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POST-REMEDIAL ACTION REPORT FOR WORK PACKAGE 420: REMEDIAL UNIT 6, CHEMICAL PLANT AREA FOUNDATIONS AND CONTAMINATED SOIL REMOVAL

Weldon Spring Site Remedial Action Project
Weldon Spring, Missouri

SEPTEMBER 1997 **REV. 0**

U.S. Department of Energy
Oak Ridge Operations Office
Weldon Spring Site Remedial Action Project

Prepared by MK-Ferguson Company and Jacobs Engineering Group

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Data Administration Manager	6/30/97 Date
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Weldon Spring Site Remedial Action Project

Post-Remedial Action Report for Work Package 420: Remedial Unit 6, Chemical Plant Area Foundations and Contaminated Soil Removal Executive Summary

Revision 0

September 1997

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U.S. DEPARTMENT OF ENERGY
Oak Ridge Operations Office
Under Contract DE-AC05-86OR21548

EXECUTIVE SUMMARY

The Chemical Plant Area Foundations and Contaminated Soil Removal Work Package-420 (WP-420) was initiated to remediate contaminated areas within the WP-420 construction limits to facilitate the construction of an on-site disposal facility. Much of the WP-420 area is covered by the disposal facility footprint. Remediation activities included the excavation and removal of building foundations, underground utilities, and associated contaminated soils. Confirmation samples were collected to ensure that remediation of the contaminated areas was completed.

The objective of the remedial action was to ensure that contaminated areas within WP-420 were remediated to meet the cleanup standards stated in the *Record of Decision for the Remedial Action at the Chemical Plant Area of the Weldon Spring Site (ROD)* (Ref. 3). Confirmation soil sampling methodology was developed to ensure the adequate remediation of contaminants of concern (COCs).

The remediation and confirmation sampling process included several activities. Components of the process include characterization data review, COC identification, confirmation plan development, contaminated materials and soil excavation, radiological walkover surveying, confirmation sampling, field oversight, sample analysis, analytical data evaluation, disposition package development, quality assurance/quality control (QA/QC) review, summary of findings and conclusions, and Post-Remedial Action Report preparation.

The WP-420 area consists of five Remedial Units (RU) (RU6 through RU10) which are subdivided into Confirmation Units (CU). Each of the CUs is approximately 2,000 m^2 (0.5 acres) in size, and is based on the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5). This Post-Remedial Action Report is the first of five such reports, and summarizes the remediation of CUs 20 through 50, which are located within RU6.

COC lists were developed for each CU using historical background information and characterization soil sample results (Ref. 4). COCs identified for RU6 include Radium 226 (Ra-226), Radium-228 (Ra-228), Thorium 230 (Th-230), Thorium 232 (Th-232), Uranium 238 (U-238), arsenic, chromium, lead, thallium, polynuclear aromatic hydrocarbons (PAHs), and polychlorinated biphenyls (PCBs).

Remediation activities for each CU included the excavation of a predetermined amount of contaminated soil, radiological walkover surveying, and confirmation soil sampling. When necessary, additional soil was excavated and confirmation samples were collected until preliminary results indicated that remediation activities were complete and COC concentrations were below cleanup standards. The CU was then released for unrestricted use. Once final analytical results were received, the data were compared to preliminary results to verify that the established cleanup goals and standards were achieved.

The boundaries of three CUs (CU48, CU49, and CU50) were modified and documented by an Inter-Office Correspondence (IOC) included in Appendix E. The areas located outside of the new boundaries will be addressed under a future work package.

A summary of final analytical results for WP-420 RU6 is presented below. The table is generated using data set compiled from all samples representing soils left in place.

Summary of Analytical Results for RU6 in WP-420

CONTAMINANT	NUMBER OF SAMPLES	SURFACE ALARA GOAL/ CLEANUP CRITERIA	RANGE OF CONCENTRATION	AVERAGE CONCENTRATION	NUMBER GREATER THAN ALARA
Arsenic (mg/kg)	326	45/75	0.97-21.10	6.76	0
Chromium (mg/kg)	314	90/110	7.10-41.60	17.82	0
Lead (mg/kg)	416	240/450	5.40-149.00	15.07	0
PAH (mg/kg)	27	0.44/5.6	ND-2.46	0.56	10
PCB (mg/kg)	466	0.65/8	ND-2.20	0.02	4
Ra-226 (pCi/g)	456	5.0/6.2	0.37-2.24	1.36	0
Ra-228 (pCi/g)	465	5.0/6.2	0.46-6.60	1.28	1
Combined Radium	N/A	5.0/6.2	0.96 - 8.84	2.62	2
Th-230 (pCi/g)[a]	451	5.0/6.2	0.09-23.10	1.74	3
Th-232 (pCi/g)	465	5.0/6.2	0.46-6.60	1.29	1
Thallium (mg/kg)	87	16/20	0.12-2.20	0.68	0
TNT	0	14/140	NA	N/A	0
U-238 (pCi/g)	740	30.0/120	0.86-196.00	3.83	8

(a) Subsurface ALARA goals and cleanup criteria can also be used when an area will receive a minimum of 6 in. backfill and not be redisturbed. Th-230 was the only criterion that used subsurface criteria. Th-230 subsurface criteria = 16.2 pCi/g.

COC averages were also calculated for each of the 31 CUs located within RU6, and the results are as follows. Although some individual sample concentrations are above the ALARA goal, the average COC concentrations for each of the 31 CUs, except PAHs, are below ALARA. The average PAH concentration was above the ALARA goal in three CUs (CU22, CU38, and CU39). Based on the ALARA committee decision ruling, the CUs were released since the majority of PAH confirmation results to date were less than ALARA.

Remedial activities were completed for all 31 CUs located in RU6. Based on the analytical results presented above, all 31 CUs were released in accordance with the cleanup standards stated in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5).

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1. INTRODUCTION

1.1 Purpose

This report details the field activities and analytical results for the chemical plant area building foundations and contaminated soils removal within Remedial Unit (RU) 6 of the Work Package-420 (WP-420) area, at the Weldon Spring Remedial Action Project (WSSRAP). WP-420 includes the removal of building foundations, underground utilities, and the associated contaminated soils necessary prior to the construction of the on-site disposal facility. The footprint of the disposal facility will cover much of the WP-420 area.

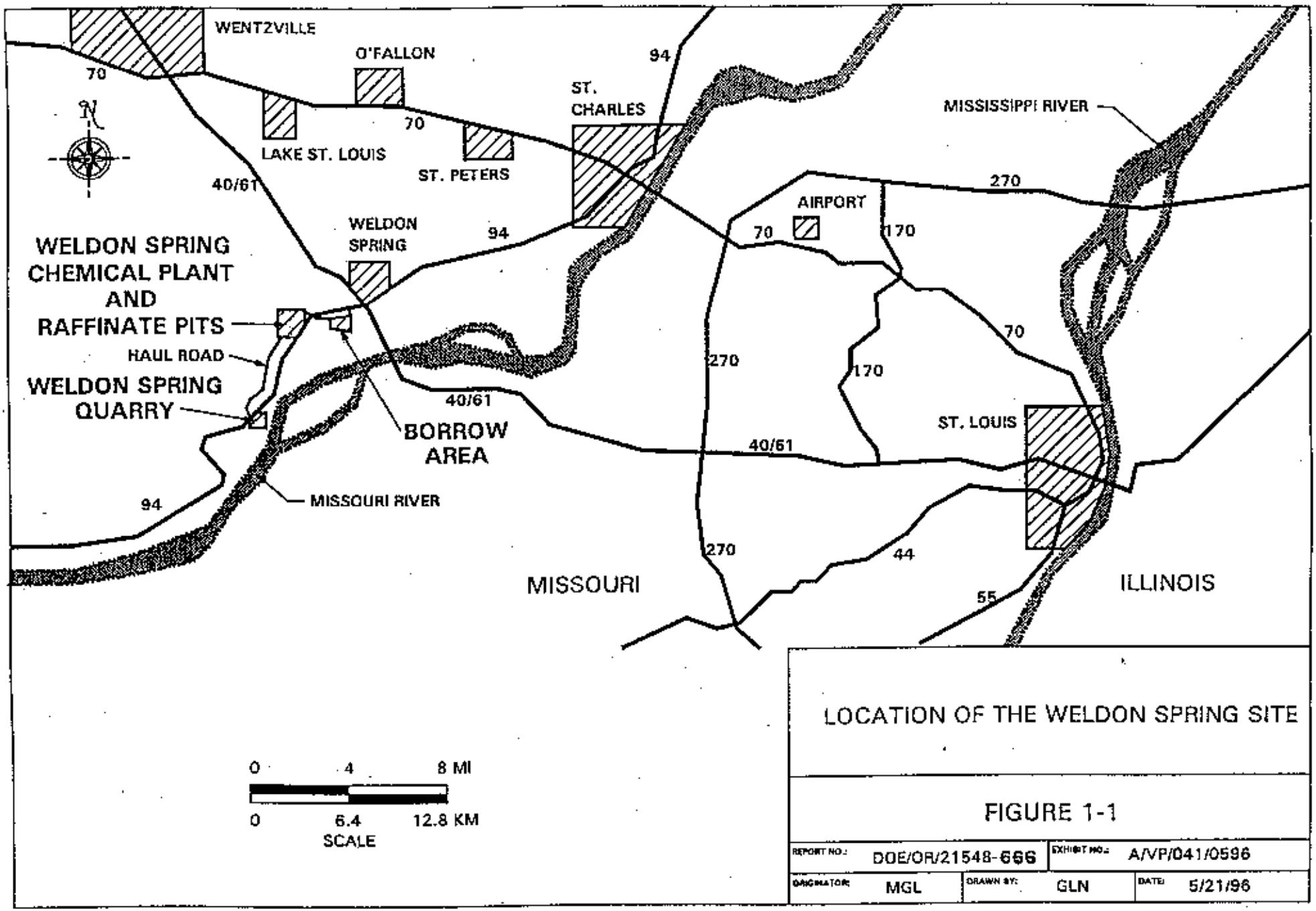
Soil characterization results from the *Remedial Investigation for the Chemical Plant Area of the Weldon Spring Site* (Ref. 1), and the *Supplementary Soil Sampling Plan* (Ref. 2) determined that some areas within the WP-420 area contained contaminant concentrations that exceeded the as low as reasonably achievable (ALARA) goals and cleanup criteria established in the *Record of Decision for Remedial Action at the Chemical Plant Area of the Weldon Spring Site* (ROD) (Ref. 3). The chemical plant area building foundations and contaminated soils removal was initiated to confirm that the cleanup of contaminated soils attained cleanup standards prior to construction of the on-site disposal facility.

1.2 Scope

This report describes the remediation activities and confirmation sampling conducted on radiological and chemically contaminated soils within RU6 of the WP-420 area. Soil confirmation sampling was conducted in accordance with the *Confirmation Sampling Plan Details for the Chemical Plant Area Foundations and Contaminated Soils Removal (WP-420)* (Ref. 4). This plan was developed to ensure that the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5) objectives were accomplished, and additionally, to ensure established remediation requirements of the ROD (Ref. 3) were met.

1.3 Site Description and History

The WSSRAP is located in St. Charles County, Missouri, about 48 km (30 mi) from St. Louis, on land formerly used by the U.S. Department of the Army (Army) as a trinitrotoluene (TNT) and dinitrotoluene (DNT) ordnance works (Figure 1-1). The 88-ha (217 acre) chemical



LOCATION OF THE WELDON SPRING SITE

FIGURE 1-1

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ORIGINATOR:	MGL	DRAWN BY:	GLN	DATE:	5/21/96

plant area is located about 3.2 km (2 mi) southwest of the junction of Missouri State Route 94 and U.S. Route 40/61. The site is accessible from Missouri Route 94 and is fenced and closed to the public.

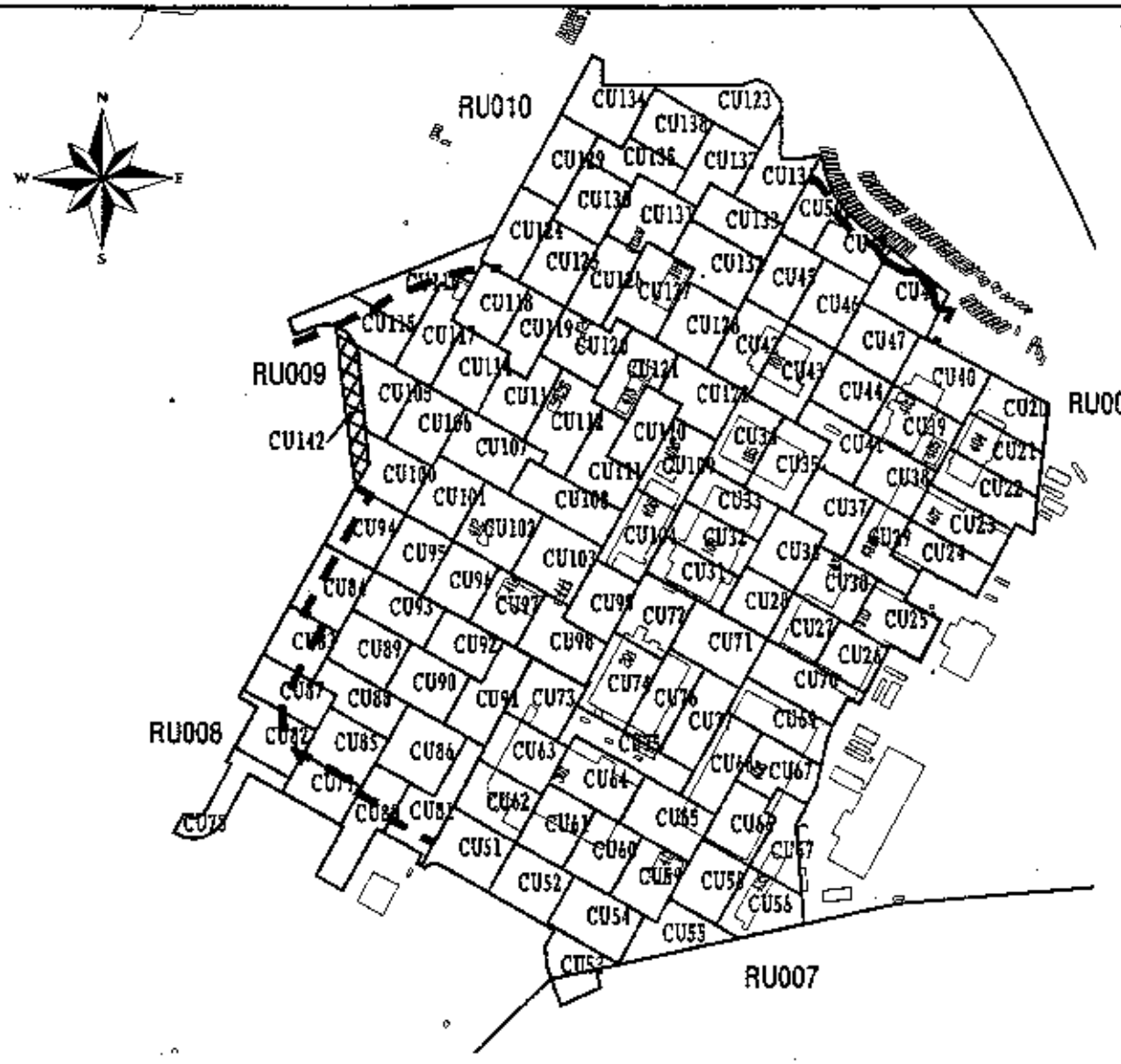
The two communities closest to the site, Weldon Spring and Weldon Spring Heights, are located approximately 3.2 km (2 mi) east of the site and have a combined population of 850 persons. Francis Howell High School is located about 1 km (0.6 mi) from the site on the eastern side.

In 1941, the Army acquired 7,000 ha (17,000 acres) of land in St. Charles County, Missouri. The Army constructed an ordnance facility and produced DNT and TNT explosives from 1941 until 1946. By 1949, all but 810 ha (2,000 acres) were transferred to the State of Missouri and the University of Missouri. Most of the remaining land became the chemical plant area of the Weldon Spring site and the adjacent U.S. Army Reserve and National Guard training area.

In May 1955, the U.S. Atomic Energy Commission (AEC) acquired 83 ha (205 acres) to construct a uranium feed materials plant. The AEC operated the uranium feed materials plant from 1957 to 1966 within the WSSRAP area. During its operation, uranium and thorium ore concentrates were processed, which led to the contaminated soils found within the WP-420 area. Radioactive and chemical wastes were disposed of at the site during this period. The radioactive contaminants associated with the site are primarily radionuclides of the natural uranium and Th-232 decay series. Chemical contaminants associated with the site are primarily heavy metals, inorganic anions, polychlorinated biphenyls (PCBs), and polynuclear aromatic hydrocarbons (PAHs).

The Army reacquired the chemical plant property in 1967 and began decontamination and dismantlement operations in order to construct a herbicide facility. The project was canceled in 1969 before herbicide production was initiated. By 1985, the Army had turned responsibility for the site over to the U.S. Department of Energy (DOE), successor to the AEC. In 1986, the DOE initiated a series of interim response actions to control and mitigate releases to the environment. The chemical plant area was included on the National Priorities List (NPL) in 1989, and the chemical plant ROD (Ref. 3) was signed in 1993.

Building dismantlement also began in 1993 and continued through 1994. Building foundations and contaminated soil were removed during 1996/1997 as part of Work Package 420. The WP-420 area is located within the WSSRAP in the eastern portion of the site. There were five work zones in this work package and each zone has been assigned an RU designation. The WP-420 area consists of five RUs: RU6, RU7, RU8, RU9, and RU10 (work zones 1-5). The five RUs are depicted in Figure 1-2.



Designates area to be confirmed under WP437

LEGEND

RU006 -- CU020 THRU CU050
RU007 -- CU051 THRU CU077
RU008 -- CU078 THRU CU093
RU009 -- CU094 THRU CU122, CU142
RU010 -- CU123 THRU CU138

Remedial Units for WP-420

Figure: 1-2

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1.4 Remediation and Confirmation Process

This report details the activities conducted to remediate RU6 (CU20 through CU50). Remediation consisted of removal of building foundations, underground utilities, and the associated contaminated soils. Following the remediation activities, confirmation samples were collected to ensure contaminated materials had been remediated.

The entire remediation and confirmation process includes: characterization data review, COC identification, confirmation plan development, pre-excavation activities, soil excavation, structures removal, radiological walkover surveys, confirmation sampling, oversight activities, sample analyses, analytical data review, quality assurance/quality control (QA/QC) review, completing disposition forms and, summary of findings and conclusions for the Post-Remedial Action Report preparation.

Removal of chemical plant area foundations and contaminated soils was conducted in accordance with the *WP-420 Foundations and Contaminated Soils Removal Subcontract Specification* (Ref. 4). The confirmation sampling process was conducted in accordance with the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5), to attain cleanup goals set forth in the *Record of Decision for Remedial Action at the Chemical Plant Area of the Weldon Spring Site* (ROD) (Ref. 3). Sections 3, 4, and 5 describe in detail the remediation and confirmation processes conducted at RU6 within the WP-420 area.

2. PRE-REMEDIATION ACTIVITIES

2.1 Review of Characterization Data

Contaminants of concern (COC) were determined by reviewing background information and results of characterization samples. Background information consisted of all available historical data regarding building use, process utility lines and existing soil characterization data.

In many CUs, areas within the building footprints were determined to have limited characterization soils data due to the foundations. These areas therefore required an alternate method to identify potential COCs. The first step was to review the waste management characterization data from samples collected from the sumps of each building. This information, along with the available soil characterization data, was then combined with the historical process information and waste management practices for each building. This method of was determined to be a conservative approach to developing a COC list for CUs that have limited historical soils data. The full process used for determining COCs is detailed in the *Confirmation Sampling Plan Details For The Chemical Plant Area* (Ref. 4).

2.2 Contaminants of Concern

COCs were identified from the review of the historical background information and characterization data for each of the 31 CUs. COC lists were also developed for sanitary sewer and process utility lines located within some CUs. These COC lists were based on the type of utility line and the COC list identified for that specific CU. Other utilities including water, fire, electrical, and communication lines, were present in some CUs, but were not specifically targeted. Radiological COCs present at RU6 include: Radium 226 (Ra-226), Radium 228 (Ra-228), Thorium 230 (Th-230), Thorium 232 (Th-232), and Uranium 238 (U-238). Organic COCs present at RU6 include polynuclear aromatic hydrocarbons (PAHs) and polychlorinated biphenyls (PCBs). Inorganic COCs present at RU6 include arsenic, chromium, lead, and thallium. The specific COC lists and the associated analytical results for each CU are presented in Section 5.

2.3 Data Quality Objectives

Data Quality Objectives (DQOs) were identified to specify and ensure quality data would support the decision making process throughout remediation activities, including the confirmation process. Confirmation DQOs were developed for sampling and analyzing soils during remediation and for the subsequent data evaluation. The DQOs were designed to make statistically defensible decisions regarding attainment of cleanup standards. Sampling and analytical programs for the

WP-420 area were designed in accordance to DQOs stated in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5).

2.4 Cleanup Standards

The objective of the DOE ALARA process is to reduce exposures and risks associated with residual contamination (Ref. 5). The *Chemical Plant Area Record of Decision* (ROD) (Ref. 3) established two different sets of cleanup standards; risked-based cleanup criteria (cleanup criteria), and as low as reasonably achievable (ALARA) goals. The ROD states that it is expected that contaminant levels remaining in the soil across the site after remediation will range between the cleanup criteria and the ALARA goals, reaching the goals in most cases (Ref. 3). Remediation activities for RU6 were designed to remove soil where the COC concentration is present above ALARA goals. Table 2-1 summarizes the cleanup criteria and ALARA goals

Table 2-1 Radionuclide and Chemical Contaminant Cleanup Standards

	SURFACE [c]		SUBSURFACE [d]	
RADIONUCLIDE (pCi/g)	ALARA	CRITERIA	ALARA	CRITERIA
Ra-226 [a,b]	5.0	6.2	5.0	16.2
Ra-228 [a,b]	5.0	6.2	5.0	16.2
Th-230 [a]	5.0	6.2	5.0	16.2
Th-232 [a]	5.0	6.2	5.0	16.2
Uranium-238	30.0	120	30.0	120
CHEMICAL (mg/kg)				
Arsenic	45	75	75	750
Chromium (total)	90	110	110	1,110
Chromium (VI)	90	100	100	1,000
Lead	240	450	450	4,500
Thallium	16	20	20	200
PAHs[e]	0.44	5.6	5.6	56
PCBs[f]	0.65	8	8	80
TNT	14	140	140	1,400

(a) If both Th-230 and Ra-226, or both Th-232 and Ra-228, are present and not in secular equilibrium, the cleanup criterion applies for the radionuclide with the higher concentration.

(b) At locations where both Ra-226 and Ra-228 are present, the cleanup criterion of 6.2 pCi/g (including background) in the top 15 cm (6 in.) of soil, and 16.2 pCi/g (including background) in each 15-cm (6-in.) layer of soil more than 15 cm (6 in.) below the surface, applies to the sum of the concentrations of these two radionuclides.

(c) Values listed for surface soils apply to contamination within the upper 15 cm (6 in.) of the soil column.

(d) Values for subsurface apply to contamination in soils below 15 cm (6 in.) unless otherwise noted.

(e) Benz(a)anthracene, benzo(b)fluoranthene, benzo(k)fluroanthene, benzo(a)pyrene, chrysene, an ideno(1,2,3-cd) pyrene.

(f) Aroclor 1248, Aroclor 1254, Aroclor 1260.

Source: Record of Decision for Remedial Action at the Chemical Plant Area of the Weldon Spring Site (Ref. 3)

established in the ROD. The application of cleanup criteria and ALARA goals for specific COCs is discussed in detail in the Table 2-1 footnotes.

2.5 Cleanup Confirmation Process

The confirmation process was used to determine, under the remediation guidelines, whether remediation activities had achieved the cleanup standards using the ALARA process. Figure 2-1 shows the confirmation process for remediation activities. The decision making process was developed to specify how the data would be evaluated within the cleanup confirmation process. To facilitate this data evaluation, the decision making process was implemented at two stages of the confirmation process.

First, the decision making process was applied to a specific sample location located within a given CU. The decision making process was refined throughout the remediation activities at the WP-420 area to provide systematic steps to determine the need for further remediation of contaminated areas.

Second, the decision making process was applied to a CU as a whole and is specific to a group of sample locations. The process was completed to meet project DQOs and the ALARA goals to evaluate whether a CU area has been remediated to the extent required by the ROD.

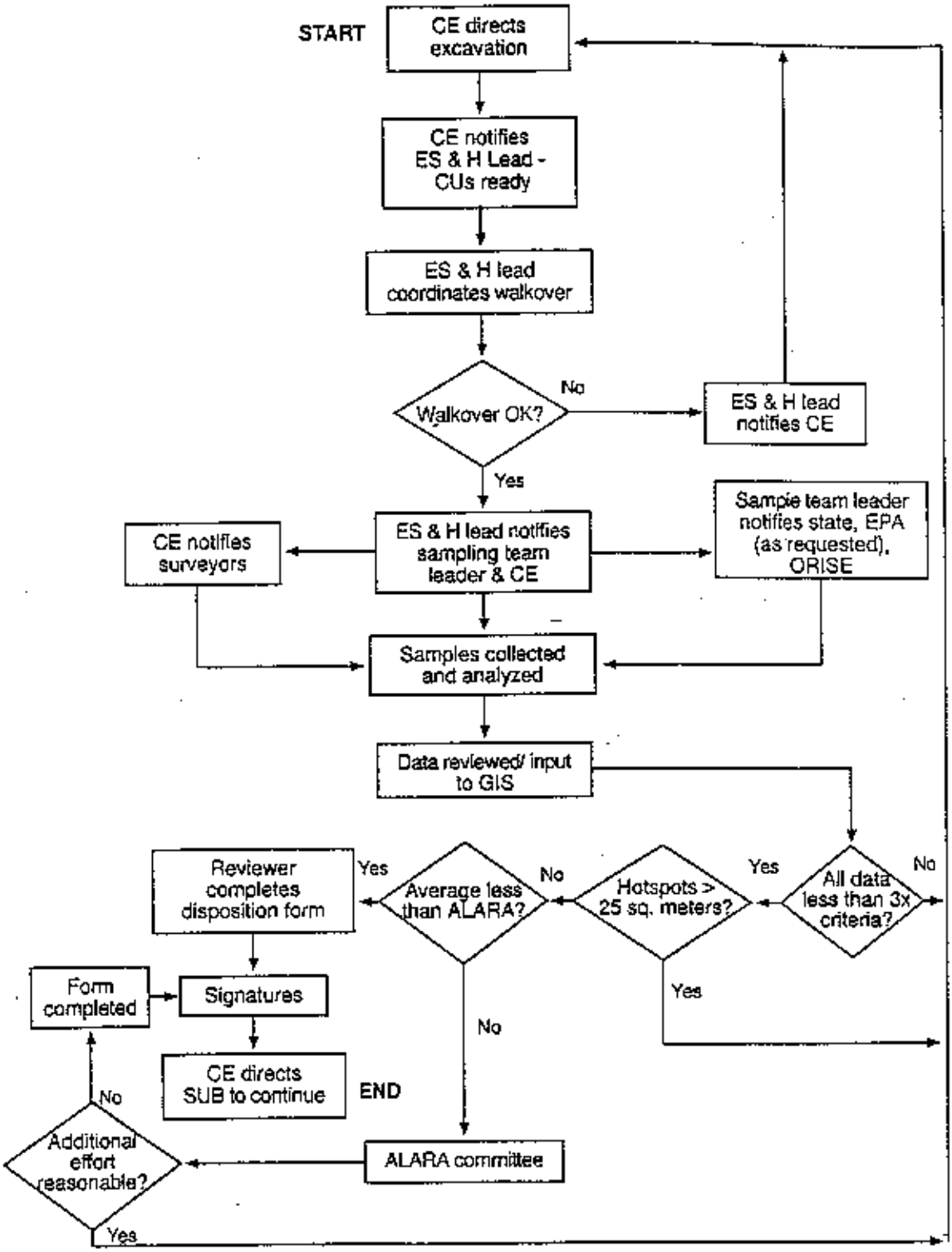
2.5.1 Decision Process

The decision making process consisted of four steps that were used to determine whether a specific contaminated area (either sample location or a CU) would require further remediation. The first three steps were applied to specific sample locations which had results greater than criteria. The fourth step was applied to an entire CU in instances where the preliminary analytical results indicated a COC concentration was above the ALARA goal. The four steps are discussed in detail below and will be referenced in the CU discussions presented in Section 5.

1. If a given COC concentration (in a hot spot area of any given size) was above three times the cleanup criteria, the area was automatically remediated and resampled.

2. If a given COC concentration in a contaminated area was above the cleanup criteria and was greater than 25 m^2 in size, the area was automatically further remediated and resampled.

3. If a given COC concentration (in a hot spot area less than 25 m^2 in size) was between the cleanup criteria and 3 times the cleanup criteria, the following formula was used to determine the acceptable concentration for the COC.



CLEANUP CONFIRMATION PROCESS

FIGURE 2-1

REPORT NO.: DOE/OR/21548-666		EXHIBIT NO.: A/PI/007/0397	
ORIGINATOR: MGL	DRAWN BY: GLN	DATE: 3/24/97	

Maximum Concentration = (cleanup criteria) x $(100/A)^{1/2}$

Where: A = area of hot spot in square meters (m^2)

If the COC sample concentration was above the maximum concentration, the area was further remediated and resampled. If the COC sample concentration was below the maximum concentration, the soil was left in place and no further remediation was conducted.

1. The fourth step was applied to a specific COC concentration over the entire CU. If an average concentration of a COC within a CU was greater than ALARA, the issue went before the ALARA committee for a decision ruling. Factors in the decision ruling included the percentage of sample results that were less than, or greater than ALARA. Based on the percentage of sample results below the ALARA goal, the ALARA committee determined whether additional remediation was required.

Contaminant levels remaining in soil across the site after remediation are expected to range between the ALARA goals and the cleanup criteria, reaching the goals in most cases.

3. REMEDIAL PROGRAM ACTIVITIES

3.1 Pre-Excavation Activities

Throughout RU6 remediation activities, water management was required that included surface water control and field dewatering of excavations. Berms and ditches were used to prevent surface water from entering the area. Surface water run-off within RU6 was routed to established site water management facilities. Water entering excavations from precipitation events and infiltration was pumped to designated excavations serving as interim retention basins. This water was then sampled for total uranium. After review of sample results, these excavations were dewatered, and the water was directed to the appropriate site facility depending on the total uranium concentration.

3.2 Excavation Activities

Process and nonprocess building foundations, underground utilities and storage tanks, miscellaneous surface and subsurface features, and soil were excavated during field activities. Most of these materials were removed because of contamination. Additional removal of facilities was necessary to support subsequent disposal cell construction. After the initial excavations were completed, radiological walkover surveys were conducted to evaluate the need for additional excavation. Walkover surveys were conducted using a 2 in. x 2 in. sodium iodide (NaI) scintillator detector. When radiological walkover surveys indicated no additional excavation was needed (e.g., no radioactivity levels exceeding 1.5 times the background level), the area was released for confirmation sampling.

Confirmation results were then reviewed and additional excavation and confirmation sampling was conducted in hot spot areas if necessary. Excavation and sampling continued until sampling results indicated that the cleanup standards had been achieved. After achieving cleanup standards, a Disposition Form was completed with preliminary analytical results. The CU was then released for unrestricted use. The Disposition Form was reviewed and signed by project personnel. A final comparison of preliminary data to confirmation data was made upon receipt of the final laboratory data package.

3.3 Contaminated Materials Management

Contaminated materials removed during remediation activities were segregated and then transported to the appropriate storage area: APSA, MSA, TSA, or Building 434. These

contaminated materials will eventually be placed into the on site disposal facility in accordance with the Record of Decision (ROD) (Ref. 3).

3.4 Post Excavation Activities

After a CU was released based upon a reviewed and signed Disposition Form, the CU was returned to the subcontractor for unrestricted activities. The underlying unsuitable soils were excavated down to the Ferrelview formation, as determined by visual observation, and backfilled with soil suitable for construction to design grade as needed in preparation for construction of the on-site disposal facility.

4. REMEDIAL ACTIVITIES

4.1 Field Activities

Field activities completed during remediation activities were conducted in accordance with procedures stated in the *Confirmation Sampling Plan Details for the Chemical Plant Area Foundations and Contaminated Soils Removal WP-420* (Ref. 4). Field activities were conducted to perform and document sampling objectives within the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5) while achieving the cleanup goals and standards. All remedial action surveys, sampling, and data review were conducted and documented in accordance with Weldon Spring Site Remedial Action Project (WSSRAP) Environmental Safety and Health (ES&H) procedures. The applicable procedures were as follows:

- ES&H 2.3.8, *Contamination Survey*
- ES&H 2.5.1, *Radiological Soil Sampling*
- ES&H 2.5.2, *In Situ Radiation Measurements*
- ES&H 2.5.5, *Sample Preparation Procedure for Radiological Soil Samples*
- ES&H 2.5.8, *Th-230 Determinations in Soils by the UNC Method*
- ES&H 2.6.1, *Alpha Detector Calibration and Operational Check*
- ES&H 2.6.2, *Calibration and Use of Ludlum Model 2220 Scalar and the Model 44-10-2 (2x2 NaI) Detector*
- ES&H 2.6.3, *GM Detector Calibration, Operation, and Usage*
- ES&H 2.6.4, *Ludlum Model 2000 Scaler and Model 43-10 Detector: Gross Alpha Measurement Operation and Calibration*
- ES&H 2.6.9, *Instructions for Calibration and Operation of the High Purity Germanium Detector*
- ES&H 4.1.3, *Sampling Equipment Decontamination*

- ES&H 4.4.1, *Numbering System for Environmental Samples*
- ES&H 4.4.5, *Soil/Sediment Sampling*

4.1.1 Walkover Surveys

Radiological walkover surveys were conducted after excavation activities to determine if cleanup of radiological materials was complete. Walkover surveys were conducted using a 2 in. x 2 in. NaI scintillation detector. Each confirmation unit (CU) was surveyed using radioactivity levels above 1.5 times the background concentrations (of gamma emitting radioactivity) as a general guideline (Ref. 5). Radioactivity background readings were collected each day at the background sample location at the Weldon Spring site flagpole. The background reading was recorded in counts per minute (CPM) and used for walkover surveys conducted that day.

Field walkover surveys were conducted on a profile 1 m grid system within each CU. Walkover surveys where no levels of radioactivity exceeded 1.5 x background levels were documented on a Walkover Survey Results Form WP-420. Areas exceeding 1.5 times the background level were further excavated until survey results showed there were no levels above 1.5 times background. Final survey results and summary are included in the CU specific discussion in Section 5. Radiation Survey Forms WP-420 are presented in Appendix B.

4.1.2 Soil Sampling

After the walkovers were completed and documented, soil sampling was conducted within each CU within RU6 as part of the confirmation process. This process includes several categories of soil samples, such as hot spot, resample, and confirmation samples.

Soil samples locations were chosen based upon a 10 m by 10 m grid. Samples were collected at every node (grid intersection) and some center points. The sampling locations are presented in Appendix A for each CU. Node samples are denoted with a '-S' and center point samples are denoted with a '-C.' Sample locations were relocated in the event the original location was not practical or safe. Sample locations that were moved more than 5 ft were resurveyed.

Additionally, sampling locations were placed every 10 m along utilities (buried sanitary sewer and process lines only) except when existing grid sampling locations were within 5 ft of a utility line. In these cases, the existing sampling location was offset by 5 ft to include the area

within the utility line corridor. Sampling locations that were moved more than 5 ft were resurveyed.

Analytical suites for each CU were dependent upon the contaminants of concern (COC) list developed from historical information and characterization sample results. If results from these confirmation samples indicated contaminants in the CU being confirmed met the cleanup standards as presented in the Attainment Plan, no further remediation was conducted and the CU could be released. A Disposition Form was completed and the CU released back to the subcontractor.

On the other hand, if the confirmation results indicated the cleanup standards were not met, additional walkovers and/or sampling was conducted to delineate the area of contamination. These hot spots samples were designated by the suffix '-HS.' If the hot spot results/walkovers determined that the area exceeded the hot spot rule (presented in Section 2.5), than additional excavation was required. Additional confirmation samples were then collected and designated with the suffix '-RS.' Once the cleanup standards were met, a Disposition Form was completed and the CU released back to the subcontractor. The Disposition Forms for each CU are presented in Appendix C.

4.2 Laboratory Activities

Laboratories that performed analyses for the WP-420 remediation activities used Contract Laboratory Program (CLP) methodologies or methodologies approved by the Data Validation Group. Laboratory activities were conducted in accordance with the laboratory's *Quality Assurance Project Plan* and *Environmental Quality Assurance Project Plan* (Ref. 6). Appendix D contains the analytical results from each CU within RU6. Radiological and chemical analytical data were reviewed upon receipt from the laboratory.

4.2.1 Radiological Contaminants

Radiological soil samples were collected for Ra-226, Ra-228, Th-230, Th-232, and U-238. Most radiological samples were analyzed by the on-site laboratory; however, overflow samples and a portion of Th-230 samples were sent to an off-site laboratory. Estimated Ra-226 results were used to release CUs. In addition, because Th-232 is in secular equilibrium with Ra-228, the concentrations are considered essentially the same. Both of these conditions are further explained in IOC's included in Appendix E.

4.2.2 Chemical Contaminants

Preliminary and final confirmation soil samples were collected for the following organic and inorganic chemical analyses: three polychlorinated biphenyl (PCBs) six polycyclic (or polynuclear) aromatic hydrocarbons (PAHs), arsenic, chromium, lead, and thallium. All samples collected were analyzed by off-site laboratories.

4.3 Verification Activities

The Oak Ridge Institute for Science and Education (ORISE) was contracted by the U.S. Department of Energy (DOE) to verify confirmation soil sampling in the chemical plant area of the Weldon Spring site. Verification activities included independent walkover radiological surveys and the collection and analysis of soil samples to verify proper disposition of CUs. Field verification activities were conducted in accordance with ORISE's *Final Survey Plan.* A table summarizing ORISE hot spot information is presented in Appendix F.

4.3.1 Walkover Surveys

ORISE conducted independent walkover radiological surveys in areas that had been confirmed. Walkover surveys were conducted using a 1 in. x 1 in. NaI scintillator detector. Walkover surveys were conducted to verify field results obtained by WSSRAP personnel.

4.3.2 Soil Sampling

ORISE conducted independent collection and analysis of soil samples. Soil samples were collected at random locations and from areas identified by walkover surveys. Soil sampling was conducted to also verify proper disposition of the CUs.

4.3.3 Verification of WP-420 Documentation

All ORISE verification activities have been completed for RU6. A final verification letter will be prepared by ORISE when the Project Management Contractor's (PMC) *Post Remedial Action Report for WP-420* (RU6) is finalized. The ORISE letter will contain verification walkover surveys, soil sampling, and confirmation results. The letter also verifies that the remedial action objectives were achieved.

5. CONFIRMATION UNIT SUMMARY

The following section includes the confirmation unit (CU) analytical results summary for the 31 CUs that are located within RU6 of the WP-420 area. Each summary was generated from data collected during the remediation activities. Each summary includes the location of the CU, a list of COCs, a general discussion of the remediation activities, walkover survey results, a comparison of preliminary and final analytical results, hot spot summary if applicable, and dates when the CU was released for unrestricted use.

Tables contained in this section summarize data collected from each CU following the excavation of contaminated materials. Not all data are contained in the tables. Excluded are data from hot spot areas where further excavation was required. The tables were compiled using only the data that ensured remediation was complete and represented the soils remaining in place after the confirmation unit was released. In addition, nondetects for metals and radiological parameters are listed as half the detection limits, while organics are listed as zeros (Ref. 5.).

Hot spot data and additional information for each CU are contained in the following Appendixes. Sample Location Maps are presented in Appendix A. Radiation Survey Forms WP-420 are presented in Appendix B. Disposition Forms are presented in Appendix C. Complete analytical results are presented in Appendix D (including hot spot data collected prior to additional remediation). Inter-Office Correspondence regarding data discrepancies are included in Appendix E. A summary table of Oak Ridge Institute for Science and Education (ORISE) verification results is presented in Appendix F.

5.1 Confirmation Unit 20

Confirmation Unit 20 is located at the northern end of the Building 404 area in the northeast portion of RU6. The COCs identified for CU20 include U-238, Ra-226, Ra-228, Th-230, Th-232, arsenic, chromium, lead, and polychlorinated biphenyls (PCBs). The contaminated soil excavation depth ranged from approximately 2 ft to 7 ft. Utility lines were also removed and confirmation samples were collected. The subcontractor released Confirmation Unit 20 to the Project Management Contractor (PMC) August 1, 1996, for confirmation.

The NaI background level for CU20 was 11,500 CPM. All of the final radioactivity levels were less than 1.5 times the background level. The walkover surveys for this CU were completed on August 1, 1996.

Confirmation soil samples were collected at 29 designated locations (see Figure A-1, Appendix A). None of the predetermined grid samples fell within the utility corridor; therefore,

an additional four utility samples were collected. Table 5-1 presents sample totals, and concentration ranges and averages for the preliminary and final analytical results.

No hot spot areas were identified from the sample results. No additional contaminated soil excavation was required and no deviations from the sampling plan occurred at CU20.

Table 5-1 Confirmation Unit 20 Analytical Results Summary

Contaminant	Preliminary Results				Final Results			
				No. of Samples Above				No. of Samples Above
	No. of Samples	Range	Average	ALARA	No. of Samples	Range	Average	ALARA
Arsenic (mg/kg)	22	0.97-21.1	6.77	0	22	0.97-21.1	6.77	0
Chromium (mg/kg)	9	12-27.9	21.28	0	9	12-27.9	21.28	0
Lead (mg/kg)	9	11-21.6	14.26	0	9	11-21.6	14.26	0
PCB (mg/kg)	9	0-0.03	0.005	0	9	0-0.05	0.01	0
Radium 226 (pCi/g)	9	1.86-2.72	2.16	0*	9	0.68-1.5	1.17	0*
Radium 228 (pCi/g)	9	0.67-1.51	1.17	0*	9	0.68-1.66	1.20	0*
Thorium 230 (pCi/g)	9	0.74-1.23	1.07	0*	9	0.74-1.23	1.07	0*
Thorium 232 (pCi/g)	See Radium 228 Results				See Radium 228 Results			
Uranium 238 (pCi/g)	30	1.41-14.68	3.32	0	30	1.43-14.7	3.34	0

* Refer to footnotes (a) and (b).

(a) If both Th-230 and Ra-226, or both Th-232 and Ra-228, are present and not in secular equilibrium, the cleanup criterion applies for the radionuclide with the higher concentration.

(b) At locations where both Ra-226 and Ra-228 are present, the cleanup criterion of 6.2 pCi/g (including background) in the top 15 cm (6 in.) of soil, and 16.2 pCi/g (including background) in each 15-cm (6-in.) layer of soil more than 15 cm (6 in.) below the surface, applies to the sum of the concentrations of these two radionuclides.

Review of the final analytical results supports the preliminary results indicating remediation activities have been completed. The final results meet the cleanup standards as detailed in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5). After the walkover survey, soil sampling, and remediation activities were completed, Disposition Forms were reviewed and signed. Confirmation Unit 20 was released back to the subcontractor for unrestricted use on August 9, 1996.

5.2 Confirmation Unit 21

Confirmation Unit 21 is part of the Building 404 area located in the northeastern portion of RU6. The contaminants of concern (COCs) identified for CU21 include: U-238, Ra-226, Ra-228, Th-230, Th-232, arsenic, chromium, lead, polycyclic (or polynuclear) aromatic hydrocarbons (PAHs) and PCBs. The contaminated soil excavation depth ranged from 2 ft to 7 ft. Utility lines were also removed and confirmation samples were collected. The subcontractor released Confirmation Unit 21 to the PMC on July 31, 1996, for confirmation.

The NaI background level collected for CU21 was 10,500 CPM. All of the final radioactivity levels were less than 1.5 times the background level. The walkover surveys for CU21 were completed July 31, 1996.

Confirmation soil samples were collected from 32 designated locations (Figure A-2, Appendix A). Four additional utility samples were collected. Table 5-2 presents sample totals, and concentration ranges and averages for the preliminary and final results.

Based on review of the final analytical results, remediation activities were deemed complete. These final results meet the cleanup standards as detailed in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5). After the walkover survey, soil sampling, and remediation activities were completed, Disposition Forms were reviewed and signed. Confirmation Unit 21 was released back to the subcontractor for unrestricted use on August 8, 1996.

After CU21 was released, one area was identified during an ORISE walkover survey conducted on August 17, 1996. An approximate 4 m^2 area with elevated gamma readings was detected 15 ft north of sample location SC-02102-U. A sample (SC-02102-U-HSO1) was collected in the area with the most elevated reading. The U-238 result (159 pCi/g) exceeded criteria, but met the hot spot rule and no additional remediation occurred. Using the hot spot rule in Section 2.5.1, an area as large as 4 m^2 can have a U-238 concentration up to three times criteria. See Appendix F for the calculation.

Table 5-2 Confirmation Unit 21 Analytical Results Summary

Contaminant	Preliminary Results				Final Results			
				No. of Samples Above				No. of Samples Above
	No. of Samples	Range	Average	ALARA	No. of Samples	Range	Average	ALARA
Arsenic (mg/kg)	23	3.8-21.1	8.64	0	23	3.8-21.1	8.64	0
Chromium (mg/kg)	21	12-29.2	18.72	0	21	12-29.2	18.72	0
Lead (mg/kg)	21	9-33.4	15.82	0	21	9-33.4	15.82	0
PAH (mg/kg)	3	0.12-0.87	0.39	1	3	0.14-1.01	0.46	1
PCB (mg/kg)	21	0-0	0.00	0	21	0-0.02	0.0001	0
Radium 226 (pCi/g)	21	1.66-2.97	2.37	0*	21	0.88-1.56	1.31	0*
Radium 228 (pCi/g)	21	0.58-1.98	1.11	0*	21	0.59-1.66	1.19	0*
Thorium 230 (pCi/g)	21	0.88-1.32	1.11	0*	21	0.88-1.32	1.11	0*
Thorium 232 (pCi/g)	See Radium 228 Results				See Radium 228 Results			
Uranium 238 (pCi/g)	35	1.41-19.25	4.72	0	35	1.45-19.2	4.73	0

* Refer to footnotes (a) and (b)

(a) If both Th-230 and Ra-226, or both Th-232 and Ra-228, are present and not in secular equilibrium, the cleanup criterion applies for the radionuclide with the higher concentration.

(b) At locations where both Ra-226 and Ra-228 are present, the cleanup criterion of 6.2 pCi/g (including background) in the top 15 cm (6 in.) of soil, and 16.2 pCi/g (including background) in each 15-cm (6-in.) layer of soil more than 15 cm (6 in.) below the surface, applies to the sum of the concentrations of these two radionuclides.

5.3 Confirmation Unit 22

Confirmation Unit 22 is part of the Building 404 area located in the northeastern portion of RU6. The COCs identified for CU22 include U-238, Ra-226, Ra-228, Th-230, Th-232, arsenic, chromium, lead, PAHs and PCBs. The contaminated soil excavation depth ranged from 3 ft to 12 ft. Utility lines were also removed and confirmation samples were collected from the trenches. The subcontractor released Confirmation Unit 22 to the PMC July 31, 1996, for confirmation sampling.

The radioactivity background level collected for CU22 was 11,500 CPM. All of the final radioactivity levels were less than 1.5 times the background level. The walkover surveys for this CU were completed on July 31, 1996.

Confirmation soil samples were collected from 33 designated locations (Figure A-3, Appendix A). One of the predetermined samples fell into a utility trench; therefore, additional utility parameters were added at that location. Four additional utility samples were also added. Table 5-3 presents sample totals, and concentration ranges and averages for the preliminary and final results.

Table 5-3 Confirmation Unit 22 Analytical Results Summary

Contaminant	Preliminary Results				Final Results			
				No. of Samples Above ALARA				No. of Samples Above ALARA
	No. of Samples	Range	Average		No. of Samples	Range	Average	
Arsenic (mg/kg)	14	4.6-10.8	8.75	0	14	4.6-10.8	8.75	0
Chromium (mg/kg)	14	13.7-33.5	21.27	0	14	13.7-33.5	21.27	0
Lead (mg/kg)	14	9-33.4	16.83	0	14	9-33.4	16.83	0
PAH (mg/kg)	4	0.19-1.61	0.87	3	4	0.23-1.61	0.96	3
PCB (mg/kg)	14	0-0.07	0.01	0	14	0-0.08	0.01	0
Radium 226 (pCi/g)	14	1.7-2.72	2.21	0*	14	1.2-1.59	1.38	0*
Radium 228 (pCi/g)	14	0.56-1.98	1.24	0*	14	0.59-1.41	1.14	0*
Thorium 230 (pCi/g)	14	0.93-1.55	1.15	0*	14	0.93-1.55	1.15	0*
Thorium 232								

Table 5-3 Confirmation Unit 22 Analytical Results Summary

Contaminant	Preliminary Results				Final Results			
				No. of				No. of
				Samples				Samples
	No. of			Above	No. of			Above
	Samples	Range	Average	ALARA	Samples	Range	Average	ALARA
(pCi/g)	See Radium 228 Results				See Radium 228 Results			
Uranium 238								
(pCi/g)	37	1.49-14.82	3.41	0	37	1.45-14.8	3.41	0

* Refer to footnotes (a) and (b).

(a) If both Th-230 and Ra-226, or both Th-232 and Ra-228, are present and not in secular equilibrium, the cleanup criterion applies for the radionuclide with the higher concentration.

(b) At locations where both Ra-226 and Ra-228 are present, the cleanup criterion of 6.2 pCi/g (including background) in the top 15 cm (6 in.) of soil, and 16.2 pCi/g (including background) in each 15-cm (6-in.) layer of soil more than 15 cm (6 in.) below the surface, applies to the sum of the concentrations of these two radionuclides.

The average PAH concentrations for CU22 were above ALARA. Upon review, the ALARA committee released the CU because more than 50% of the PAH concentrations to date have been less than ALARA.

Based on the ALARA committee decisions and review of the final analytical results that support the preliminary results, remediation activities have been completed. These final results meet the cleanup standards as detailed in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5). After the walkover survey, soil sampling, and remediation activities were completed, Disposition Forms were reviewed and signed. Confirmation Unit 22 was released back to the subcontractor for unrestricted use on August 8, 1996.

5.4 Confirmation Unit 23

Confirmation Unit 23 is part of the Building 407 area located in the northeastern portion of RU6. The COCs for CU23 include U-238, Ra-226, Ra-228, Th-230, Th-232, arsenic, chromium, lead, thallium, and PCBs. The contaminated soil excavation depth ranged from approximately 3 ft to 17 ft. Utility lines were also removed and confirmation samples were collected from the trenches. The subcontractor released Confirmation Unit 23 to the PMC July 31, 1996, for confirmation sampling.

The radioactivity background level for CU23 was 11,500 counts per minute (cpm). All of the radioactivity levels were less than 1.5 times the background level. The walkover surveys for this CU were completed on July 31, 1996.

Confirmation soil samples were collected from 37 designated locations (Figure A-4, Appendix A). Three of the predetermined samples fell into the utility trenches; therefore, additional parameters were added. No additional utility locations needed to be added. Table 5-4 presents sample totals, and concentration ranges and averages for the preliminary and final results.

No hot spot areas were identified from the sample results. After the walkover survey, soil sampling, and remediation activities were completed, Disposition Forms were reviewed and signed. Confirmation Unit 23 was released back to the subcontractor for unrestricted use on August 7, 1996. These results meet the cleanup standards as detailed in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5).

Two U-238 hot spot areas were identified in CU23 during ORISE walkover surveys. These walkovers were conducted after the CU was released. The first area was approximately 3.3 m^2 and located 16 ft northwest of sample location SC-02312-S. The second area was approximately 2.3 m^2 and located 4 ft west of sample location SC-02312-S. Both areas were sampled and identified as SC-02312-S-HS01 and SC-02312-S-HS02. The U-238 results exceeded three times criteria therefore, both areas were remediated and resampled on August 16, 1996. Resample results indicated that concentrations were below ALARA and remediation activities were completed. Appendix F presents the pre and post remedial information. Since these areas were found after the CU was released, the resample results are not included in Table 5-4.

Table 5-4 Confirmation Unit 23 Analytical Results Summary

CONTAMINANTS	PRELIMINARY RESULTS				FINAL RESULTS			
	No. of Samples	Range	Average	No. of Samples Above ALARA	No. of Samples	Range	Average	No. of Samples Above ALARA
Arsenic (mg/kg)	30	4.9-13.7	7.45	0	30	4.9-13.7	7.45	0
Chromium (mg/kg)	30	22.2-32.4	26.53	0	30	22.2-32.4	26.53	0
Lead (mg/kg)	30	9.7-28.3	15.85	0	30	9.7-28.3	15.85	0
PCB (mg/kg)	30	0-0.18	0.01	0	30	0-0.18	0.01	0
Radium 226 (pCi/g)	30	0.83-2.52	2.06	0*	30	1.17-1.72	1.44	0*

Table 5-4 Confirmation Unit 23 Analytical Results Summary

CONTAMINANTS	PRELIMINARY RESULTS				FINAL RESULTS			
	No. of Samples	Range	Average	No. of Samples Above ALARA	No. of Samples	Range	Average	No. of Samples Above ALARA
Radium 228 (pCi/g)	30	0.61-1.8	1.15	0*	30	0.46-1.67	1.18	0*
Thallium (mg/kg)	30	0.12-0.42	0.25	0	30	0.12-0.42	0.25	0
Thorium 230 (pCi/g)	30	1.01-1.39	1.21	0*	30	1.01-1.39	1.21	0*
Thorium 232 (pCi/g)	See Radium-228 Results				See Radium-228 Results			
Uranium 238 (pCi/g)	30	1.44-14.82	2.76	0	30	1.49-14.8	2.84	0

* Refer to footnotes (a) and (b)

(a) If both Th-230 and Ra-226, or both Th-232 and Ra-228, are present and not in secular equilibrium, the cleanup criterion applies for the radionuclide with the higher concentration.

(b) At locations where both Ra-226 and Ra-228 are present, the cleanup criterion of 6.2 pCi/g (including background) in the top 15 cm (6 in.) of soil, and 16.2 pCi/g (including background) in each 15-cm (6-in.) layer of soil more than 15 cm (6 in.) below the surface, applies to the sum of the concentrations of these two radionuclides.

5.5 Confirmation Unit 24

Confirmation Unit 24 is part of the Building 407 area located in the northeastern portion of RU6. The COCs identified for CU24 include U-238, Ra-226, Ra-228, Th-230, Th-232, arsenic, chromium, lead, thallium, and PCBs. The contaminated soil excavation depth ranged from approximately 1 ft to 6.5 ft. Utility lines were also removed and confirmation samples were collected from the trenches. The subcontractor released Confirmation Unit 24 to the PMC July 30, 1996, for confirmation sampling.

The radioactivity background level collected for CU24 was 11,500 CPM. All of the final radioactivity levels were less than 1.5 times the background level. The walkover surveys for this CU were completed on July 31, 1996.

Confirmation soil samples were collected from 28 designated locations (Figure A-5, Appendix A). Six of the predetermined grid samples fell into the trench; therefore, utility parameters were included. No additional utility samples were added. Table 5-5 presents sample totals, and concentration ranges and averages for the preliminary and final results.

Table 5-5 Confirmation Unit 24 Analytical Results Summary

Contaminant	Preliminary Results				Final Results			
				No. of Samples Above ALARA				No. of Samples Above ALARA
	No. of Samples	Range	Average		No. of Samples	Range	Average	
Arsenic								
(mg/kg)	28	3.1-13.7	7.42	0	28	3.1-13.7	7.42	0
Chromium								
(mg/kg)	28	7.1-33.1	24.31	0	28	7.1-33.1	24.31	0
Lead								
(mg/kg)	28	8.9-34.7	16.67	0	28	8.9-34.7	16.67	0
PCB								
(mg/kg)	28	0-0.08	0.004	0	28	0-0.08	0.004	0
Radium 226								
(pCi/g)	28	0.78-2.43	1.83	0*	28	0.97-1.62	1.38	0*
Radium 228								
(pCi/g)	28	0.43-1.47	1.03	0*	28	0.46-1.5	1.13	0*
Thallium								
(mg/kg)	28	0.12-0.36	0.17	0	28	0.12-0.36	0.17	0
Thorium 230								
(pCi/g)	28	0.75-1.4	1.18	0*	28	0.75-1.4	1.18	0*
Thorium 232								
(pCi/g)	See Radium 228 Results				See Radium 228 Results			
Uranium 238								
(pCi/g)	28	1.41-5.26	1.90	0	28	1.49-5.21	1.92	0

* Refer to footnotes (a) and (b).

(a) If both Th-230 and Ra-226, or both Th-232 and Ra-228, are present and not in secular equilibrium, the cleanup criterion applies for the radionuclide with the higher concentration.

(b) At locations where both Ra-226 and Ra-228 are present, the cleanup criterion of 6.2 pCi/g (including background) in the top 15 cm (6 in.) of soil, and 16.2 pCi/g (including background) in each 15-cm (6-in.) layer of soil more than 15 cm (6 in.) below the surface, applies to the sum of the concentrations of these two radionuclides.

No hot spot areas were identified from the sample results. No deviations from the sampling plan occurred at CU24. Review of the final analytical results supports the preliminary results, which indicated that remediation activities have been completed. The final results meet the cleanup standards as detailed in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5). After the walkover survey, soil sampling, and remediation activities were completed, Disposition Forms were reviewed and signed. Confirmation Unit 24 was released back to the subcontractor for unrestricted use on August 7, 1996.

5.6 Confirmation Unit 25

Confirmation Unit 25 is part of the Building 410 area located in the southeastern portion of RU6. The COCs identified for CU25 include U-238, Ra-226, Ra-228, Th-230, Th-232, lead, and PCBs. The contaminated soil excavation was completed in June 1996 to a depth of 2 ft to 3 ft. Utility lines were also removed and confirmation samples were collected from the trenches.

The radioactivity background levels collected for CU25 ranged between 9,000 cpm and 10,000 cpm. All final radioactivity levels were less than 1.5 times the background levels. During the walkover survey, pieces of rebar and miscellaneous metal were found in the area. Although readings of these pieces were not above background, they were removed. The walkover surveys for this CU were conducted on April 18, 1996, and on June 4, 1996. The utility trench walkovers were completed on June 5, 1996.

Confirmation soil samples were collected at 33 designated locations (Figure A-6, Appendix A). One predetermined sampling location fell into the trench; therefore, utility parameters were included. Three additional utility sample locations were added. Table 5-6 presents sample totals, and concentration ranges and averages for the preliminary and final results.

Six Th-230 hot spot areas were identified from the confirmation sample results. The Th-230 hot spot area sample locations included SC-02501-S, SC-02502-S, SC-02502-C, SC-02504-S, SC-02510-S, and SC-02518-S. These results exceeded criteria and hot spot rule (greater than 25 m^2); therefore, all areas were remediated and resampled. Samples collected following remediation of the hot spot areas were initially sent to off-site laboratories to expedite the turnaround time for sample results, and the samples were also analyzed on site. All sample results from the on-site and off-site laboratories were less than ALARA. Confirmation Unit 25 was then released back to the subcontractor for unrestricted use on June 18, 1996.

Ten original Th-230 results (analyzed off site) for this CU were rejected during data validation. Validation was requested after reviewing the final data package. The internal quality control data from the off-site laboratory was not in accordance with WSSRAP acceptable limits. The samples that were rejected include SC-02501-S, SC-02502-S, SC-02502-C, SC-02503-S,

Table 5-6 Confirmation Unit 25 Analytical Results Summary

Contaminant	Preliminary Results				Final Results			
	No. of Samples	Range	Average	No. of Samples Above ALARA	No. of Samples	Range	Average	No. of Samples Above ALARA
Lead (mg/kg)	33	11-26.6	16.94	0	33	11-26.6	16.94	0
PCB (mg/kg)	33	0-0.09	0.003	0	33	0-0.09	0.003	0
Radium 226 (pCi/g)	33	0.84-2.97	2.24	0*	33	1.16-1.68	1.45	0*
Radium 228 (pCi/g)	33	0.58-1.51	1.10	0*	33	0.59-1.73	1.21	0*
Thorium 230 (pCi/g)	33	0.28-4.12	1.98	0*	33	0.28-4.12	1.60	0*
Thorium 232 (pCi/g)	See Radium 228 Results				See Radium 228 Results			
Uranium 238 (pCi/g)	36	1.46-3.54	1.86	0	36	1.51-2.9	1.90	0

* Refer to footnotes (a) and (b).

(a) If both Th-230 and Ra-226, or both Th-232 and Ra-228, are present and not in secular equilibrium, the cleanup criterion applies for the radionuclide with the higher concentration.

(b) At locations where both Ra-226 and Ra-228 are present, the cleanup criterion of 6.2 pCi/g (including background) in the top 15 cm (6 in.) of soil, and 16.2 pCi/g (including background) in each 15-cm (6-in.) layer of soil more than 15 cm (6 in.) below the surface, applies to the sum of the concentrations of these two radionuclides.

SC-02504-S, SC-02507-C, SC-02507-S, SC-02508-S, SC-02509-S, and SC-02510-S. To replace the rejected data, the on-site laboratory re-analyzed and archived all 10 samples using the sample media that had been collected from the locations prior to hot spot remediation. All 10 samples contained Th-230 concentrations below ALARA. In addition, sample SC-02518-S, which is not a rejected sample, was mistakenly re-analyzed. Th-230 results for sample SC-03518-S also indicated that concentrations were below ALARA. Based on these results, excavation of all hot spot areas at sample locations SC-02501-S, SC-02502-S, SC-02502-C, SC-02504-S, SC-02510-S, and SC-02518-S would have been unnecessary, but based upon the original preliminary results, the area was remediated.

Review of the final analytical results supports the preliminary results, indicating that remediation activities have been completed. The final results meet the cleanup standards as detailed in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5). After the walkover survey, soil sampling, and remediation activities were completed, Disposition Forms were reviewed and signed. Confirmation Unit 25 was released back to the subcontractor for unrestricted use.

5.7 Confirmation Unit 26

Confirmation Unit 26 is part of the Building 410 area located in the southeastern portion of RU6. The COCs identified for CU26 include U-238, Ra-226, Ra-228, Th-230, Th-232, lead, and PCBs. The contaminated soil excavation was completed in June 1996 to a depth of approximately 2 ft to 4 ft. Utility lines were also removed and confirmation samples were collected from the trench. During the utility line removal, an additional excavation depth of 4 ft to 5 ft was achieved.

The radioactivity background level collected for CU26 was 10,000 CPM. All of the final radioactivity levels were less than 1.5 times the background level. The walkover surveys for this CU were completed on June 3, 1996. The utility trench walkovers were completed on June 5, 1996.

Confirmation soil samples were collected at the 24 of the 25 designated locations (Figure A-7, Appendix A). Sample location SC-02614-S fell outside of the controlled area therefore, no sample was collected. Twelve additional utility samples were collected. Table 5-7 presents sample totals, and concentration ranges and averages for the preliminary and final results.

Table 5-7 Confirmation Unit 26 Analytical Results Summary

Contaminant	Preliminary Results				Final Results			
				No. of Samples Above				No. of Samples Above
	No. of Samples	Range	Average	ALARA	No. of Samples	Range	Average	ALARA
Lead								
(mg/kg)	34	10-29.8	16.81	0	34	10-29.8	16.81	0
PCB								
(mg/kg)	34	0-0	0.00	0	34	0-0	0.00	0
Radium 226								
(pCi/g)	34	0.93-3.11	2.30	0*	34	1.21-1.69	1.43	0*
Radium 228								
(pCi/g)	34	0.43-1.6	1.12	0*	34	0.62-1.83	1.29	0*
Thorium 230								
(pCi/g)	34	0.54-4.12	1.37	0*	34	0.54-4.12	1.37	0*

Table 5-7 Confirmation Unit 26 Analytical Results Summary

Contaminant	Preliminary Results				Final Results			
				No. of				No. of
				Samples				Samples
	No. of			Above	No. of			Above
	Samples	Range	Average	ALARA	Samples	Range	Average	ALARA
Thorium 232								
(pCi/g)	See Radium 228 Results				See Radium 228 Results			
Uranium 238								
(pCi/g)	34	1.43-2.5	1.78	0	34	1.48-3.35	1.97	0

* Refer to footnotes (a) and (b).

(a) If both Th-230 and Ra-226, or both Th-232 and Ra-228, are present and not in secular equilibrium, the cleanup criterion applies for the radionuclide with the higher concentration.

(b) At locations where both Ra-226 and Ra-228 are present, the cleanup criterion of 6.2 pCi/g (including background) in the top 15 cm (6 in.) of soil, and 16.2 pCi/g (including background) in each 15-cm (6-in.) layer of soil more than 15 cm (6 in.) below the surface, applies to the sum of the concentrations of these two radionuclides.

Three Th-230 hot spot areas were identified (SC-02601-S, SC-02607-S, and SC-02609-C) that exceeded criteria, did not meet the hot spot rule, and required additional excavation. Subsequent resample data indicated concentrations were below ALARA. The sample collected at location SC-02609-S was rejected during validation, but the archive sample was re-analyzed by the on-site laboratory and concentrations were below ALARA.

Review of the final analytical results supports the preliminary results, indicating that remediation activities have been completed. The final results meet the cleanup standards as detailed in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5). After the walkover survey, soil sampling, and remediation activities were completed, Disposition Forms were reviewed and signed. Confirmation Unit 26 was released back to the subcontractor for unrestricted use on July 2, 1996.

5.8 Confirmation Unit 27

Confirmation Unit 27 is part of the Building 410 area located in the southeastern portion of RU6. The COCs identified for CU27 include U-238, Ra-226, Ra-228, Th-230, Th-232, lead, and PCBs. The contaminated soil excavation was completed in June 1996 to a depth of 2 ft to 4 ft. Utility lines were also removed and confirmation samples were collected from the utility trenches. During the utility line removal, an additional excavation depth of 4 ft to 5 ft was achieved.

The radioactivity background level collected for CU27 ranged from 9,000 cpm to 10,000 cpm. All of the final radioactivity levels were less than 1.5 times the background levels.

The walkover surveys for this CU were completed on June 4, 1996. The utility trench walkovers were completed June 5, 1996.

Confirmation soil samples were collected at the 22 designated locations (Figure A-8, Appendix A). There were an additional 10 utility samples collected. Table 5-8 presents sample totals, and concentration ranges and averages for the preliminary and final results.

Table 5-8 Confirmation Unit 27 Analytical Results Summary

Contaminant	Preliminary Results				Final Results			
				No. of Samples Above ALARA				No. of Samples Above ALARA
	No. of Samples	Range	Average		No. of Samples	Range	Average	
Lead								
(mg/kg)	32	11-47.9	19.78	0	32	11-47.9	19.78	0
PCB								
(mg/kg)	32	0-0.04	0.001	0	32	0-0.04	0.00	0
Radium 226								
(pCi/g)	32	0.85-3.11	2.20	0*	32	1.03-2.09	1.44	0*
Radium 228								
(pCi/g)	32	0.48-1.44	1.01	0*	32	0.67-1.56	1.24	0*
Thorium 230								
(pCi/)	32	0.54-3.35	1.59	0*	32	0.54-3.35	1.59	0*
Thorium 232								
(pCi/g)	See Radium 228 Results				See Radium 228 Results			
Uranium 238								
(pCi/g)	32	1.42-11.16	2.31	0	32	1.26-11.2	2.47	0

* Refer to the footnotes (a) and (b).

(a) If both Th-230 and Ra-226, or both Th-232 and Ra-228, are present and not in secular equilibrium, the cleanup criterion applies for the radionuclide with the higher concentration.

(b) At locations where both Ra-226 and Ra-228 are present, the cleanup criterion of 6.2 pCi/g (including background) in the top 15 cm (6 in.) of soil, and 16.2 pCi/g (including background) in each 15-cm (6-in.) layer of soil more than 15 cm (6 in.) below the surface, applies to the sum of the concentrations of these two radionuclides.

One hot spot area at sample location SC-2601-S is mentioned in both CU26/CU27 discussions because it is located on western CU boundary between CU26 and CU27. The analytical summary includes the most recent samples collected following further excavation and resampling of hot spot SC-02601-S. Further details can be found in Section 5.7.

ORISE identified a 0.8 m^2 area in the elevated gamma readings on June 27, 1996, located 12 ft northwest of sample location SC-02708-S. A sample (SC-02708-S-HS01) was collected and Th-230 was added to the analytical suite due to the discovery of Th-230 hot spots near the

area (see earlier discussions of CU25 and CU26). Upon review of the data, the results were less than the cleanup criteria and if averaged with the other CU results, the averages remained less than ALARA. Appendix D presents the results of sample analysis. No additional remediation was required.

Review of the final analytical results supports the preliminary results, indicating that remediation activities have been completed. The final results meet the cleanup standards as detailed in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5). After the walkover survey, soil sampling, and remediation activities were completed, Disposition Forms were reviewed and signed. Confirmation Unit 27 was released back to the subcontractor for unrestricted use on July 2, 1996.

5.9 Confirmation Unit 28

Confirmation Unit 28 is located between Building 410 and Building 103 in the southern portion of RU6. The COCs identified for CU28 includedU-238, Ra-226, Ra-228, Th-230, Th-232, arsenic, lead, chromium, and PCBs. The contaminated soil excavation depth ranged from approximately 3 ft to 17 ft. Utility lines were also removed and confirmation samples were collected from the sanitary sewer and process lines. The subcontractor released Confirmation Unit 28 to the PMC on August 2, 1996, for confirmation sampling.

The radioactivity background level collected for CU28 was 10,500 CPM. All of the final radioactivity levels were less than 1.5 times the background level. The walkover surveys for this CU were completed on August 2, 1996.

Confirmation soil samples were collected from 22 designated locations (Figure A-9, Appendix A). Eight of the predetermined sample locations were within the utility trench; therefore utility parameters were included. No additional utility sample locations needed to be added. Table 5-9 presents sample totals, and concentration ranges and averages for the preliminary and final results.

No hot spot areas were identified from the sample results. No deviations from the sampling plan occurred at CU28.

Review of the final analytical results supports the preliminary results, indicating remediation activities have been completed. The final results meet the cleanup standards as detailed in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5). After the walkover survey, soil sampling, and remediation activities were completed, Disposition Forms were reviewed and signed. Confirmation Unit 28 was released back to the subcontractor for unrestricted use on August 9, 1996.

Table 5-9 Confirmation Unit 28 Analytical Results Summary

Contaminant	Preliminary Results				Final Results			
				No. of Samples				No. of Samples
	No. of Samples	Range	Average	Above ALARA	No. of Samples	Range	Average	Above ALARA
Arsenic								
(mg/kg)	8	3-9.5	6.65	0	8	3-9.5	6.65	0
Chromium								
(mg/kg)	8	7.6-18.1	12.23	0	8	7.6-18.1	12.23	0
Lead								
(mg/kg)	12	8.9-23.4	15.02	0	12	8.9-23.4	15.02	0
PCB								
(mg/kg)	12	0-0	0.00	0	12	0-0	0.00	0
Radium 226								
(pCi/g)	12	0.85-2.72	2.19	0*	12	1.07-2.09	1.46	0*
Radium 228								
(pCi/g)	12	0.89-1.53	1.19	0*	12	1.13-1.74	1.34	0*
Thorium 230								
(pCi/g)	12	1.4-3.58	2.47	0*	12	1.4-3.58	2.47	0*
Thorium 232								
(pCi/g)	See Radium 228 Results				See Radium 228 Results			
Uranium 238								
(pCi/g)	22	1.49-4.85	1.99	0	22	1.46-5.54	2.13	0

- Refer to footnotes (a) and (b).

(a) If both Th-230 and Ra-226, or both Th-232 and Ra-228, are present and not in secular equilibrium, the cleanup criterion applies for the radionuclide with the higher concentration.

(b) At locations where both Ra-226 and Ra-228 are present, the cleanup criterion of 6.2 pCi/g (including background) in the top 15 cm (6 in.) of soil, and 16.2 pCi/g (including background) in each 15-cm (6-in.) layer of soil more than 15 cm (6 in.) below the surface, applies to the sum of the concentrations of these two radionuclides.

5.10 Confirmation Unit 29

Confirmation Unit 29 is located at Building 407 in the eastern portion of RU6. The COCs identified for CU29 include U-238, Ra-226, Ra-228, Th-230, Th-232, arsenic, chromium, lead, thallium, and PCBs. The contaminated soil excavation depth ranged from approximately 5 ft to 9 ft. Utility lines were also removed and confirmation samples were collected from the trenches. The subcontractor released Confirmation Unit 29 to the PMC on August 1, 1996, for confirmation sampling. The radioactivity background reading collected for CU29 was 11,500

CPM. All of the final radioactivity levels were less than 1.5 times the background level. The final walkover survey for this CU was completed on August 1, 1996.

Confirmation soil samples were collected from 32 designated locations (Figure A-10, Appendix A). One of the predetermined grid samples was located within the utility trenches; therefore, utility parameters were added. Table 5-10 presents sample totals, and concentration ranges and averages for the preliminary and final results.

Table 5-10 Confirmation Unit 29 Analytical Results Summary

Contaminant	Preliminary Results				Final Results			
				No. of Samples				No. of Samples
	No. of Samples	Range	Average	Above ALARA	No. of Samples	Range	Average	Above ALARA
Arsenic								
(mg/kg)	15	6.1-17.3	9.16	0	15	6.1-17.3	9.16	0
Chromium								
(mg/kg)	16	16.5-41.6	22.81	0	16	16.5-41.6	22.81	0
Lead								
(mg/kg)	15	10.9-26.2	16.25	0	15	10.9-26.2	16.25	0
PCB								
(mg/kg)	18	0-0.02	0.005	0	18	0-0.02	0.00	0
Radium 226								
(pCi/g)	15	1.86-2.84	2.36	1*	15	1.22-1.76	1.46	1*
Radium 228								
(pCi/g)	15	0.43-2.43	1.32	1*	15	0.58-2.28	1.21	1*
Thallium								
(mg/kg)	15	0.13-2.2	0.84	0	15	0.13-2.2	0.84	0
Thorium 230								
(pCi/g)	15	1.21-3.44	2.20	0*	15	1.21-3.44	2.20	0*
Thorium 232								
(pCi/g)	See Radium 228 Results				See Radium 228 Results			
Uranium 238								
(pCi/g)	30	1.52-14.94	3.55	0	30	1.54-13	3.21	0

* Refer to footnotes (a) and (b).

(a) If both Th-230 and Ra-226, or both Th-232 and Ra-228, are present and not in secular equilibrium, the cleanup criterion applies for the radionuclide with the higher concentration.

(b) At locations where both Ra-226 and Ra-228 are present, the cleanup criterion of 6.2 pCi/g (including background) in the top 15 cm (6 in.) of soil, and 16.2 pCi/g (including background) in each 15-cm (6-in.) layer of soil more than 15 cm (6 in.) below the surface, applies to the sum of the concentrations of these two radionuclides.

Deviations from the sampling plan at CU29 include the resampling of three sample locations due to the subcontractor entering the CU after the partial release of the area. These

sample locations include SC-02914-S, SC-02915-S and SC-02920-C. Analytical results from the resamples indicated the concentrations were below ALARA.

Review of the final analytical results supports the preliminary results, indicating that remediation activities have been completed. The final results meet the cleanup standards as detailed in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5). After the walkover survey, soil sampling, and remediation activities were completed, Disposition Forms were reviewed and signed. Confirmation Unit 29 was released back to the subcontractor for unrestricted use on August 7, 1996.

5.11 Confirmation Unit 30

Confirmation Unit 30 is located in the Building 410 area in the south portion of RU6. The COCs identified for CU30 include U-238, Ra-226, Ra-228, Th-230, Th-232, lead, and PCBs. The contaminated soil excavation depth ranged from 2 ft to 3 ft, and was completed in June 1996. Utility lines were also removed and confirmation samples were collected from the utility trenches. During the utility line removal, an additional excavation depth of 4 ft to 5 ft was achieved.

The radioactivity background level collected for CU30 was 10,000 CPM. The final radioactivity levels were less than 1.5 times the background level.

Confirmation soil samples were collected at the 34 designated locations (Figure A-11, Appendix A). Table 5-11 presents sample totals, and concentration ranges and averages for the preliminary and final results.

Table 5-11 Confirmation Unit 30 Analytical Results Summary

Contaminant	Preliminary Results				Final Results			
				No. of Samples Above ALARA				No. of Samples Above ALARA
	No. of Samples	Range	Average		No. of Samples	Range	Average	
Lead								
(mg/kg)	21	9.4-34.3	17.68	0	21	9.4-34.3	17.68	0
PCB								
(mg/kg)	24	0-0.05	0.002	0	24	0-0.05	0.002	0
Radium 226								
(pCi/g)	21	0.84-2.75	2.00	0*	21	1.09-1.68	1.46	0*
Radium 228								
(pCi/g)	21	0.55-1.45	1.16	0*	21	0.59-1.7	1.26	0*
Thorium 230								
(pCi/g)	27	0.96-3.89	1.69	0*	27	0.96-3.89	1.71	0*
Thorium 232								
(pCi/g)	See Radium 228 Results				See Radium 228 Results			

Table 5-11 Confirmation Unit 30 Analytical Results Summary

Contaminant	Preliminary Results				Final Results			
				No. of Samples Above ALARA				No. of Samples Above ALARA
	No. of Samples	Range	Average		No. of Samples	Range	Average	
Uranium 238 (pCi/g)	35	1.51-25.71	3.43	0	35	1.26-24	3.43	0

* See footnotes (a) and (b).

(a) If both Th-230 and Ra-226, or both Th-232 and Ra-228, are present and not in secular equilibrium, the cleanup criterion applies for the radionuclide with the higher concentration.

(b) At locations where both Ra-226 and Ra-228 are present, the cleanup criterion of 6.2 pCi/g (including background) in the top 15 cm (6 in.) of soil, and 16.2 pCi/g (including background) in each 15-cm (6-in.) layer of soil more than 15 cm (6 in.) below the surface, applies to the sum of the concentrations of these two radionuclides.

One Th-230 hot spot area was identified at sample location SC-02501-S based on sample results. Additional remediation was completed and resamples were collected. Resample analytical results indicated concentrations were below ALARA. Section 5.6 provides more information.

ORISE identified an area with elevated gamma readings during the walkovers approximately 8 ft southwest of location SC-03002-S after the CU had been released. This area was approximately 0.6 m^2. A sample was collected (SC-03002-S-HS01) and analytical results indicated that no concentrations were present above ALARA (U-238 = 20.7 pCi/g); therefore no further excavation was required. Analytical results are presented in Appendix D.

These results meet the cleanup standards as detailed in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5). After the walkover survey, soil sampling, and remediation activities were completed, Disposition Forms were reviewed and signed. Confirmation Unit 30 was released back to the subcontractor for unrestricted use on June 6, 1996.

5.12 Confirmation Unit 31

Confirmation Unit 31 is located at the southern end of Building 103, in the southwestern portion of RU6. The COCs identified for CU31 include U-238, Ra-226, Ra-228, Th-230, Th-232, arsenic, lead, chromium, and PCBs. The excavation depth of contaminated soil was approximately 6 ft, and excavation was completed in May 1996. There were no utilities located within this CU.

The radioactivity background level collected for CU31 ranged between 6,500 cpm to 10,000 cpm. The final radioactivity levels for CU31 were less than 1.5 times the background

level. The final walkovers were completed on May 30, 1996. Confirmation soil samples were collected at 27 locations as shown on the (Figure A-12, Appendix A).

One Th-230 hot spot area was identified at sample location SC-03106-S (7.15 pCi/g) based on sample results. Four additional samples were collected to determine the lateral extent of the Th-230 contamination. These samples determined the areal extent was greater than 25 m^2 and therefore exceeded the hot spot rule. After further excavation, this location was resampled and the result was below ALARA (0.96 pCi/g).

Table 5-12 presents sample totals, and concentration ranges and averages for the preliminary and final results. No deviations to procedures occurred at CU31. Review of the final analytical results supports the preliminary results, indicating that remediation activities have been completed. The final results meet the cleanup standards as detailed in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5). After the walkover survey, soil sampling, and remediation activities were completed, Disposition Forms were reviewed and signed. Confirmation Unit 31 was released back to the subcontractor for unrestricted use on July 2, 1996.

Table 5-12 Confirmation Unit 31 Analytical Results Summary

Contaminant	Preliminary Results				Final Results			
				No. of Samples Above				No. of Samples Above
	No. of Samples	Range	Average	ALARA	No. of Samples	Range	Average	ALARA
Arsenic (mg/kg)	22	2.9-8.7	5.38	0	22	2.9-8.7	5.38	0
Chromium (mg/kg)	22	9.5-20.8	14.03	0	22	9.5-20.8	14.03	0
Lead (mg/kg)	22	5.4-26.1	11.79	0	22	5.4-26.1	11.79	0
PCB (mg/kg)	22	0-0.06	0.003	0	22	0-0.06	0.003	0
Radium 226 (pCi/g)	22	1.5-2.75	2.11	0*	22	1.05-1.63	1.35	0*
Radium 228 (pCi/g)	22	0.62-1.73	1.33	0*	22	0.67-1.75	1.38	0*
Thorium 230 (pCi/g)	22	0.06-2.26	1.05	0*	22	0.09-2.26	1.05	0*
Thorium 232 (pCi/g)	See Radium 228 Results				See Radium 228 Results			
Uranium 238 (pCi/g)	27	1.47-14.61	3.58	0	27	1.56-12.9	3.77	0

* Refer to footnotes (a) and (b).

(a) If both Th-230 and Ra-226, or both Th-232 and Ra-228, are present and not in secular equilibrium, the

cleanup criterion applies for the radionuclide with the higher concentration.

(b) At locations where both Ra-226 and Ra-228 are present, the cleanup criterion of 6.2 pCi/g (including background) in the top 15 cm (6 in.) of soil, and 16.2 pCi/g (including background) in each 15-cm (6-in.) layer of soil more than 15 cm (6 in.) below the surface, applies to the sum of the concentrations of these two radionuclides.

5.13 Confirmation Unit 32

Confirmation Unit 32 is part of the central portion of Building 103 located in the southwest portion of RU6. The COCs identified for CU32 include U-238, Ra-226, Ra-228, Th-230, Th-232, arsenic, lead, chromium, and PCBs. The excavation of contaminated soil was completed in June 1996 to a depth of approximately 6 ft. There were no utility lines located within this CU.

The radioactivity background levels collected for CU32 ranged between 6,500 cpm and 10,000 cpm. The final radioactivity levels for the CU were less than 1.5 times the background level. The walkover surveys were completed on May 30, 1996.

Confirmation soil samples were collected at 30 locations (Figure A-13, Appendix A). Table 5-13 presents sample totals, and concentration ranges and averages for the preliminary and final results.

Table 5-13 Confirmation Unit 32 Analytical Results Summary

Contaminant	Preliminary Results				Final Results			
				No. of Samples Above				No. of Samples Above
	No. of Samples	Range	Average	ALARA	No. of Samples	Range	Average	ALARA
Arsenic (mg/kg)	21	3-10.2	5.98	0	21	3-10.2	5.98	0
Chromium (mg/kg)	21	9.5-20.8	12.96	0	21	9.5-20.8	12.96	0
Lead (mg/kg)	21	5.9-40.7	12.01	0	21	5.9-40.7	12.01	0
PCB (mg/kg)	21	0-0.29	0.02	0	21	0-0.29	0.02	0
Radium 226 (pCi/g)	22	0.75-2.59	1.80	0*	22	0.92-1.89	1.28	0*
Radium 228 (pCi/g)	22	0.62-1.8	1.30	0*	22	0.64-1.88	1.29	0*
Thorium 230 (pCi/g)	21	0.29-23.1	2.08	1*	21	0.29-23.1	2.08	1*
Thorium 232 (pCi/g)	See Radium 228 Results				See Radium 228 Results			
Uranium 238 (pCi/g)	28	1.48-169.19	9.53	1	28	1.48-171	9.70	1

* Refer to footnotes (a) and (b).

(a) If both Th-230 and Ra-226, or both Th-232 and Ra-228, are present and not in secular equilibrium, the cleanup criterion applies for the radionuclide with the higher concentration.

(b) At locations where both Ra-226 and Ra-228 are present, the cleanup criterion of 6.2 pCi/g (including background) in the top 15 cm (6 in.) of soil, and 16.2 pCi/g (including background) in each 15-cm (6-in.) layer of soil more than 15 cm (6 in.) below the surface, applies to the sum of the concentrations of these two radionuclides.

Three hot spot areas were identified from the sample results. Th-230 hot spot areas were identified at sample locations SC-03320-S and SC-03221-C. One U-238 hot spot area was identified at sample location SC-03213-S.

Further excavation was conducted at the Th-230 hot spot area located at SC-03320-S. Following excavation, the location was resampled and the concentration (1.11 pCi/g) was below ALARA.

At the Th-230 hot spot area located at SC-03221-C, four additional samples were collected to determine the aerial extent of contamination. Based on these analytical results, the hot spot area located at SC-03221-C was left in place in accordance with the remediation guidelines stated in Section 2.5. Subsurface criteria applied to sample location SC-03221-C. Subsurface criteria were determined to be more appropriate because the location will lie directly beneath the disposal cell and will receive a minimum of 6 in. of backfill soil. Appendix F provides the calculation ratios.

At the U-238 hot spot area located at SC-03213-S, four additional samples were collected to determine the aerial extent of contamination. Based on these results, the hot spot area located at SC-03221-C was left in place in accordance with remediation guidelines stated in Section 2.5. The hot spot calculation details are provided in Appendix F.

This analytical summary is based upon the most recent samples collected. Review of the final analytical results supports the preliminary results, indicating that remediation activities have been completed. The final results meet the cleanup standards as detailed in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5). After the walkover survey, soil sampling, and remediation activities were completed, disposition forms were reviewed and signed. Confirmation Unit 32 was released back to the subcontractor for unrestricted use on July 2, 1996.

5.14 Confirmation Unit 33

Confirmation Unit 33 is located in the northern portion of Building 103 in the southwest corner of RU6. The COCs identified for CU33 include U-238, Ra-226, Ra-228, Th-230, Th-232, arsenic, lead, chromium, and PCBs. The excavation of contaminated soil was completed in June 1996 to a depth of approximately 6 ft. No utility lines were located within this CU.

The radioactivity background level collected for CU33 was 10,000 CPM. The final radioactivity levels for the CU were less than 1.5 times the background level. The final walkover surveys were completed on June 12, 1996.

Confirmation soil samples were collected at 33 locations (Figure A-14, Appendix A). Table 5-14 presents sample totals, and concentration ranges and averages for the preliminary and final results.

Table 5-14 Confirmation Unit 33 Analytical Results Summary

Contaminant	Preliminary Results				Final Results			
	No. of Samples	Range	Average	No. of Samples Above ALARA	No. of Samples	Range	Average	No. of Samples Above ALARA
Arsenic (mg/kg)	17	2.7-7.7	5.22	0	17	2.7-7.7	5.22	0
Chromium (mg/kg)	17	8.3-17.2	12.59	0	17	8.3-17.2	12.59	0
Lead (mg/kg)	17	7.1-18.8	11.54	0	17	7.1-18.8	11.54	0
PCB (mg/kg)	20	0-0.93	0.05	1	20	0-0.93	0.05	1
Radium 226 (pCi/g)	27	0.85-2.34	1.74	0*	27	0.37-1.62	1.15	0*
Radium 228 (pCi/g)	27	1.06-2.25	1.39	0*	27	0.49-2.18	1.38	0*
Thorium 230 (pCi/g)	19	0.67-4.35	1.43	0*	19	0.67-4.35	1.43	0*
Thorium 232 (pCi/g)	See Radium 228 Results				See Radium 228 Results			
Uranium 238 (pCi/g)	28	1.42-12.82	2.56	0	28	1.48-15.4	2.93	0

* Refer to footnotes (a) and (b).

(a) If both Th-230 and Ra-226, or both Th-232 and Ra-228, are present and not in secular equilibrium, the cleanup criterion applies for the radionuclide with the higher concentration.

(b) At locations where both Ra-226 and Ra-228 are present, the cleanup criterion of 6.2 pCi/g (including background) in the top 15 cm (6 in.) of soil, and 16.2 pCi/g (including background) in each 15-cm (6-in.) layer of soil more than 15 cm (6 in.) below the surface, applies to the sum of the concentrations of these two radionuclides.

Two Th-230 hot spot areas were identified from sample results. The two Th-230 sample locations (SC-03320-S and SC-03524-S) required additional excavation based upon Th-230 concentrations. After additional remediation, these locations were resampled and the concentrations were below ALARA (1.11 pCi/g and 1.12 pCi/g respectively). The sample location SC-03524-S is located on the CU33/CU35/CU36 boundary and therefore has been included in all three CU discussions.

Samples collected at SC-03317-S, SC-03318-S, SC-03319-S, and SC-03320-S were rejected after validation. To replace the rejected data, the on-site laboratory re-analyzed and archived all four samples using the sample media that had been collected from the locations prior to hot spot remediation. All four samples contained Th-230 concentrations below ALARA.

Based on these results, excavation of the hot spot area at sample location SC-03320-S was not necessary. Analytical results indicated concentrations were below ALARA.

Review of the final analytical results supports the preliminary results, indicating that remediation activities have been completed. The final results meet the cleanup standards as detailed in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5). After the walkover survey, soil sampling, and remediation activities were completed, Disposition Forms were reviewed and signed. Confirmation Unit 33 was released back to the subcontractor for unrestricted use on July 2, 1996.

5.15 Confirmation Unit 34

Confirmation Unit 34 is located in the western portion of Building 105 on the western boundary of RU6. The COCs identified for CU34 include U-238, Ra-226, Ra-228, Th-230, Th-232, arsenic, lead, chromium, and PCBs. Confirmation Unit 34 was released for confirmation sampling in two sections; a first partial area (July 7, 1996) and the remainder area (August 12, 1996). The complete excavation of contaminated soil was completed in July 1996 to depths of 9 ft to 10 ft.

The radioactivity background level collected for CU34 ranged between 10,000 cpm - 10,500 cpm. The final radioactivity levels for the CU were less than 1.5 times the background level. Confirmation samples were collected at the 30 locations (Figure A-15/15A, Appendix A) Utility lines were also removed and confirmation samples were collected from trenches of sanitary sewer and process lines. Four of the predetermined sample locations fell into the utility trenches; therefore, utility parameters were added and no additional utility sample location had to be added.

Table 5-15 presents sample totals, and concentration ranges and averages for the preliminary and final results for both the partial area and the remainder area of CU34.

Table 5-15 Confirmation Unit 34 Analytical Results Summary

Contaminant	Preliminary Results				Final Results			
				No. of Samples Above ALARA				No. of Samples Above ALARA
	No. of Samples	Range	Average		No. of Samples	Range	Average	
Arsenic (mg/kg)	17	2.3-18.4	6.23	0	17	2.3-18.4	8.23	0
Chromium (mg/kg)	17	8.6-27.2	13.77	0	17	8.6-27.2	13.77	0
Lead (mg/kg)	17	7.4-149	20.48	0	17	7.4-149	20.48	0

Table 5-15	Confirmation Unit 34 Analytical Results Summary							
Contaminant	Preliminary Results				Final Results			
	No. of Samples	Range	Average	No. of Samples Above ALARA	No. of Samples	Range	Average	No. of Samples Above ALARA
PCB (mg/kg)	28	0-0.93	0.04	1	28	0-0.93	0.04	1
Radium 226 (pCi/g)	28	0.78-2.47	1.90	0*	28	0.78-1.64	1.13	0*
Radium 228 (pCi/g)	28	0.57-2.85	1.36	0*	28	0.54-2.84	1.42	0*
Thorium 230 (pCi/g)	17	0.51-5.83	1.60	1*	17	0.51-5.83	1.60	1*
Thorium 232 (pCi/g)	See Radium 228 Results				See Radium 228 Results			
Uranium 238 (pCi/g)	30	1.42-12.08	2.47	0	30	1.35-16.1	2.67	0

* Refer to footnotes (a) and (b)

(a) If both Th-230 and Ra-226, or both Th-232 and Ra-228, are present and not in secular equilibrium, the cleanup criterion applies for the radionuclide with the higher concentration.

(b) At locations where both Ra-226 and Ra-228 are present, the cleanup criterion of 6.2 pCi/g (including background) in the top 15 cm (6 in.) of soil, and 16.2 pCi/g (including background) in each 15-cm (6-in.) layer of soil more than 15 cm (6 in.) below the surface, applies to the sum of the concentrations of these two radionuclides.

One Th-230 hot spot area was identified from the confirmation sample results at location SC-03410-S. The Th-230 result (29.5 pCi/g) exceeded three times criteria, therefore, remediation was conducted and resampling results (2.49 pCi/g) confirmed that Th-230 concentrations were below ALARA.

One location (SW of SC-03411-S) was identified as a potential hot spot by ORISE. A sample was collected from the location with the most elevated gamma reading and identified as SC-03411-S-HS01. The U-238 concentration was 364 pCi/g, which exceeds three times criteria. The area was therefore remediated and a sample collected. Results indicated U-238 concentrations (3.7 pCi/g) were below ALARA.

The walkover survey, soil sampling activities, and hot spot remediation were completed for CU34, Disposition Forms were reviewed and signed. These results meet the cleanup standards as detailed in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5). The partial area of CU34 was released back to the subcontractor for unrestricted use on July 10, 1996. The remainder of CU34 was released back to the subcontractor for unrestricted use on August 22, 1996.

5.16 Confirmation Unit 35

Confirmation Unit 35 is located at the eastern end of Building 105 area near the western edge of RU6. The COCs identified for CU35 include U-238, Ra-226, Ra-228, Th-230, Th-232, arsenic, lead, chromium, thallium, and PCBs. Confirmation Unit 35 was released in two sections, a partial area and a remainder area. The contaminated soil excavation depth of the confirmation unit was approximately 9 ft to 10 ft. The partial area of the CU was released back to the subcontractor for unrestricted use on July 2, 1996, with the remainder released back on August 6, 1996.

The radioactivity background readings ranged between 10,500 CPM - 11,500 CPM. The final walkover surveys were conducted on June 21, 1996 and August 9, 1996. The final walkover survey results were less than 1.5 times the background level.

Forty-one confirmation soil samples were collected from the 41 designated locations (Figure A-16, Appendix A). Enough of the predetermined sample locations were within trenches; therefore, no additional utility locations were added. Table 5-16 presents sample totals, and concentration ranges and averages for the preliminary and final results of both the partial and remainder areas of CU35.

One Th-230 hot spot area was identified from the sample results at sample location SC-03524-S. The area was excavated and resampled. Sample results indicated Th-230 concentrations were below ALARA. Sample location SC-03524-S is located on the CU33/CU35/CU36 boundary and is included in all three CU discussions.

One sampling deviation occurred at CU35. Sample location SC-03520-C was inadvertently not sampled during regular soil sampling. Following release of the CU, samples were collected from the location. The results were added to the Disposition Form and an interoffice correspondence (IOC) was issued (Appendix E). The analytical results for this sample are included in Table 5-16.

Review of the final analytical results supports the preliminary results, indicating that remediation activities have been completed. The final results meet the cleanup standards as detailed in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5). After the walkover survey, soil sampling, and remediation activities were completed, disposition forms were reviewed and signed. The partial area of CU35, was released back to the subcontractor for unrestricted use on July 2, 1996. The remainder of CU35 was released back to the subcontractor for unrestricted use on August 22, 1996.

Table 5-16 Confirmation Unit 35 Analytical Results Summary

Contaminant	Preliminary Results				Final Results			
				No. of Samples Above ALARA				No. of Samples Above ALARA
	No. of Samples	Range	Average		No. of Samples	Range	Average	
Arsenic								
(mg/kg)	22	1.8-10.9	6.40	0	22	1.8-10.9	6.40	0
Chromium								
(mg/kg)	22	8.4-19.1	13.66	0	22	8.4-19.1	13.66	0
Lead								
(mg/kg)	22	7.2-20.8	12.19	0	22	7.2-20.8	12.19	0
PCB								
(mg/kg)	25	0-0.09	0.01	0	25	0-0.09	0.01	0
Radium 226								
(pCi/g)	34	0.98-2.66	1.92	0*	34	0.9-1.74	1.25	0*
Radium 228								
(pCi/g)	34	0.57-2.06	1.27	0*	34	0.54-2.18	1.33	0*
Thallium								
(mg/kg)	3	0.82-2	1.47	0	3	0.82-2	1.47	0
Thorium 230								
(pCi/g)	26	0.65-4.35	1.86	0*	26	0.65-4.35	1.82	0*
Thorium 232								
(pCi/g)	See Radium 228 Results				See Radium 228 Results			
Uranium 238								
(pCi/g)	35	1.5-11.72	2.78	0	35	1.35-10.2	2.73	0

* Refer to footnotes (a) and (b).

(a) If both Th-230 and Ra-226, or both Th-232 and Ra-228, are present and not in secular equilibrium, the cleanup criterion applies for the radionuclide with the higher concentration.

(b) At locations where both Ra-226 and Ra-228 are present, the cleanup criterion of 6.2 pCi/g (including background) in the top 15 cm (6 in.) of soil, and 16.2 pCi/g (including background) in each 15-cm (6-in.) layer of soil more than 15 cm (6 in.) below the surface, applies to the sum of the concentrations of these two radionuclides.

5.17 Confirmation Unit 36

Confirmation Unit 36 is located between Building 410 and Building 103 in the southern portion of RU6. The COC's identified for CU36 included U-238, Ra-226, Ra-228, Th-230, Th-232, arsenic, chromium, lead, thallium, and PCBs. The contaminated soil excavation depth ranged from approximately 3 ft to 17 ft. Utility lines were also removed and confirmation samples were collected from sewage and process lines. The subcontractor released Confirmation Unit 36 to the PMC on August 5, 1996, for confirmation sampling. The radioactivity background

level collected for CU35 was 10,500 CPM. The final radioactivity levels were less than 1.5 times the background level. The final walkover survey for this CU was completed on August 5, 1996.

Confirmation soil samples were collected from 30 designated locations (Figure A-17, Appendix A). Twelve of the predetermined sample locations were within utility trenches; therefore, utility parameters were added. No additional utility samples were required. Table 5-17 presents sample totals, and concentration ranges and averages for the preliminary and final results.

One Th-230 hot spot area was identified at sample location SC-03524-S from the sample results. Sample location SC-03524-S was excavated and resampled. Sample results indicated concentrations were below ALARA. This sample location lies on the CU33/CU35/CU36 boundary and is included in all three CU discussions.

After CU36 was released, ORISE identified a hot spot during the walkover survey, located 12 ft north of confirmation sample location SC-03605-S. Due to such elevated gamma readings, (100,000 cpm) no hot spot samples were collected, and additional remediation was conducted. The area was resampled and results indicated concentrations below ALARA. These results can be found in Appendix D under sample ID SC-03605-S-HS01-RS..

Review of the final analytical results supports the preliminary results, indicating that remediation activities have been completed. The final results meet the cleanup standards as detailed in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5). After the walkover survey, soil sampling, and remediation activities were completed, Disposition Forms were reviewed and signed. Confirmation Unit 36 was released back to the subcontractor for unrestricted use on August 12, 1996.

Table 5-17 Confirmation Unit 36 Analytical Results Summary

	Preliminary Results				Final Results			
Contaminant	No. of Samples	Range	Average	No. of Samples Above ALARA	No. of Samples	Range	Average	No. of Samples Above ALARA
Arsenic								
(mg/kg)	12	2.7-9.1	6.01	0	12	2.7-9.1	6.01	0
Chromium								
(mg/kg)	12	8.4-15.7	12.34	0	12	8.4-15.7	12.34	0
Lead								
(mg/kg)	13	8-23.4	13.24	0	13	8-23.4	13.24	0
PCB								
(mg/kg)	13	0-0	0.00	0	13	0-0	0.00	0
Radium 226								
(pCi/g)	15	0.85-2.5	1.87	0*	15	1.07-1.62	1.36	0*

Table 5-17 Confirmation Unit 36 Analytical Results Summary

	Preliminary Results				Final Results			
Contaminant	No. of Samples	Range	Average	No. of Samples Above ALARA	No. of Samples	Range	Average	No. of Samples Above ALARA
Arsenic								
Radium 228								
(pCi/g)	15	0.94-2.06	1.33	0*	15	0.66-2.18	1.34	0*
Thallium								
(mg/kg)	12	0.77-1.9	1.29	0	12	0.77-1.9	1.29	0
Thorium 230								
(pCi/g)	14	1.12-3.29	2.39	0*	14	1.12-3.29	2.39	0*
Thorium 232								
(pCi/g)	See Radium 228 Results				See Radium 228 Results			
Uranium 238								
(pCi/g)	30	1.5-12.82	3.55	0	30	1.53-15.4	4.03	0

* Refer to footnotes (a) and (b).

(a) If both Th-230 and Ra-226, or both Th-232 and Ra-228, are present and not in secular equilibrium, the cleanup criterion applies for the radionuclide with the higher concentration.

(b) At locations where both Ra-226 and Ra-228 are present, the cleanup criterion of 6.2 pCi/g (including background) in the top 15 cm (6 in.) of soil, and 16.2 pCi/g (including background) in each 15-cm (6-in.) layer of soil more than 15 cm (6 in.) below the surface, applies to the sum of the concentrations of these two radionuclides.

5.18 Confirmation Unit 37

Confirmation Unit 37 is located between Building 407 and Building 105 in the center portion of RU6. The COCs identified for CU37 include U-238, Ra-226, Ra-228, Th-230, Th-232, arsenic, chromium, lead, thallium, and PCBs. The contaminated soil excavation depth ranged from approximately 1 ft to 13 ft. Utility lines were also removed and confirmation samples were collected from sewage and process lines. Confirmation Unit 37 was released to the PMC by the subcontractor on August 7, 1996, for confirmation sampling.

The radioactivity background level collected for CU37 was 11,500 CPM. All of the final radioactivity levels were less than 1.5 times the background level. The final walkover survey for this CU was completed on August 7, 1996.

Confirmation soil samples were collected from 34 designated locations (Figure A-18, Appendix A). Thirteen of the predetermined sample locations were within the utility trench; therefore, utility parameters were added. Table 5-18 presents sample totals, and concentration ranges and averages for the preliminary and final results.

Table 5-18 Confirmation Unit 37 Analytical Results Summary

Contaminant	Preliminary Results				Final Results			
	No. of Samples	Range	Average	No. of Samples Above ALARA	No. of Samples	Range	Average	No. of Samples Above ALARA
Arsenic (mg/kg)	14	1.8-13.5	7.67	0	14	1.8-13.5	7.67	0
Chromium (mg/kg)	14	8.4-21.6	13.23	0	14	8.4-21.6	13.23	0
Lead (mg/kg)	14	9.6-26.3	14.76	0	14	9.6-26.3	14.76	0
PCB (mg/kg)	14	0-1.4	0.15	1	14	0-1.4	0.15	1
Radium 226 (pCi/g)	18	1.61-2.7	2.01	0*	18	0.98-1.7	1.37	0*
Radium 228 (pCi/g)	18	0.56-1.59	1.14	0*	18	0.52-1.39	1.11	0*
Thallium (mg/kg)	14	0.82-2.2	1.59	0	14	0.82-2.2	1.59	0
Thorium 230 (pCi/g)	14	2.32-2.93	2.55	0*	14	2.32-2.93	2.55	0*
Thorium 232 (pCi/g)	See Radium 228 Results				See Radium 228 Results			
Uranium 238 (pCi/g)	33	1.45-11.78	3.62	0	33	1.45-16.4	3.74	0

* Refer to footnotes (a) and (b).

(a) If both Th-230 and Ra-226, or both Th-232 and Ra-228, are present and not in secular equilibrium, the cleanup criterion applies for the radionuclide with the higher concentration.

(b) At locations where both Ra-226 and Ra-228 are present, the cleanup criterion of 6.2 pCi/g (including background) in the top 15 cm (6 in.) of soil, and 16.2 pCi/g (including background) in each 15-cm (6-in.) layer of soil more than 15 cm (6 in.) below the surface, applies to the sum of the concentrations of these two radionuclides.

Review of the final analytical results supports the preliminary results indicating remediation activities have been completed. The final results meet the cleanup standards as detailed in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5). After the walkover survey, soil sampling, and remediation activities were completed, disposition forms were reviewed and signed. Confirmation Unit 37 was released back to the subcontractor for unrestricted use on August 13, 1996.

5.19 Confirmation Unit 38

Confirmation Unit 38 is located near Building 407 in the central portion of RU6. The COCs identified for CU38 include U-238, Ra-226, Ra-228, Th-230, Th-232, arsenic, chromium, lead, thallium, PCBs, and PAHs. Contaminated soil was excavated to a depth ranging from approximately 1 ft to 17 ft. Utility lines were also removed and confirmation samples were collected from sewage and process lines. Confirmation Unit 38 was released to the PMC by the subcontractor on August 08, 1996, for confirmation sampling.

The radioactivity background level collected for CU38 was 11,500 CPM. The final radioactivity levels were less than 1.5 times the background level. The final walkover survey for this CU was completed on August 8, 1996.

Confirmation soil samples were collected from 31 designated locations (Figure A-19, Appendix A). Six of the predetermined grid sample locations were within utility trenches and no additional utility locations were necessary. For those sample locations within the trenches, utility parameters were added. Table 5-19 presents sample totals, and concentration ranges and averages for the preliminary and final results.

Because the average concentration of PAHs exceeded ALARA, an ALARA committee meeting was held. The ALARA committee released the CU because more than 50% of the total confirmation PAH results collected to date were below ALARA. In accordance with the remediation guidelines discussed in Section 2.6, no further remediation was performed.

Table 5-19 Confirmation Unit 38 Analytical Results Summary

Contaminant	Preliminary Results				Final Results			
	No. of Samples	Range	Average	No. of Samples Above ALARA	No. of Samples	Range	Average	No. of Samples Above ALARA
Arsenic (mg/kg)	21	1.9-13.9	7.52	0	21	1.9-13.9	7.52	0
Chromium (mg/kg)	21	8.3-32	17.24	0	21	8.3-32	17.24	0
Lead (mg/kg)	21	8.5-22.8	14.37	0	21	8.5-22.8	14.37	0
PAH (mg/kg)	3	0.24-2.13	1.33	2	3	0.29-2.13	1.34	2
PCB (mg/kg)	21	0-2.2	0.10	1	21	0-2.2	0.10	1

Table 5-19 Confirmation Unit 38 Analytical Results Summary

Contaminant	Preliminary Results				Final Results			
	No. of Samples	Range	Average	No. of Samples Above ALARA	No. of Samples	Range	Average	No. of Samples Above ALARA
Radium 226 (pCi/g)	21	1.41-3.11	2.25	1*	21	1.27-1.87	1.49	1*
Radium 228 (pCi/g)	21	0.43-2.75	1.35	1*	21	0.58-3.21	1.40	1*
Thallium (mg/kg)	9	0.27-1.3	0.80	0	9	0.27-1.3	0.80	0
Thorium 230 (pCi/g)	21	1.07-2.98	2.45	0*	21	1.07-3.2	2.46	0*
Thorium 232 (pCi/g)	See Radium 228 Results				See Radium 228 Results			
Uranium 238 (pCi/g)	31	1.53-41.33	5.12	1	31	1.56-40.1	5.20	1

* Refer to footnotes (a) and (b).

(a) If both Th-230 and Ra-226, or both Th-232 and Ra-228, are present and not in secular equilibrium, the cleanup criterion applies for the radionuclide with the higher concentration.

(b) At locations where both Ra-226 and Ra-228 are present, the cleanup criterion of 6.2 pCi/g (including background) in the top 15 cm (6 in.) of soil, and 16.2 pCi/g (including background) in each 15-cm (6-in.) layer of soil more than 15 cm (6 in.) below the surface, applies to the sum of the concentrations of these two radionuclides.

On August 16, 1996, after the initial release of the CU, ORISE identified four areas with elevated gamma readings during a walkover survey. One hot spot area was identified 3 ft east of sample location SC-03805-S, and one hot spot area was identified 6 ft east of sample location SC-03805-S. The third area was located 3 ft north of sample location SC-03807-S, and the last area was identified 16 ft southwest of sample location SC-03805-S. No hot spot samples were collected due to the very elevated gamma readings . Instead, additional soil was excavated based on elevated walkover survey results and the areas resampled. These resample results can be found in Appendix D and Appendix F under the following sampling IDs: SC-03805-S-RS01, SC-03805-S-RS02, SC-03807-S-RS, and SC-03809-S-RS. These locations can also be seen on Figure A-19 in Appendix A. The resampling results indicated concentrations were below ALARA and the additional remediation was complete.

Review of the final analytical results supports the preliminary results indicating remediation activities have been completed. The final results meet the cleanup standards as detailed in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5). After the walkover survey, soil sampling, remediation activities were completed and Disposition Forms

were reviewed and signed. Confirmation Unit 38 was released back to the subcontractor for unrestricted use on August 14, 1996.

5.20 Confirmation Unit 39

Confirmation Unit 39 is located at the Building 403 foundation area in the north central portion of RU6. The COCs identified for CU39 include U-238, Ra-226, Ra-228, Th-230, Th-232, arsenic, chromium, lead, PCBs, and PAHs. Contaminated soil was excavated to depths ranging from approximately 1 ft to 7 ft. Utility lines were also removed and confirmation samples were collected from sewer and process utility trenches. The subcontractor released Confirmation Unit 39 to the PMC on August 6, 1996, for confirmation sampling.

The radioactivity background level collected for CU39 was 10,500 CPM. All of the final radioactivity levels were less than 1.5 times the background level. The final walkover survey for this CU was completed on August 6, 1996.

Confirmation soil samples were collected from 41 designated locations (Figure A-20, Appendix A). Seven of the predetermined grid sample locations were within utility trenches and utility parameters were added. No additional utility samples were collected. Table 5-20 presents sample totals, and concentration ranges and averages for the preliminary and final results.

Table 5-20 Confirmation Unit 39 Analytical Results Summary

Contaminant	Preliminary Results				Final Results			
	No. of Samples	Range	Average	No. of Samples Above ALARA	No. of Samples	Range	Average	No. of Samples Above ALARA
Arsenic (mg/kg)	39	2-17.7	7.88	0	39	2-17.7	7.88	0
Chromium (mg/kg)	39	8-23.2	14.42	0	39	8-23.2	14.42	0
Lead (mg/kg)	39	7.2-33.4	13.61	0	39	7.2-33.4	13.61	0
PAH (mg/kg)	17	0-2.46	0.70	7	17	0-2.46	0.71	7
PCB (mg/kg)	40	0-2.2	0.07	1	40	0-2.2	0.07	1
Radium 226 (pCi/g)	39	1.63-2.77	2.15	0*	39	1.08-1.71	1.42	0*
Radium 228 (pCi/g)	39	0.57-1.64	1.20	0*	39	0.62-1.69	1.22	0*

Table 5-20 Confirmation Unit 39 Analytical Results Summary

Contaminant	Preliminary Results				Final Results			
				No. of Samples Above ALARA				No. of Samples Above ALARA
	No. of Samples	Range	Average		No. of Samples	Range	Average	
Thorium 230 (pCi/g)	40	1.02-3.63	2.32	0*	40	1.02-3.63	2.33	0*
Thorium 232 (pCi/g)	See Radium 228 Results				See Radium 228 Results			
Uranium 238 (pCi/g)	36	1.48-15.77	3.60	0	36	1.45-14.6	3.51	0

* Refer to footnotes (a) and (b).

(a) If both Th-230 and Ra-226, or both Th-232 and Ra-228, are present and not in secular equilibrium, the cleanup criterion applies for the radionuclide with the higher concentration.

(b) At locations where both Ra-226 and Ra-228 are present, the cleanup criterion of 6.2 pCi/g (including background) in the top 15 cm (6 in.) of soil, and 16.2 pCi/g (including background) in each 15-cm (6-in.) layer of soil more than 15 cm (6 in.) below the surface, applies to the sum of the concentrations of these two radionuclides.

The average PAH concentration was above ALARA for this CU. Based on the remediation guidelines discussed in Section 2.6, more than 50% of the samples for each parameter must have concentrations below ALARA. Approximately 75% of the confirmation samples contained PAH concentrations below ALARA; therefore, the ALARA committee released the CU.

A U-238 hot spot area near sample location SC-03916-S was identified during a walkover survey by ORISE following release of the CU. No hot spot samples were collected, instead, additional soil was excavated based on the walkover survey results. The area was resampled on August 16, 1996. The resampling results confirmed that the removal was complete. Since the hot spot was identified after the CU was released, the sample results are not included in Table 5-20. Results of the resample are presented in Appendix D under the following sample ID: SC-03916-S-RS.

Review of the final analytical results supports the preliminary results, indicating that remediation activities have been completed. The final results meet the cleanup standards as detailed in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5). After the walkover survey, soil sampling, and remediation activities were completed, Disposition Forms were reviewed and signed. Confirmation Unit 39 was released back to the subcontractor for unrestricted use on August 14, 1996.

5.21 Confirmation Unit 40

Confirmation Unit 40 is located in the northern portion of RU6. The COCs identified for CU40 include U-238, Ra-226, Ra-228, Th-230, Th-232, arsenic, chromium, lead, PAHs, and PCBs. The contaminated soil excavation depth ranged from 1 ft to 7 ft. Utility lines were also removed and confirmation samples were collected from sewer and process utility trenches. The subcontractor released Confirmation Unit 40 to the PMC on August 2, 1996, for confirmation sampling.

The radioactivity background level collected for CU40 was 12,000 CPM. All final radioactivity levels were less than 1.5 times the background level. The walkover surveys for this CU were completed on August 1, 1996.

Confirmation soil samples were collected from 41 designated locations (Figure A-21, Appendix A). Four of the predetermined grid sample locations were within a utility trench; therefore, utility parameters were collected. One additional utility sample location was added. Table 5-21 presents sample totals, and concentration ranges and averages for the preliminary and final results.

Table 5-21 Confirmation Unit 40 Analytical Results Summary

Contaminant	Preliminary Results				Final Results			
	No. of Samples	Range	Average	No. of Samples Above ALARA	No. of Samples	Range	Average	No. of Samples Above ALARA
Arsenic (mg/kg)	19	4.7-16.2	8.34	0	19	4.7-16.2	8.34	0
Chromium (mg/kg)	17	12.3-21.3	16.34	0	17	12.3-21.3	16.34	0
Lead (mg/kg)	17	10-20	14.01	0	17	10-20	14.01	0
PAH (mg/kg)	6	0.08-0.45	0.22	1	6	0.08-0.45	0.22	1
PCB (mg/kg)	27	0-0.75	0.07	1	27	0-0.75	0.07	1
Radium 226 (pCi/g)	17	2.09-2.81	2.44	0*	17	1.23-1.64	1.41	0*
Radium 228 (pCi/g)	17	0.67-1.49	1.25	0*	17	0.68-1.82	1.28	0*
Thorium 230 (pCi/g)	18	0.97-2.71	1.34	0*	18	0.97-2.71	1.34	0*

Table 5-21 Confirmation Unit 40 Analytical Results Summary

Contaminant	Preliminary Results				Final Results			
	No. of Samples	Range	Average	No. of Samples Above ALARA	No. of Samples	Range	Average	No. of Samples Above ALARA
Thorium 232 (pCi/g)	See Radium 228 Results				See Radium 228 Results			
Uranium 238 (pCi/g)	37	1.48-12.47	3.12	0	37	1.48-12.5	3.04	0

* Refer to footnotes (a) and (b).

(a) If both Th-230 and Ra-226, or both Th-232 and Ra-228, are present and not in secular equilibrium, the cleanup criterion applies for the radionuclide with the higher concentration.

(b) At locations where both Ra-226 and Ra-228 are present, the cleanup criterion of 6.2 pCi/g (including background) in the top 15 cm (6 in.) of soil, and 16.2 pCi/g (including background) in each 15-cm (6-in.) layer of soil more than 15 cm (6 in.) below the surface, applies to the sum of the concentrations of these two radionuclides.

No hot spot areas were identified from the sample results. No additional contaminated soil excavation was required and no deviations from the sample plan occurred at CU40.

Review of the final analytical results supports the preliminary results, indicating that remediation activities have been completed. The final results meet the cleanup standards as detailed in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5). After the walkover survey and soil sampling activities were completed, Disposition Forms were reviewed and signed. Confirmation Unit 40 was released back to the subcontractor for unrestricted use on August 8, 1996.

5.22 Confirmation Unit 41

Confirmation Unit 41 is located between the foundations of Buildings 403 and 105 in the center portion of RU6. The COCs identified for CU41 include U-238, Ra-226, Ra-228, Th-230, Th-232, arsenic, chromium, lead, thallium, PCBs, and PAHs. The contaminated soil removal excavation depth ranged from approximately 2 ft to 10 ft. Utility lines were also removed and confirmation samples were collected from sewer and process utility trenches. Confirmation Unit 41 was released to the PMC by the subcontractor on August 9, 1996, for confirmation sampling.

The radioactivity background level collected for CU40 was 11,500 CPM. The final radioactivity levels were less than 1.5 times the background level. The final walkover survey for this CU was completed on August 9, 1996.

Confirmation soil samples were collected from 29 designated locations (Figure A-22, Appendix A). Ten of the predetermined sample locations were within utility trenches; therefore, utility parameters were added. No additional utility sample located were necessary. Table 5-22 presents sample totals, and concentration ranges and averages for the preliminary and final results.

No hot spot areas were identified from the sample results. No additional contaminated soil excavation was required, and no deviations from the sampling plan occurred at CU41.

Review of the final analytical results supports the preliminary results indicating remediation activities have been completed. The final results meet the cleanup standards as detailed in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5). After the walkover survey, soil sampling, and remediation activities were completed, Disposition Forms were reviewed and signed. Confirmation Unit 41 was released back to the subcontractor for unrestricted use on August 16, 1996.

Table 5-22 Confirmation Unit 41 Analytical Results Summary

Contaminant	Preliminary Results				Final Results			
				No. of Samples Above ALARA				No. of Samples Above ALARA
	No. of Samples	Range	Average		No. of Samples	Range	Average	
Arsenic (mg/kg)	11	3.5-9.8	6.52	0	11	3.5-9.8	6.52	0
Chromium (mg/kg)	11	11.3-19.3	14.85	0	11	11.3-19.3	14.85	0
Lead (mg/kg)	11	8.5-19.1	11.80	0	11	8.5-19.1	11.80	0
PAH (mg/kg)	2	0.03-0.07	0.05	0	2	0.03-0.07	0.05	0
PCB (mg/kg)	14	0-0.19	0.03	0	14	0-0.19	0.03	0
Radium 226 (pCi/g)	14	0.98-2.43	1.91	0*	14	0.98-1.74	1.42	0*
Radium 228 (pCi/g)	17	0.64-1.99	1.21	0*	17	0.66-1.99	1.26	0*
Thallium (mg/kg)	1	2.2-2.2	2.20	0	1	2.2-2.2	2.20	0
Thorium 230 (pCi/g)	14	2.46-4.89	2.93	0*	14	2.46-4.89	2.89	0*
Thorium 232 (pCi/g)	See Radium 228 Results				See Radium 228 Results			
Uranium 238 (pCi/g)	29	1.51-12.19	3.42	0	29	1.51-16.4	3.69	0

* Refer to footnotes (a) and (b).

(a) If both Th-230 and Ra-226, or both Th-232 and Ra-228, are present and not in secular equilibrium, the cleanup criterion applies for the radionuclide with the higher concentration.

(b) At locations where both Ra-226 and Ra-228 are present, the cleanup criterion of 6.2 pCi/g (including background) in the top 15 cm (6 in.) of soil, and 16.2 pCi/g (including background) in each 15-cm (6-in.) layer of soil more than 15 cm (6 in.) below the surface, applies to the sum of the concentrations of these two radionuclides.

5.23 Confirmation Unit 42

Confirmation Unit 42 is located at the western end of Building 101 on the western boundary of RU6. The COCs identified for CU42 include U-238, Ra-226, Ra-228, Th-230, Th-232, arsenic, chromium, lead, and PCBs. CU42 was released in two sections, a partial area on June 28, 1996, and the remainder on August 12, 1996. The contaminated soil removal was completed on June 28, 1996, and the excavation depth ranged from 4 ft to 8 ft. Utility lines were also removed and confirmation samples were collected from the sewer and process utility trenches. During the utility line removal, an additional excavation depth of 1 ft to 2 ft was achieved.

The radioactivity background levels collected ranged between 10,000 CPM - 10,500 CPM. The final radioactivity levels were less than 1.5 times the background level. The walkover surveys for the CU were completed on August 12, 1996. Confirmation soil samples were collected from 24 of the 30 designated locations (Figure A-23, Appendix A).

The confirmation soil samples were collected from 30 designated locations (Figure A-23, Appendix A). One of the predetermined sample locations in the remainder area was within the utility trenches; therefore, utility parameters were collected. Five additional utility sample locations were added. Table 5-23 presents sample totals, and concentration ranges and averages of the preliminary and final results for both the partial and remainder areas for the CU.

No hot spot areas were identified from the sample results. No additional contaminated soil excavation was required and no deviations from the sampling plan occurred at CU42

Review of the final analytical results supports the preliminary results indicating remediation activities have been completed. The final results meet the cleanup standards as detailed in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5). The partial area of Confirmation Unit 42 was released back to the subcontractor for unrestricted use on July 8, 1996. The remainder of this CU was released back to the subcontractor for unrestricted use on August 22, 1996.

5.24 Confirmation Unit 43

Confirmation Unit 43 is located at the eastern end of Building 101 area in the western portion of RU6. The COCs identified for CU43 include U-238, Ra-226, Ra-228, Th-230, Th-232, arsenic, chromium, lead, PAHs, and PCBs. The excavation of contaminated soil in the partial CU area was completed in June 1996 to approximate depths of 4 ft to 10 ft. Utility lines

Table 5-23 Confirmation Unit 42 Analytical Results Summary

Contaminant	Preliminary Results				Final Results			
				No. of Samples Above ALARA				No. of Samples Above ALARA
	No. of Samples	Range	Average		No. of Samples	Range	Average	
Arsenic								
(mg/kg)	21	2.5-8.8	4.89	0	21	2.5-8.8	4.89	0
Chromium								
(mg/kg)	21	10.3-24.9	19.52	0	21	10.3-24.9	19.52	0
Lead								
(mg/kg)	21	7.6-24.3	11.81	0	21	7.6-24.3	11.81	0
PCB								
(mg/kg)	22	0-0.02	0.001	0	22	0-0.02	0.00	0
Radium 226								
(pCi/g)	22	0.82-2.93	2.25	0*	22	1.07-1.64	1.36	0*
Radium 228								
(pCi/g)	22	0.97-1.51	1.22	0*	22	0.94-1.66	1.30	0*
Thorium 230								
(pCi/g)	21	0.83-2.56	1.30	0*	21	0.83-2.56	1.30	0*
Thorium 232								
(pCi/g)	See Radium 228 Results				See Radium 228 Results			
Uranium 238								
(pCi/g)	36	1.49-3.57	1.96	0	36	1.49-3.31	1.94	0

* Refer to footnotes (a) and (b).

(a) If both Th-230 and Ra-226, or both Th-232 and Ra-228, are present and not in secular equilibrium, the cleanup criterion applies for the radionuclide with the higher concentration.

(b) At locations where both Ra-226 and Ra-228 are present, the cleanup criterion of 6.2 pCi/g (including background) in the top 15 cm (6 in.) of soil, and 16.2 pCi/g (including background) in each 15-cm (6-in.) layer of soil more than 15 cm (6 in.) below the surface, applies to the sum of the concentrations of these two radionuclides.

were also removed and confirmation samples were collected from the sewer and process utility trenches.

The radioactivity background reading collected for the partial area CU43 was 10,000 cpm. The final walkover results for the partial area were less than 1.5 times the background level. The final walkovers were completed on June 28, 1996.

The remainder of CU43 was released to the PMC by the subcontractor in August 1996, for confirmation sampling. The contaminated soil removal excavation depth ranged from 4 ft to 10 ft for the remainder area. Utilities were also removed and confirmation samples were collected from the sewer and process utility trenches.

The radioactivity background reading collected for the remainder area of CU43 was 10,500 cpm. The final radioactivity levels were less than 1.5 times the background level. The final walkover surveys for the remainder area of the CU were completed on August 9, 1996.

Confirmation soil samples were collected at 42 predetermined locations. (Figure A-24 Appendix A). There were seven utility locations added (Appendix A, Figure A-24). Table 5-24 presents sample totals, and concentration ranges and averages for the preliminary and final results of both the partial and remainder areas of CU43. No hot spot areas were identified from the sample results.

ORISE identified one area during their walkover survey that was 5 ft west of sample location SC-04307-S. A sample (SC-04307-S-HS01) was collected at the location with the most elevated gamma reading and had a U-238 concentration of 49.6 pCi/g. Because analytical results were less than criteria, and the U-238 average remaining below ALARA, the area was not remediated. All analytical results are presented in Appendix D and Appendix F.

Review of the final analytical results supports the preliminary results indicating remediation activities have been completed. The final results meet the cleanup standards as detailed in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5). After the walkover survey, soil sampling, and remediation activities were completed, Disposition Forms were reviewed and signed. The partial area of CU43 was released back to the subcontractor for

Table 5-24 Confirmation Unit 43 Analytical Results Summary

Contaminant	Preliminary Results				Final Results			
	No. of Samples	Range	Average	No. of Samples Above ALARA	No. of Samples	Range	Average	No. of Samples Above ALARA
Arsenic (mg/kg)	31	2-11.1	5.61	0	31	1.85-11.1	5.07	0
Chromium (mg/kg)	31	13.2-30.4	21.72	0	31	13.2-30.4	21.72	0
Lead (mg/kg)	31	6.6-25.2	13.12	0	31	6.6-25.2	13.12	0
PAH (mg/kg)	2	0.01-0.03	0.02	0	2	0.01-0.03	0.02	0

Table 5-24 Confirmation Unit 43 Analytical Results Summary

Contaminant	Preliminary Results				Final Results			
	No. of Samples	Range	Average	No. of Samples Above ALARA	No. of Samples	Range	Average	No. of Samples Above ALARA
PCB (mg/kg)	35	0-0.1	0.01	0	35	0-0.1	0.01	0
Radium 226 (pCi/g)	36	1.5-2.79	2.26	0*	36	1.09-1.64	1.38	0*
Radium 228 (pCi/g)	36	0.65-1.46	1.18	0*	36	0.62-1.6	1.20	0*
Thorium 230 (pCi/g)	31	0.87-2.96	1.35	0*	31	0.87-2.96	1.35	0*
Thorium 232 (pCi/g)	See Radium 228 Results				See Radium 228 Results			
Uranium 238 (pCi/g)	42	1.5-10.28	2.47	0	42	1.53-10.1	2.44	0

* Refer to footnotes (a) and (b).

(a) If both Th-230 and Ra-226, or both Th-232 and Ra-228, are present and not in secular equilibrium, the cleanup criterion applies for the radionuclide with the higher concentration.

(b) At locations where both Ra-226 and Ra-228 are present, the cleanup criterion of 6.2 pCi/g (including background) in the top 15 cm (6 in.) of soil, and 16.2 pCi/g (including background) in each 15-cm (6-in.) layer of soil more than 15 cm (6 in.) below the surface, applies to the sum of the concentrations of these two radionuclides.

unrestricted use on July 8, 1996. The remainder of CU43 was released back to the subcontractor for unrestricted use on August 22, 1996.

5.25 Confirmation Unit 44

Confirmation Unit 44 is located just west of the Building 403 area in the central portion of RU6. The COCs identified for CU44 include U-238, Ra-226, Ra-228, Th-230, Th-232, arsenic, chromium, lead, PAHs, and PCBs. The contaminated soil removal was completed in July 1996. Excavation depths ranged from approximately 3 ft to 5 ft. Utility lines were also removed (an additional excavation depth of approximately 4 feet) and confirmation samples were collected from the sewer and process utility trenches.

The radioactivity background level collected for CU44 was 11,500 CPM. The final radioactivity levels were less than 1.5 times the background level. The walkover surveys for this CU were completed on July 18, 1996.

Confirmation soil samples were collected at 32 designated locations (Figure A-25, Appendix A). Utility parameters were added to sample locations located within utility trenches. No additional utility samples were required. Table 5-25 presents sample totals, and concentration ranges and averages for the preliminary and final results.

No hot spot areas were identified from the sample results. No additional contaminated soil excavation was required and no deviations from the sampling plan occurred at CU44.

Review of the final analytical results supports the preliminary results indicating remediation activities have been completed. The final results meet the cleanup standards as detailed in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5). After the walkover survey, soil sampling, and remediation activities were completed, Disposition Forms were reviewed and signed. Confirmation Unit 44 was released back to the subcontractor for unrestricted use on July 24, 1996.

Table 5-25 Confirmation Unit 44 Analytical Results Summary

Contaminant	Preliminary Results				Final Results			
				No. of Samples Above				No. of Samples Above
	No. of Samples	Range	Average	ALARA	No. of Samples	Range	Average	ALARA
Arsenic								
(mg/kg)	4	6.9-10.6	8.75	0	4	6.9-10.6	8.75	0
Chromium								
(mg/kg)	4	15.9-19.3	17.00	0	4	15.9-19.3	17.00	0
Lead								
(mg/kg)	4	11.3-20.1	15.13	0	4	11.3-20.1	15.13	0
PAH								
(mg/kg)	5	0.01-0.76	0.17	1	5	0.01-0.76	0.18	1
PCB								
(mg/kg)	15	0-0.29	0.05	0	15	0-0.29	0.05	0
Radium 226								
(pCi/g)	4	2.09-2.77	2.38	0*	4	1.35-1.51	1.44	0*
Radium 228								
(pCi/g)	13	0.96-1.99	1.29	0*	13	0.97-1.99	1.28	0*
Thorium 230								
(pCi/g)	14	2.53-4.89	2.96	0*	14	2.53-4.89	2.95	0*
Thorium 232								
(pCi/g)	See Radium 228 Results				See Radium 228 Results			
Uranium 238								
(pCi/g)	31	1.44-12.19	2.97	0	31	1.44-12.2	3.08	0

(a) If both Th-230 and Ra-226, or both Th-232 and Ra-228, are present and not in secular equilibrium, the cleanup criterion applies for the radionuclide with the higher concentration.

(b) At locations where both Ra-226 and Ra-228 are present, the cleanup criterion of 6.2 pCi/g (including background) in the top 15 cm (6 in.) of soil, and 16.2 pCi/g (including background) in each 15-cm (6-in.) layer of soil more than 15 cm (6 in.) below the surface, applies to the sum of the concentrations of these two radionuclides.

5.26 Confirmation Unit 45

Confirmation Unit 45 is located in the northwestern portion of RU6. The only COC identified for CU45 was U-238. Excavation of contaminated soil was completed in June 1996 to a depth of approximately 6 in. There were no utilities associated with this CU.

The radioactivity background levels collected for CU45 was 10,000 CPM. The final radioactivity levels were less than 1.5 times the background level. The final walkover survey was completed on June 24, 1996.

Confirmation soil samples were collected at the 28 designated locations (Figure A-26, Appendix A). Table 5-26 presents sample totals, and concentration ranges and averages for the preliminary and final results.

Table 5-26 Confirmation Unit 45 Analytical Results Summary

Contaminant	Preliminary Results				Final Results			
				No. of				No. of
				Samples				Samples
	No. of			Above	No. of			Above
	Samples	Range	Average	ALARA	Samples	Range	Average	ALARA
Uranium 238								
(pCi/g)	28	1.38-28.63	3.26	0	28	1.38-28.6	3.25	0

(a) If both Th-230 and Ra-226, or both Th-232 and Ra-228, are present and not in secular equilibrium, the cleanup criterion applies for the radionuclide with the higher concentration.

(b) At locations where both Ra-226 and Ra-228 are present, the cleanup criterion of 6.2 pCi/g (including background) in the top 15 cm (6 in.) of soil, and 16.2 pCi/g (including background) in each 15-cm (6-in.) layer of soil more than 15 cm (6 in.) below the surface, applies to the sum of the concentrations of these two radionuclides.

No hot spot areas were identified from the sample results. ORISE did identify an area with elevated readings after the CU was released as detailed below.

On July 17, 1996, ORISE identified an area located 10 ft west of sample point SC-04601-S on the CU45/CU46 boundary during walkover with elevated gamma readings. Because the area was located on a boundary for two CUs, it is discussed in both CUs. Two additional samples were collected and identified as SC-04601-S-HS01 and SC-04601-S-HS02.

All results were less than criteria and the averages for the CU remained below ALARA, therefore, no additional excavation was required. Analytical results for the resamples are included in Appendix D.

Review of the final analytical results supports the preliminary results, indicating that remediation activities have been completed. The final results meet the cleanup standards as detailed in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5). After the walkover survey, soil sampling, remediation activities were completed, Disposition Forms were reviewed and signed. Confirmation Unit 45 was released back to the subcontractor for unrestricted use on June 27, 1996.

5.27 Confirmation Unit 46

Confirmation Unit 46 is located in the northwest portion of RU6. Uranium 238 was the only COC identified for this confirmation unit. Excavation of contaminated soil was completed in June 1996 to a depth of approximately 6 in.

The radioactivity background level collected for CU46 was 10,000 CPM. The final radioactivity levels were less than 1.5 times the background level. The utility trench walkover surveys were completed on June 5, 1996. The walkover surveys for this CU were completed on June 26 and 27, 1996.

Confirmation soil samples were collected at the 31 designated locations (Figure A-27, Appendix A). No additional utility samples were collected. Table 5-27 presents sample totals, and concentration ranges and averages for the preliminary and final results.

On July 17, 1996, ORISE identified an area located 10 ft west of sample point SC-04601-S on the CU45/CU46 boundary during walkover with elevated gamma readings. Because the area was located on a boundary for two CUs, it is discussed in both CUs. Two additional samples were collected and identified as SC-04601-S-HS01 and SC-04601-S-HS02. All results were less than criteria and the averages for the CU remained below ALARA, therefore, no additional excavation was required. Analytical results for the resamples are included in Appendix D.

Table 5-27 Confirmation Unit 46 Analytical Results Summary

Contaminant	Preliminary Results				Final Results			
				No. of				No. of
				Samples				Samples
	No. of			Above	No. of			Above
	Samples	Range	Average	ALARA	Samples	Range	Average	ALARA
Uranium 238								
(pCi/g)	31	1.06-10.36	3.16	0	31	1.06-10.4	3.12	0

(a) If both Th-230 and Ra-226, or both Th-232 and Ra-228, are present and not in secular equilibrium, the cleanup criterion applies for the radionuclide with the higher concentration.

(b) At locations where both Ra-226 and Ra-228 are present, the cleanup criterion of 6.2 pCi/g (including background) in the top 15 cm (6 in.) of soil, and 16.2 pCi/g (including background) in each 15-cm (6-in.) layer of soil more than 15 cm (6 in.) below the surface, applies to the sum of the concentrations of these two radionuclides.

Review of the final analytical results supports the preliminary results, indicating that remediation activities have been completed. The final results meet the cleanup standards as detailed in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5). After the walkover survey, soil sampling, and remediation activities were completed, Disposition Forms were reviewed and signed. Confirmation Unit 46 was released back to the subcontractor for unrestricted use on July 3, 1996.

5.28 Confirmation Unit 47

Confirmation Unit 47 is located just west of the Building 403 area in the north central portion of RU6. The COCs identified for CU47 include U-238, Ra-226, Ra-228, Th-230, Th-232, arsenic, chromium, lead, and PCBs. The contaminated soil removal was completed in July 1996 to depths that ranged from approximately 3 ft to 5 ft. Utility lines were also removed (an additional excavation depth of approximately 4 ft) and confirmation samples were collected from the sewer and process utility trenches.

The radioactivity background level collected for CU47 was 11,500 CPM. The final radioactivity levels were less than 1.5 times the background level. The walkover surveys for this CU were completed on July 17, 1996.

Confirmation soil samples were collected at the 30 designated locations (Figure A-28, Appendix A). There were an additional five utility samples collected. Table 5-28 presents sample totals, and concentration ranges and averages for the preliminary and final results.

Table 5-28 Confirmation Unit 47 Analytical Results Summary

Contaminant	Preliminary Results				Final Results			
	No. of Samples	Range	Average	No. of Samples Above ALARA	No. of Samples	Range	Average	No. of Samples Above ALARA
Arsenic (mg/kg)	1	7.7-7.7	7.70	0	1	7.7-7.7	7.70	0
Chromium (mg/kg)	1	15.9-15.9	15.90	0	1	15.9-15.9	15.90	0
Lead (mg/kg)	1	11.3-11.3	11.30	0	1	11.3-11.3	11.30	0
PCB (mg/kg)	15	0-0.75	0.11	1	15	0-0.75	0.11	1
Radium 226 (pCi/g)	6	2.07-2.54	2.28	0*	6	1.35-1.51	1.42	0*
Radium 228 (pCi/g)	6	1.13-1.52	1.29	0*	6	1.16-1.45	1.32	0*
Thorium 230 (pCi/g)	14	2.42-2.8	2.63	0*	14	2.42-2.8	2.63	0*
Thorium 232 (pCi/g)	See Radium 228 Results				See Radium 228 Results			
Uranium 238 (pCi/g)	35	1.33-12.47	2.64	0	35	1.42-12.5	2.67	0

* Refer to footnotes (a) and (b).

(a) If both Th-230 and Ra-226, or both Th-232 and Ra-228, are present and not in secular equilibrium, the cleanup criterion applies for the radionuclide with the higher concentration.

(b) At locations where both Ra-226 and Ra-228 are present, the cleanup criterion of 6.2 pCi/g (including background) in the top 15 cm (6 in.) of soil, and 16.2 pCi/g (including background) in each 15-cm (6-in.) layer of soil more than 15 cm (6 in.) below the surface, applies to the sum of the concentrations of these two radionuclides.

No hot spot areas were identified from the sample results. No additional contaminated soil excavation was required and no deviations from the sampling plan occurred at CU47.

Review of the final analytical results supports the preliminary results indicating remediation activities have been completed. The final results meet the cleanup standards as detailed in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5). After the walkover survey, soil sampling, remediation activities were completed, Disposition Forms were reviewed and signed. Confirmation Unit 47 was released back to the subcontractor for unrestricted use on July 24, 1996.

5.29 Confirmation Unit 48

Confirmation Unit 48 is located south of the asbestos storage area in the northern portion of RU6. The only COC for CU48 was U-238. The excavation of contaminated soil was completed in July 1996, to a depth of approximately 6 in. Two utility samples were collected from a trench suspected of containing utilities. Further investigation of the trench at a later date determined that no process or sewer utility lines were present. A number of additional unrelated utility lines are shown on the Radiation Survey Form (Appendix B).

The northern boundary of this CU was revised and moved to the south. A dashed line shows the approximate location of the revised boundary on Figure A-29 in Appendix A. The northern area formerly included in CU48 will be evaluated and remediated under WP-437. Based on the revised CU boundary, the following sample locations were eliminated: SC-04803-S, SC-04804-C and SC-04810-S. The new CU boundary was surveyed and an IOC documenting the change was issued. A copy of the IOC is included in Appendix E.

The radioactivity background level collected for CU48 was 10,000 CPM. The final radioactivity levels were less than 1.5 times the background level. The final walkover survey was completed on July 12, 1996.

Confirmation soil samples were collected at the 28 designated locations (Figure A-29, Appendix A) and two additional utility sample locations. Table 5-29 presents sample totals, and concentration ranges and averages for the preliminary and final results.

No hot spot areas were identified from the sample results. Review of the final analytical results supports the preliminary results indicating remediation activities have been completed. The final results meet the cleanup standards as detailed in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5). After the walkover survey, soil sampling, and remediation activities were completed, Disposition Forms were reviewed and signed. Confirmation Unit 48 was released back to the subcontractor for unrestricted use on July 23, 1996.

Table 5-29 Confirmation Unit 48 Analytical Results Summary

Contaminant	Preliminary Results				Final Results			
				No. of				No. of
				Samples				Samples
	No. of			Above	No. of			Above
	Samples	Range	Average	ALARA	Samples	Range	Average	ALARA
Uranium 238								
(pCi/g)	30	1.46-10.36	2.78	0	30	1.46-10.4	2.78	0

(a) If both Th-230 and Ra-226, or both Th-232 and Ra-228, are present and not in secular equilibrium, the cleanup criterion applies for the radionuclide with the higher concentration.

(b) At locations where both Ra-226 and Ra-228 are present, the cleanup criterion of 6.2 pCi/g (including background) in the top 15 cm (6 in.) of soil, and 16.2 pCi/g (including background) in each 15-cm (6-in.) layer of soil more than 15 cm (6 in.) below the surface, applies to the sum of the concentrations of these two radionuclides.

5.30 Confirmation Unit 49

Confirmation Unit 49 is located south of the asbestos storage area in the northern portion of RU6. The only COC identified for CU49 was U-238. Excavation of contaminated soil was completed in June 1996, to a depth of approximately 6 in. There were no utility lines associated with this CU.

The northern boundary of this CU was revised and moved to the south. A dashed line shows the approximate location of the revised boundary on Figure A-30 in Appendix A. The revised CU boundary was surveyed and an IOC documenting the change was issued. A copy of the IOC is included in Appendix E. The northern area formerly included in CU49 will be evaluated and remediated under WP-437. Based on the revised CU boundary, the following two sample locations were eliminated: SC-05009-S and SC-04903-C.

The radioactivity background level collected for CU49 was 10,000 CPM. The final radioactivity levels were less than 1.5 times the background level. The final walkover survey was completed on June 26, 1996.

Confirmation soil samples were collected at 21 designated locations (Figure A-30, Appendix A). Table 5-30 presents sample totals, and concentration ranges and averages for the preliminary and final results.

Table 5-30 Confirmation Unit 49 Analytical Results Summary

Contaminant	Preliminary Results				Final Results			
				No. of				No. of
				Samples				Samples
	No. of			Above	No. of			Above
	Samples	Range	Average	ALARA	Samples	Range	Average	ALARA
Uranium 238								
(pCi/g)	21	1.48-5.07	2.12	0	21	1.48-5.07	2.12	0

(a) If both Th-230 and Ra-226, or both Th-232 and Ra-228, are present and not in secular equilibrium, the cleanup criterion applies for the radionuclide with the higher concentration.

(b) At locations where both Ra-226 and Ra-228 are present, the cleanup criterion of 6.2 pCi/g (including background) in the top 15 cm (6 in.) of soil, and 16.2 pCi/g (including background) in each 15-cm (6-in.) layer of soil more than 15 cm (6 in.) below the surface, applies to the sum of the concentrations of these two radionuclides.

No hot spot areas were identified from the sample results. Review of the final analytical results supports the preliminary results indicating remediation activities have been completed. The final results meet the cleanup standards as detailed in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5). After the walkover survey, soil sampling, and remediation activities were completed, Disposition Forms were reviewed and signed. Confirmation Unit 49 was released back to the subcontractor for unrestricted use on July 1, 1996.

5.31 Confirmation Unit 50

Confirmation Unit 50 is located south of the asbestos storage area in the northern portion of RU6. The COCs identified for CU50 include U-238, Ra-226 and Ra-228. Excavation of contaminated soil was completed in June 1996 to an approximate depth of 6 in. There were no utilities associated with this CU.

The northern boundary of this CU has been revised and moved to the south. A dashed line shows the approximate location of the revised boundary on Figure A-31 in Appendix A. The northern area formerly included in CU 50 will be evaluated and remediated under WP-437. Based on the revised CU boundary, the following sample locations were eliminated: SC-05002-C, SC-05004-S and SC-05009-S. The revised CU boundary was surveyed and an IOC documenting the changes was issued. A copy of the IOC is included in Appendix E.

The radioactivity background level collected for CU50 was 10,500 CPM. The final radioactivity levels were less than 1.5 times the background level. The final walkover survey was completed on June 25, 1996.

Confirmation soil samples were collected at 19 designated locations (Figure A-31, Appendix A). Table 5-31 presents sample totals, and concentration ranges and averages for the preliminary and final results.

Table 5-31 Confirmation Unit 50 Analytical Results Summary

Contaminant	Preliminary Results				Final Results			
				No. of				No. of
				Samples				Samples
	No. of			Above	No. of			Above
	Samples	Range	Average	ALARA	Samples	Range	Average	ALARA
Radium 226								
(pCi/g)	4	2.32-2.79	2.51	0*	4	1.31-1.57	1.41	0*
Radium 228								
(pCi/g)	4	0.69-1.31	1.09	0*	4	0.7-1.47	1.11	0*
Thorium 232								
(pCi/g)	See Radium 228 Results				See Radium 228 Results			
Uranium 238								
(pCi/g)	19	1.43-12.23	2.89	0	19	1.43-12.2	2.82	0

* Refer to footnotes (a) and (b).

(a) If both Th-230 and Ra-226, or both Th-232 and Ra-228, are present and not in secular equilibrium, the cleanup criterion applies for the radionuclide with the higher concentration.

(b) At locations where both Ra-226 and Ra-228 are present, the cleanup criterion of 6.2 pCi/g (including background) in the top 15 cm (6 in.) of soil, and 16.2 pCi/g (including background) in each 15-cm (6-in.) layer of soil more than 15 cm (6 in.) below the surface, applies to the sum of the concentrations of these two radionuclides.

No hot spot areas were identified from the sample results. Review of the final analytical results supports the preliminary results indicating remediation activities have been completed. The final results meet the cleanup standards as detailed in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5). After the walkover survey, soil sampling, and remediation activities were completed, Disposition Forms were reviewed and signed. Confirmation Unit 50 was released back to the subcontractor for unrestricted use on July 1, 1996.

6. DATA EVALUATION

Data evaluation was performed on WP-420 final analytical data to determine whether data quality objectives developed for the Weldon Spring Site Remedial Action Project (WSSRAP) were met and to ensure overall data quality results were generated from RU6 remediation activities. Data evaluation was performed in accordance with the *Environmental Quality Assurance Project Plan* (Ref. 6). The data evaluation process included data verification, data review, data validation, and data management and reduction activities as stated in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5).

6.1 Data Verification

Data verification was conducted to ensure that documentation and data were reported in compliance with established reporting requirements and standard operating procedures (SOPs), and to ensure that all analyses were performed as listed on the Chain of Custody Form. All analytical results received from the laboratory were reviewed to verify samples were properly handled according to WSSRAP protocol. The following factors were reviewed and evaluated: sample identification, Chain-of Custody, holding times, sample preservation requirements, sample analysis request forms, data reviews, laboratory tracking, data reporting requirements, and the database transfer.

6.2 Data Review

Data review was conducted to ensure the final data was properly identified, analyzed, reported, and met Data Quality Requirements (DQRs). Copies of the data packages were reviewed by the data requesters. Preliminary data were compared to the final analytical results. The data were also reviewed to correct inconsistencies with the field quality control (QC) samples and with data quality requirements.

A data comparison of quality control samples to DQR goals was also performed to assess the precision, accuracy, and completeness of the data and to identify samples that may require further validation activities. This comparison was conducted in addition to the 10% data validation activities and is inclusive of all analytical results from quality control samples generated from RU6 activities. The tables including the comparison of quality assurance and quality control (QA/QC) samples to the parent sample are presented in Appendix G. Tables including the complete quality control comparison are presented in Appendix H. The following text discusses the review of DQRs.

Specific DQRs for the WSSRAP were developed according to U. S. Environmental Protection Agency (EPA) guidance. These site-specific DQRs include precision, accuracy, and completeness goals for data collection activities. Each of these requirements is discussed in the following paragraphs.

Precision

Precision is a measurement, expressed as a percentage, that represents the repeatability of the result by the analytical system. This measurement is based on the relative percent differences (RPDs) between laboratory duplicates and their respective parent analysis. The level of precision increases as the RPD value approaches 0%. The RPD is calculated using the following formula:

$$\mathbf{RPD = |PA-DU|/((PA+DU)/2))*100}$$

where PA = respective parent analysis
DU = duplicate analysis

Similarly, RPD is calculated to evaluate the precision of secondary duplicate to parent, field replicate to parent, and matrix spike duplicate to matrix spike.

As the analytical concentration approaches the detection limit for a given parameter, the confidence levels decreases. For this reason, the RPD is generally only calculated for those analyses where both the parent and comparison sample analysis are greater than five times the detection limit.

Due to the chemical properties of radionuclides, the calculated RPD has a greater variance compared to that of non-radionuclides. To assist in evaluating the precision in radionuclides, the duplicate error ratio (DER) is also calculated. The level of precision increases as the DER value approaches zero. The DER is calculated using the following formula:

$$\mathbf{DER = |PA-DU|/(2\sigma p_a+2\sigma d_u)}$$

where PA = Respective Parent Analysis
DU = Duplicate Analysis
$2\ \sigma p_a$ = Two Times Parent Analysis Uncertainty (2 sigma)
$2\ \sigma d_u$ = Two Times Duplicate Analysis Uncertainty (2 sigma)

The DQR goals for analytical data are presented in Appendix H, Table H-1. Analytical methods and precision goals are presented by analytical parameter and media for both soil and water.

RPD and DER values have been calculated for the matrix duplicate samples, secondary duplicate samples, field replicate samples, and matrix spike duplicate samples. A complete listing of RPD and DER values is presented in Appendix H, Table H-1. Summary tables for precision have been presented in Appendix H, Tables H-2 through H-5. Each table shows the amount of samples completed, number of results greater than the detection limit, range and average for RPD and DER, and a comparison summary of results to the DQR Goals. The average of RPD results meet the DQR goals for each parameter listed for each of the four types of quality samples listed above.

Accuracy

Accuracy is a statistical measurement, expressed as a percentage, that represents how close the analytical data are to the "true" value. The measurement is based on the percent recoveries (RECs) associated with the laboratory analytical matrix spikes. The level of accuracy increases as the amount of recovery approaches 100%. The REC is calculated using the following formula:

$$\mathbf{REC = (CONC_{ms}\text{-}CONC_{p})/SPIKED\ AMOUNT}$$

where $CONC_{ms}$ = Concentration of matrix spike analysis
$CONC_{p}$ = Concentration of parent analysis

Accuracy goals for analytical data are presented in Appendix H, Table H-1. Analytical methods and accuracy goals are presented by analytical parameter and media for both soil and water.

REC values have been calculated for matrix spike samples. A complete listing of REC values are presented in Appendix H, Table H-1. A summary table for accuracy is presented in Appendix H, Table H-6. The table shows the amount samples completed, number of results greater than the detection limit, Range and Average for REC and a comparison summary of results to the DQR goals. The average of REC values have met the DQR goals for each parameter sampled.

Completeness

Completeness is the percentage of acceptable data points associated with a group of data, such as those validation request or those addressed in a semiannual validation report. Completeness evaluation will be conducted on WP-420 area data at the completion of all five RUs. Data evaluation results from all quality control samples associated with RU6 activities indicated the majority of RPDs, DERs and RECs meet the established DQR goals.

6.3 Data Validation

Radiological and chemical analytical data were subject to data review and validation upon receipt from the laboratory. Data validation was performed on 10% of all analytical data generated from the remediation activity for WP-420. Additional data was validated by request after review by data review guidelines. Data validation was performed by WSSRAP personnel and was conducted in accordance with the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5). Data that was used as preliminary data but later rejected due to failure to meet the data validation requirements, was compared to the final data to ensure a valid final result was documented. Analytical data that was rejected for failure to comply with the data validation requirements is highlighted in the Analytical Data Table presented in Appendix D.

6.4 Data Management and Reduction

Data was reduced by entering and managing RU6 WSSRAP information in a computerized database. A data management process was developed to track samples collected and analyzed throughout the remediation process. Soil/Sediment Sampling Forms (field data sheets) were generated to record all pertinent sample collection information and associated QA/QC sample information. Sample information was transferred from the field data sheets into the computerized databases.

Data generated during remediation activities were entered into a field sample tracking database (FST dB). The FST dB information was used to generate analytical request forms entered into a environmental sample tracking database (EST dB). The EST dB was used to print out sample Chain-Of-Custody Forms which accompanied sample shipments to the laboratory. Preliminary analytical results were entered into a geographic information system database (GIS dB) which was later compared to the final analytical results entered into a wizard database (WIZARD). Databases were also utilized for analytical review and analytical results comparisons.

Data generated during RU6 remediation activities were evaluated through data verification, review, validation, and data management and reduction. All samples collected at RU6 were verified and handled according to WSSRAP protocol. Data review activities ensured data generated from RU6 met DQRs and all data validation discrepancies were resolved. A minimum of 10% of data was subjected to data validation procedures and results failing validation requirements were rejected or qualified. Data management and reduction actions have computerized analytical results into a database system. Data evaluation activities indicate data generated at RU6 meet DQOs specified in the *Environmental Quality Assurance Project Plan* (Ref. 6), and the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5).

7. SUMMARY OF CLOSURE REPORT FINDINGS

7.1 Work Package Disposition

The Weldon Spring Site Remediation Action Project (WSSRAP) WP-420 area consists of 119 confirmation units (CUs) contained within five remediation units (RUs): RU6, RU7, RU8, RU9 and RU10. This RU6 closure report is the first of five such reports for the RUs and includes Confirmation Units 20 through 50. Detailed information regarding the remediation activities for each CU located within RU6 is presented in the Appendixes.

7.2 Confirmation Unit Dispositions

Upon completion of remediation activities, preliminary results were recorded on CU Disposition Forms. Disposition Forms were reviewed and signed by selected project personnel. Based on the preliminary results, each CU was released for unrestricted use. A CU was released when all contaminants of concern (COC) concentrations within a CU were in compliance cleanup standards. The cleanup standards ensure that RU6 remediation activities are conducted in compliance with the Record of Decision (ROD) (Ref. 3). Once final analytical data were received, the data were compared to preliminary analytical data to ensure COC concentrations were in compliance with the ALARA process.

All 31 CUs located within RU6 were released. The boundaries of three CUs were revised and surveyed. These areas, formerly included in the CUs, were transferred to another work package. An IOC documenting these modifications is included in Appendix E.

7.3 Permanent Partial Confirmation Dispositions

A permanent partial confirmation disposition is the release of a portion of a CU area to facilitate the permanent closure of an area. A permanent partial confirmation disposition of a CU is permitted when the amount of sample points meet the designed requirement per unit area as stated in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5) and the subsequent results are less than the cleanup standards as stated in Section 2.6. The remainder of the CU, which is not included in the permanent partial confirmation disposition, is transferred and addressed under another Work Package.

Confirmation Units 48, 49, and 50 were released. However, the northern boundaries were revised and surveyed, and an interoffice correspondence (IOC) discussing the changes was issued (Appendix E). The northern areas formerly located in the CUs were not remediated under the WP-420 area as originally described in the *Confirmation Sampling Plan Details For The Chemical Plant Area Foundations and Contaminated Soils Removal (WP-420)* (Ref. 4). These areas located north of the new boundaries will be addressed under Work Package-437. A copy of the IOC documenting the boundary modifications to Confirmation Units 48, 49, and 50 is included in Appendix E.

7.4 Summary of Chemical Plant Area Remedial Unit 6 Results

Table 7-1 provides a summary of the total number of samples collected and analyzed for each contaminant during remediation activities at the chemical plant area RU6. The number of detections that exceed ALARA and minimum, maximum, and average concentrations are also provided for each contaminant. The table is generated using data sets compiled from all samples representing soils left in place. All data from other sample including remediated hot spot areas are presented in Appendix D.

Table 7-1 Summary Totals for Remedial Unit 6

	NUMBER OF SAMPLES	MINIMUM CONCENTRATION	MAXIMUM CONCENTRATION	AVERAGE CONCENTRATION	SAMPLES GREATER THAN ALARA
Arsenic (mg/kg)	326	0.97	21.10	6.76	0
Chromium (mg/kg)	314	7.10	41.60	17.82	0
Lead (mg/kg)	416	5.40	149.00	15.07	0
PAH (mg/kg)	27	ND	2.46	0.56	10
PCB (mg/kg)	466	ND	2.20	0.02	4
Ra-226 (pCi/g)	456	0.37	2.24	1.36	0
Ra-228 (pCi/g)	465	0.46	6.60	1.28	1
Combined Radium	N/A	0.96	8.84	2.62	2
Th-230 (pCi/g)	451	0.09	23.10	1.74	3
Th-232 (pCi/g)	465	0.46	6.60	1.29	1
Thallium (mg/kg)	87	0.12	2.20	0.68	0
TNT	0	N/A	N/A	N/A	N/A
U-238 (pCi/g)	740	0.86	196.00	3.83	8
Total	4215				27

Analytical results generated from remediation activities at RU6 indicate the average concentration of each COC (except polycyclic (or polynuclear) aromatic hydrocarbons [PAH])

over the entire RU6 area is below the ALARA goal. The RU6 average COC concentration for all COCs including PAHs, is below the cleanup criteria. For each of the 31 CU located within RU6, COC averages were also calculated and the conclusions are as follows. Although some individual sample concentrations are above the ALARA goal, the average COC concentrations for each of the 31 CUs, except PAHs, are below ALARA. The average PAH concentration was above the ALARA goal at three CUs (CU22, CU38, and CU39). Based on the ALARA committee decision, the CUs were released. The average PAH concentration for all 31 CUs is below the cleanup criteria. Most notable, for the total number of PAH samples collected to date, more than 50% of the PAH concentrations were below the ALARA goal which meets the intent of the ROD.

Remediation activities were completed for all 31 CUs located in RU6. Based on analytical results presented above, all 31 CUs were released in accordance with the cleanup goals and standards stated in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 5).

7.5 Summary of Chemical Plant Confirmation Results

To meet the requirements of the *Record of Decision* (Ref. 1), more than 50% of the results for each parameter must be less than the ALARA goal. Table 7-2 summarizes the cumulative confirmation results to date. This table includes results from WP-399 and WP-420 (RU6). Thus far, more than 50% of the results are less than ALARA.

Table 7-2 Summary Totals for Confirmation[a]

CONTAMINANT	NUMBER OF SAMPLES	MINIMUM CONCENTRATION	MAXIMUM CONCENTRATION	AVERAGE CONCENTRATION	SAMPLES GREATER THAN ALARA
Arsenic (mg/kg)	332	0.97	21.10	6.78	0
Chromium (mg/kg)	314	7.10	41.60	17.82	0
Lead (mg/kg)	420	5.40	433	16.54	1
PAH (mg/kg)	35	ND	2.46	0.88	14
PCB (mg/kg)	466	ND	2.20	0.02	4
Ra-226 (pCi/g)	456	0.37	2.24	1.36	0
Ra-228 (pCi/g)	465	0.46	6.60	1.28	1
Combined Radium	N/A	0.96	8.84	2.62	2
Th-230 (pCi/g)	451	0.09	23.10	1.74	3
Th-232 (pCi/g)	465	0.46	6.60	1.29	1
Thallium (mg/kg)	87	0.12	2.20	0.68	0
TNT	0	N/A	N/A	N/A	N/A

Table 7-2 Summary Totals for Confirmation[a]

CONTAMINANT	NUMBER OF SAMPLES	MINIMUM CONCENTRATION	MAXIMUM CONCENTRATION	AVERAGE CONCENTRATION	SAMPLES GREATER THAN ALARA
U-238 (pCi/g)	835	0.4	196	3.75	8

(a) This table contains summary results from confirmation sampling to date, including WP-399 and WP-420 (RU6).

7.6 Comparison of Standard Deviations

This section presents a comparison of the estimated standard deviations calculated following EPA guidance and presented in the *Attainment Plan* with those deviations calculated using confirmation results. Since there were no existing remediation data available to calculate the standard deviation (sigma), the *Attainment Plan* estimated sigma using the range (assuming the average concentration remaining after remediation would not exceed cleanup criteria) divided by six. To determine whether the specified level of precision had been obtained, a comparison was made between the estimated sigma and the calculated sigma using the RU6 results.

The comparison indicated that the specified level of precision (a false positive = 0.05 and a false negative = 0.20) had been obtained. With one exception, Th-230, all of the calculated sigmas were less than the estimated sigmas, indicating that the minimum specified precision was met for these contaminants. Table 7-3 presents the estimated sigma and calculated sigmas for each contaminant of concern (COC).

The calculated Th-230 sigma exceeded the estimated sigma. One hot spot area used subsurface criteria, therefore the estimated standard deviation (sigma) was recalculated using subsurface criteria. The recalculated estimated Th-230 sigma is 2.7. The RU6 sigma and cummulative sigma for Th-230 are both below the subsurface criteria sigma.

Table 7-3 Comparison of Standard Deviations

COC	ESTIMATED SIGMA[a]	RU6 SIGMA[b]	CUMULATIVE SIGMA[c]
Arsenic	12.5	2.86	2.90
Chromium	18.3	6.14	6.14
Lead	75	8.54	22.86
Thallium	3.3	0.64	0.64
PAHs	0.93	0.70	0.76
PCBs	1.33	0.14	0.14
TNT	23.3	N/A	N/A
Ra-226	1.03	0.20	0.20

Table 7-3 Comparison of Standard Deviations

COC	ESTIMATED SIGMA[a]	RU6 SIGMA[b]	CUMULATIVE SIGMA[c]
Ra-228	1.03	0.39	0.39
Th-230	1.03/2.7[d]	1.32	1.32
Th-232	1.03	0.39	0.39
U-238	20	10.88	10.29

(a) Sigma estimated in the *Attainment Plan*.
(b) Sigma calculated using only the RU6 confirmation results.
(c) Sigma calculated using cumulative confirmation results (WP-399 and WP420RU6).
(d) Estimated sigma using subsurface criteria.
N/A Not applicable, no TNT samples collected to date.

8. REFERENCES

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2. MK-Ferguson Company and Jacobs Engineering Group. *Supplementary Soil Sampling Plan*, Rev. 0. DOE/OR/21548-408. Prepared for the U.S. Department of Energy, Oak Ridge Field Office. St. Charles, MO. August 1993.

3. Department of Energy. *Record of Decision for Remedial Action at the Chemical Plant Area of the Weldon Spring Site*. DOE/OR/21548-376. Oak Ridge Field Office. St. Charles, MO. September 1993.

4. MK-Ferguson and Jacobs Engineering Group. *Confirmation Sampling Plan Details For The Chemical Plant Area Foundations and Contaminated Soils Removal (WP-420)*. Rev. 1. DOE/OR/21548-590. Prepared for U.S. Department of Energy, Oak Ridge Operations Office, St. Charles, MO. October, 1996.

5. MK-Ferguson Company and Jacobs Engineering Group. *Chemical Plant Area Cleanup Attainment Confirmation Plan*. Rev. 3 DOE/OR/21548-491. Prepared for the U.S. Department of Energy, Oak Ridge Operations Office. St. Charles, MO. December 1995.

6. MK-Ferguson Company and Jacobs Engineering Group. *Environmental Quality Assurance Project Plan*. Rev. 2. DOE/OR/21548-352. Prepared for the U.S. Department of Energy, Oak Ridge Operations Office. St. Charles, MO. May 1996.

PROCEDURES

ES&H 1.2.1 Soil Remediation Disposition Process
ES&H 2.3.8 Contamination Survey
ES&H 2.5.1 Radiological Soil Sampling **8/28/97 1:07 PM - Hursey - PROCEDURED HAS BEEN DELETED: NOTIFY MELISSA**
ES&H 2.5.2 In Situ Radiation Measurements **8/28/97 1:09 PM - Hursey - DELETED**
ES&H 2.5.5 Sample Preparation Procedure for Radiological Soil Samples
ES&H 2.5.8 Th-230 Determinations in Soils by the UNC Method
ES&H 2.6.1 Alpha Detector Calibration and Operational Check
ES&H 2.6.2 Calibration and Use of Ludlum Model 2220 Scalar and the Model 44-10-2 (2x2 NaI) Detector
ES&H 2.6.3 GM Detector Calibration, Operation, and Usage
ES&H 2.6.4 Ludlum Model 2000 Scalar and Model 43-10 Detector: Gross Alpha Measurement Operation and Calibration
ES&H 2.6.9 Instructions for Calibration and Operation of the High Purity Germanium Detector

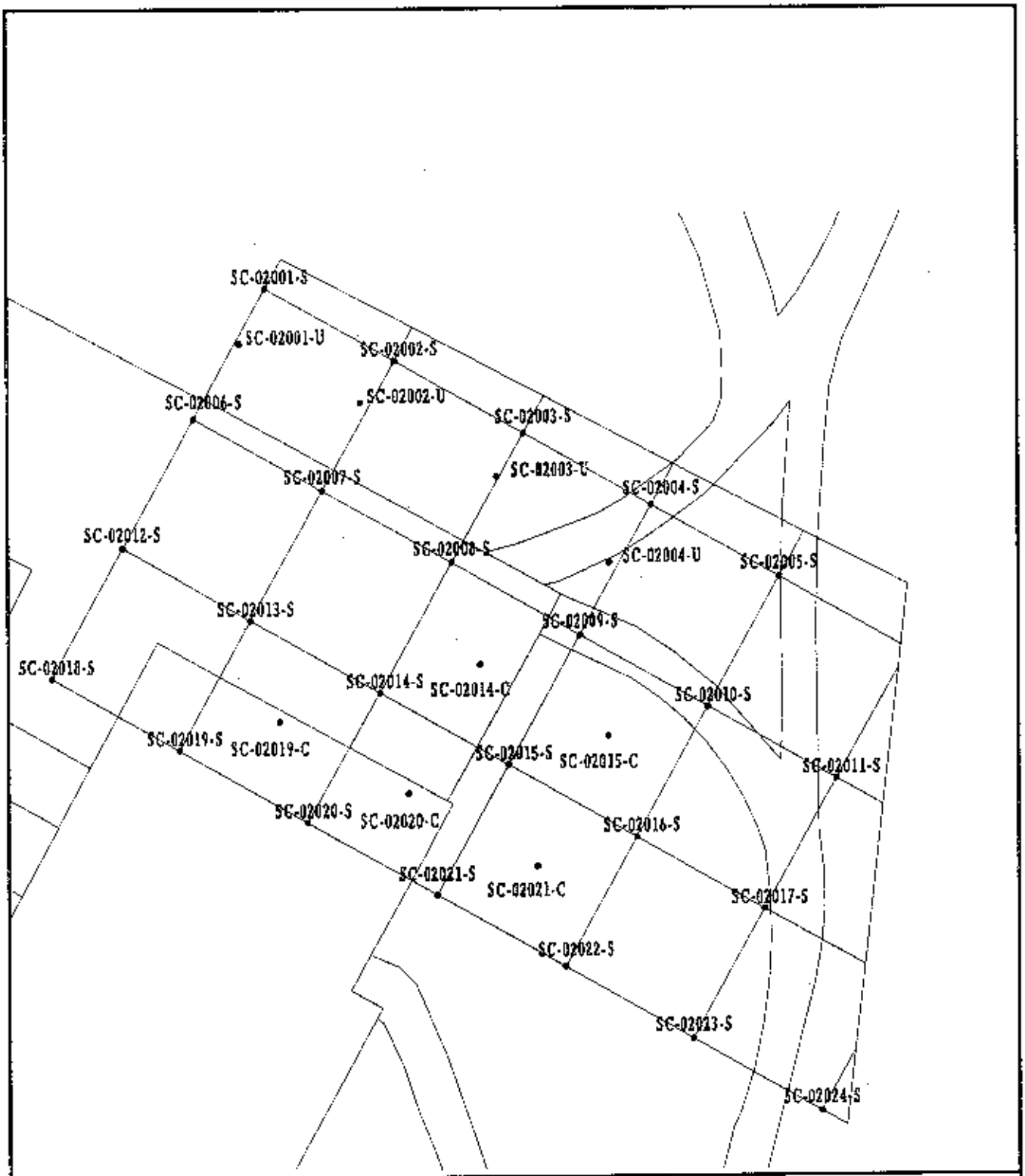
ACRONYMS

AEC	Atomic Energy Commission
ALARA	as low as reasonably achievable
COC	contaminant of concern
CPM	counts per minute
CU	Confirmation Unit
db	database
DER	duplicate error ratio
DNT	dinitrotoluene
DOE	Department of Energy
DQO	Data Quality Objectives
DQR	Data Quality Requirements
EPA	Environmental Protection Agency
EQAPjP	Environmental Quality Assurance Project Plan
EST	environmental sample tracking
FST	field sample tracking
GIS	Geographical Information System
ha	hectare
IOC	interoffice correspondence
km	kilometers
m	meter
NPL	National Priorities List

PAHs	polynuclear aromatic hydrocarbons
PCBs	polychlorinated biphenyls
PMC	Project Management Contractor
QA	quality assurance
QAP	Quality Assurance Plan
QC	quality control
Ra-226	Radium-226
Ra-228	Radium-228
REC	percent recovery
ROD	Record of Decision
RPD	relative percent difference
RU	remedial unit
SOP	standard operating procedure
Th-230	Thorium-230
Th-232	Thorium-232
TNT	trinitrotoluene
U-238	Uranium-238
WIZARD	Wizard database
WP	work package
WSSRAP	Weldon Spring Site Remedial Action Project

APPENDIX A

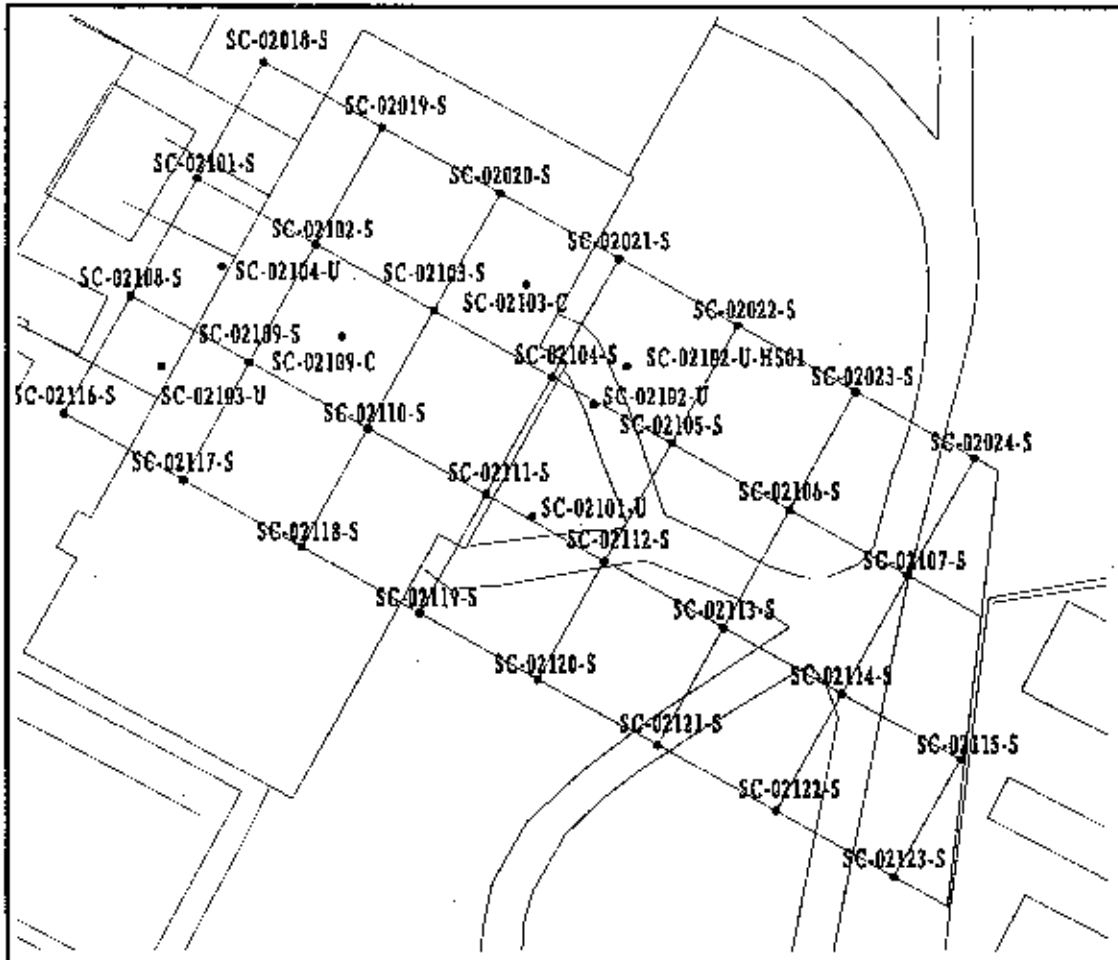
Sample Location Maps



Sample Locations in Remedial Unit RU006 Confirmation Unit CU020

Figure A-1

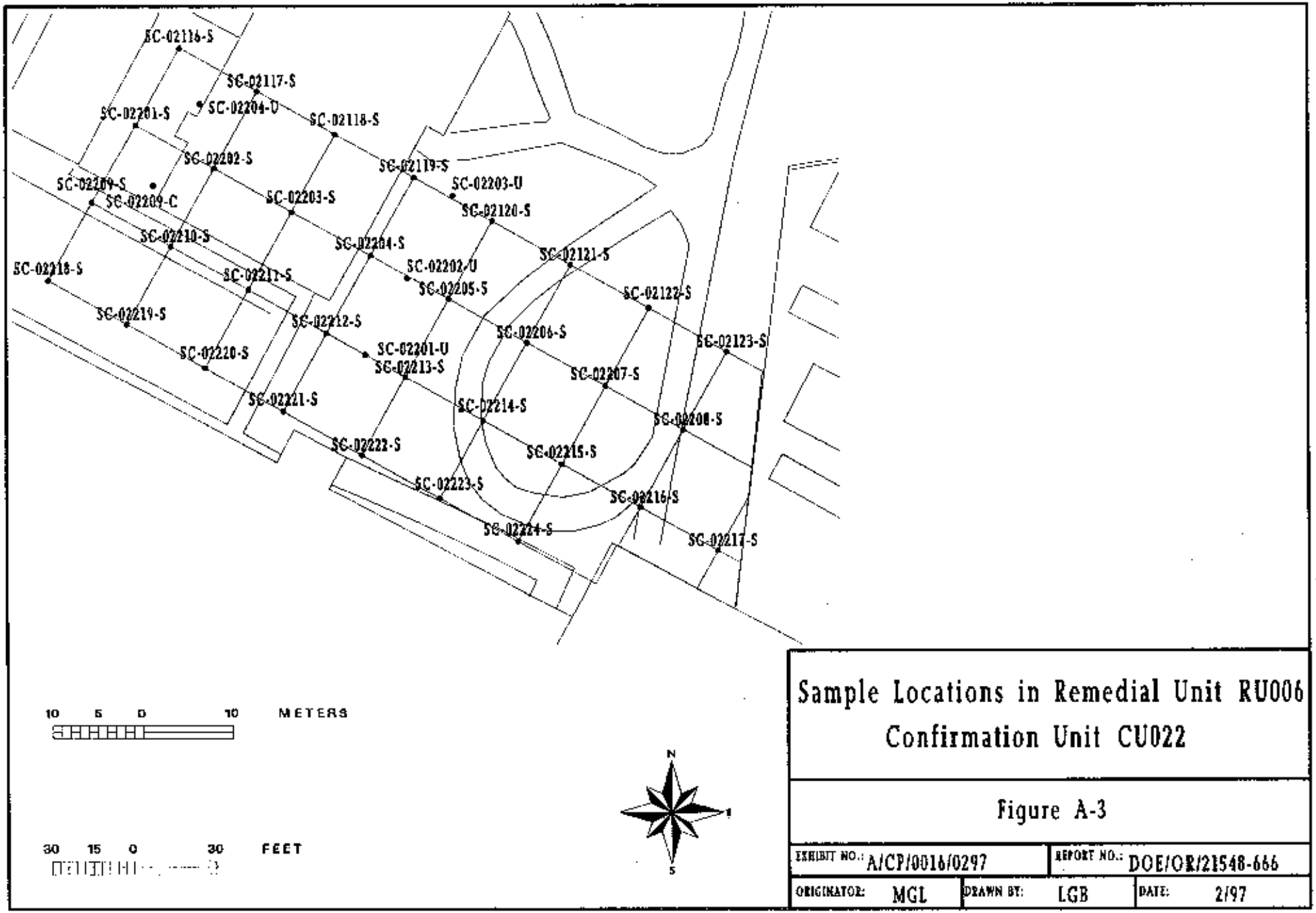
EXHIBIT NO.: A/CF/0014/0297		REPORT NO: DOE/OR/21548-666	
ORIGINATOR: MGL	DRAWN BY: LGB	DATE: 2/97	



Sample Locations in Remedial Unit RU006
Confirmation Unit CU021

Figure A-2

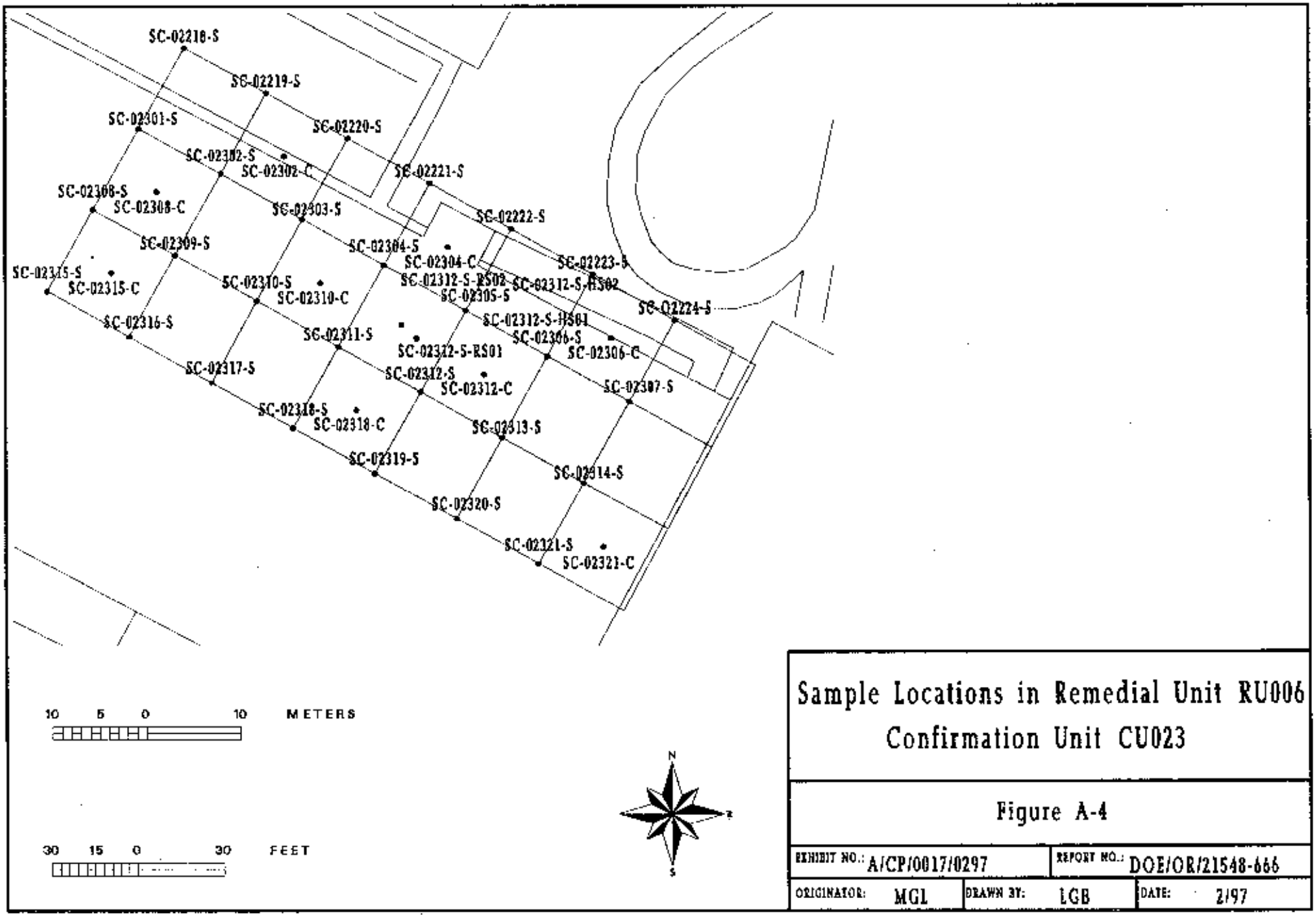
EXHIBIT NO.: A/CP/0015/0297			REPORT NO.: DOE/OR/21548-666		
ORIGINATOR: MGL	DRAWN BY: LGB	DATE: 2/97			



Sample Locations in Remedial Unit RU006 Confirmation Unit CU022

Figure A-3

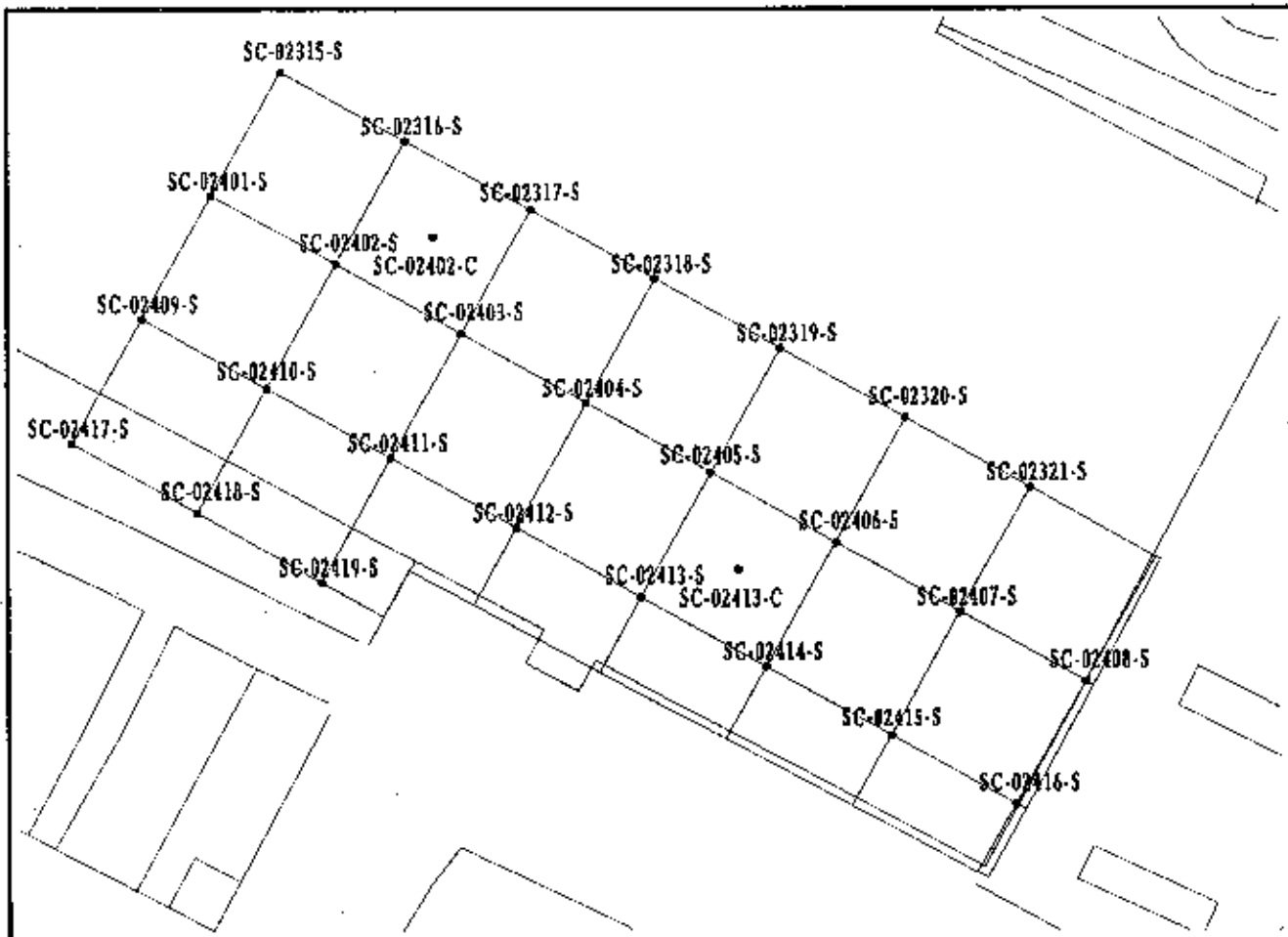
EXHIBIT NO.:	A/CP/0016/0297	REPORT NO.:	DOE/OR/21548-666		
ORIGINATOR:	MGL	DRAWN BY:	LGB	DATE:	2/97



Sample Locations in Remedial Unit RU006 Confirmation Unit CU023

Figure A-4

EXHIBIT NO.:	A/CP/0017/0297		REPORT NO.:	DOE/OR/21548-666	
ORIGINATOR:	MGL	DRAWN BY:	LGB	DATE:	2/97



10 5 0 10 METERS

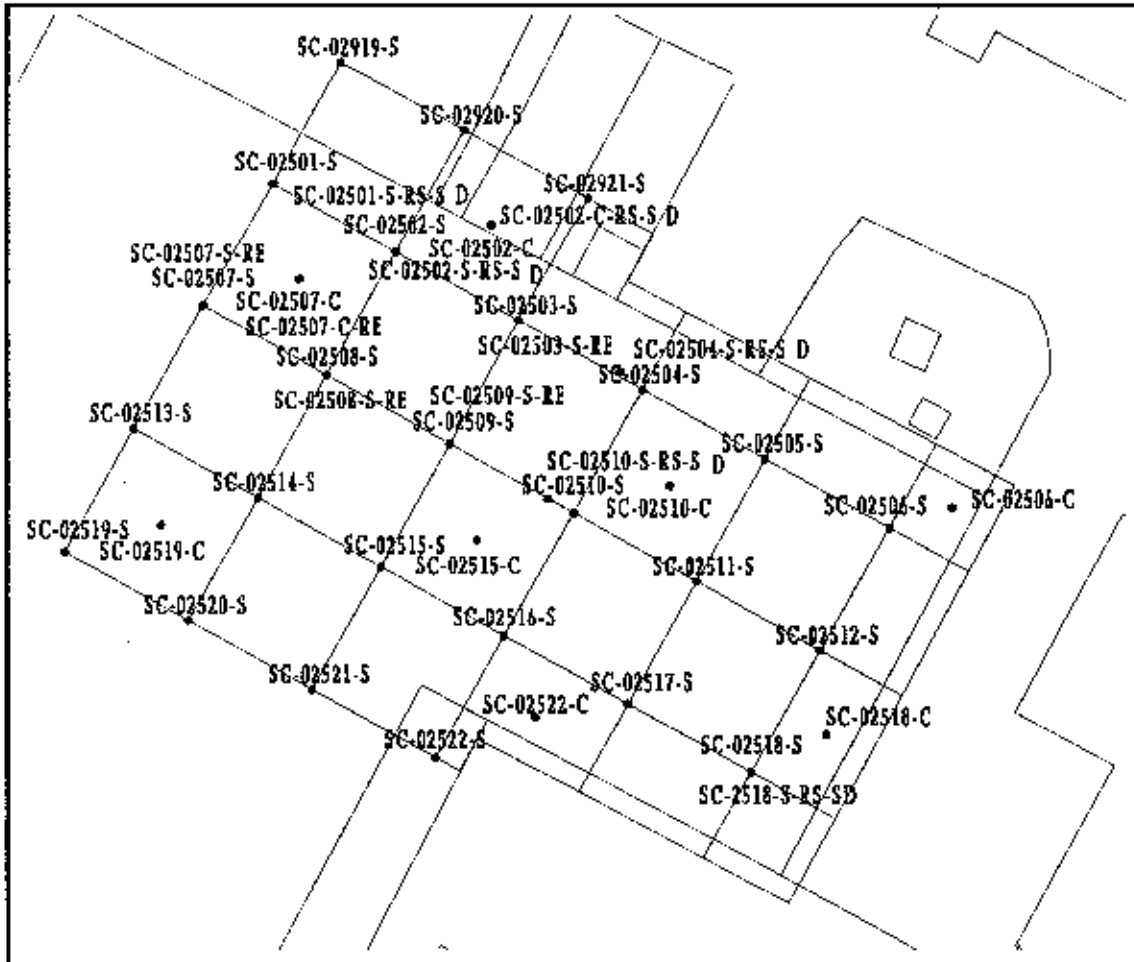
30 15 0 30 FEET

S

Sample Locations in Remedial Unit RU006 Confirmation Unit CU024

Figure A-5

EXHIBIT NO.:	A/CF/0018/0297			REPORT NO.:	DOE/OR/21548-666
ORIGINATOR:	MGL	DRAWN BY:	LGB	DATE:	2/97



10 5 0 10 METERS

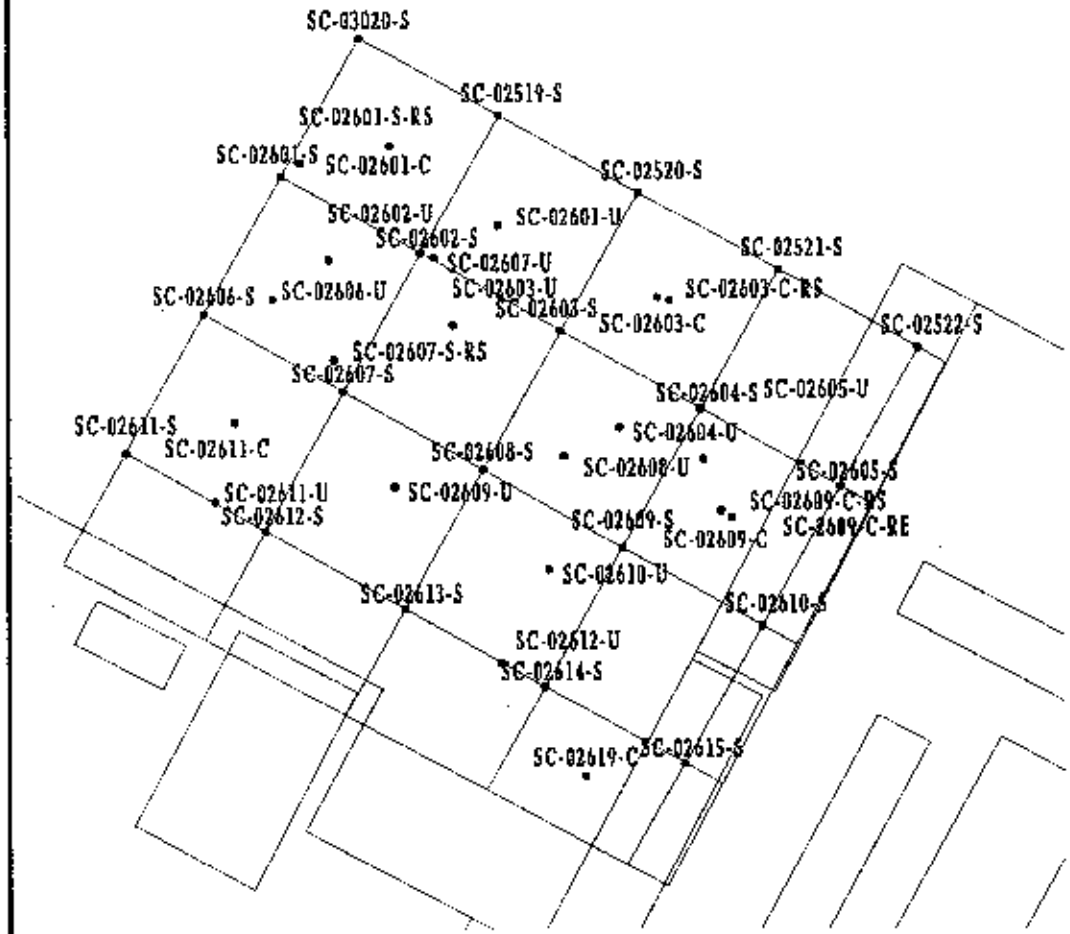
30 15 0 30 FEET

N W E S

Sample Locations in Remedial Unit RU006 Confirmation Unit CU025

Figure A-6

EXHIBIT NO.:	A/CP/0019/0297	REPORT NO.:	DOE/OR/21548-666		
ORIGINATOR:	MGL	DRAWN BY:	LGB	DATE:	2/97



10 5 0 10 METERS

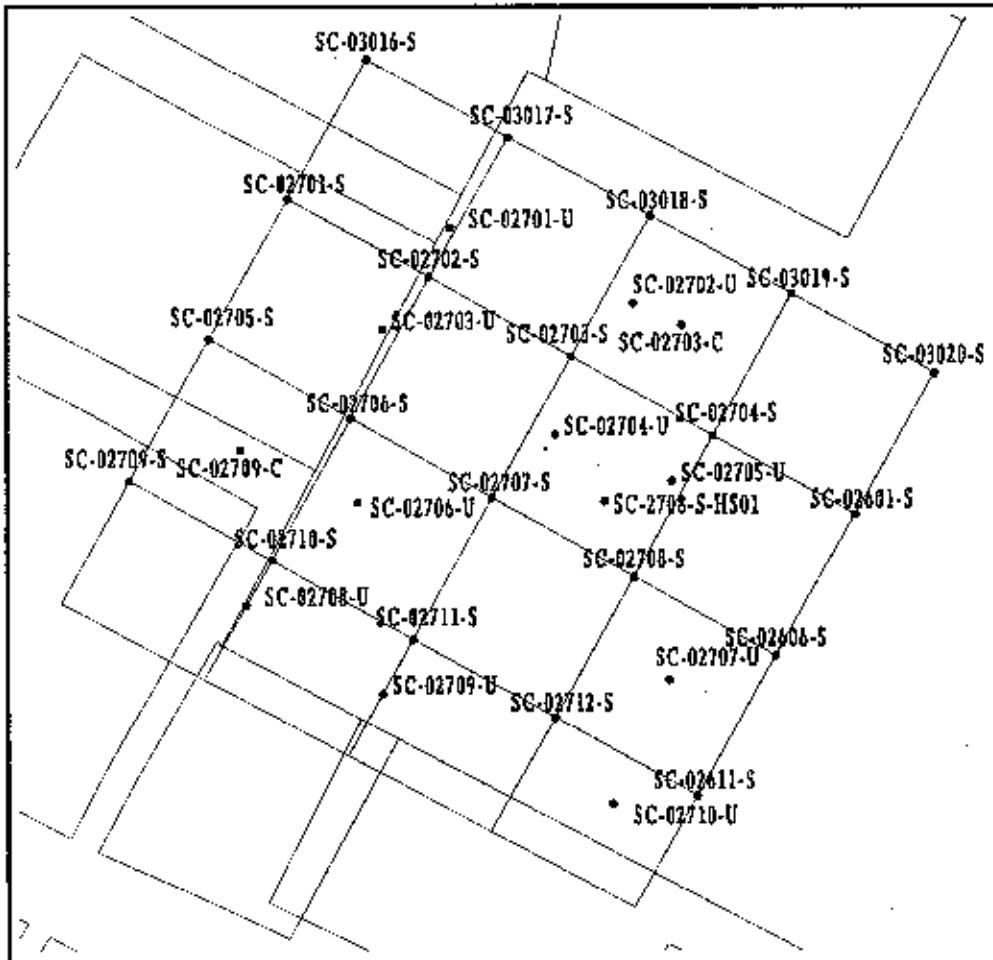
30 16 0 30 FEET

N W E S

Sample Locations in Remedial Unit RU006 Confirmation Unit CU026

Figure A-7

EXHIBIT NO.:	A/CP/0020/0297	REPORT NO.:	DOE/OR/21548-666		
ORIGINATOR:	MGL	DRAWN BY:	LGB	DATE:	2/97



10 5 0 10 METERS

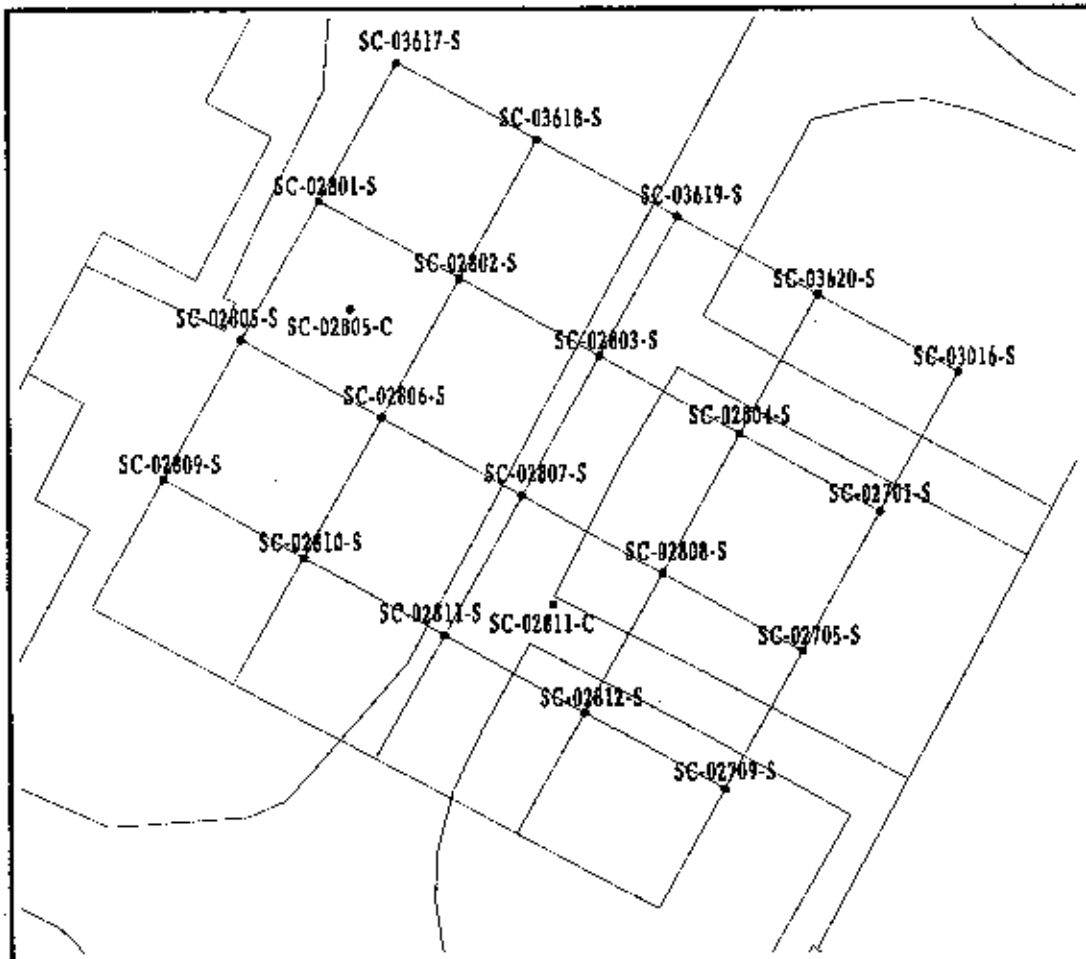
30 15 0 30 FEET

N
W E
S

Sample Locations in Remedial Unit RU006 Confirmation Unit CU027

Figure A-8

EXHIBIT NO.: A/CP/0021/0297			REPORT NO.: DOE/OR/21548-666		
ORIGINATOR: MGL	DRAWN BY: LGB	DATE: 2/97			



10 5 0 10 METERS

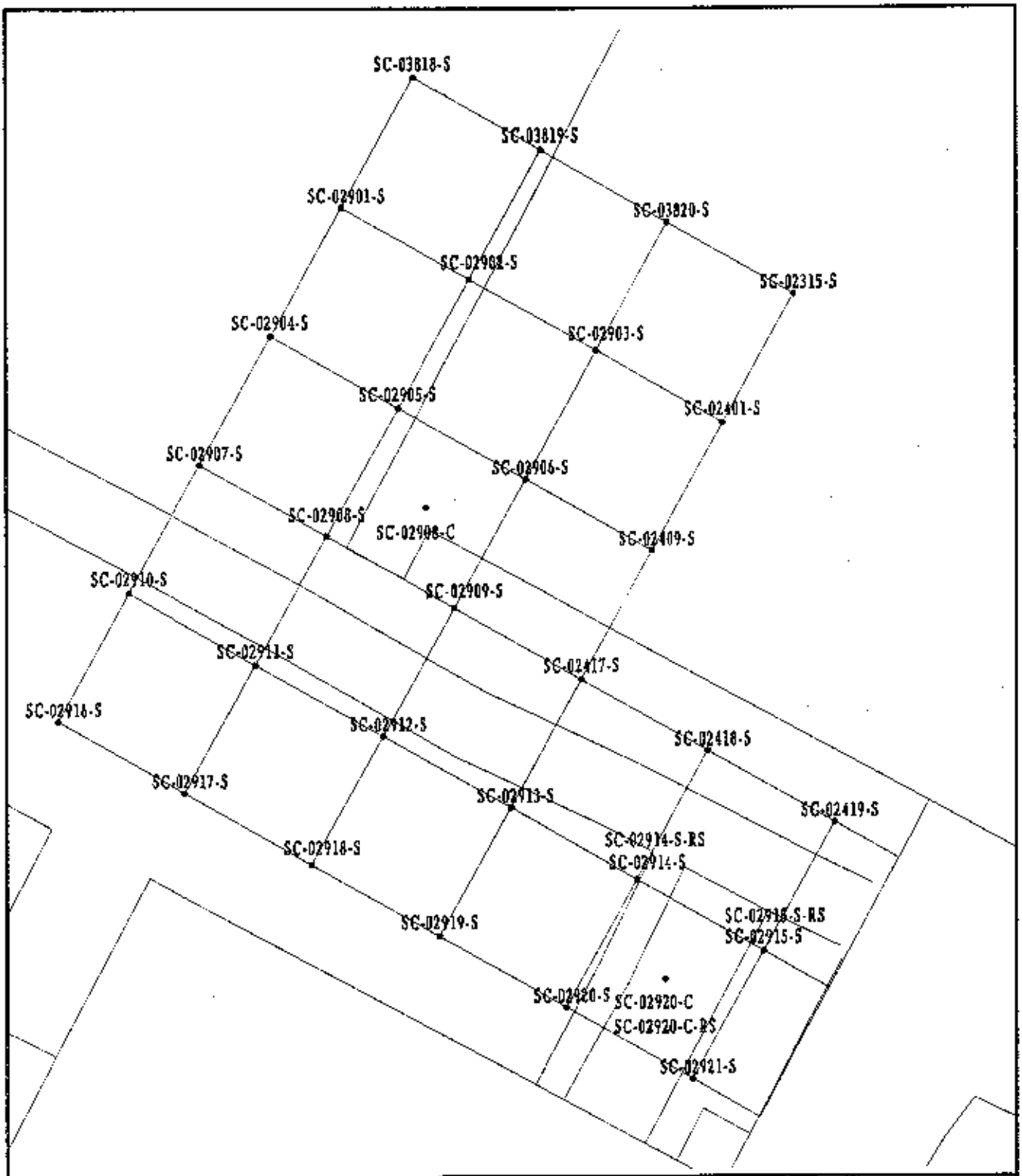
30 15 0 30 FEET

N
W
E
S

Sample Locations in Remedial Unit RU006 Confirmation Unit CU028

Figure A-9

EXHIBIT NO.: A/CP/0022/0297				REPORT NO.: DOE/OR/21548-666	
ORIGINATOR: MGL	DRAWN BY: LGB		DATE: 2/97		



Sample Locations in Remedial Unit RU006
Confirmation Unit CU029

Figure A-10

EXHIBIT NO.:	A/CP/0023/0297		REPORT NO.:	DOE/OR/21548-666	
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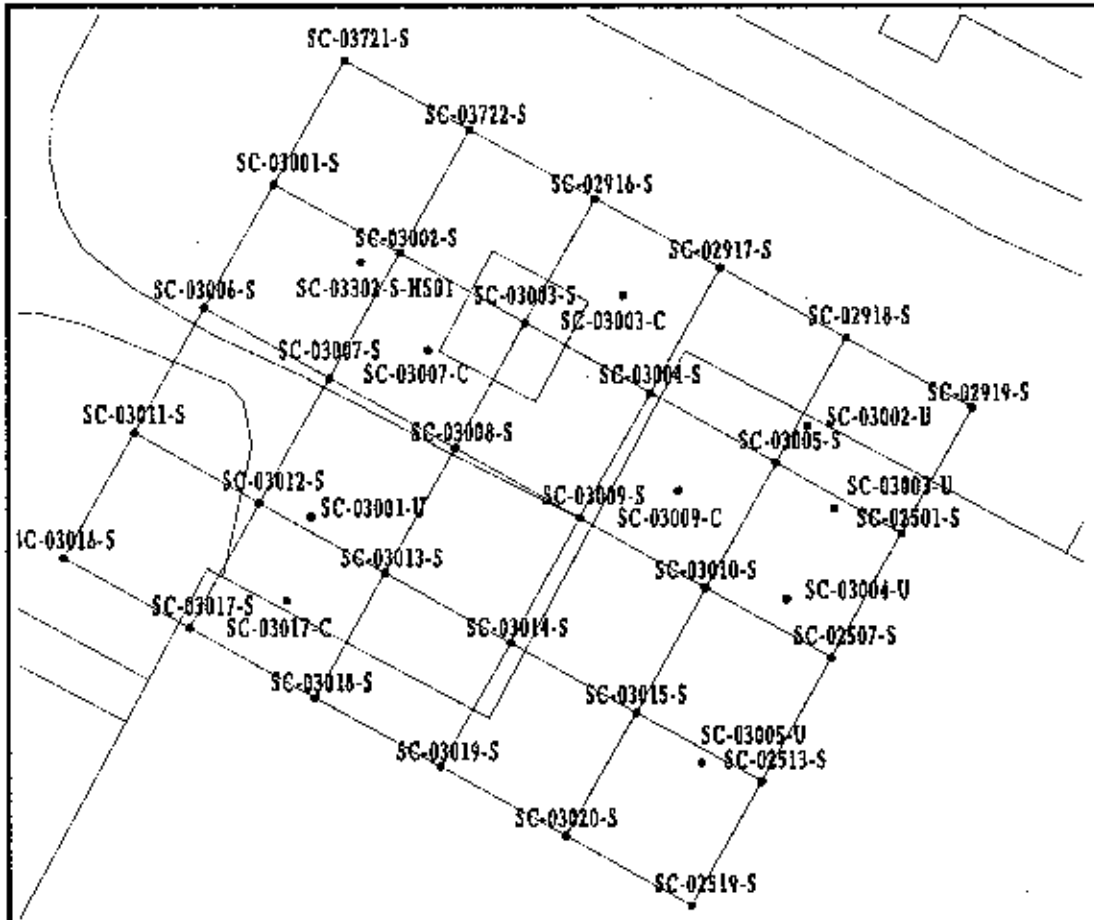

Sample Locations in Remedial Unit RU006 Confirmation Unit CU030

Figure A-11

EXHIBIT NO.:	A/CF/0024/0297	REPORT NO.:	DOE/OR/21548-666		
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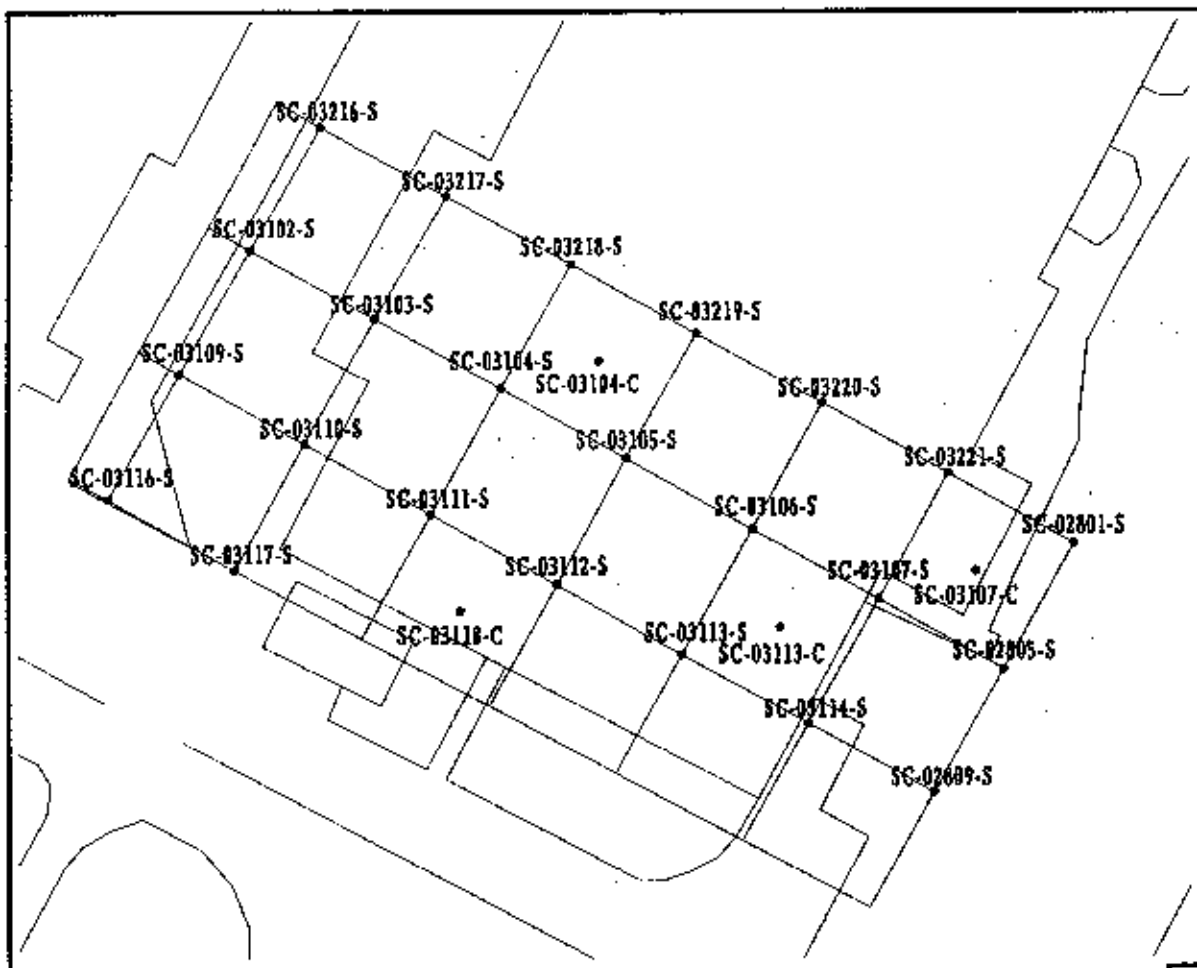

Sample Locations in Remedial Unit RU006 Confirmation Unit CU031

Figure A-12

EXHIBIT NO.: A/CP/025/0297		REPORT NO.: DOE/OR/21548-666	
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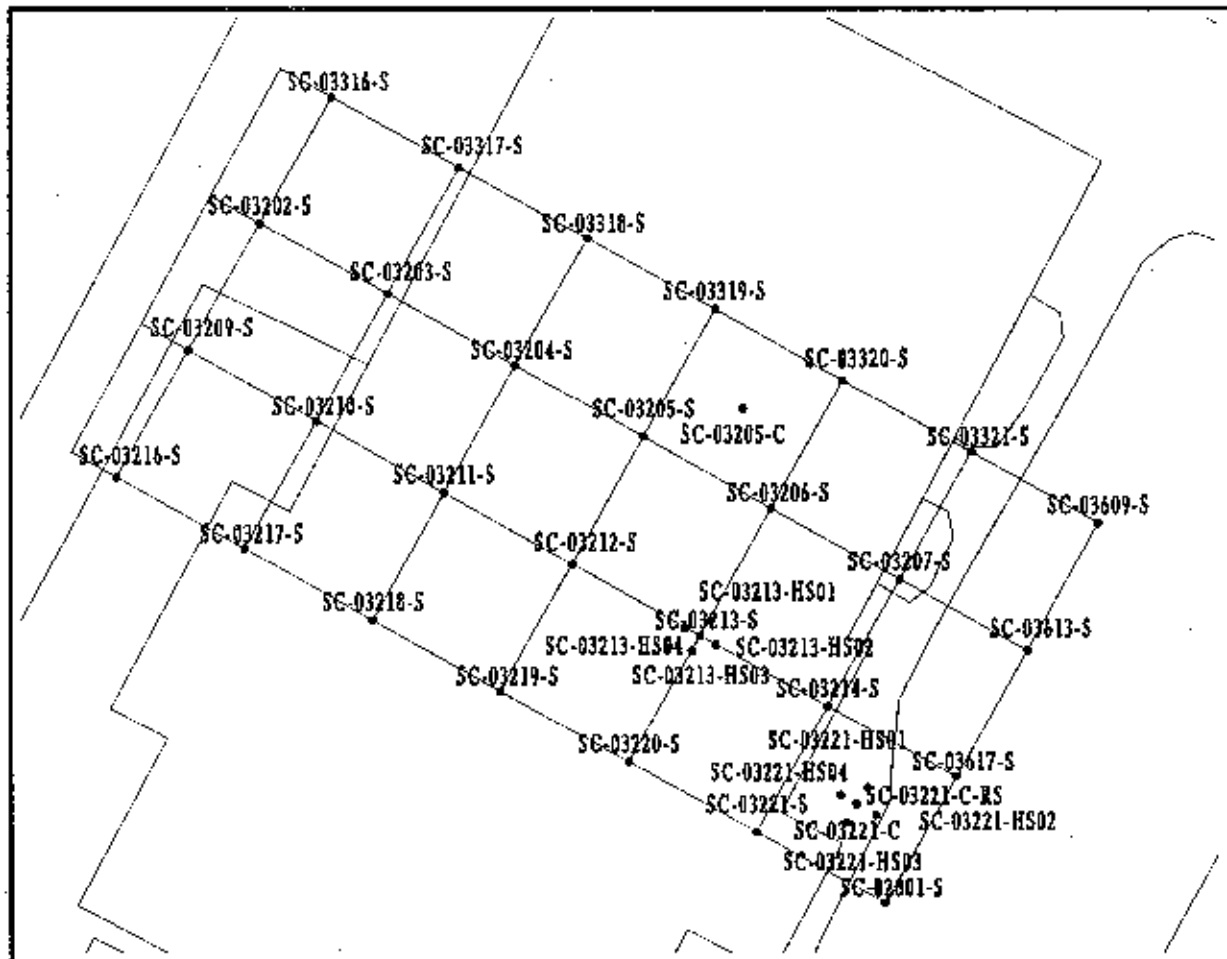


10 5 0 10 METERS

30 15 0 30 FEET

N

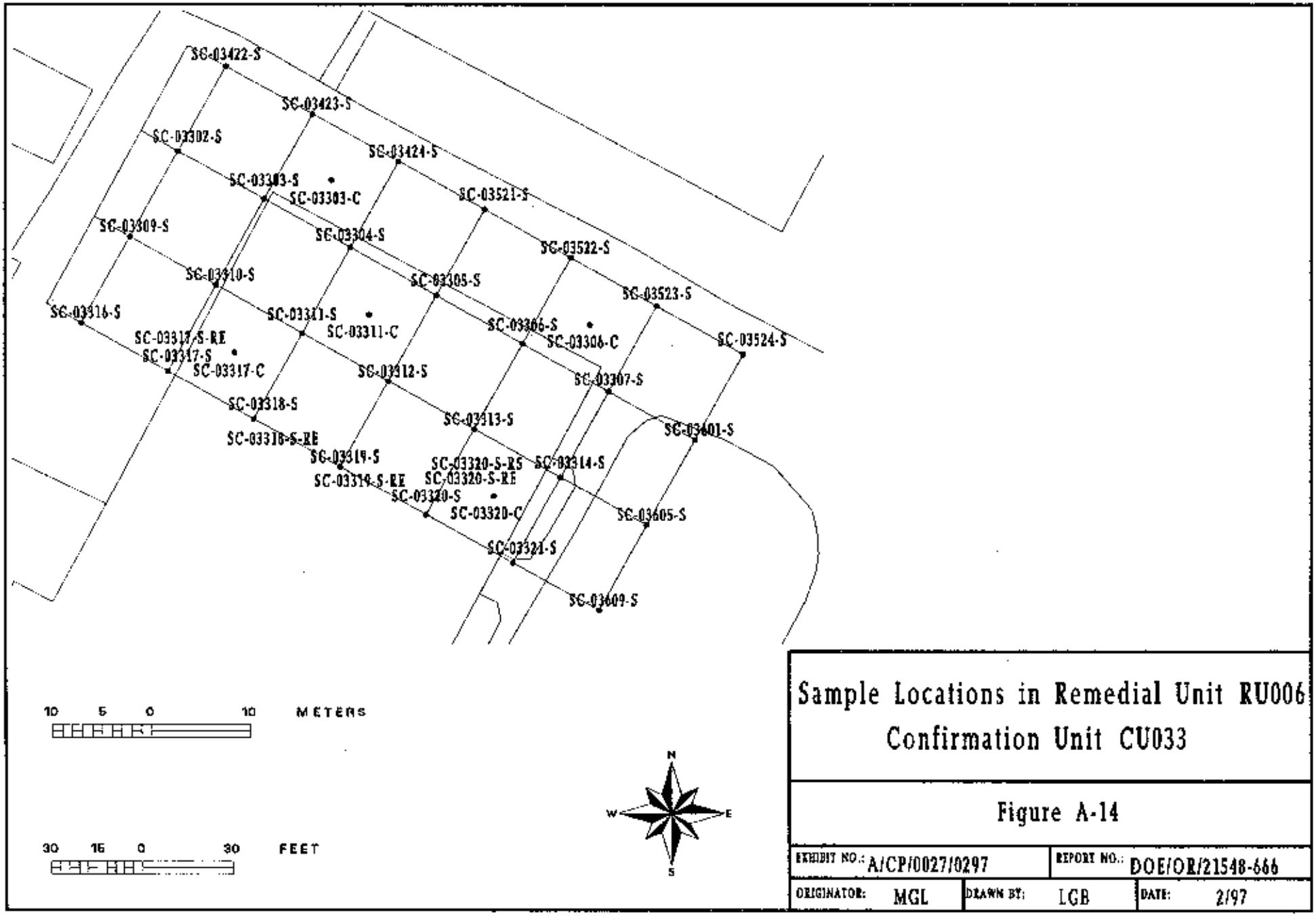
W E

S

Sample Locations in Remedial Unit RU006
Confirmation Unit CU032

Figure A-13

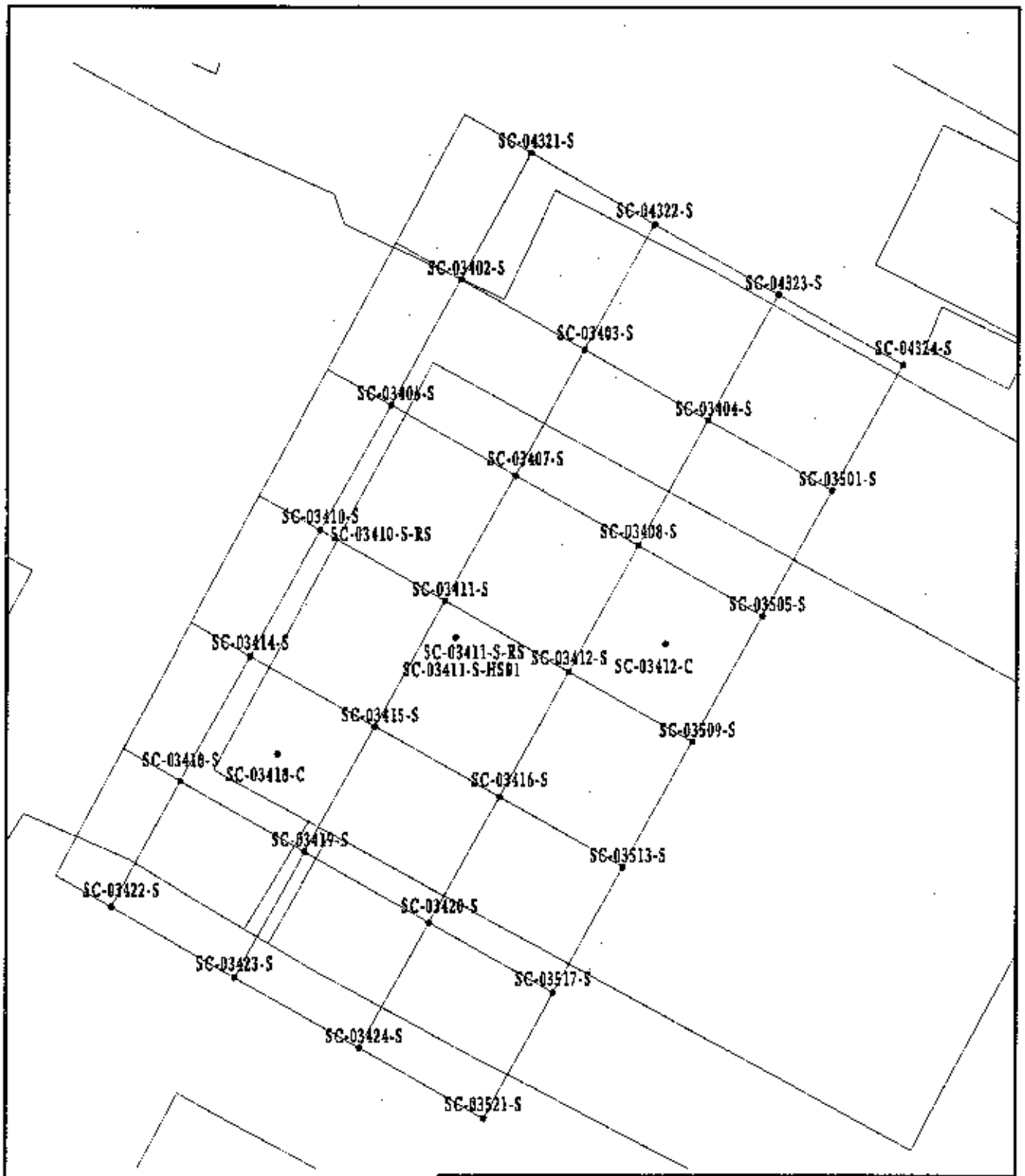
EXHIBIT NO.:	A/CP/0026/0297	REPORT NO.:	DOE/OR/21548-666		
ORIGINATOR:	MGL	DRAWN BY:	LGB	DATE:	2/97



Sample Locations in Remedial Unit RU006 Confirmation Unit CU033

Figure A-14

EXHIBIT NO.:	A/CP/0027/0297	REPORT NO.:	DOE/OR/21548-666		
ORIGINATOR:	MGL	DRAWN BY:	LGB	DATE:	2/97



Sample Locations in Remedial Unit RU006 Confirmation Unit CU034

Figure A-15

EXHIBIT NO.:	A/CP/0028/0297		REPORT NO.:	DOE/OR/21548-666	
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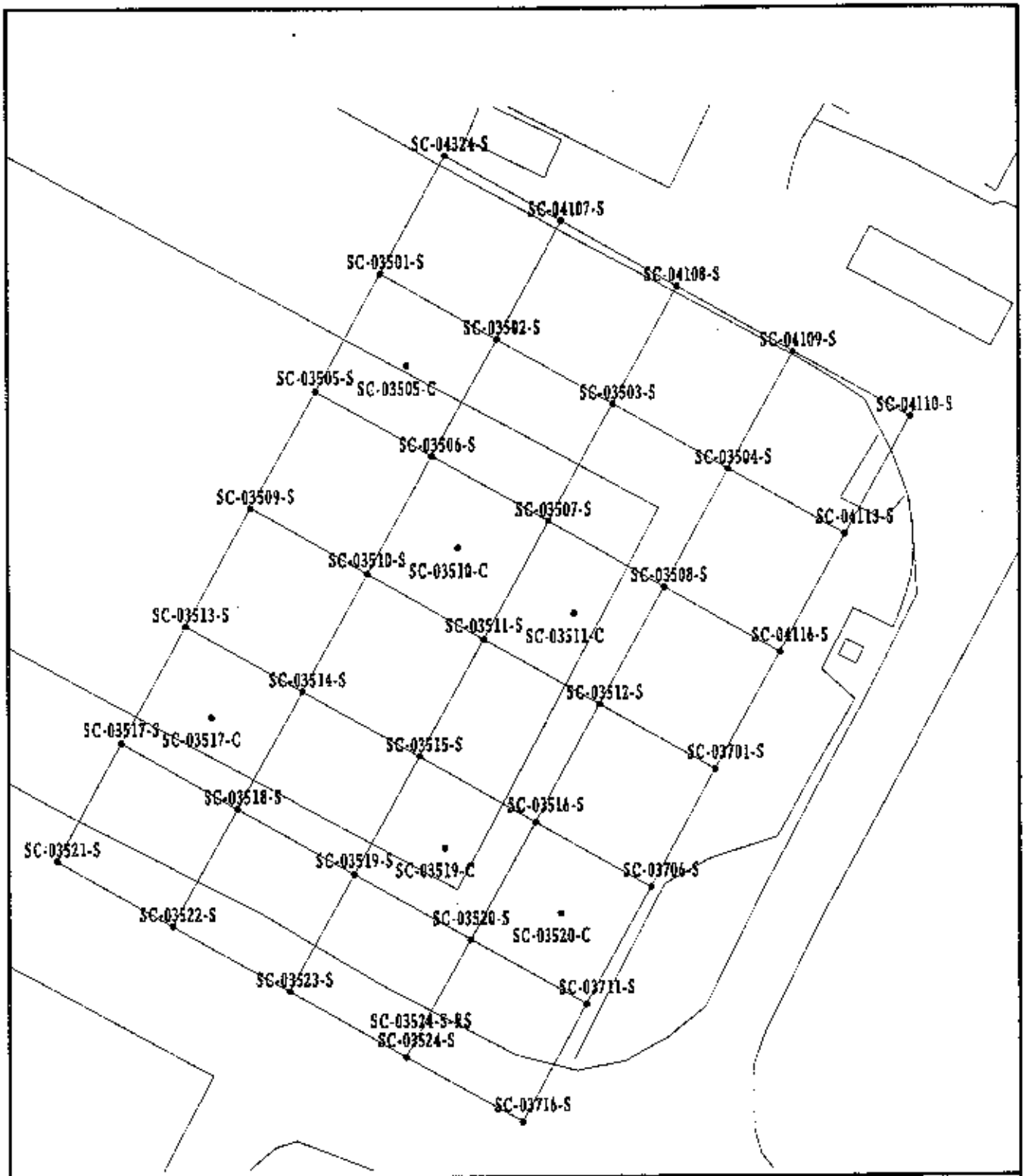

Sample Locations in Remedial Unit RU006 Confirmation Unit CU035

Figure A-16

EXHIBIT NO.: A/CP/0029/0297		REPORT NO.: DOE/OR/21548-666	
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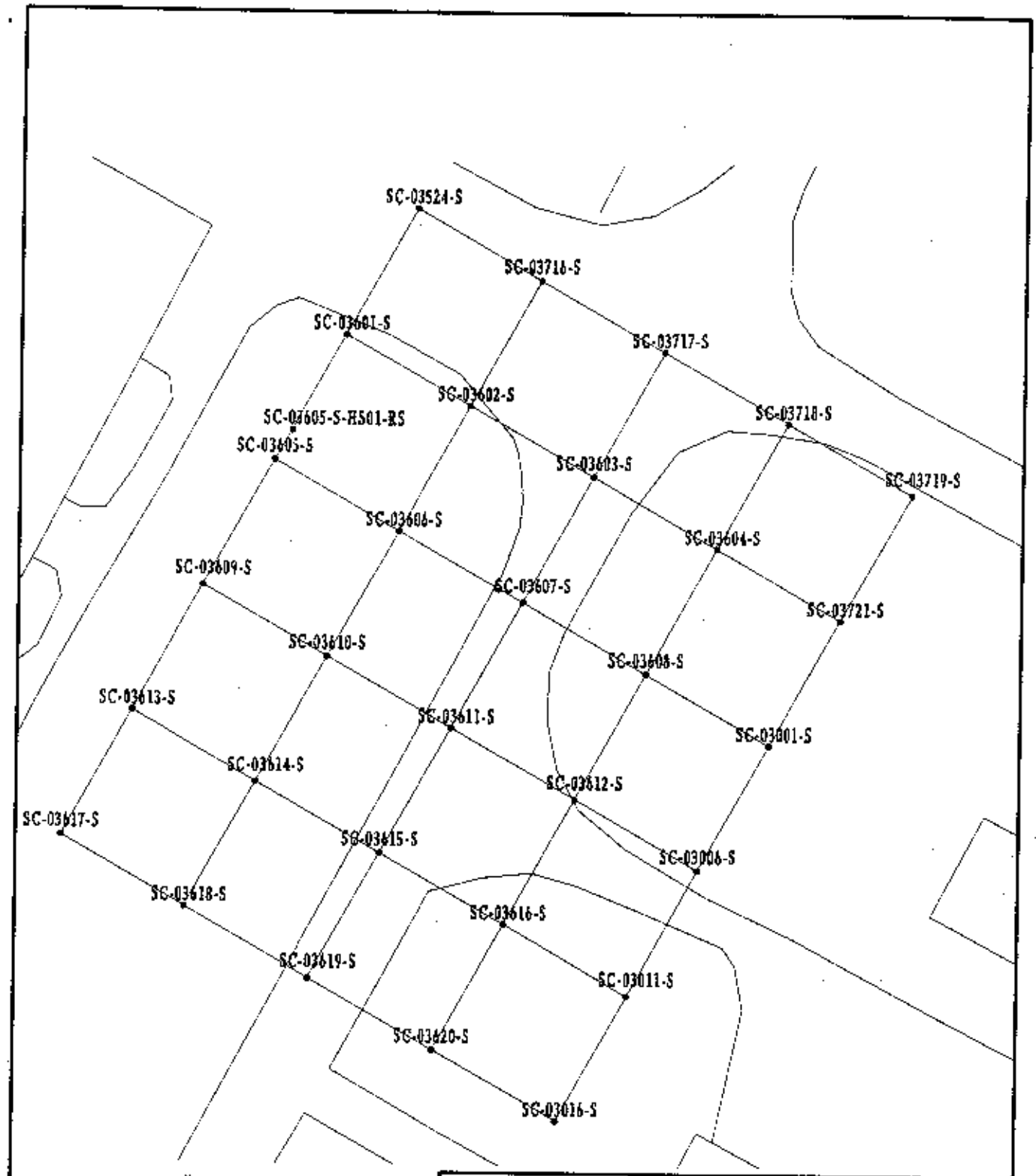

Sample Locations in Remedial Unit RU006
Confirmation Unit CU036

Figure A-17

EXHIBIT NO.:	A/CP/0030/0297	REPORT NO.:	DOE/OR/21548-666		
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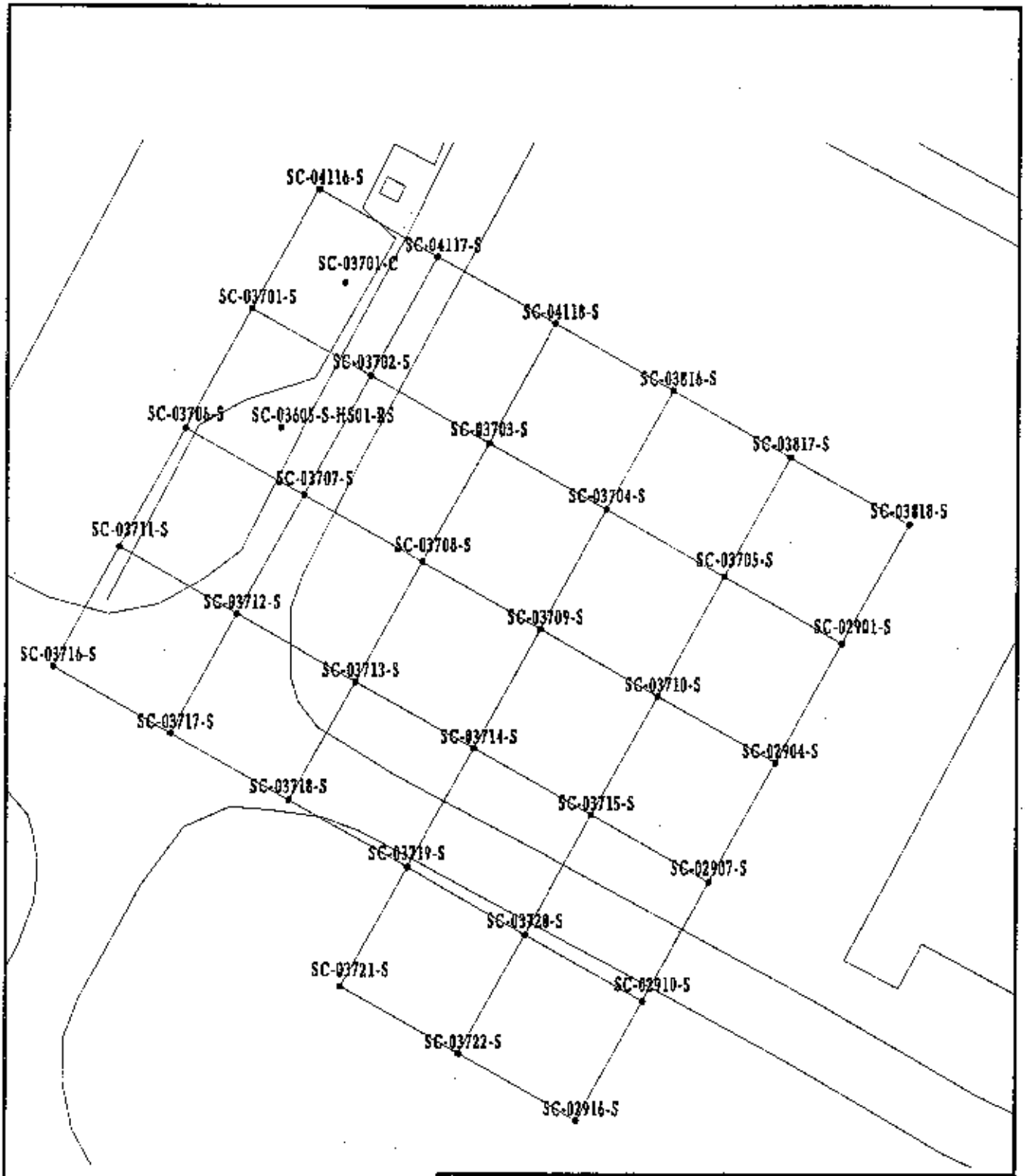

Sample Locations in Remedial Unit RU006
Confirmation Unit CU037

Figure A-18

EXHIBIT NO.:	A/CP/0031/0297	REPORT NO.:	DOE/OR/21548-666		
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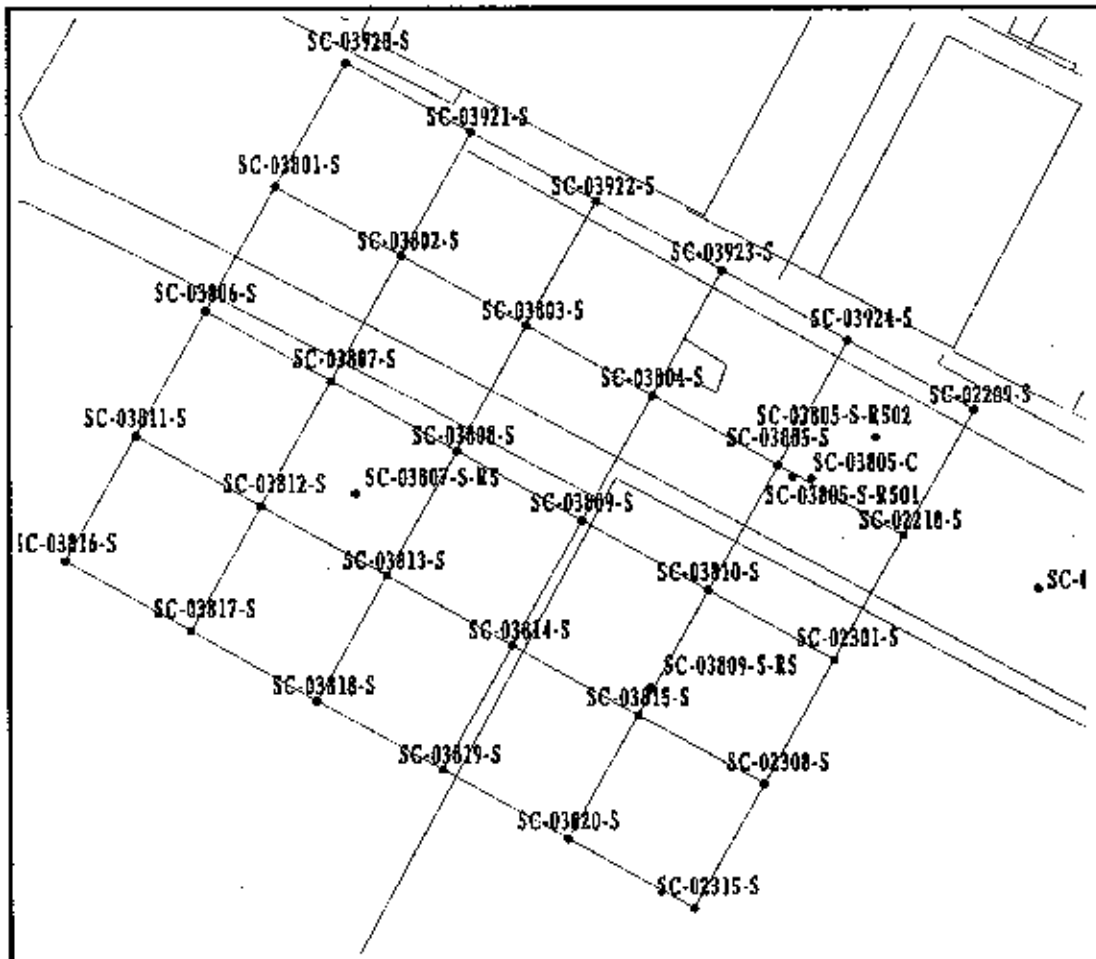
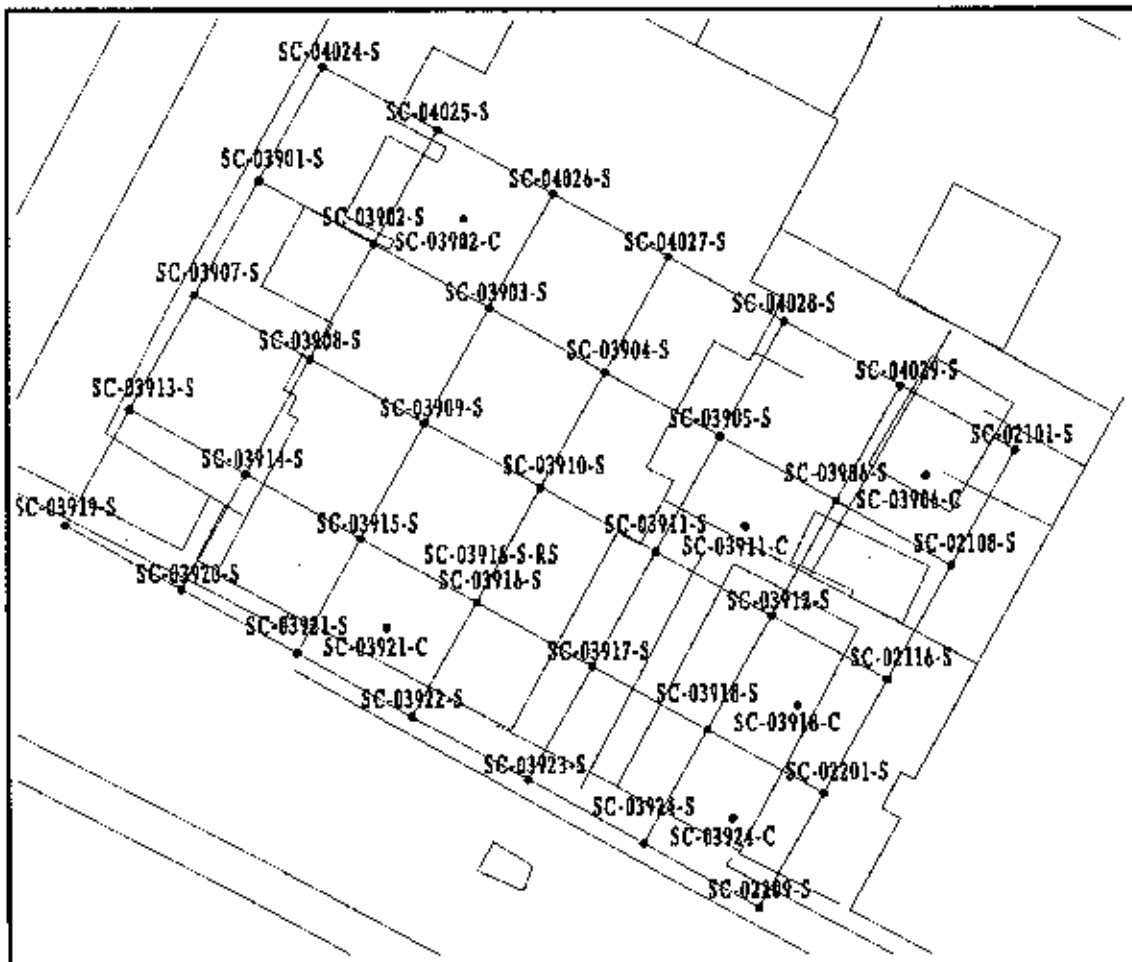


Sample Locations in Remedial Unit RU006 Confirmation Unit CU038

Figure A-19

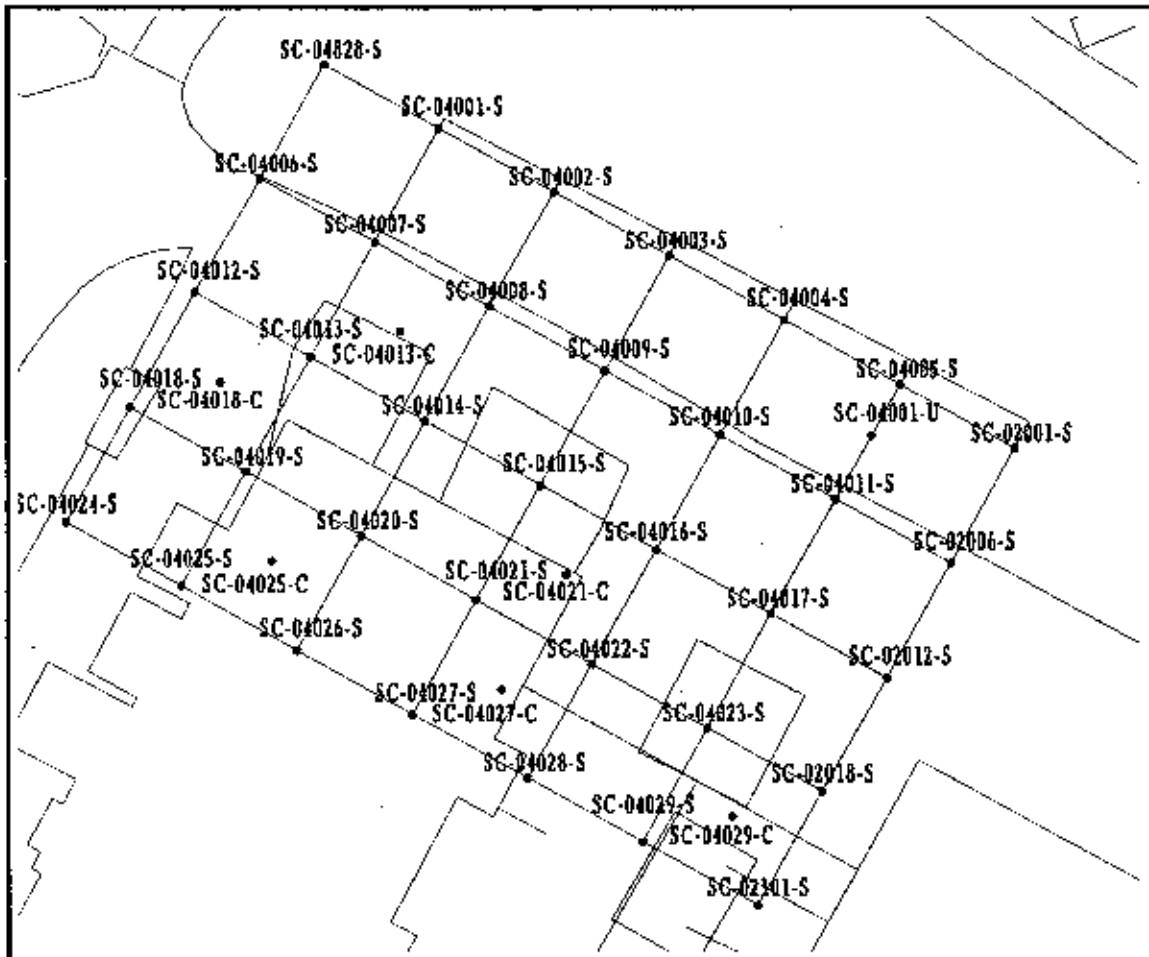
EXHIBIT NO.:	A/CP/0032/0297	REPORT NO.:	DOE/OR/21548-666		
ORIGINATOR:	MGL	DRAWN BY:	LGB	DATE:	2/97



Sample Locations in Remedial Unit RU006
Confirmation Unit CU039

Figure A-20

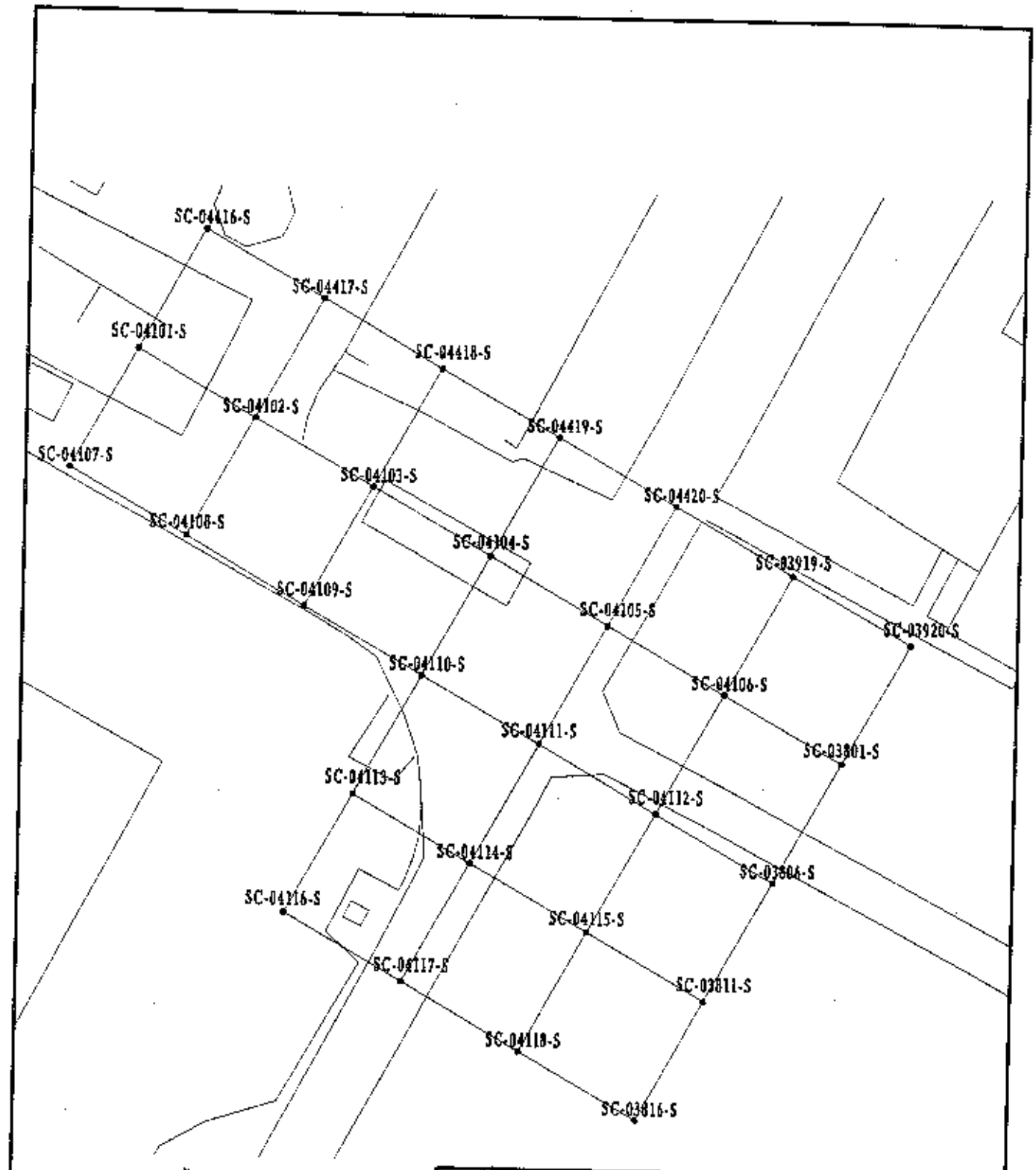
EXHIBIT NO.:	A/CP/0033/0297	REPORT NO.:	DOE/OR/21548-666		
ORIGINATOR:	MGL	DRAWN BY:	LGB	DATE:	2/97



Sample Locations in Remedial Unit RU006 Confirmation Unit CU040

Figure A-21

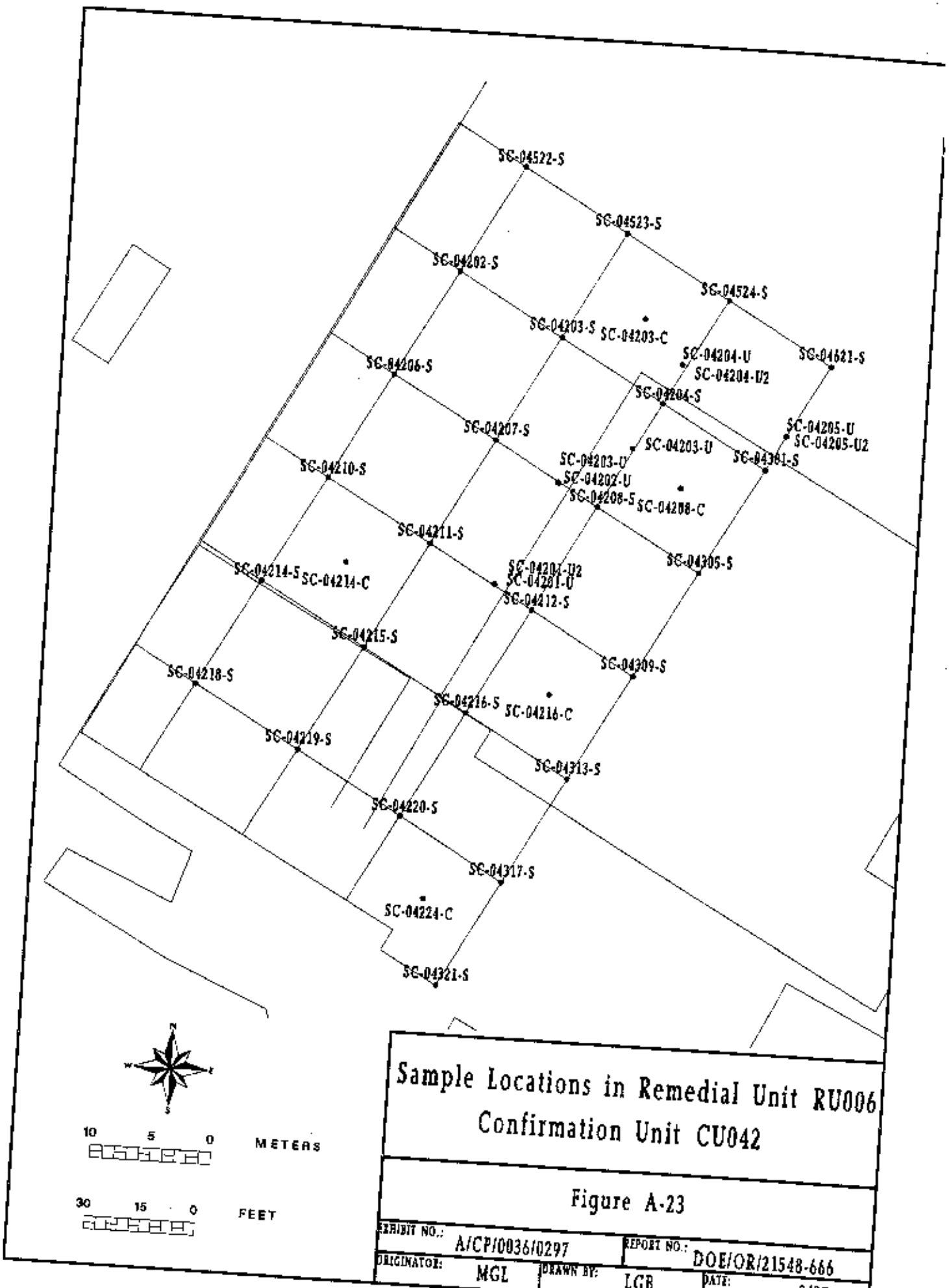
EXHIBIT NO.:	A/CP/0034/0297	REPORT NO.:	DOE/OR/21548-666		
ORIGINATOR:	MGL	DRAWN BY:	LGB	DATE:	2/97



Sample Locations in Remedial Unit RU006
Confirmation Unit CU041

Figure A-22

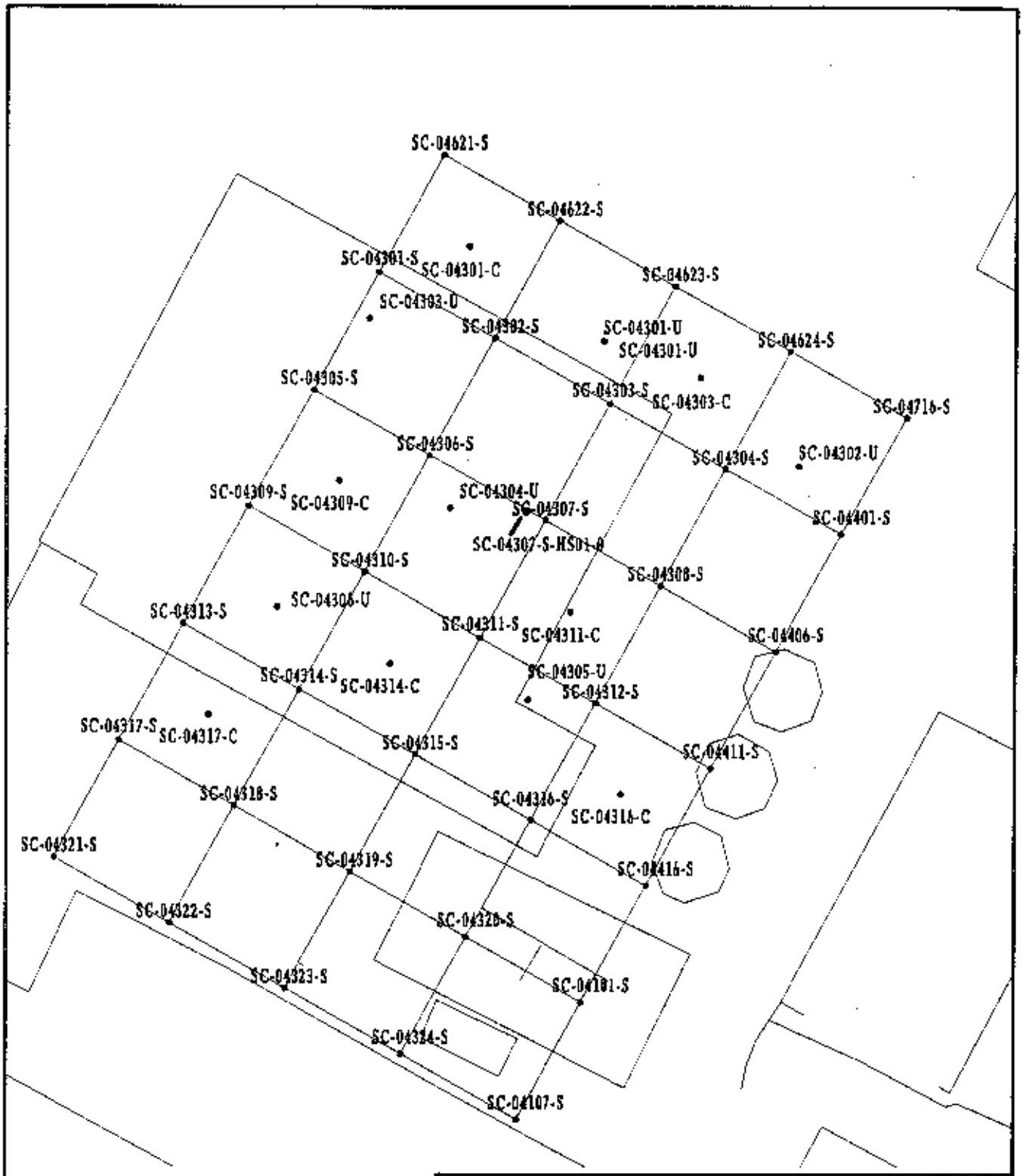
EXHIBIT NO.: A/CP/0035/0297		REPORT NO.: DOE/OR/21548-666	
ORIGINATOR: MGL	DRAWN BY: LGB	DATE: 2/97	



Sample Locations in Remedial Unit RU006
Confirmation Unit CU042

Figure A-23

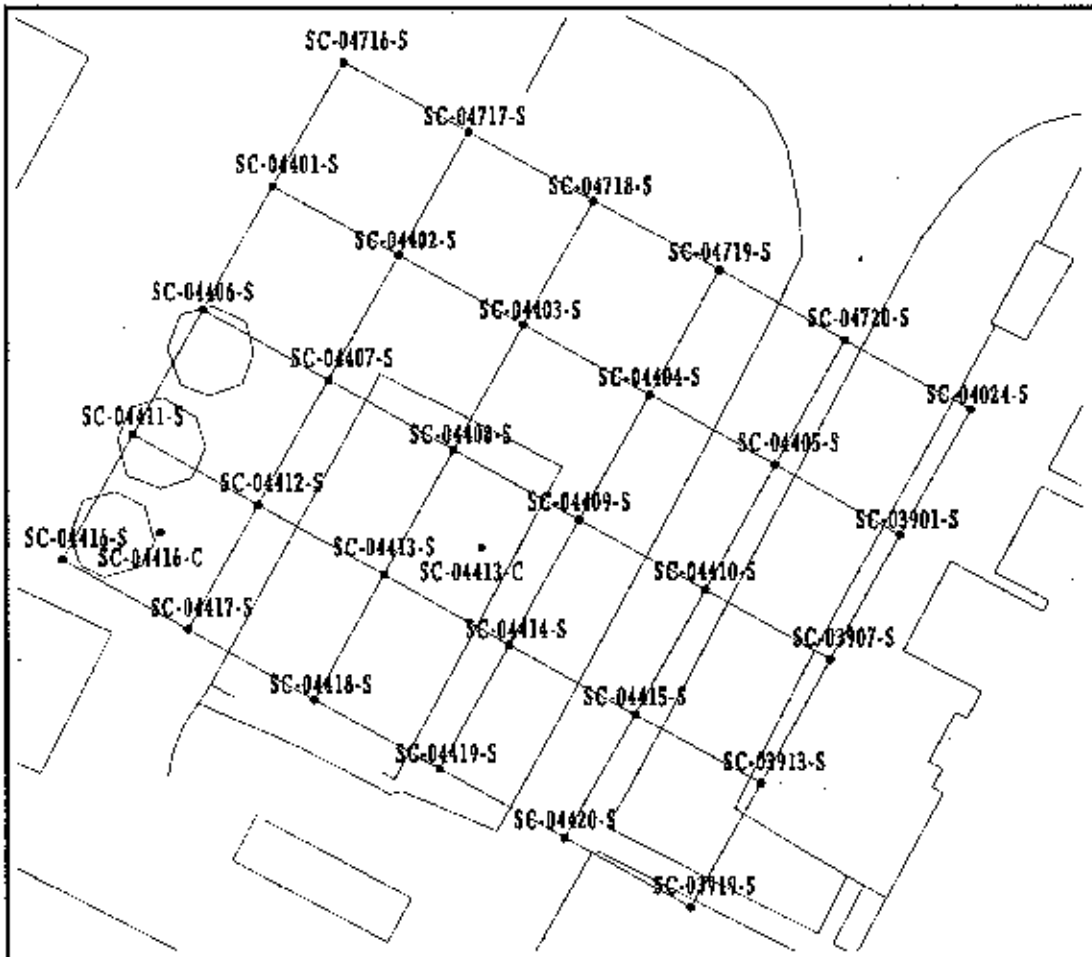
EXHIBIT NO.: A/CP/0036/0297		REPORT NO.: DOE/OR/21548-666	
ORIGINATOR: MGL	DRAWN BY: LGB	DATE: 2/97	



Sample Locations in Remedial Unit RU006 Confirmation Unit CU043

Figure A-24

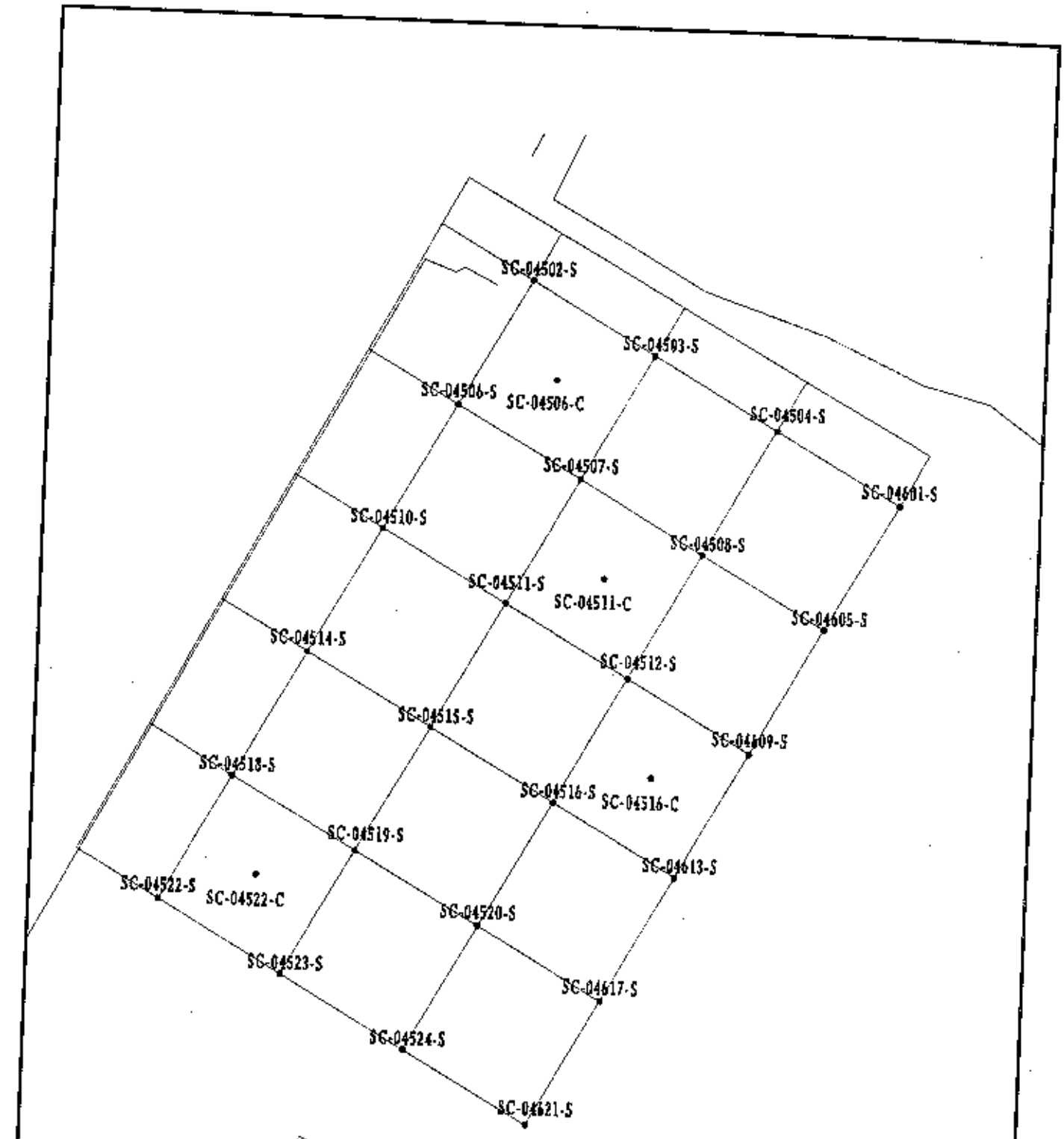
EXHIBIT NO.: A/CP/0037/0297	REPORT NO.: DOE/OR/21548-666	
ORIGINATOR: MGL	DRAWN BY: LGB	DATE: 2/97



Sample Locations in Remedial Unit RU006
Confirmation Unit CU044

Figure A-25

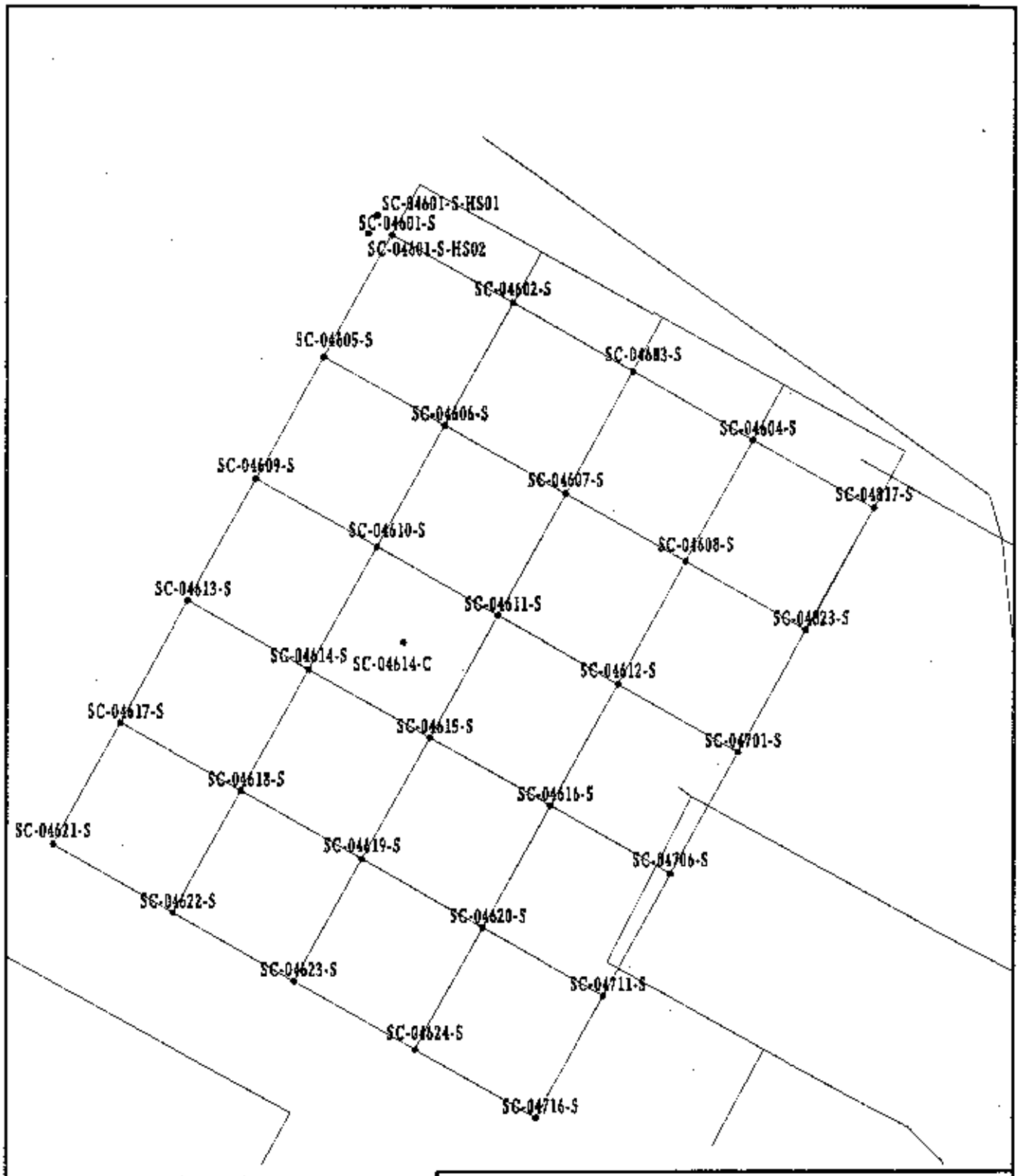
EXHIBIT NO.:	A/CP/0038/0297			REPORT NO.:	DOE/OR/21548-666
ORIGINATOR:	MGL	DRAWN BY:	LGB	DATE:	2/97



Sample Locations in Remedial Unit RU006 Confirmation Unit CU045

Figure A-26

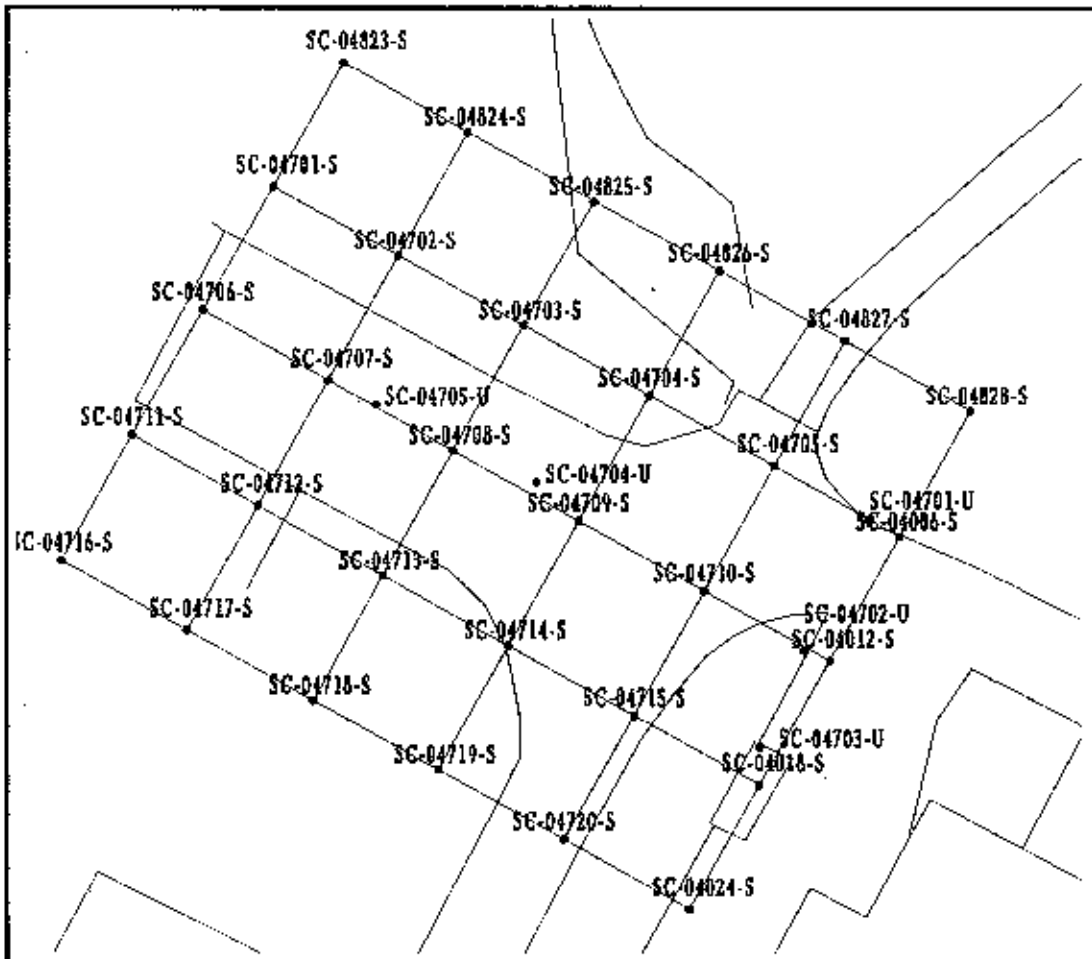
EXHIBIT NO.:	A/CP/0039/0297	REPORT NO.:	DOE/OR/21548-666		
ORIGINATOR:	MGL	DRAWN BY:	LGB	DATE:	2/97



Sample Locations in Remedial Unit RU006 Confirmation Unit CU046

Figure A-27

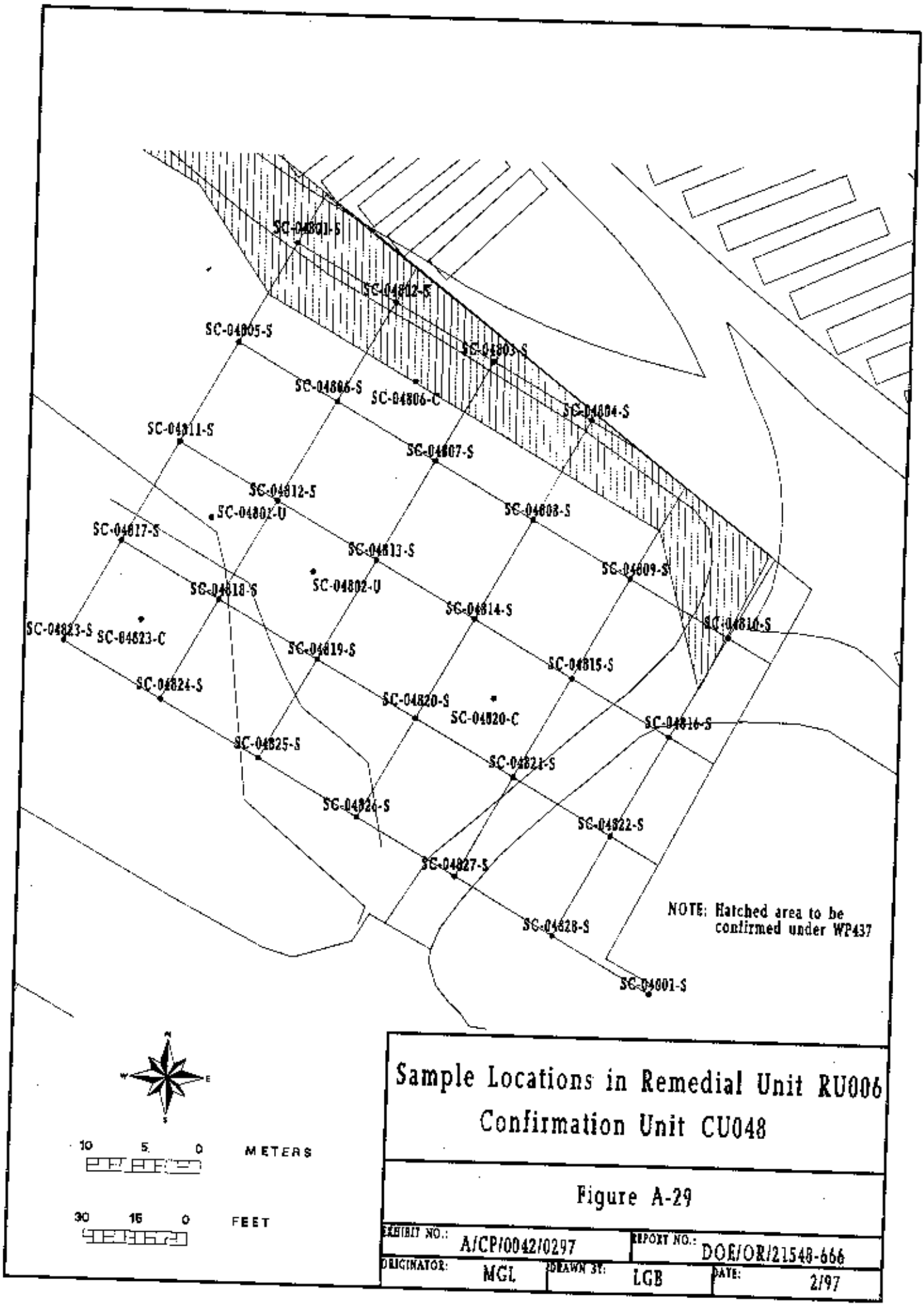
EXHIBIT NO.:	A/CP/0040/0297	REPORT NO.:	DOE/OR/21548-666		
ORIGINATOR:	MGL	DRAWN BY:	LGB	DATE:	2/97



Sample Locations in Remedial Unit RU006 Confirmation Unit CU047

Figure A-28

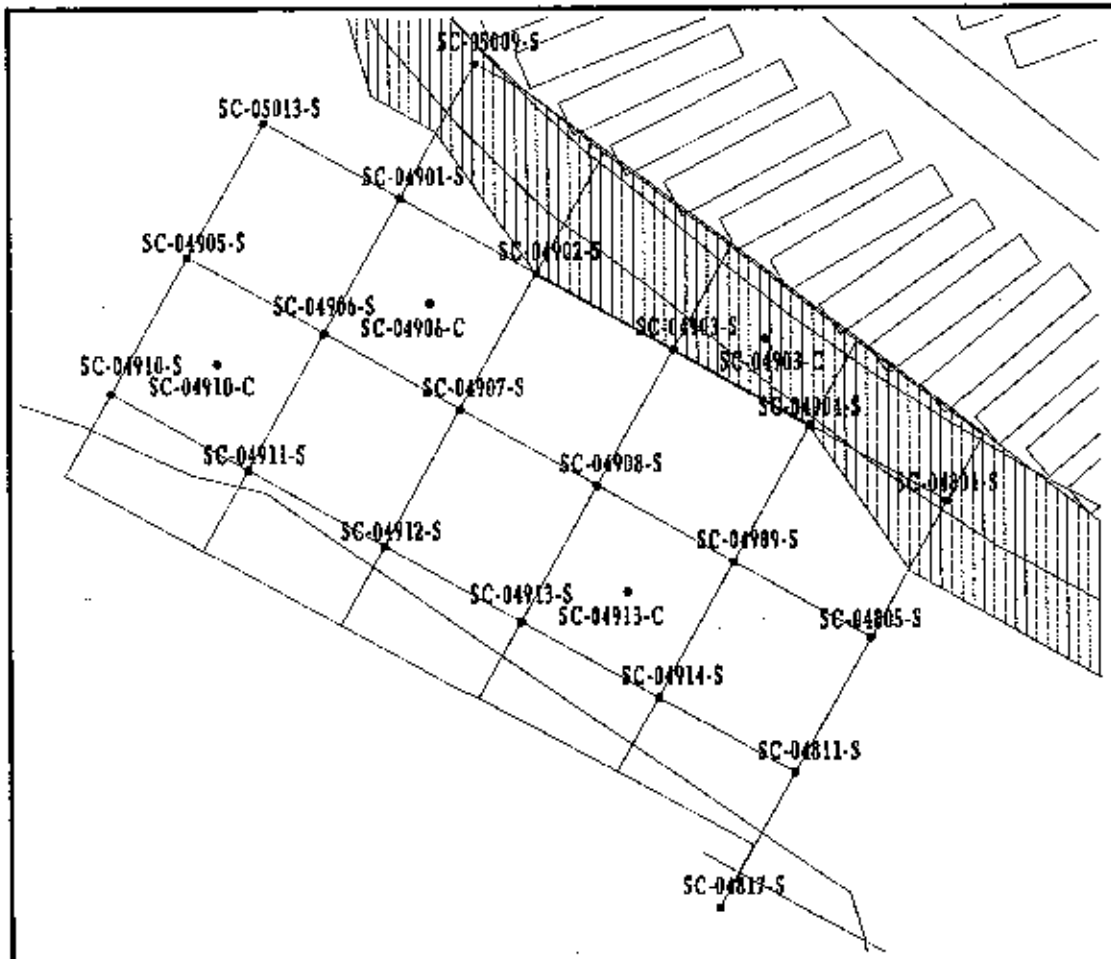
EXHIBIT NO.: A/CP/0041/0297			REPORT NO.: DOE/OR/21548-666		
ORIGINATOR: MGL	DRAWN BY: LGB	DATE: 2/97			



Sample Locations in Remedial Unit RU006 Confirmation Unit CU048

Figure A-29

EXHIBIT NO.: A/CP/0042/0297		REPORT NO.: DOE/OR/21548-666	
ORIGINATOR: MGL	DRAWN BY: LGB	DATE: 2/97	



NOTE: Hatched area to be confirmed under WP437

10 5 0 10 METERS

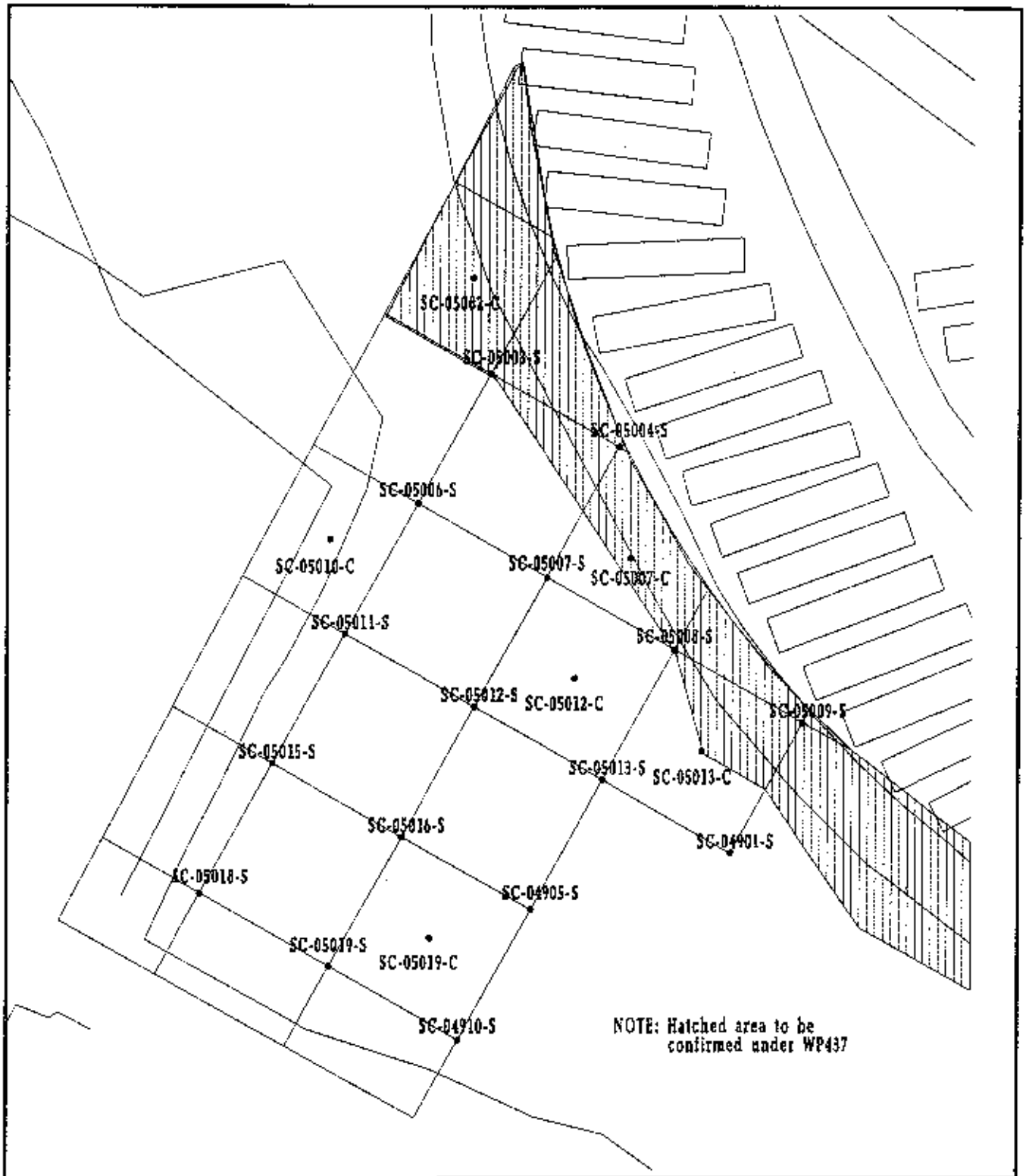
30 15 0 30 FEET

N W E S

Sample Locations in Remedial Unit RU006 Confirmation Unit CU049

Figure A-30

EXHIBIT NO.:	A/CP/0043/0297	REPORT NO.:	DOE/OR/21548-666		
ORIGINATOR:	MGL	DRAWN BY:	LGB	DATE:	2/97



N
W E
S

10 5 0 METERS

30 15 0 FEET

Sample Locations in Remedial Unit RU006
Confirmation Unit CU050

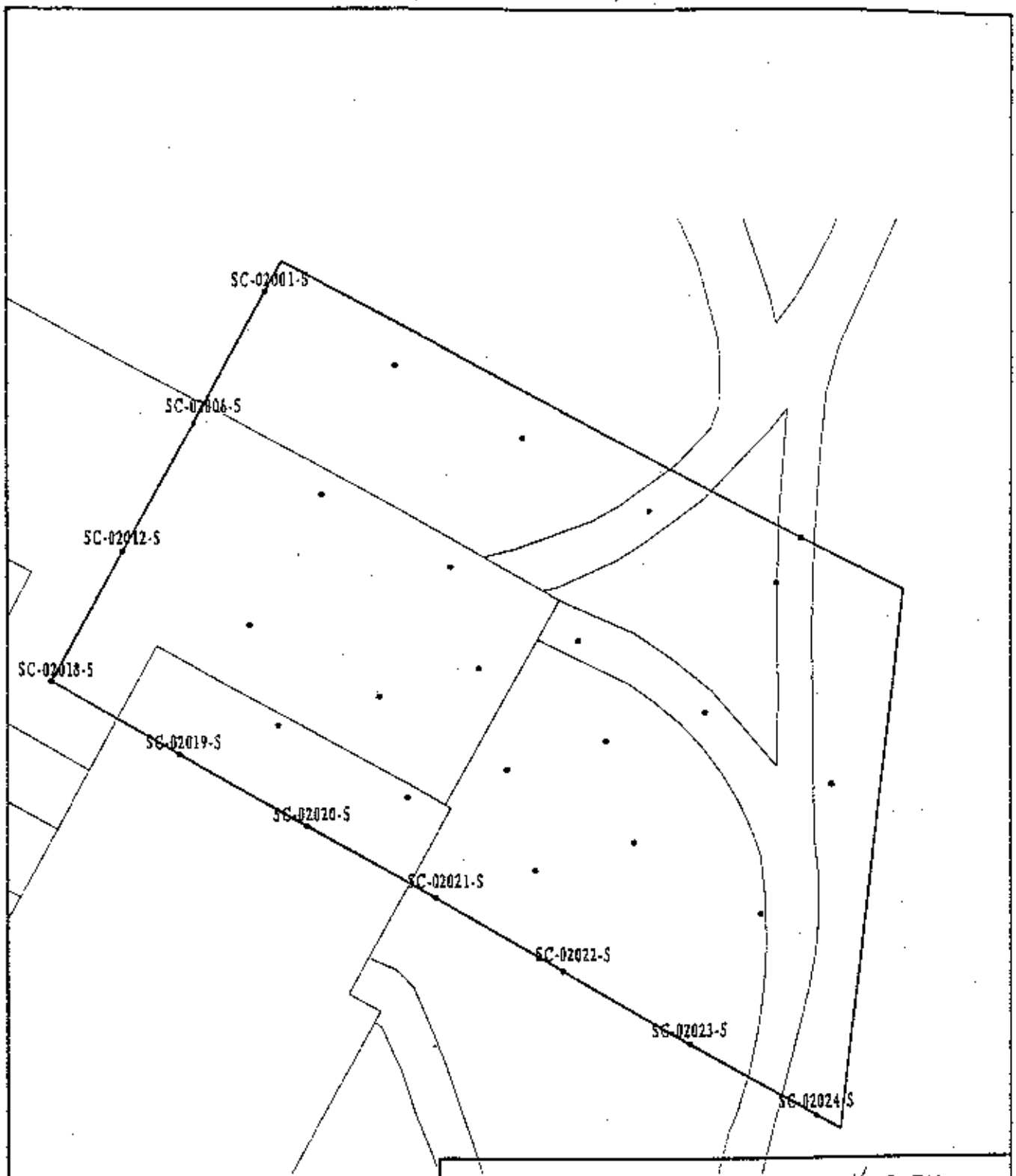
Figure A-31

EXHIBIT NO.: A/CF/0044/0297		REPORT NO.: DOE/OR/21548-666	
ORIGINATOR: MGL	DRAWN BY: LGB	DATE: 2/97	

APPENDIX B

Radiation Survey Forms WP-420

Radiation Survey Form WP 420, RU006CU020



Meter Model#: 44-10 Detector Model#: NaI 2X2

Meter Serial#: 127252 Detector Serial#: 12260

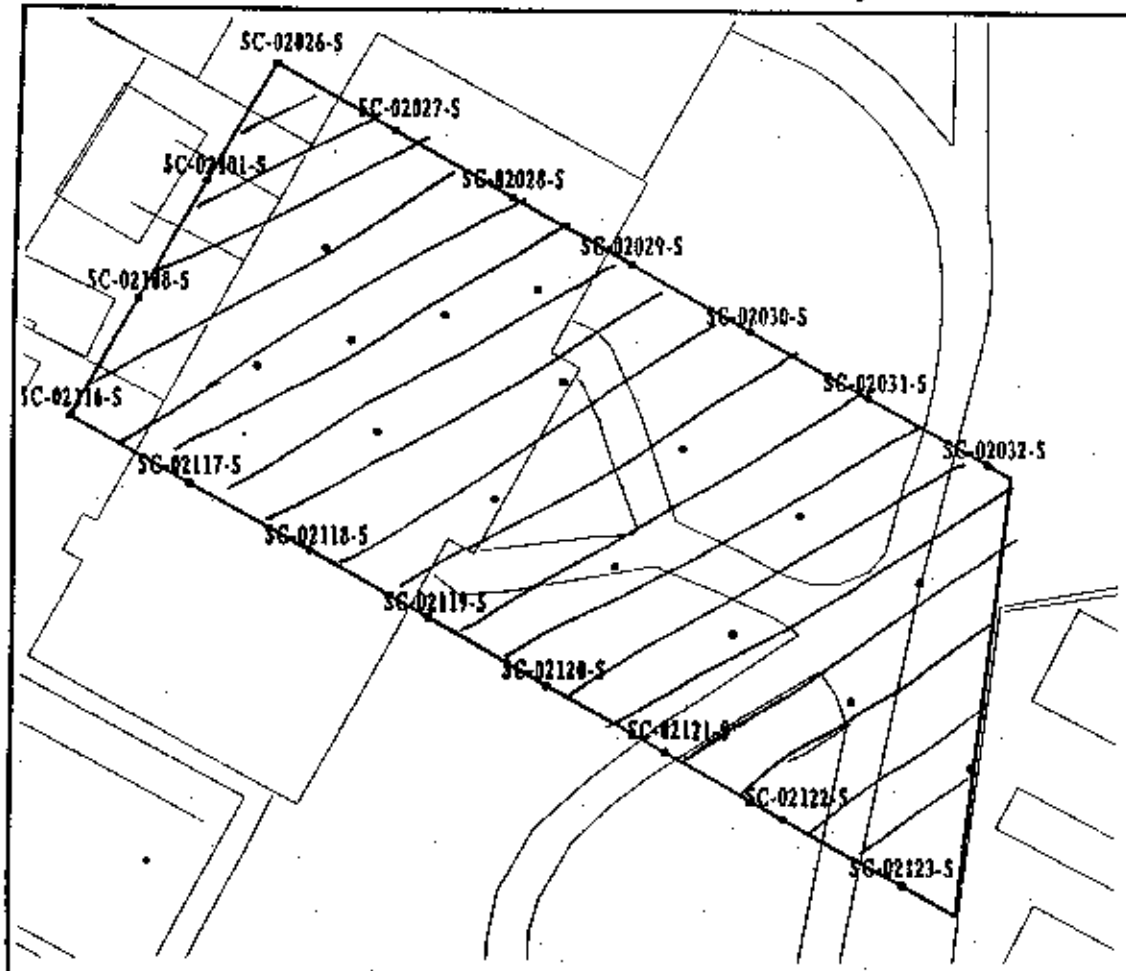
Calibration Due: 3-6-97 Calibration Due: 4-3-97

Survey Date/Time: (0700-1030) 8-1-96 Field Bkg.: 11500 c-pm

Surveyor(s): L. Hayoss

Comments: The area indicated above has been surveyed. The activity was less than 1.5X background of the instrument

Radiation Survey Form WP 420, RU006CU021



10 5 0 10 METERS

30 15 0 30 FEET

N E S

Meter Model#: 44-10 Detector Model#: 2x2 NaI

Meter Serial#: 127252 Detector Serial#: 122600

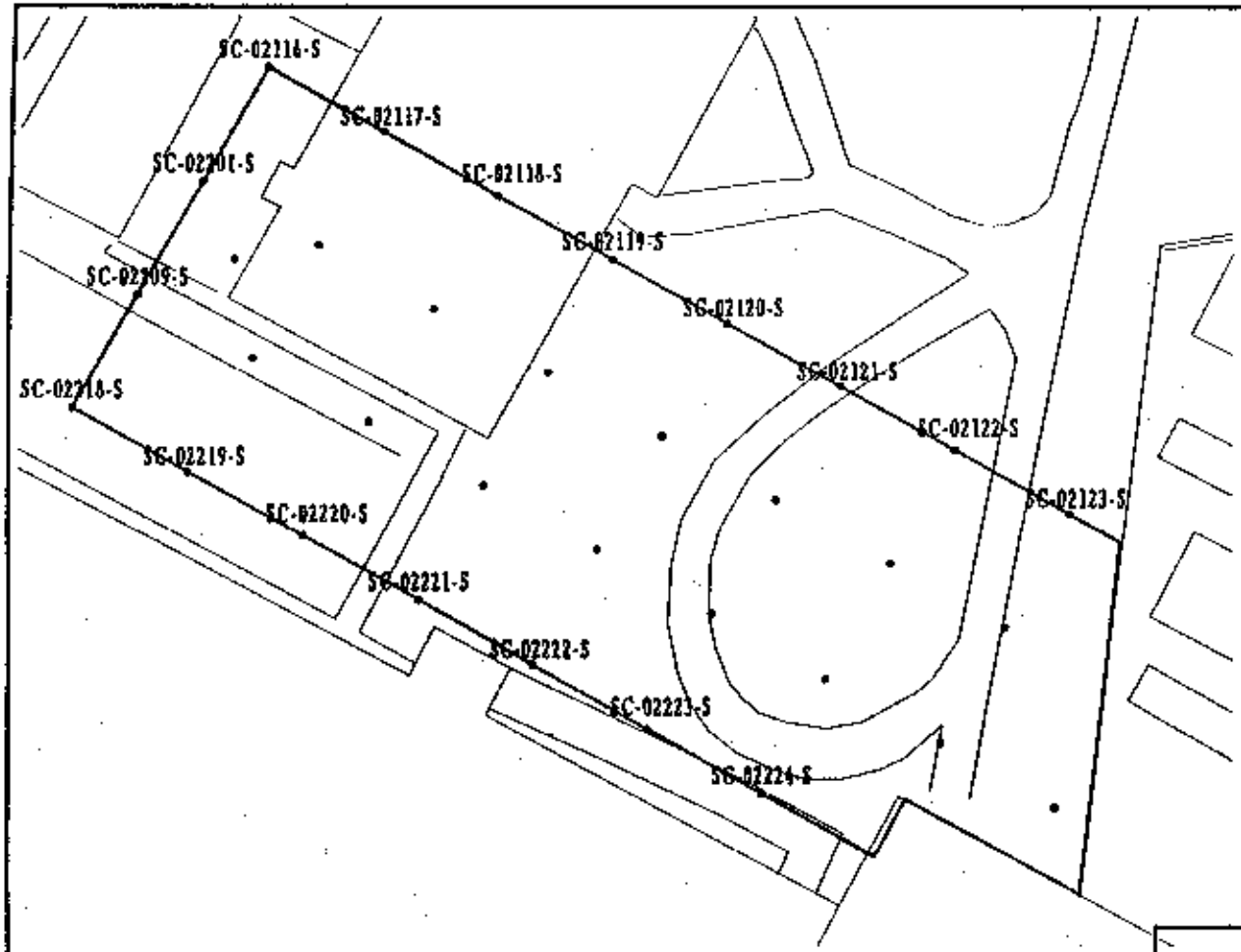
Calibration Due: 3-6-97 Calibration Due: 4-3-97

Survey Date/Time: 7-31-96 1850-2025 Field Bkg.: 10,500 cpm

Surveyor(s): T. Butzloff / J. Geyer

Comments: The above area was surveyed and was found to be less than 1.5 times background.

Radiation Survey Form WP 420, RU006CU022



10 6 0 10 METERS

30 15 0 30 FEET

N
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Meter Model#: 44-10 Detector Model#: NaI 2x2

Meter Serial#: 127252 Detector Serial#: 12260

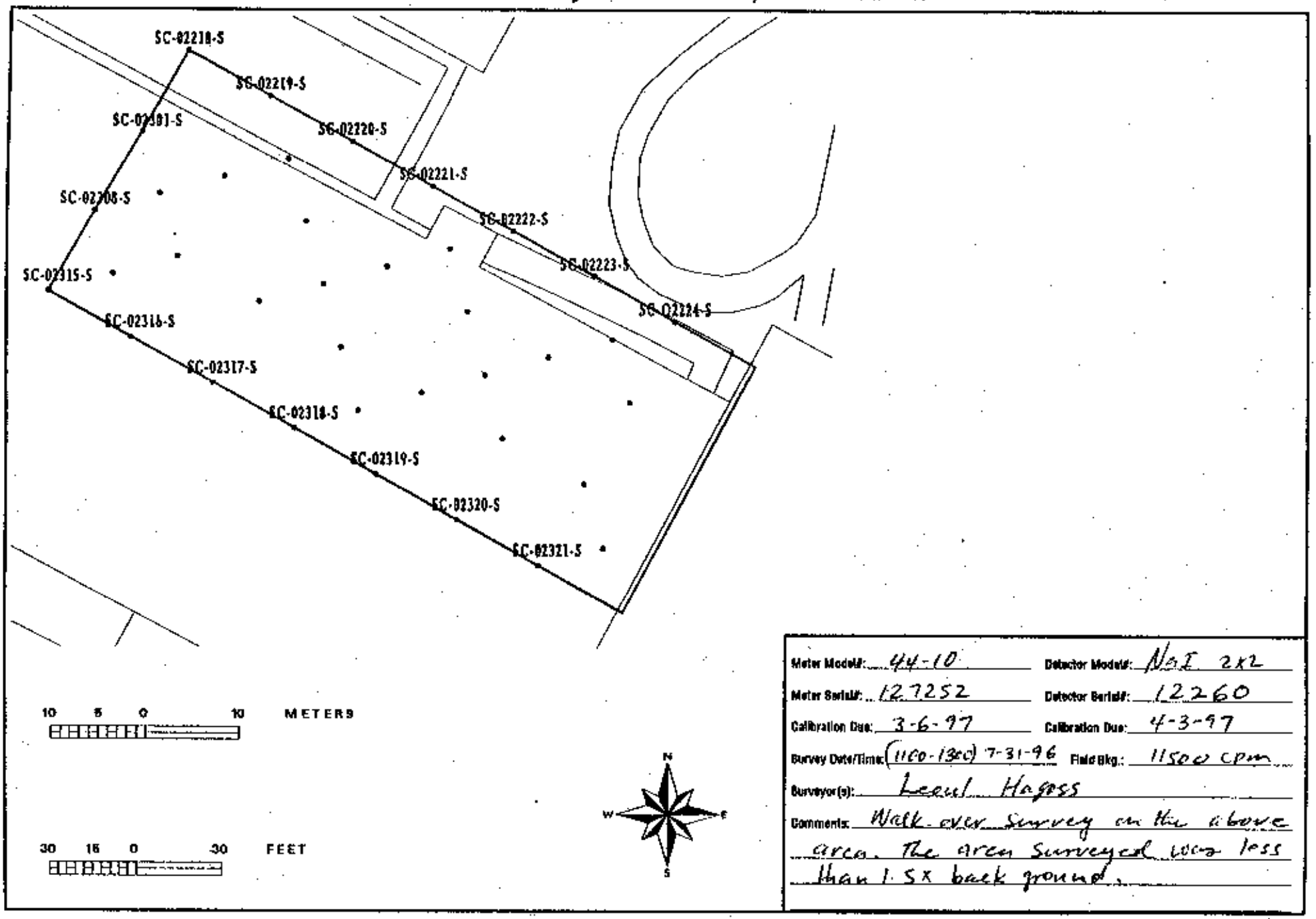
Calibration Due: 3-6-97 Calibration Due: 4-3-97

Survey Date/Time: 1100-1300 7-31-96 Field Bkg.: 11500 cpm

Surveyor(s): Leoul Hagoss

Comments: Walk-over Survey on the above area. The area Surveyed was less than 1.5x back-ground

Radiation Survey Form WP 420, RU006CU023



Meter Model#: 44-10 Detector Model#: NaI 2x2

Meter Serial#: 127252 Detector Serial#: 12260

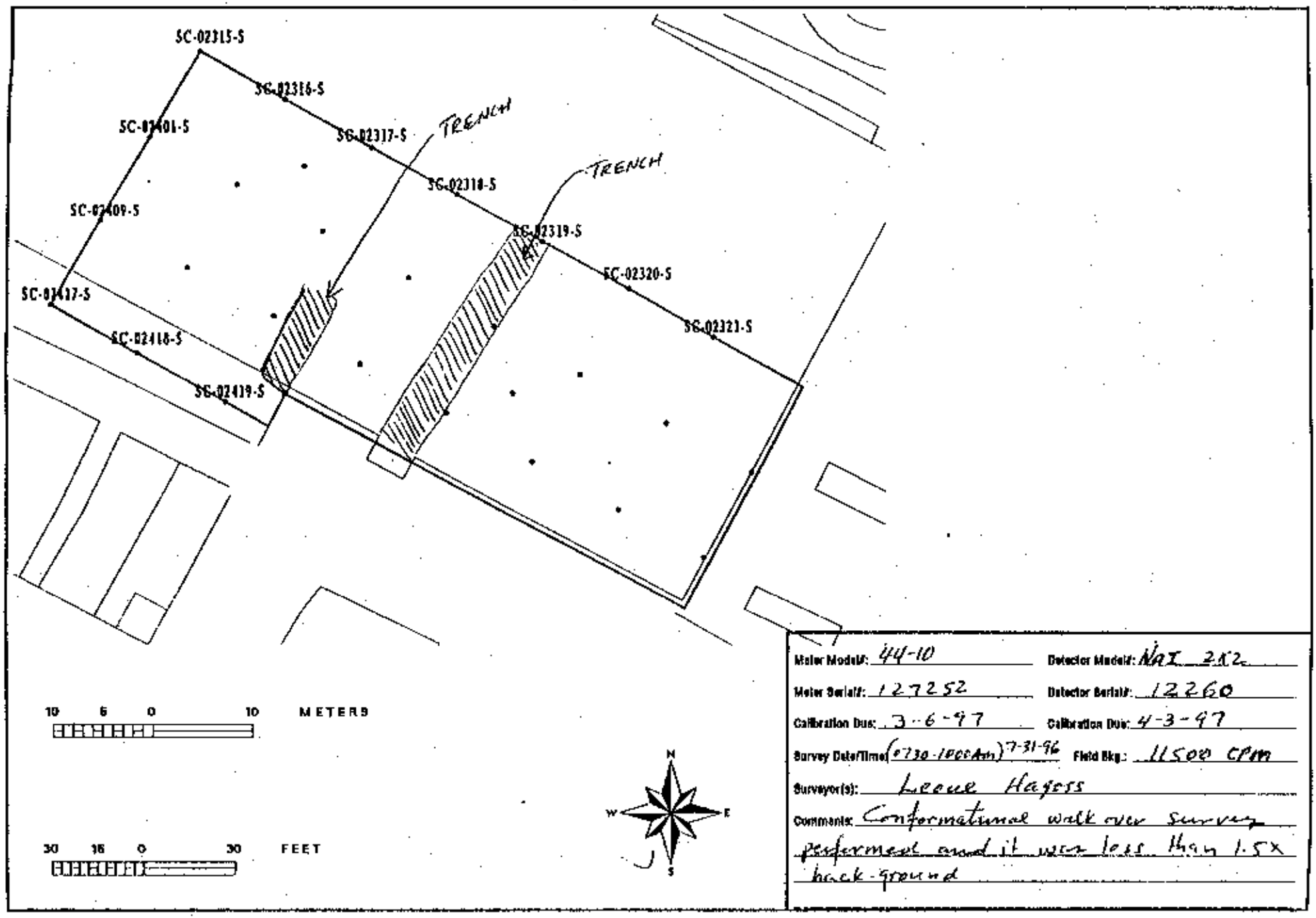
Calibration Due: 3-6-97 Calibration Due: 4-3-97

Survey Date/Time: (1100-1300) 7-31-96 Field Bkg.: 11500 cpm

Surveyor(s): Lenel Hagess

Comments: Walk over Survey on the above area. The area surveyed was less than 1.5x back ground.

Radiation Survey Form WP 420, RU006CU024



Meter Model#: 44-10 Detector Model#: NAI 2x2

Meter Serial#: 127252 Detector Serial#: 12260

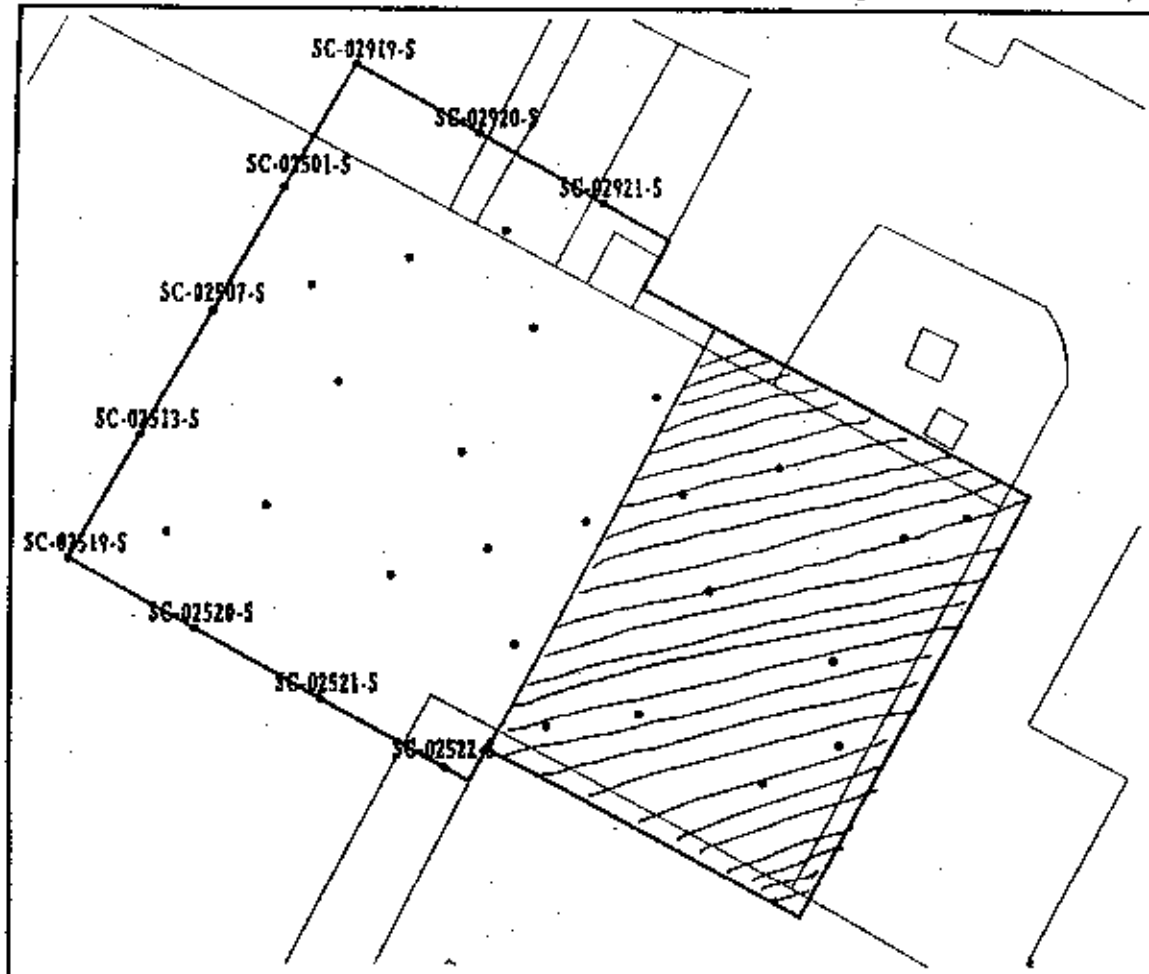
Calibration Due: 3-6-97 Calibration Due: 4-3-97

Survey Date/Time: (0730-1000Am) 7-31-96 Field Bkg.: 11500 CPM

Surveyor(s): Leeue Hayess

Comments: Conformational walk over survey performed and it was less than 1.5X back-ground

Radiation Survey Form WP 420, RU006CU025



Note: The entire area measured Bkg ± 1000 cpm.

— denotes area surveyed

Meter Model#: Ludlum 2221 Detector Model#: F-Nal

Meter Serial#: Ludlum 2221 8/23/96 - F Detector Serial#: G - Nal F - 9/21/96

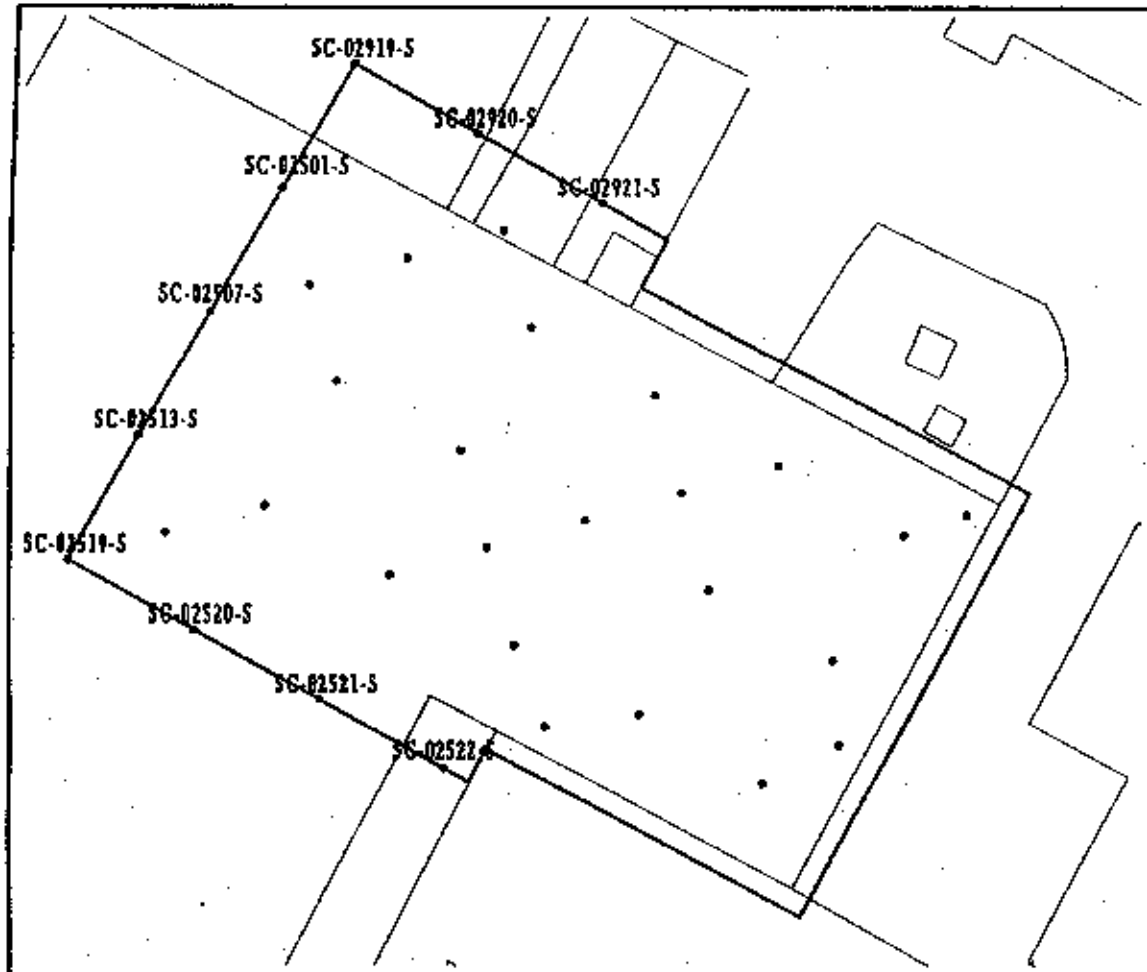
Calibration Due: 3/3/97 - G Calibration Due: G - 8/29/96 F - 9000 cpm

Survey Date/Time: 4/18/96 0900 Field Bkg.: G - 10000 cpm

Surveyor(s): J. Reyes / R. Ramapathy

Comments: noticed pieces of rebar and misc. metal in the survey area. These were picked up and were not above Bkg. w/ either instrument

Radiation Survey Form WP 420, RU006CU025



10 5 0 10 METERS

30 15 0 30 FEET

N
W E
S

Meter Model#: 44-10 Detector Model#: 2X2 NaI

Meter Serial#: 125435 Detector Serial#: 4240F

Calibration Due: 2-22-96 Calibration Due: 9-21-96

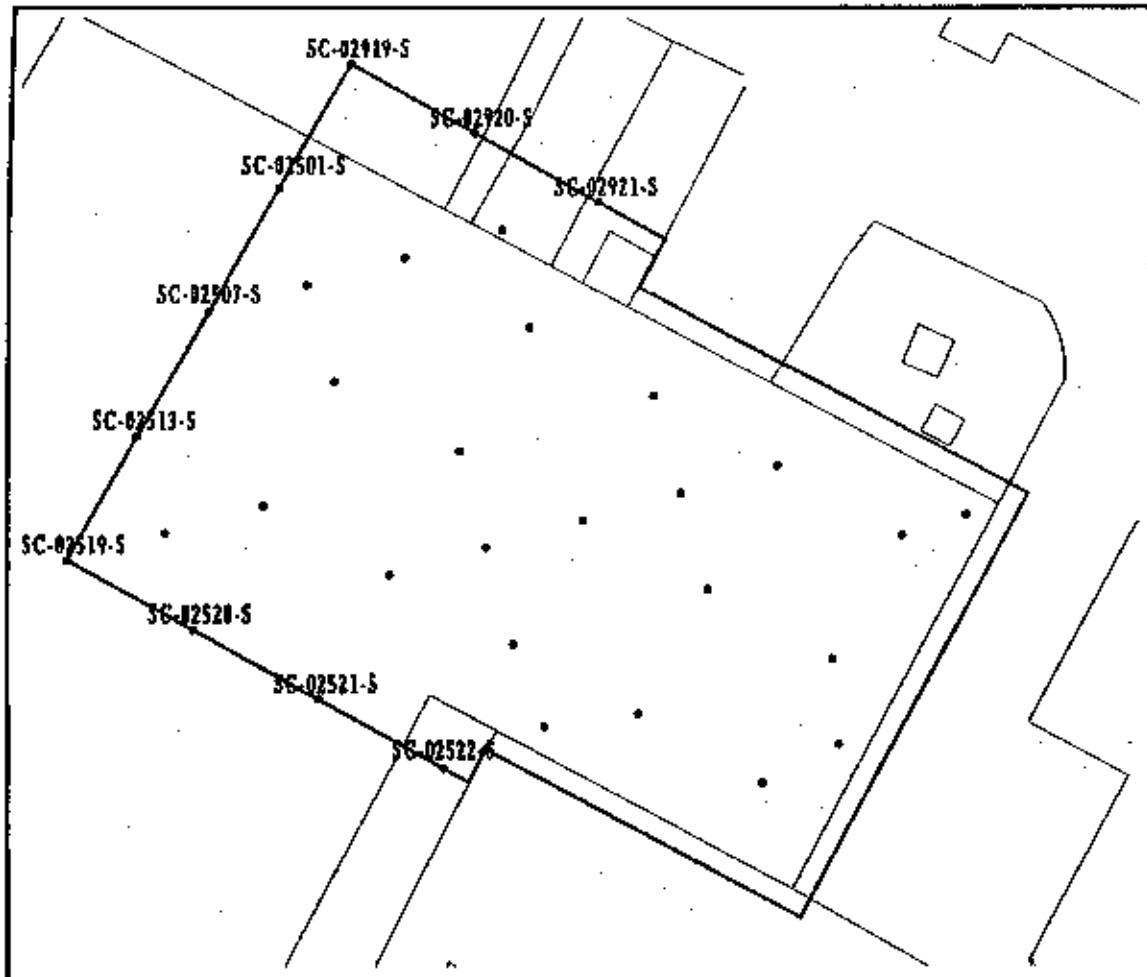
Survey Date/Time: 6-4-96 (0800-1600) Field Bkg.: 9000 cpm

Surveyor(s): Johann Geyer & Leoul Hagoss

Comments: Area Surveyed was less than 1.5X instrument back-ground. we did not Surveyed the ditches due to water and muddy Condition.

* DITCH'S WERE WALKED OVER AFTER

Radiation Survey Form WP 420, RU006CU025



Meter Model#: 44-10 Detector Model#: 2x2 NaI

Meter Serial#: 127252 Detector Serial#: 122608 I

Calibration Due: 3-6-97 Calibration Due: 4-3-97

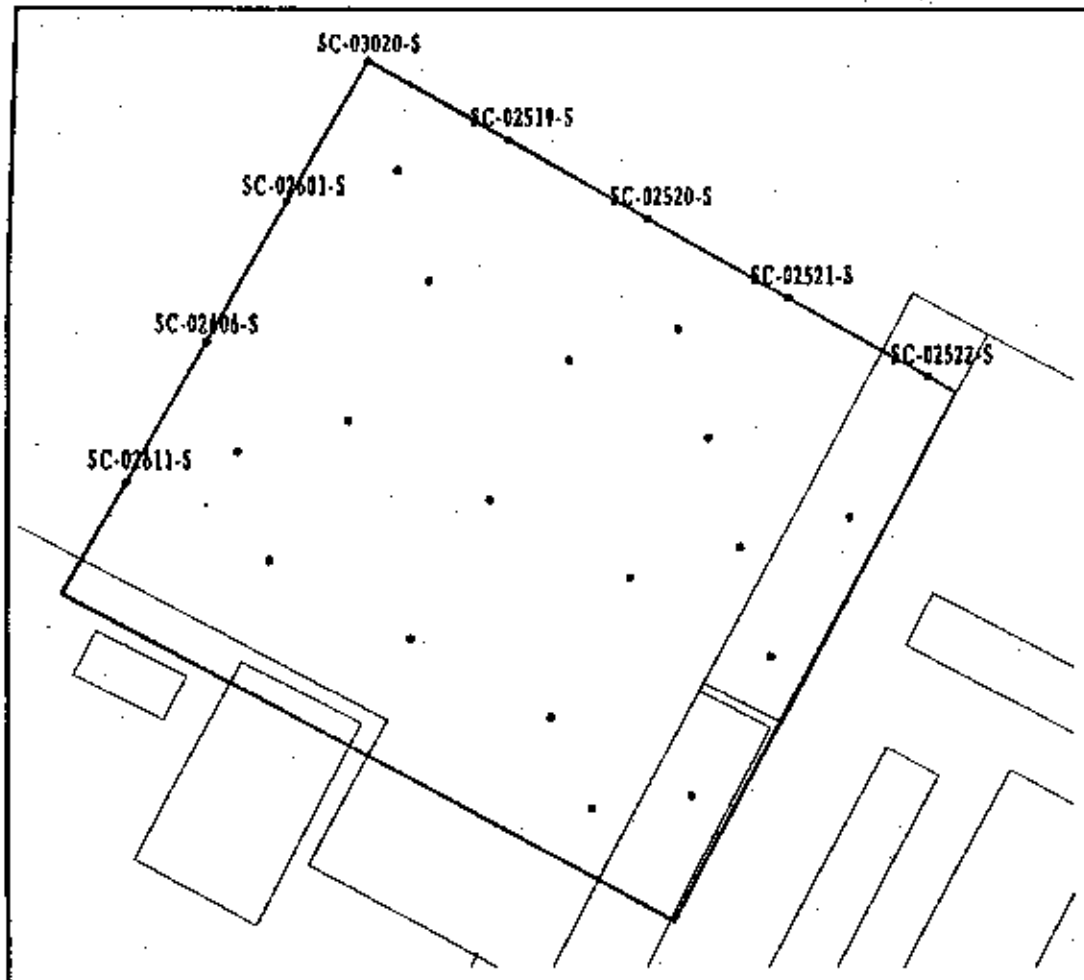
Survey Date/Time: 6-4-96 (0600-1600) Field Bkg.: 10000 cpm

Surveyor(s): Johann Geyer & Leoul Hagoss

Comments: Area Surveyed was less than 1-5x instrument back-ground. We did not Surveyed the ditches due to water and muddy condition.

* Ditch's were walked over after

Radiation Survey Form WP 420, RU006CU026



Meter Model#: 44-10 Detector Model#: 2x2 NaI

Meter Serial#: 125435 Detector Serial#: 4240F

Calibration Due: 8-22-96 Calibration Due: 9-21-96

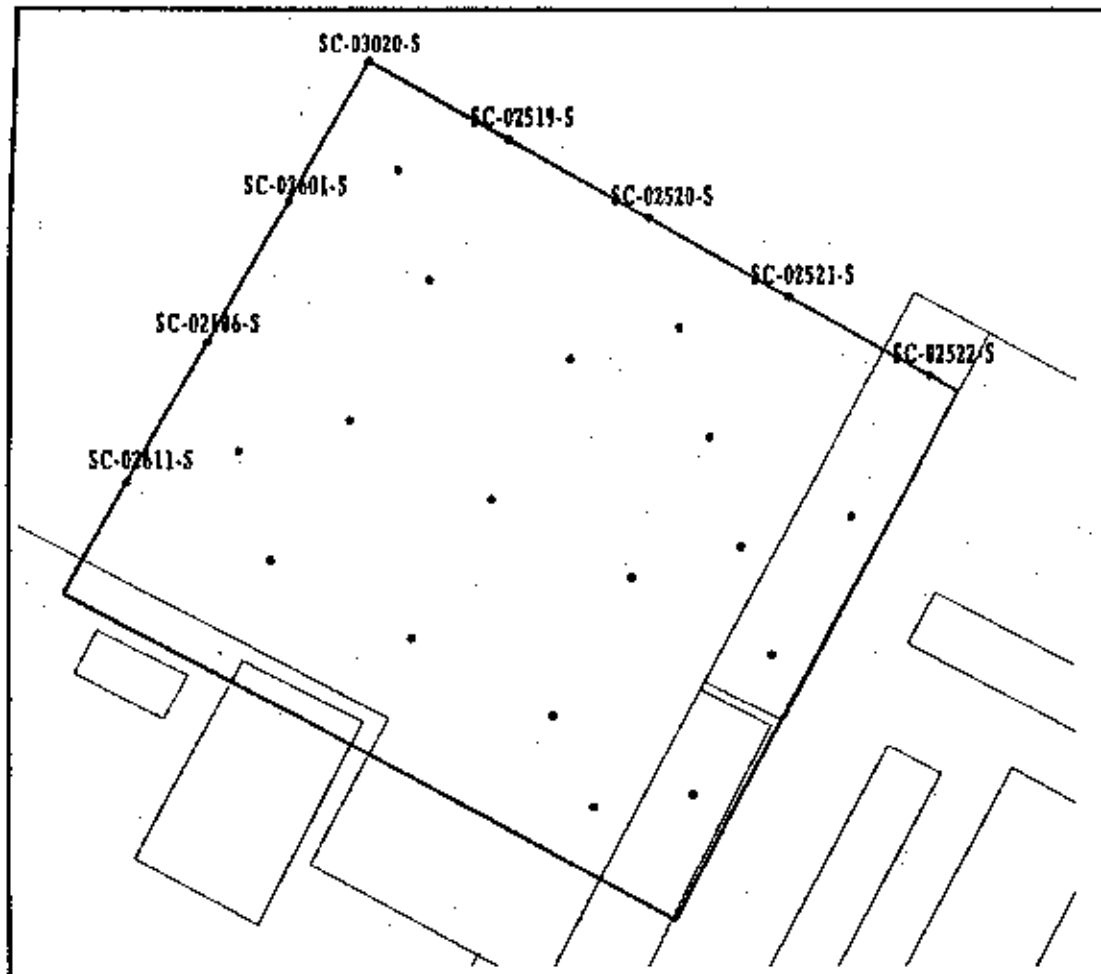
Survey Date/Time: 6-3-96 (0700-1600) Field Bkg.: 9000 cpm

Surveyor(s): Leoul & Archana

Comments: Area Surveyed was less than 1.5x instrument back-ground. We didn't Surveyed the ditches due to water accumulation.

*DITCH'S WERE WALKED OVER AFTER

Radiation Survey Form WP 420, RU006CU026



Meter Model#: 44-10 Detector Model#: 2X2 NaI

Meter Serial#: 127252 Detector Serial#: 122608 I

Calibration Due: 3-6-97 Calibration Due: 4-3-97

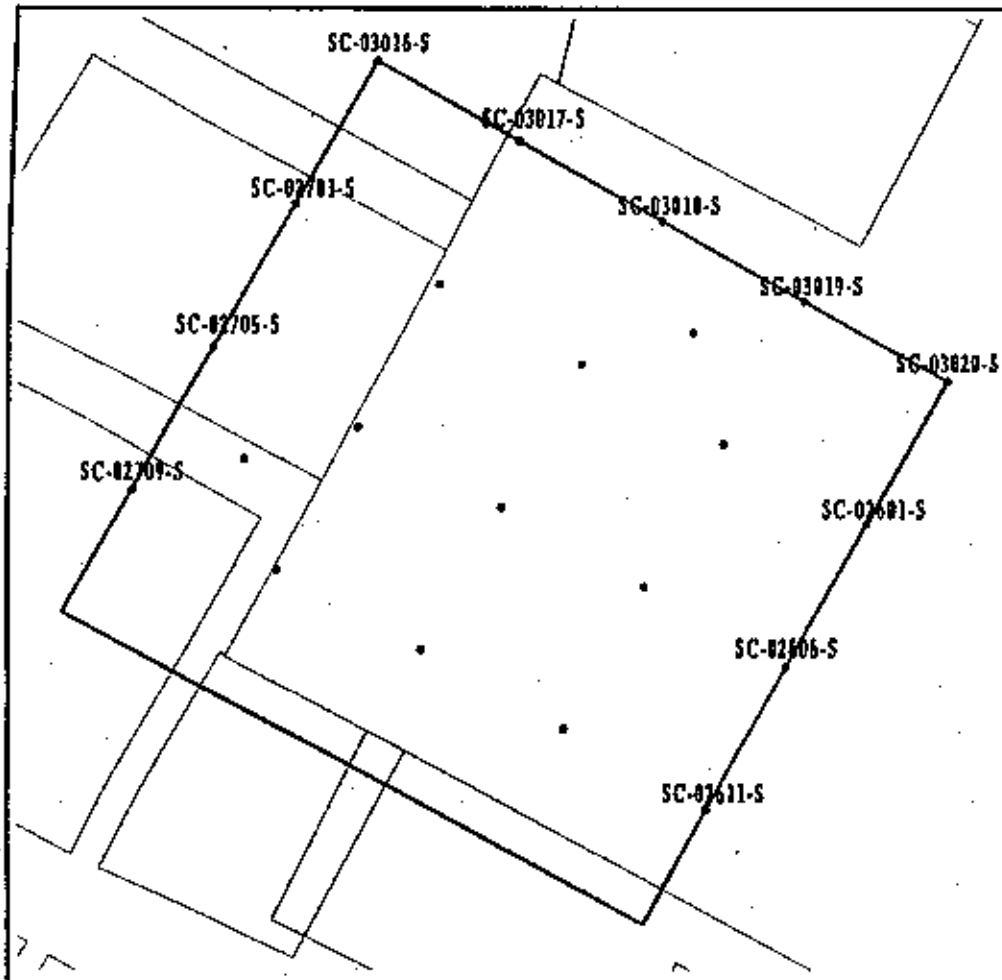
Survey Date/Time: 6-3-96 (0800-1600) Field Bkg.: 10000 cpm

Surveyor(s): Leoul & Archana

Comments: Area Surveyed was less than 1.5X instrument back-ground. we did'nt not Surveyed the ditches due to water accumulation.

* DITCH'S WERE WALKED OVER AFTER [illegible] WALK-OVER 6-5-96

Radiation Survey Form WP 420, RU006CU027



10 5 0 10 METERS

30 15 0 30 FEET

N W E S

Meter Model#: 44-10 Detector Model#: 2x2 NaI

Meter Serial#: 125435 Detector Serial#: 4240F

Calibration Due: 8-22-96 Calibration Due: 9-21-96

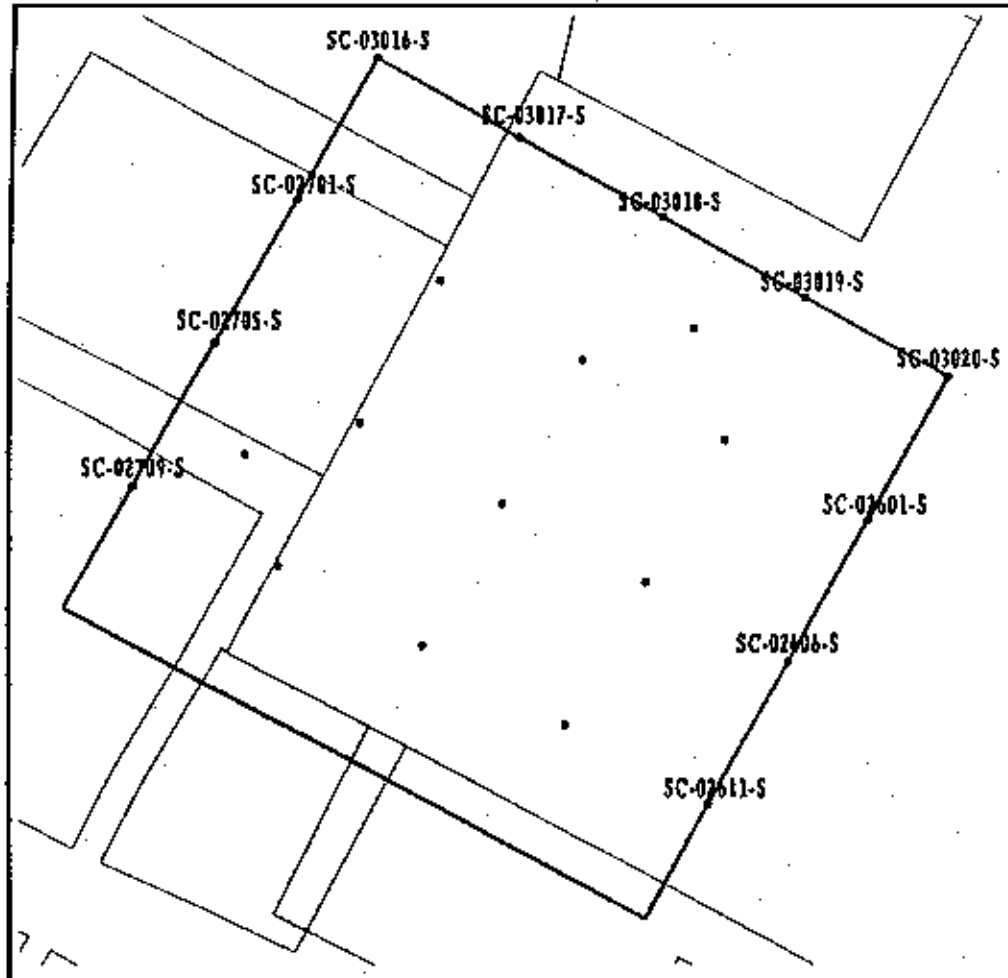
Survey Date/Time: 6-4-96 (0800-1600) Field Bkg.: 9000 cpm

Surveyor(s): Johann Geyer & Leon I Hagoss

Comments: Almost 90% of the area surveyed was less than 1.5 K instrument background. Avisco Employees were pumping water from the ditches.

* DITCH'S WERE WALKED OVER AFTER

Radiation Survey Form WP 420, RU006CU027



10 5 0 10 METERS

30 15 0 30 FEET

N W E S

Meter Model#: 44-10 Detector Model#: 2x2 NaI

Meter Serial#: 127252 Detector Serial#: 122608I

Calibration Due: 3-6-97 Calibration Due: 4-3-97

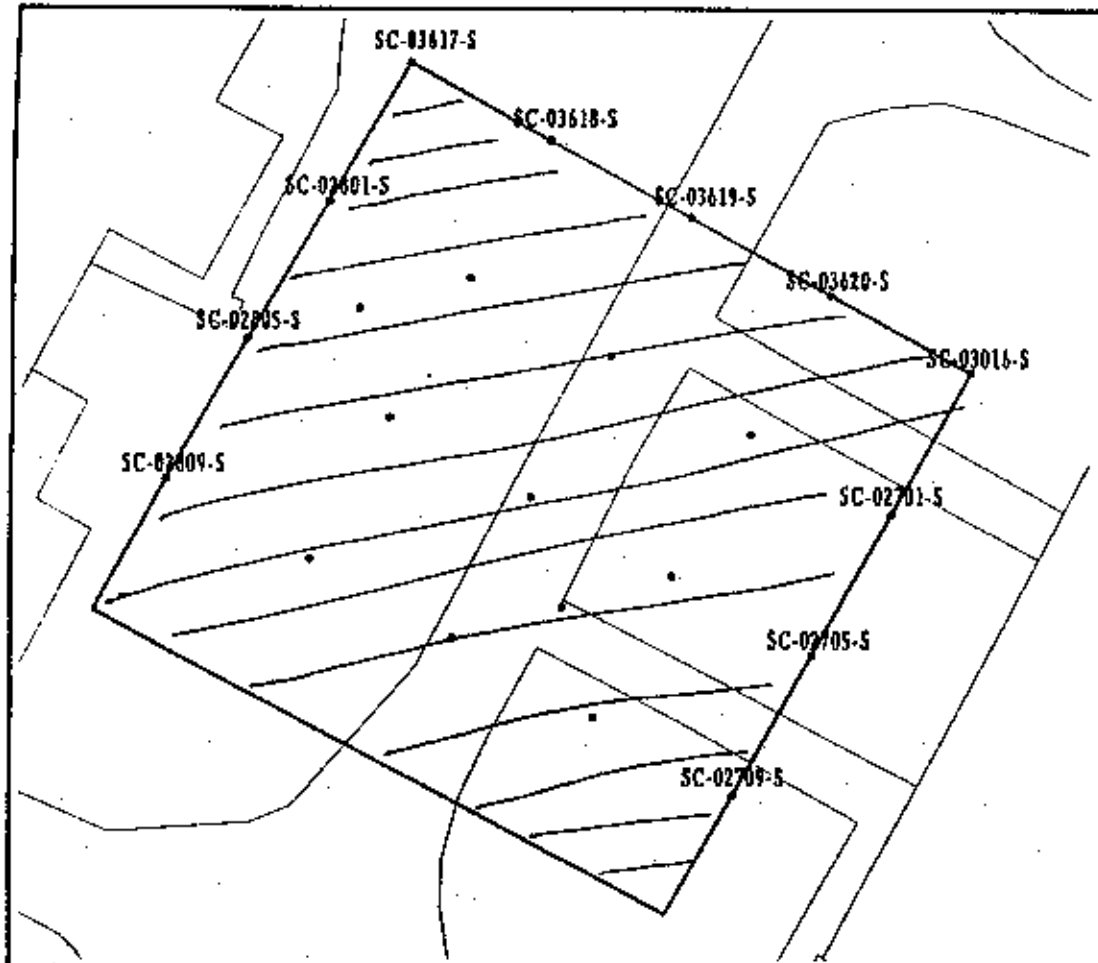
Survey Date/Time: 6-4-96 (0800-1600) Field Bkg.: 10000 CPm

Surveyor(s): Johann Geyer & Leoni Hagoss

Comments: Almost 90% of the area surveyed was less than 1.5x instrument background. Nisco Employees were pumping water from the ditches.

* DITCHES WERE WALKED - OVERAFTER

Radiation Survey Form WP 420, RU006CU028



10 5 0 10 METERS

30 15 0 30 FEET

N E S

Meter Model#: 44-10 Detector Model#: 242 NaI

Meter Serial#: 127252 Detector Serial#: 12260

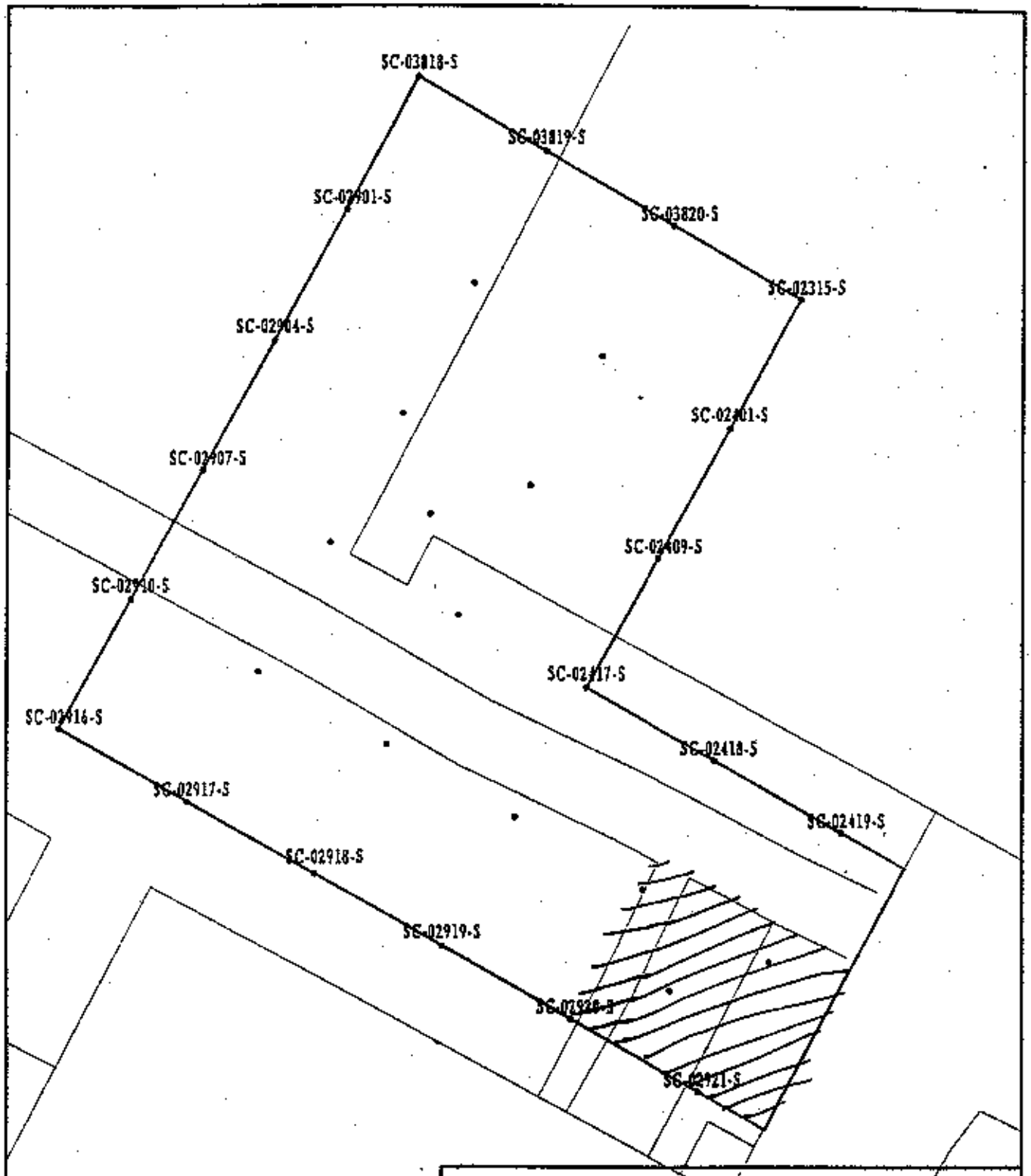
Calibration Due: 3-6-97 Calibration Due: 4-3-97

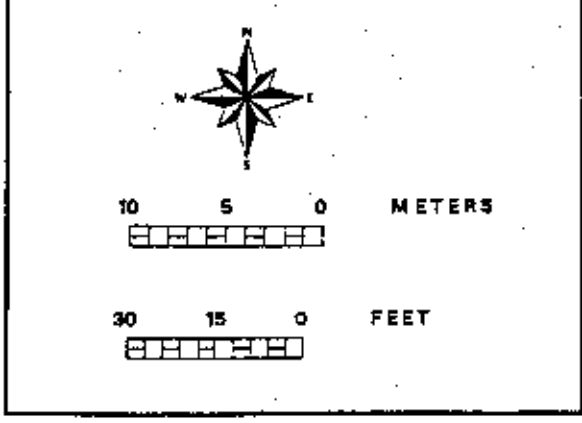
Survey Date/Time: 8-2-96 1300-1420 Field Bkg.: 10,500 cpm

Surveyor(s): T. Butelaff

Comments: The above area was surveyed and was found to be less than 1.5 times background.

Radiation Survey Form WP 420, RU006CU029





Meter Model#: 44-10 Detector Model#: 2x2 NaI

Meter Serial#: 125433 Detector Serial#: 126403K

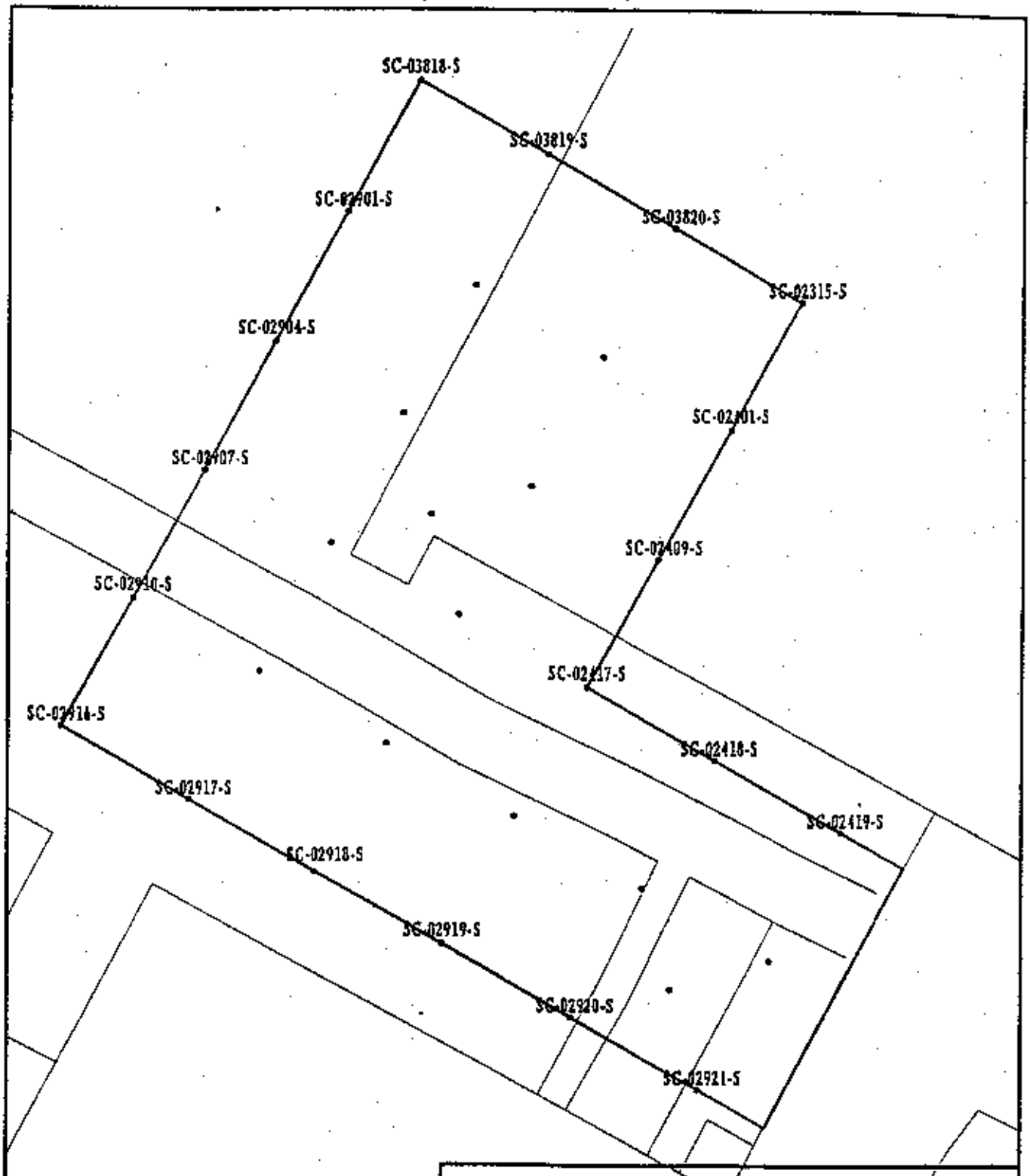
Calibration Due: 2-7-97 Calibration Due: 11-30-96

Survey Date/Time: 6-5-96 (0900-1600) Field Bkg.: 10000 CPM

Surveyor(s): LEONI HAGOSS / TL KEZIC

Comments: THE AREA INDICATED ABOVE WAS SURVEYED. THE ACTIVITY IN THAT AREA WAS LESS THAN 1.5X BACKGROUND OF THE INSTRUMENT.

Radiation Survey Form WP 420, RU006CU029



Meter Model#: 44-10 Detector Model#: NaI 2x2

Meter Serial#: 127252 Detector Serial#: 12260

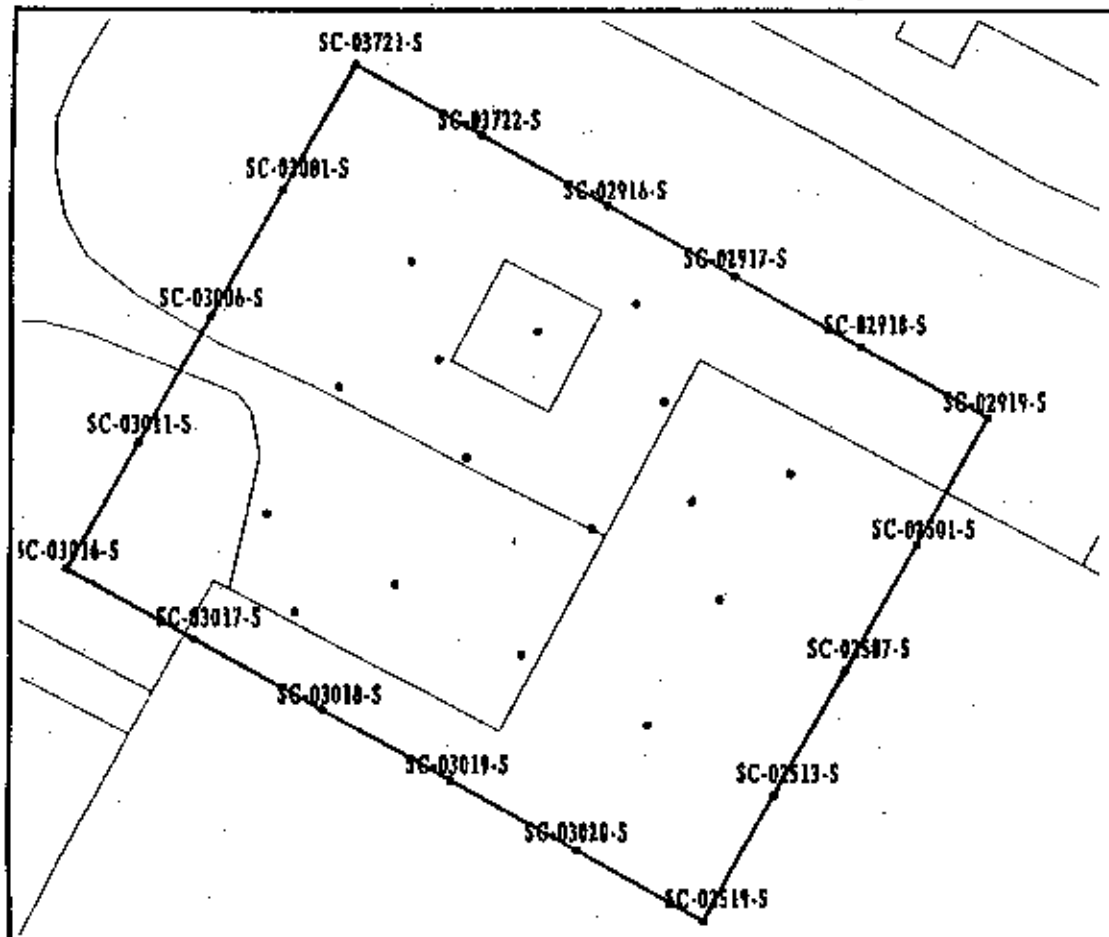
Calibration Due: 3-6-97 Calibration Due: 4-3-97

Survey Date/Time: (0700-1600) 8-1-96 Field Bkg.: 115000

Surveyor(s): Leoul Hagoss

Comments: The above area has been surveyed for Conformational Survey and it was less than 1.5X back-ground

Radiation Survey Form WP 420, RU006CU030



10 5 0 10 METERS

30 15 0 30 FEET

N W E S

Meter Model#: 44-10 Detector Model#: 2x2 NaI

Meter Serial#: 127252 Detector Serial#: 122608I

Calibration Due: 3-6-97 Calibration Due: 4-3-97

Survey Date/Time: 6-4-96 (0800-1600) Field Bkg.: 10000 cpm

Surveyor(s): L. Hagoss

Comments: Area Surveyed was less than 1.5 X Back-ground.

MORRISON KNUDSEN CORPORATION
MK-FERGUSON GROUP

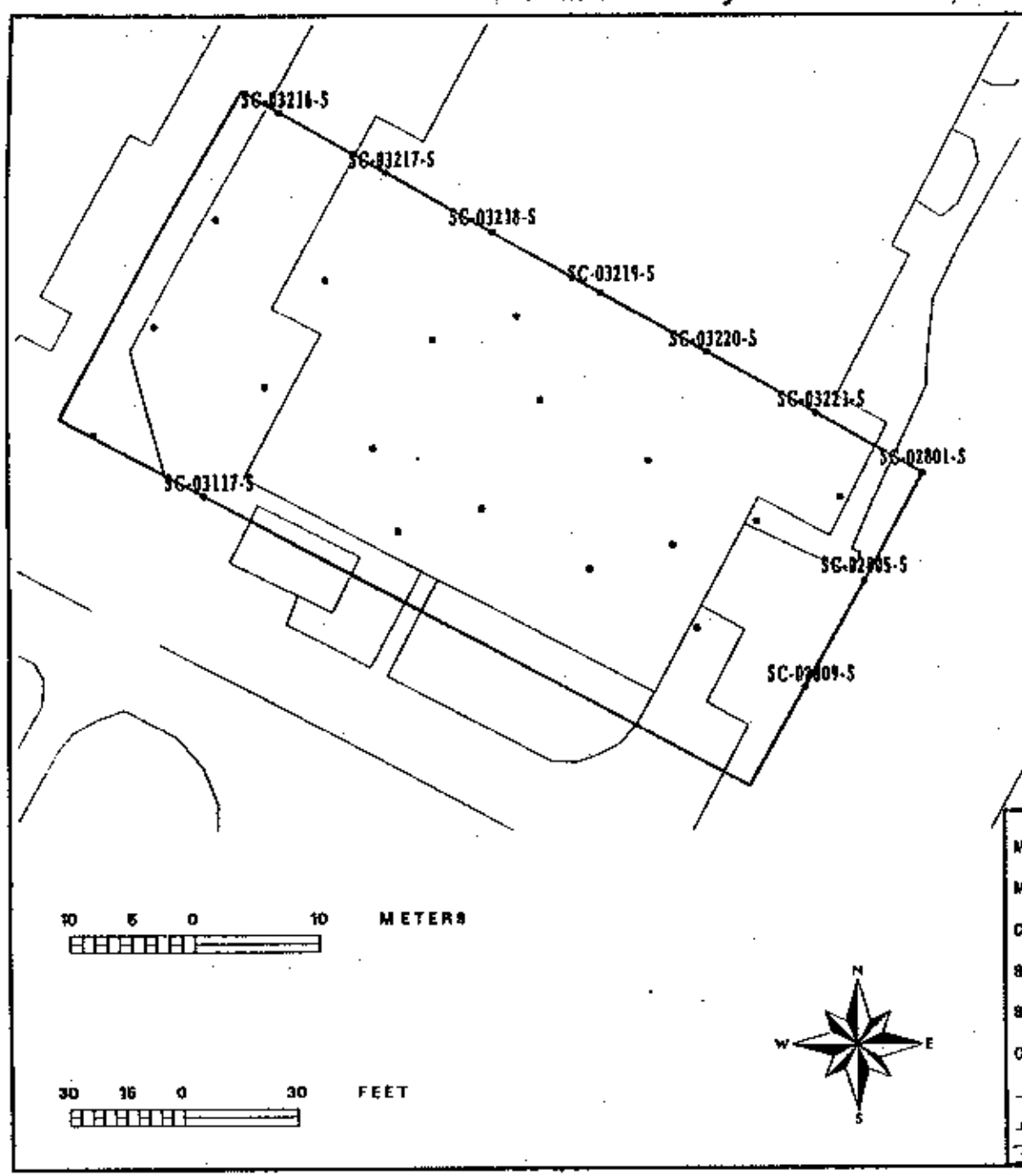
CALCULATION SHEET
ENG-9s.1, REV.0, 9/92

Project Walkover Surveys | Contract No. _____ | Sheet _____
Feature NaI 2"x2" WP420 | Designed _____ | File No. _____
Item B410 area | Checked _____ | Date _____ | Date _____

In accordance with the Confirmation Protocol established for WP420, the surface area was surveyed with a 2"x2" NaI detector in the building 410 area (CU 25, 26, 27, 30). During the course of the surveying process water was encountered within the trenches. Most areas were surveyed with the exception of a few small (2'x2') water puddles. The area surrounding the puddles was approximately Background with no measurements close to the 1.5x Background limit. Jim Meis was consulted on the need to survey these areas. His decision was not to walkover (survey) these puddle areas. I concurred with this decision and this serves to document the deviation.

Johann Tuyn 6/5/96

Radiation Survey Form WP 420, RU006CU031



Meter Model#: 44-10 Detector Model#: 2X2 NaI

Meter Serial#: 106696 Detector Serial#: 130774

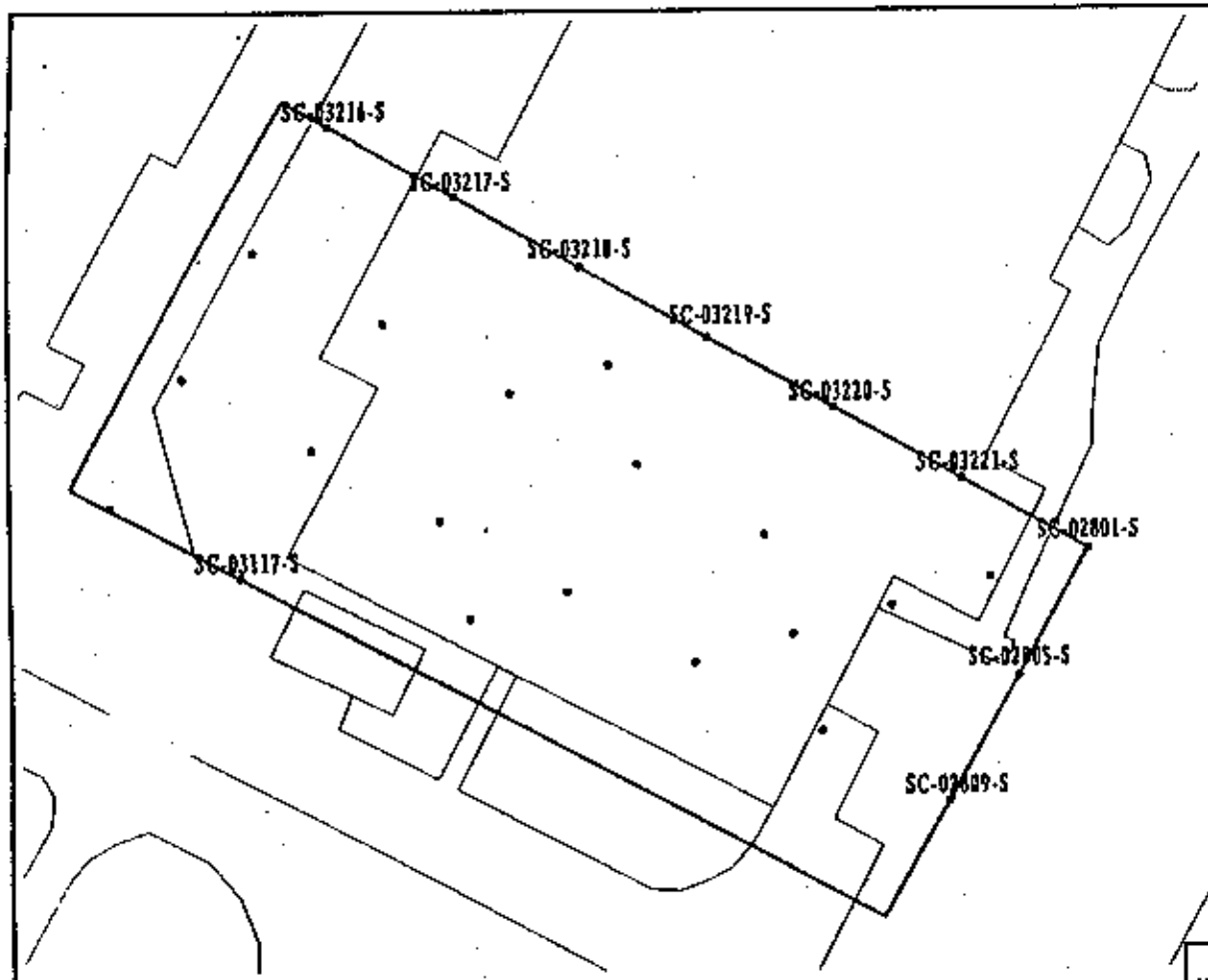
Calibration Due: 11-14-96 Calibration Due: 4-3-97

Survey Date/Time: 5-30-96 (0800-1630) Field Bkg.: 6500

Surveyor(s): Johann Geyer, Raj, & Leoul Hagoss Tonyl

Comments: areas less than 1.5X instrument Bkg. Several areas were muddy w/ ponded water. These were previously surveyed less than 1.5X Bkg.

Radiation Survey Form WP 420, RU006CU031



10 5 0 10 METERS

30 15 0 30 FEET

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Meter Model#: 44-10 Detector Model#: 2X2 NaI

Meter Serial#: 125435 P Detector Serial#: 4240 F

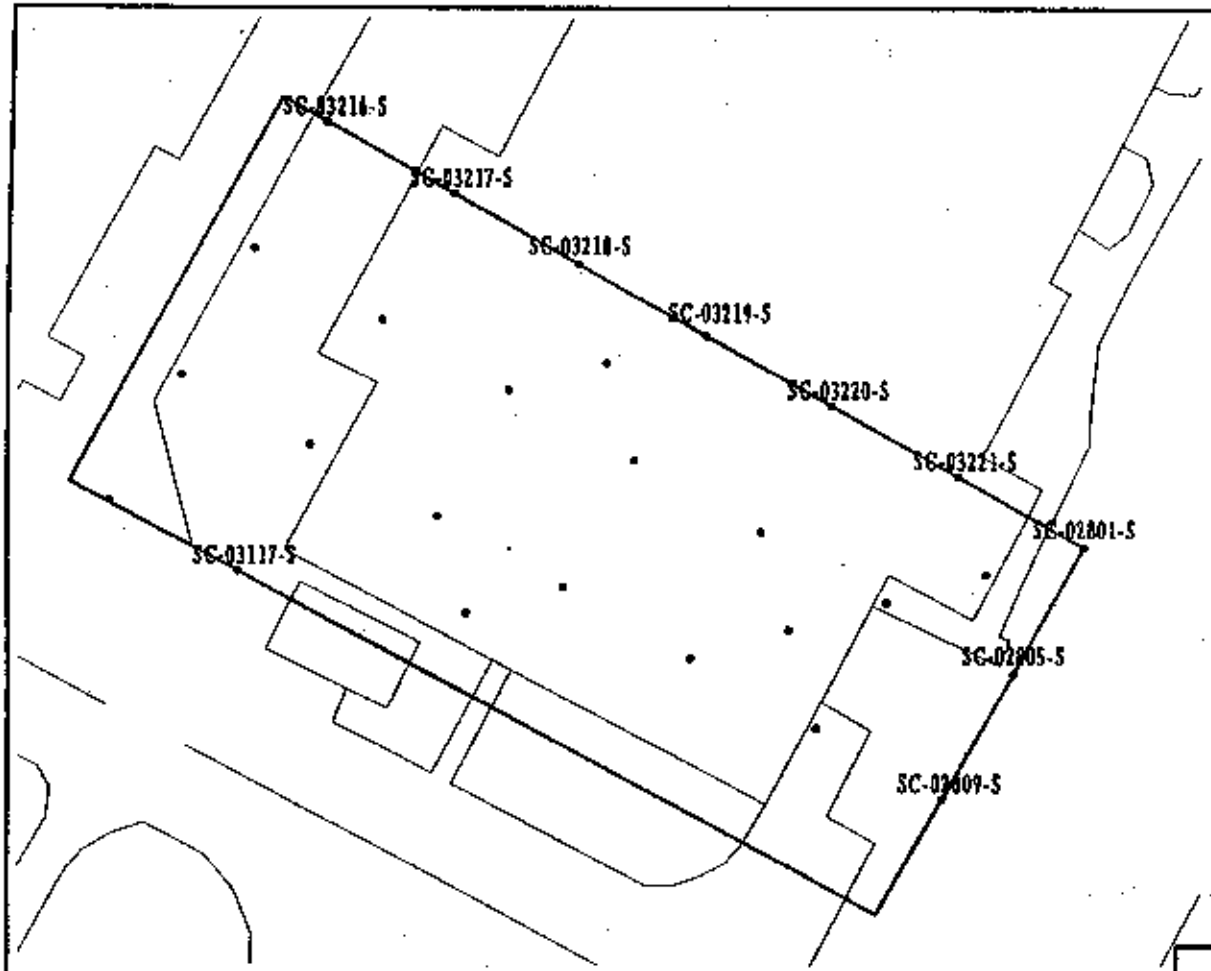
Calibration Due: 8-22-96 Calibration Due: 9-21-96

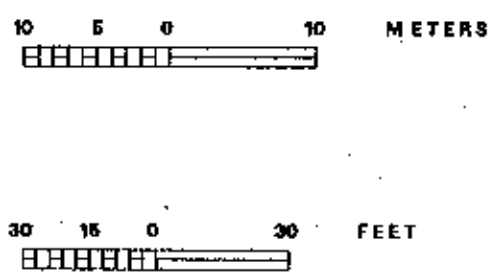
Survey Date/Time: 5-30-96 (0800-1630) Field Bkg.: 9000 cpm

Surveyor(s): Johanna Geyer, Raj, & Leon (Tony) Haynes

Comments: Areas less than 1.5X instrument Bkg. Several areas were muddy w/ ponded water. These were previously surveyed less than 1.5X Bkg.

Radiation Survey Form WP 420, RU006CU031





Meter Model#: 44-10 Detector Model#: 2x2 NaI

Meter Serial#: 127252 Detector Serial#: 122608

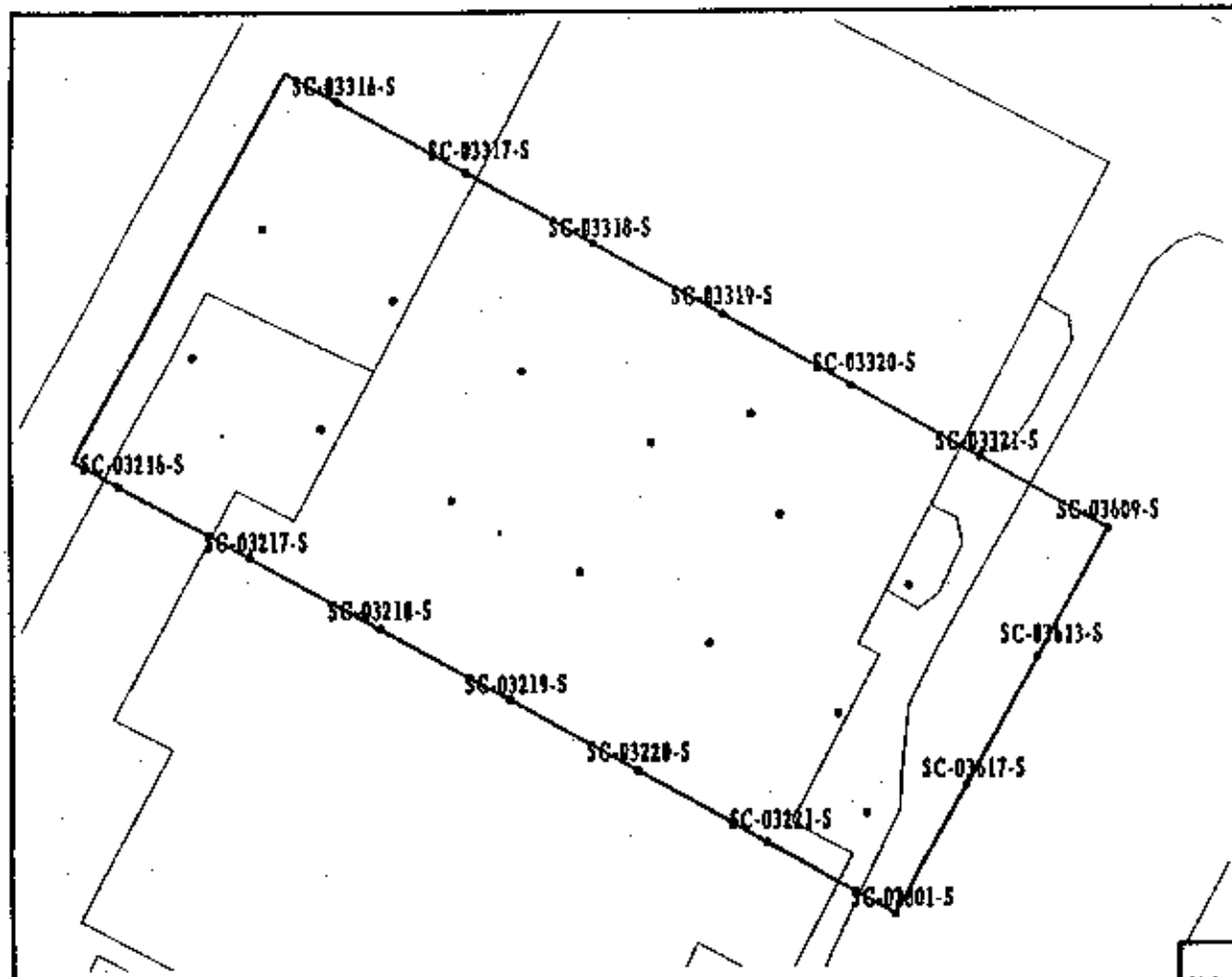
Calibration Due: 3-6-97 Calibration Due: 4-3-97

Survey Date/Time: 5-30-96 (0800-1630) Field Bkg.: 10000 cpm

Surveyor(s): Johann Geyer, Raj & Leoul Hagoss

Comments: TONY areas less than 1.5x instrument Bkg. several areas were muddy w/ ponded water These were previously surveyed @ 1.5x Bkg.

Radiation Survey Form WP 420, RU006CU032



10 5 0 10 METERS

30 15 0 30 FEET

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Meter Model#: 44-10 Detector Model#: 212 NaI

Meter Serial#: 106696 Detector Serial#: 130774

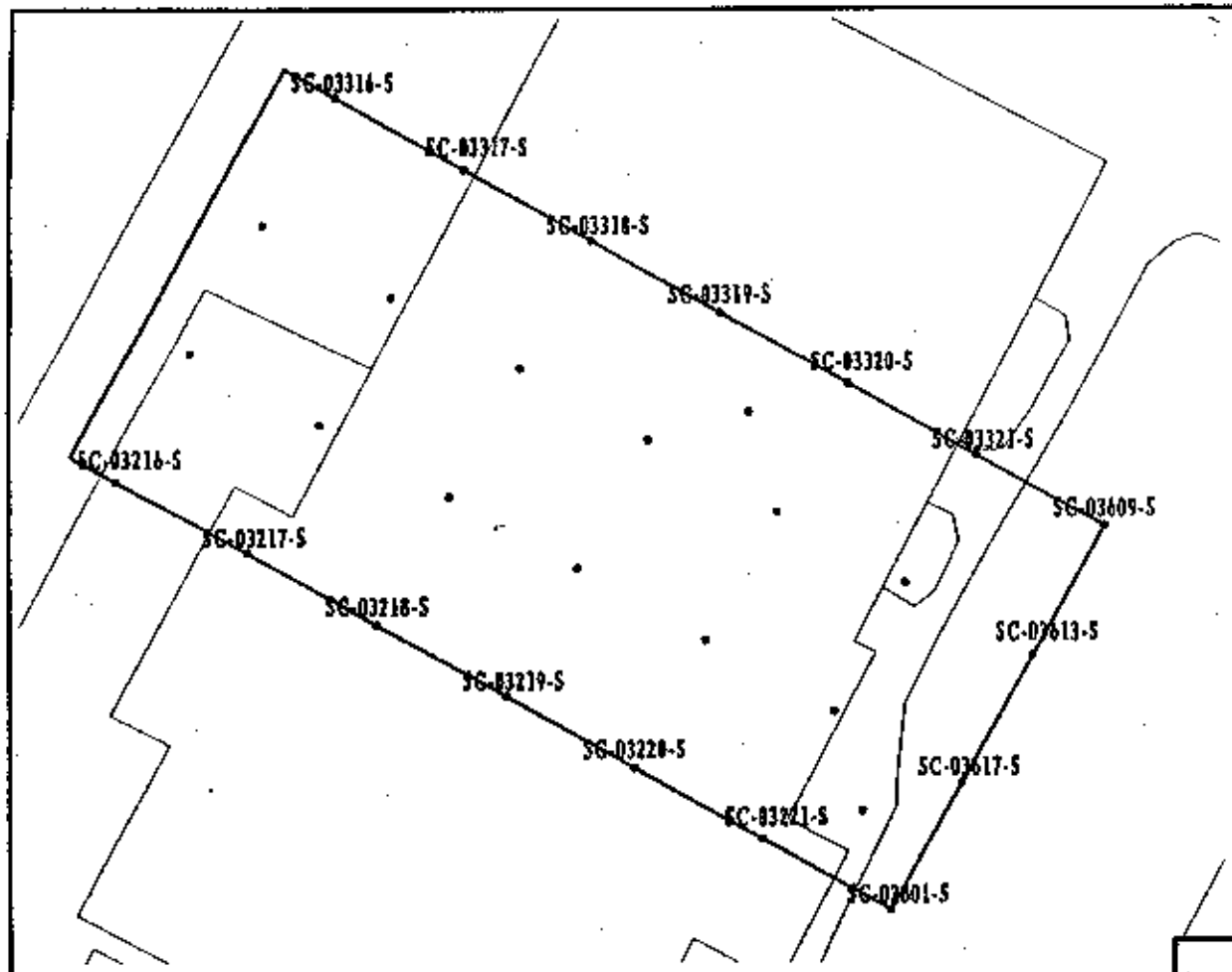
Calibration Due: 11-14-96 Calibration Due: 4-3-97

Survey Date/Time: 5-30-96 (0800-1630) Field Bkg.: 6500 cpm

Surveyor(s): Johann, Tony, Raj & Lead

Comments: Areas less than 1.5x instrument bkg. Several areas were muddy w/ ponded water. These were previously surveyed < 1.5x Bkg

Radiation Survey Form WP 420, RU006CU032



10 5 0 10 METERS

30 15 0 30 FEET

N W E S

Meter Model#: 44-10 Detector Model#: 2X2 NaI

Meter Serial#: 125435 Detector Serial#: 4240F

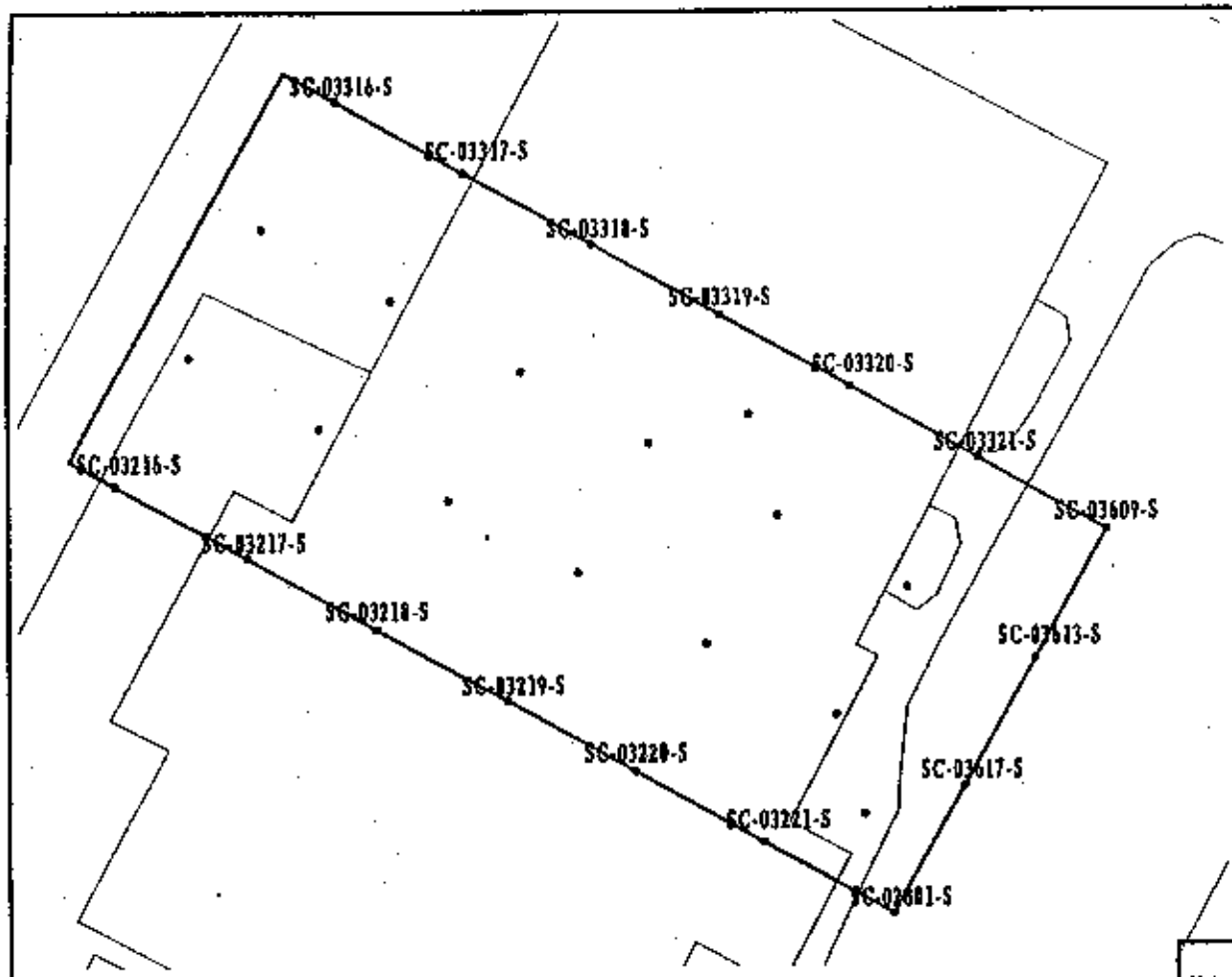
Calibration Due: 8-22-96 Calibration Due: 9-21-96

Survey Date/Time: 5-30-96 (0800-1630) Field Bkg.: 9000 CPM

Surveyor(s): Johann, Tony, Raj, & Leon!

Comments: areas less than 1.5x instrument Bkg. Several areas were muddy w/ ponded water. These were previously surveyed <1.5x Bkg

Radiation Survey Form WP 420, RU006CU032



10 5 0 10 METERS

30 15 0 30 FEET

N
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Meter Model#: 44-10 Detector Model#: 2x2 NaI

Meter Serial#: 127252 Detector Serial#: 122608 I

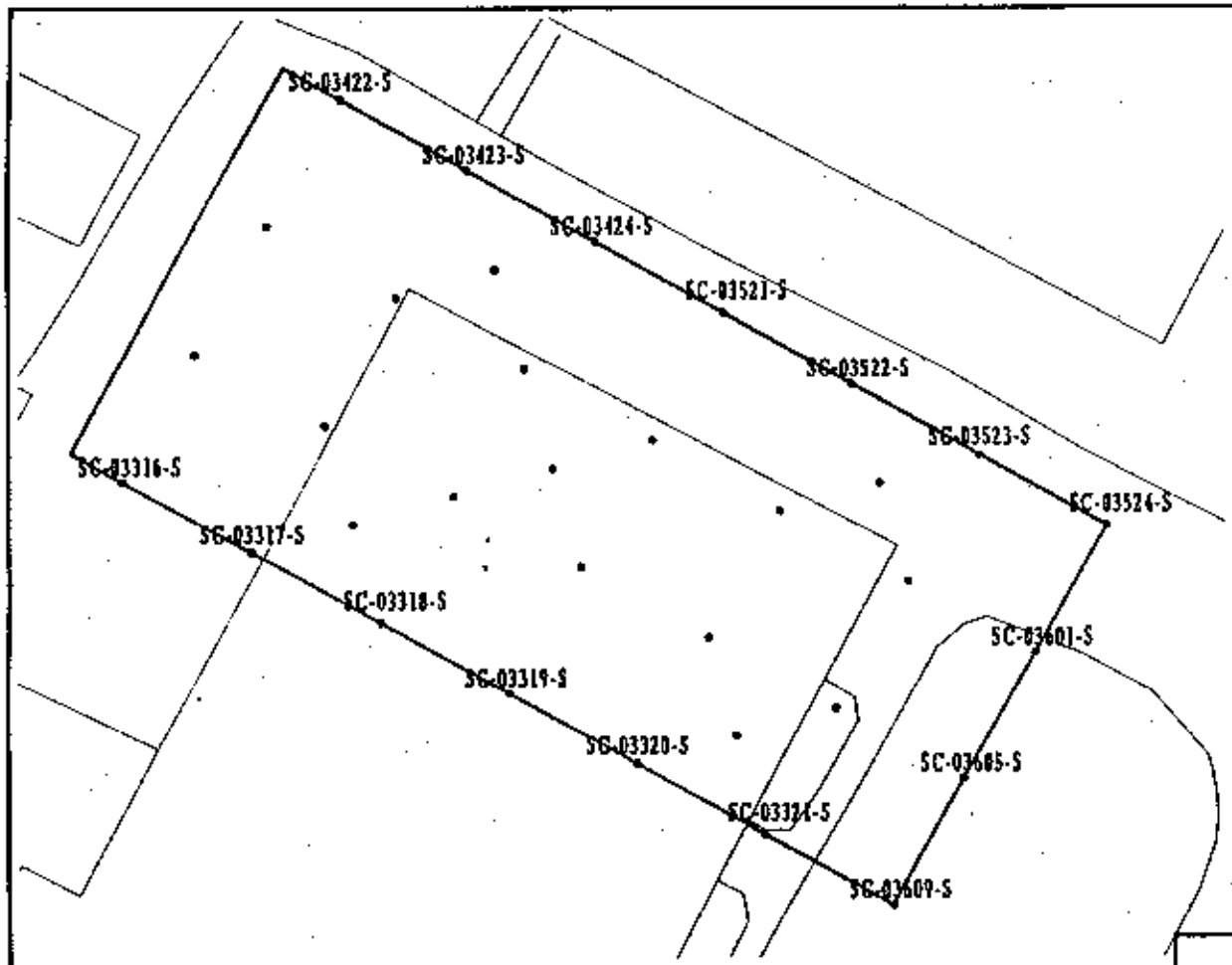
Calibration Due: 3-6-97 Calibration Due: 4-3-97

Survey Date/Time: 5-30-96 (0200-1630) Field Bkg.: 10000 cpm

Surveyor(s): Johann, Tony, Raj, & Leoul

Comments: areas less than 1.5x Bkg. Several areas were muddy w/ ponded water. These were previously surveyed at 1.5x Bkg.

Radiation Survey Form WP 420, RU006CU033



10 5 0 10 METERS

30 15 0 30 FEET

N

S

Meter Model#: 44-10 Detector Model#: NaI 2x2

Meter Serial#: 127252 Detector Serial#: 122608 I

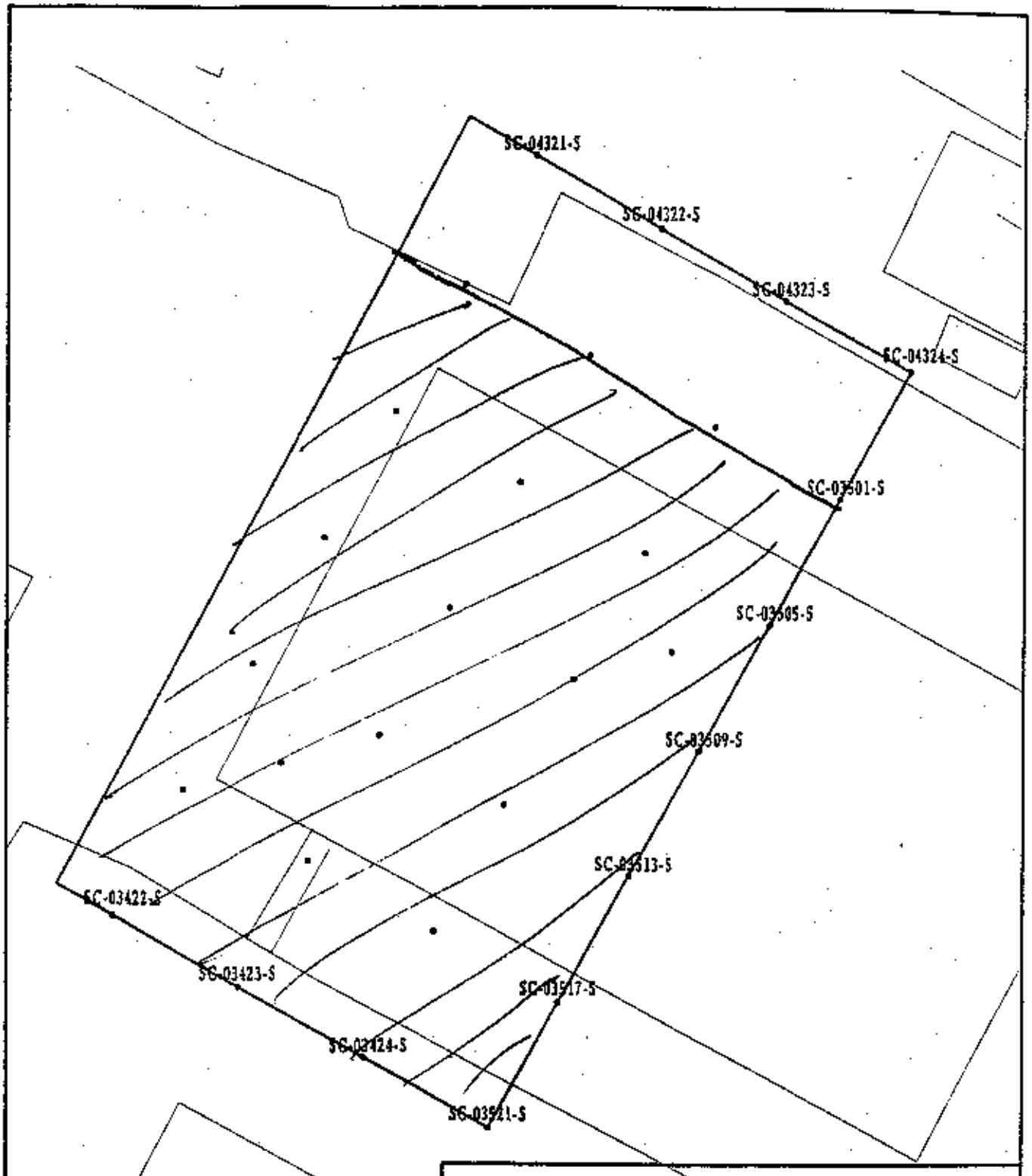
Calibration Due: 3-6-97 Calibration Due: 4-3-97

Survey Date/Time: 6-12-96 (0800-1600) Field Bkg.: 10,000 CPM

Surveyor(s): L. Hagoss

Comments: Area Surveyed was less than 1.5X back-ground.

Radiation Survey Form WP 420, RU006CU034



10 5 0 METERS

30 15 0 FEET

Meter Model#: 44-10 Detector Model#: 2x2 NaI

Meter Serial#: 127252 Detector Serial#: 122608 I

Calibration Due: 3-6-97 Calibration Due: 4-3-97

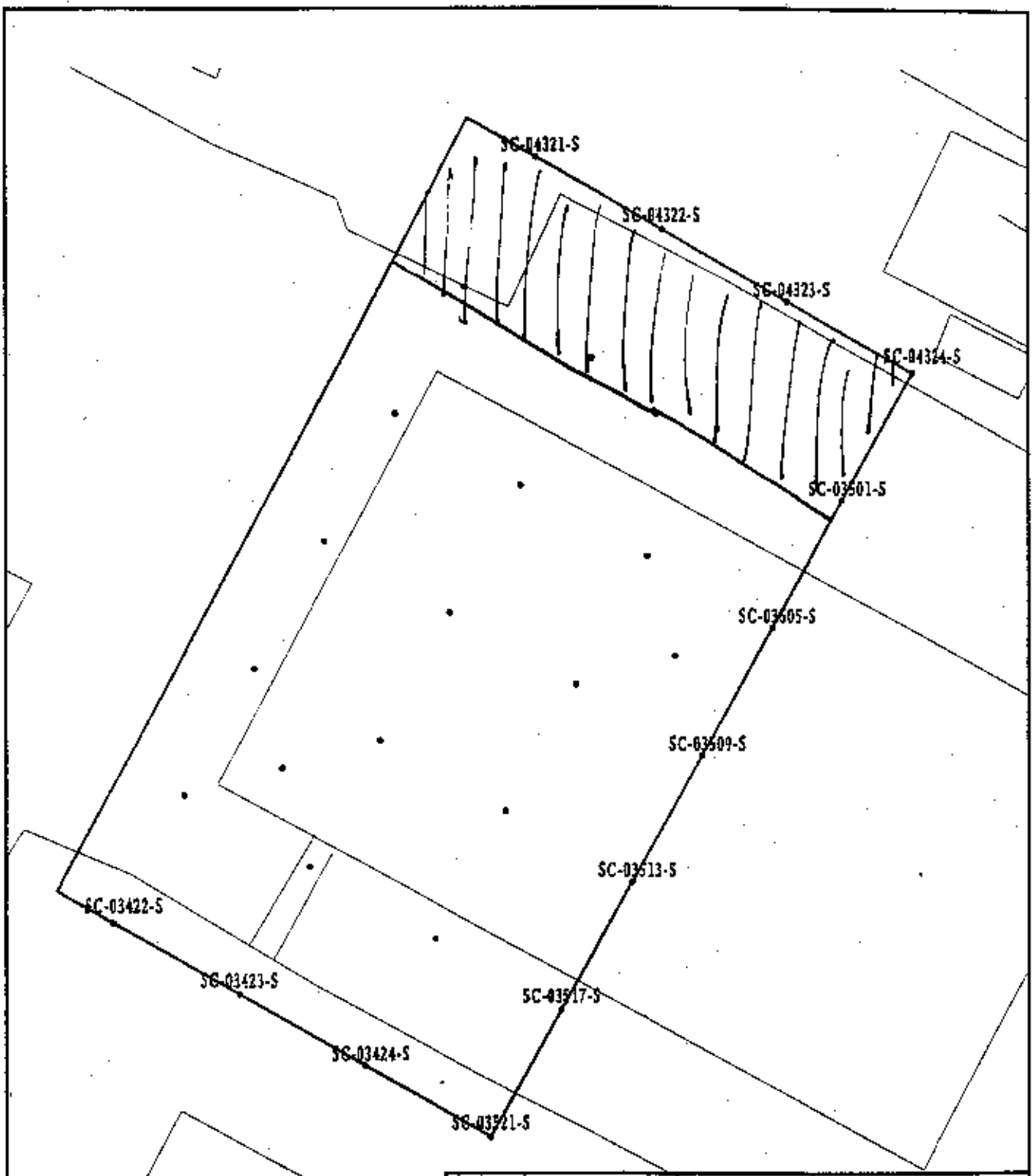
Survey Date/Time: 6-21-96 (0930-1040) Field Stg.: 10500 cpm

Surveyor(s): L. Hagess & Harry Hufker

Comments: Area surveyed above was less than 1.5 x Back-ground.

* Also we use 44-10 K meter for the Walk-Over.

Radiation Survey Form WP 420, RU006CU034



Meter Model#: 44-10 Detector Model#: 2x2 NaI

Meter Serial#: 125433 Detector Serial#: 1216403 K

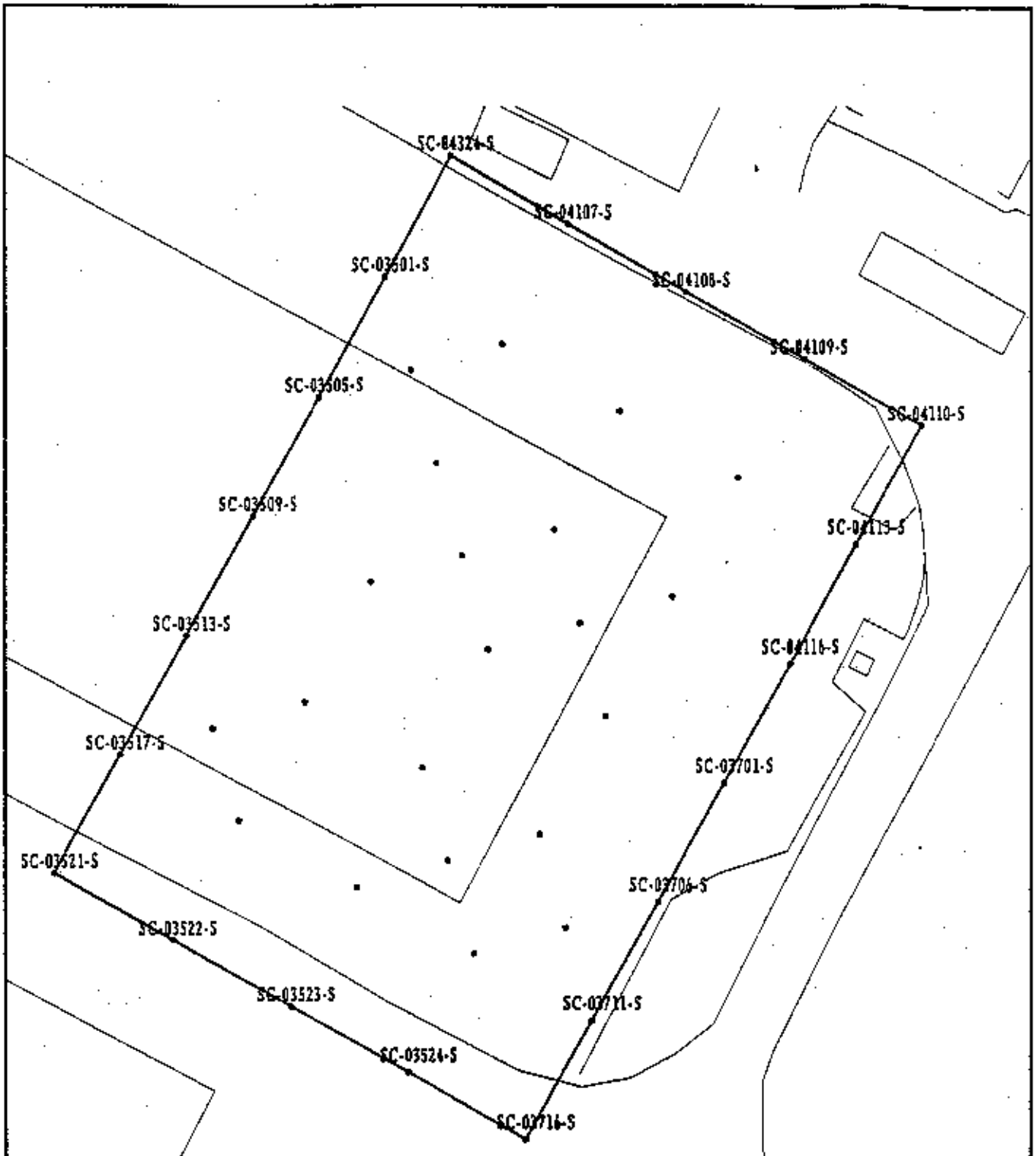
Calibration Due: 2-7-97 Calibration Due: 11-30-96

Survey Date/Time: 8-9-96 2100-2330 Field Bkg.: 10,500 cpm

Surveyor(s): T. Butzloff / A. Chishti

Comments: The above marked area was surveyed and was found to be less than 1.5 times background.

Radiation Survey Form WP 420, RU006CU035



Meter Model#: 44-10 Detector Model#: 2x2 NaI

Meter Serial#: 127252 Detector Serial#: 122608 I

Calibration Due: 3-6-97 Calibration Due: 4-3-97

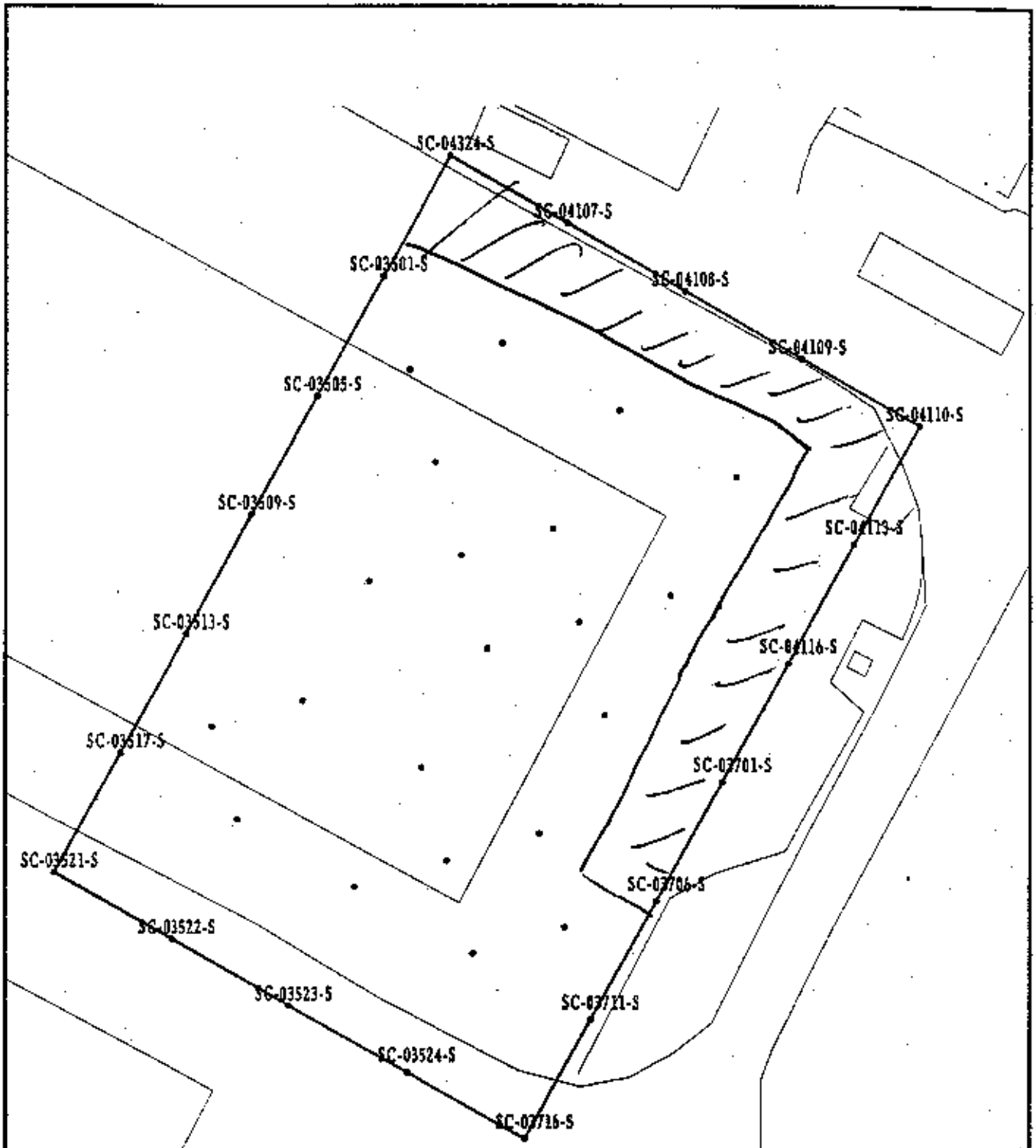
Survey Date/Time: 6-24-96 (0800-1000) Field Bkg.: 10500 cpm

Surveyor(s): L. Hagoss & HARRY HUFKER

Comments: Area Surveyed above was less than 1.5X background.

* Also we use 44-10 K meter for Hec walk-over.

Radiation Survey Form WP 420, RU006CU035



Meter Model#: 44-10 Detector Model#: 2x2 NaI

Meter Serial#: 4331 Detector Serial#: 4330K

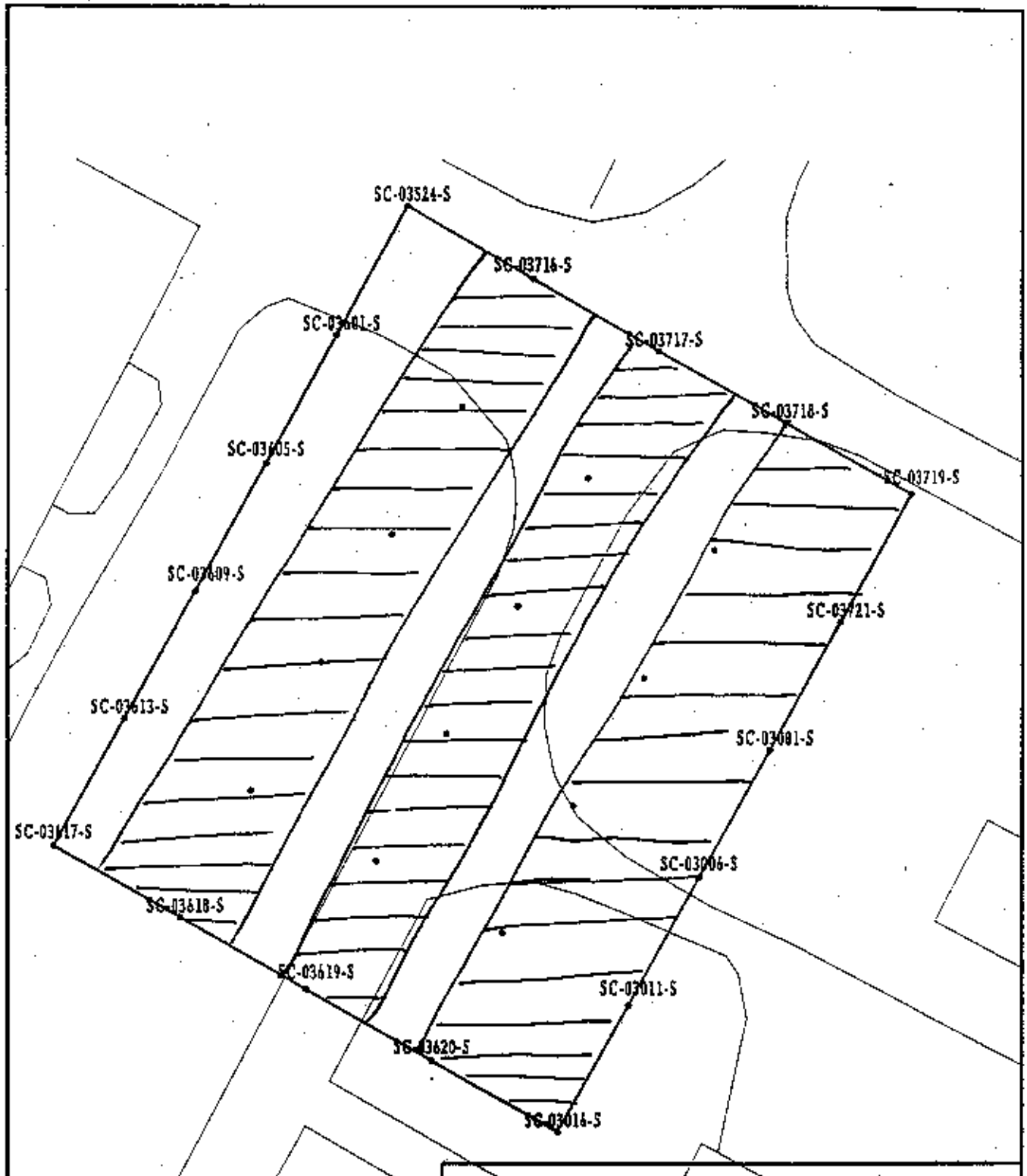
Calibration Due: 2-7-97 Calibration Due: 11-30-96

Survey Date/Time: 8-9-96 1600 Field Bkg.: 11,500

Surveyor(s): TONY LUKEZIC BRENT McCLANE

Comments: TOTAL AREA SURVEYED ABOVE WAS LESS THAN 1.5 TIMES BACKGROUND. METER I WAS USED ALSO.

Radiation Survey Form WP 420, RU006CU036



Meter Model#: 44-10 Detector Model#: 2x2 NaI

Meter Serial#: 127252 Detector Serial#: 12260

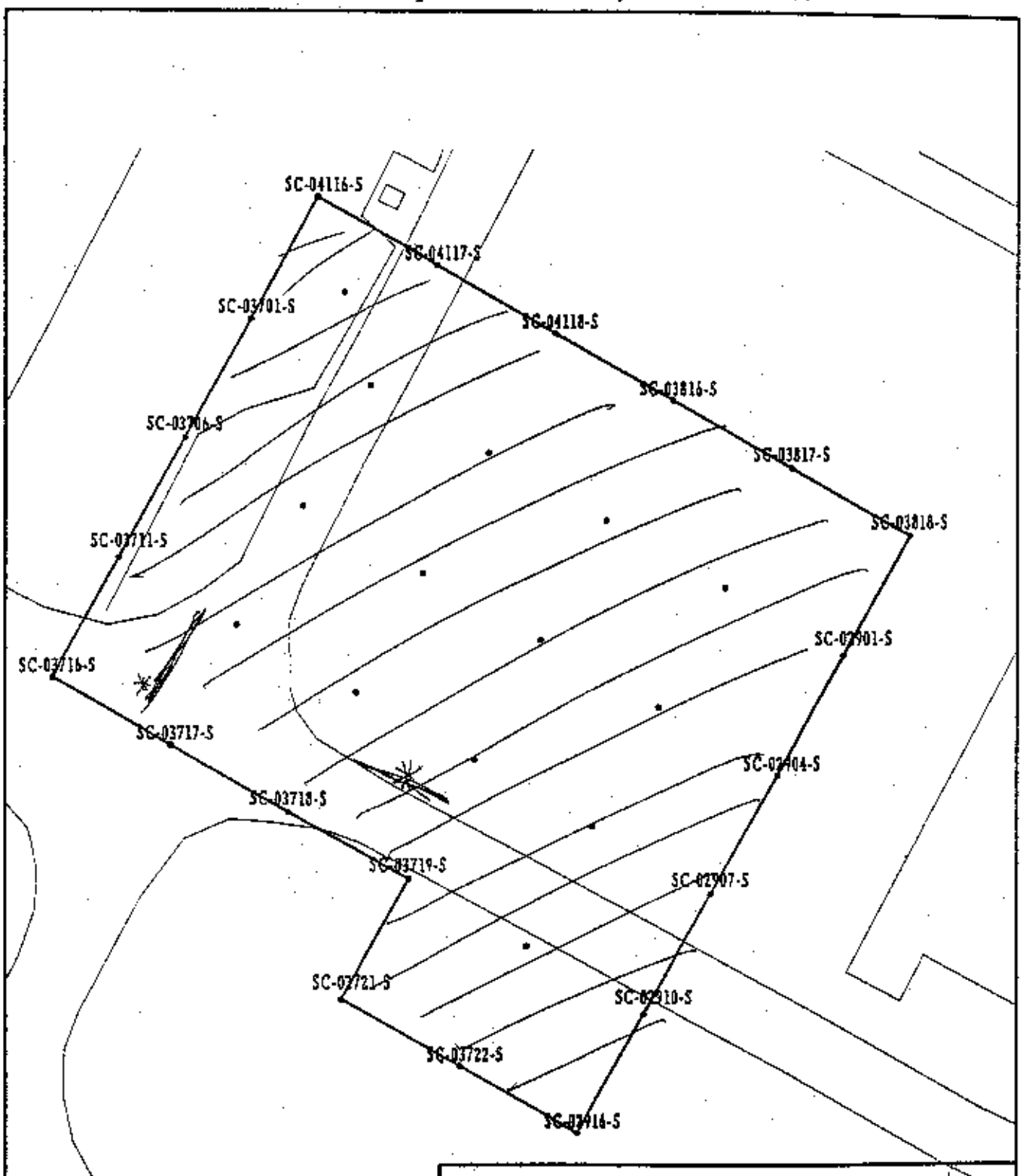
Calibration Due: 3-6-97 Calibration Due: 4-3-97

Survey Date/Time: 8-5-96 1430-1550 Field Bkg.: 10,500 cpm

Surveyor(s): T. Butler

Comments: The above area was surveyed (with the exception of the wrecked areas due to the slope of the areas) and was found to be less than 1.5 times background.

Radiation Survey Form WP 420, RU006CU037



Meter Model#: 44-10 Detector Model#: 2X2 NaI

Meter Serial#: 4331 Detector Serial#: 4330 K

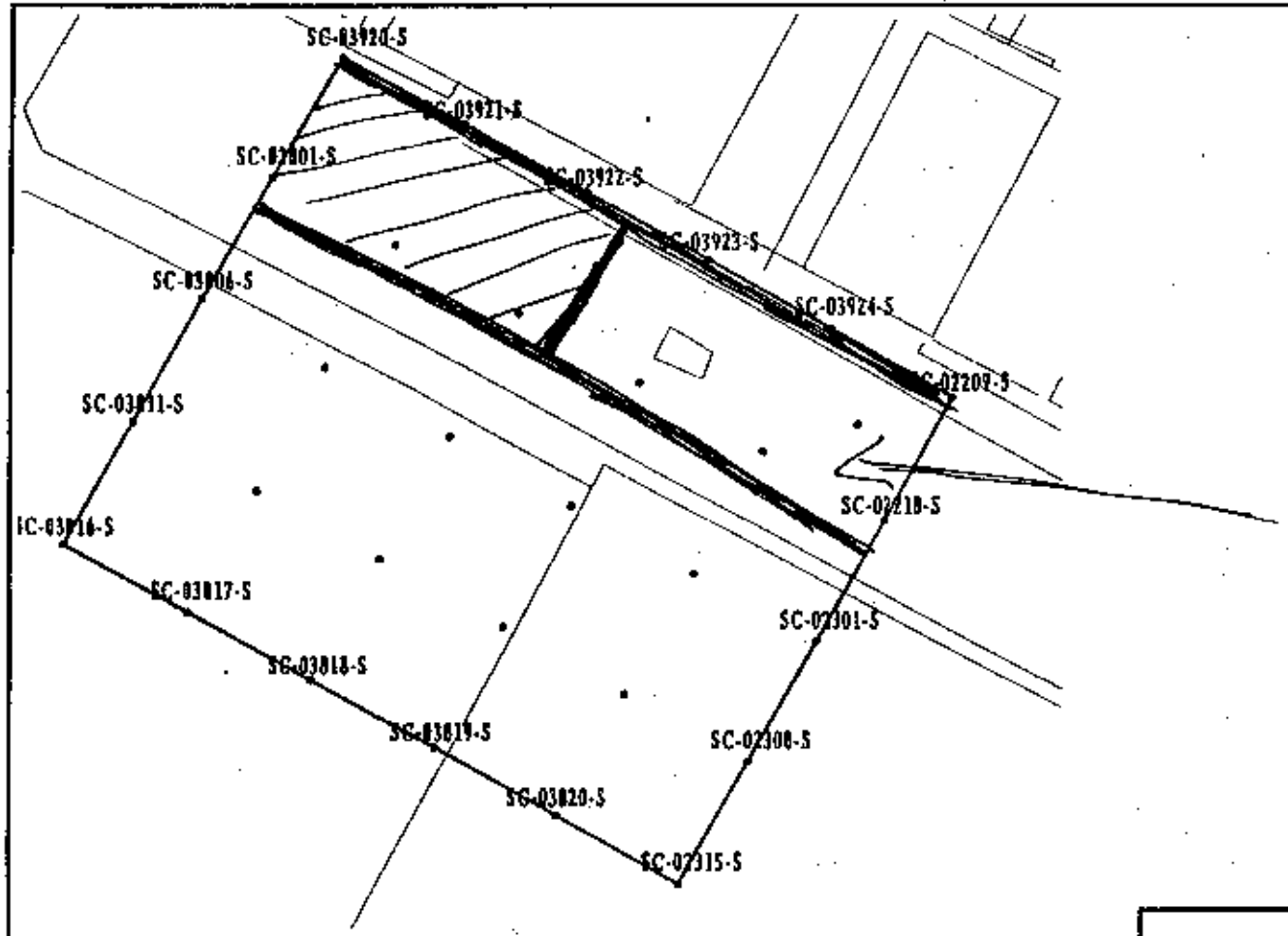
Calibration Due: 2-7-97 Calibration Due: 11-30-96

Survey Date/Time: 8-7-96 0600 1000 Field Sks.: 11,500

Surveyor(s): TONY LUKE 2'c

Comments: AREA SURVEYED ABOVE WAS LESS THAN 1.5 X BACKGROUND. ON 4 TWO AREAS * WERE NOT WALKED BECAUSE OF SLOPE 10 X 12 AND 10 X 10 BUT EVERYTHING THAT I REACH WAS LESS THAN BACKGROUND

Radiation Survey Form WP 420, RU006CU038



Large trench on N Side of CU 38.
I Surveyed all areas in the trench West of the large Crater. All areas Surveyed < 1.5 times background.

8-8-96

10 5 0 10 METERS

30 15 0 30 FEET

N

S

Meter Model#: _____ Detector Model#: _____

Meter Serial#: _____ Detector Serial#: _____

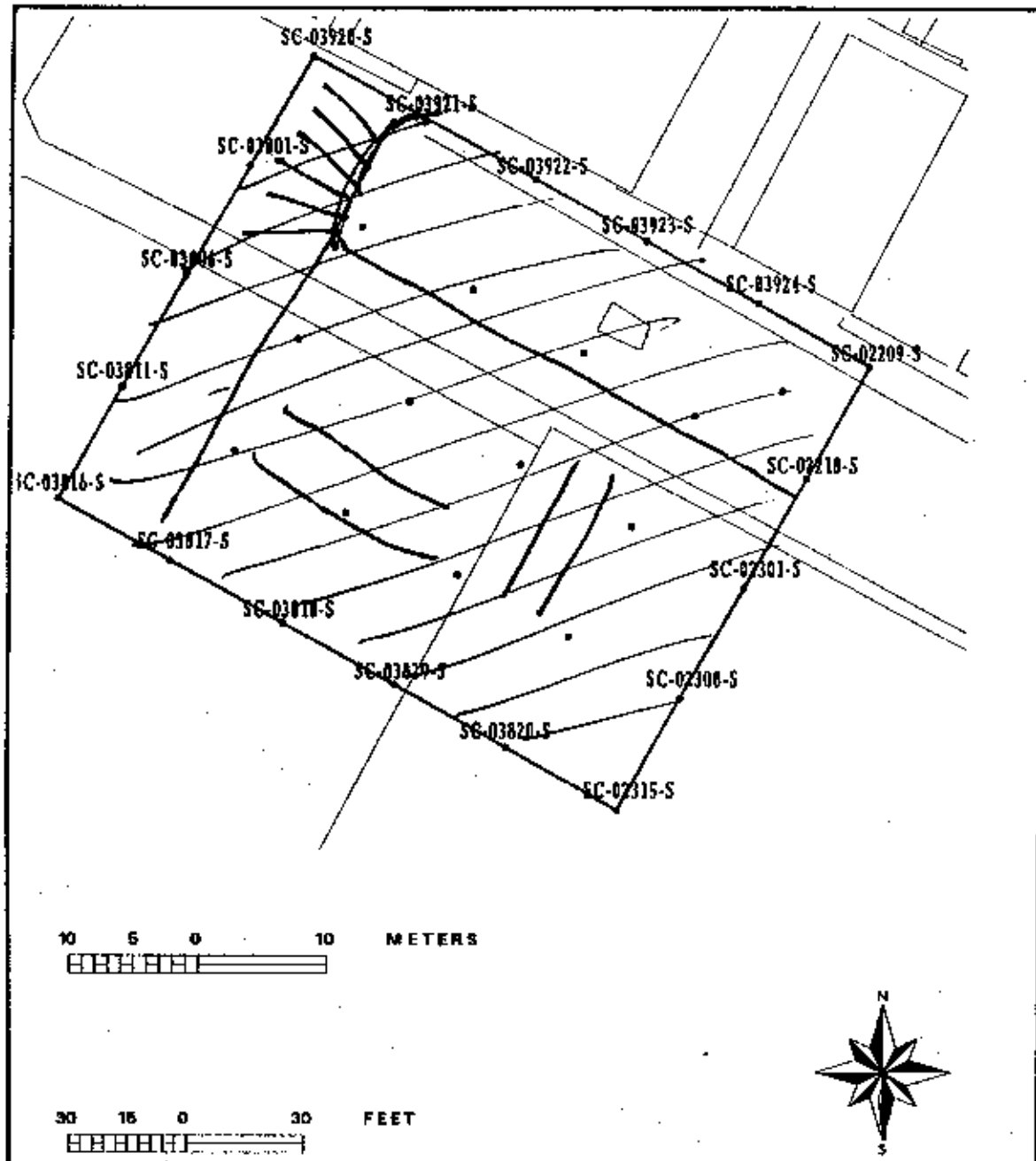
Calibration Due: _____ Calibration Due: _____

Survey Date/Time: _____ Field Bkg.: _____

Surveyor(s): _____

Comments: _____

Radiation Survey Form WP 420, RU006CU038



Meter Model#: 44-10 Detector Model#: 2x2 NaI

Meter Serial#: 4331 Detector Serial#: 4330 K

Calibration Due: 2-7-97 Calibration Due: 11-30-96

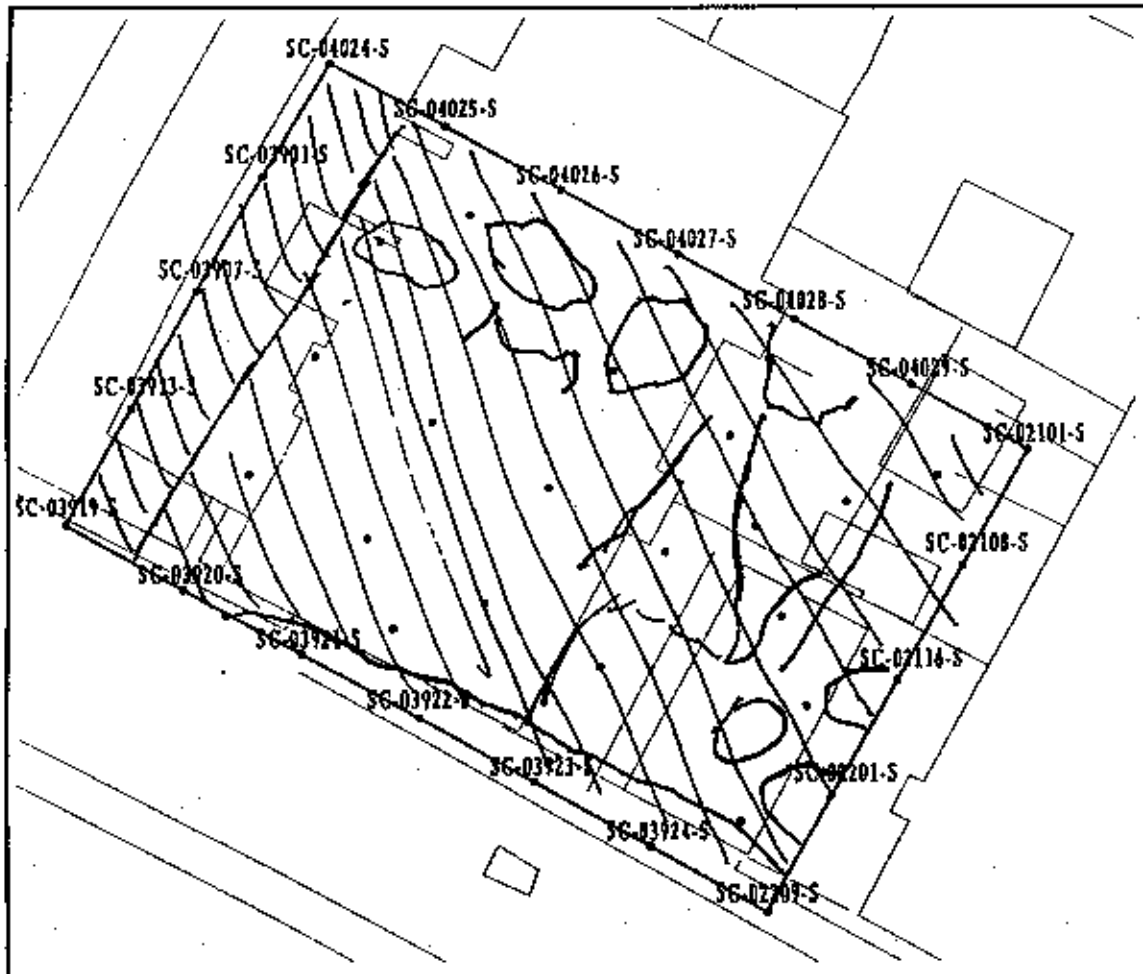
Survey Date/Time: 8-8-96 (0630) Field Bkg.: 11,500

Surveyor(s): Tony Lukazic, Brent McClane, Todd Butzke

Comments: TOTAL AREA SURVEYED ABOVE WAS LESS THAN 1.5 BACKGROUND.

METER I WAS USED ALSO!

Radiation Survey Form WP 420, RU006CU039



Meter Model#: 44-10 I Detector Model#: 2x2 NaI

Meter Serial#: 4536 Detector Serial#: 4327

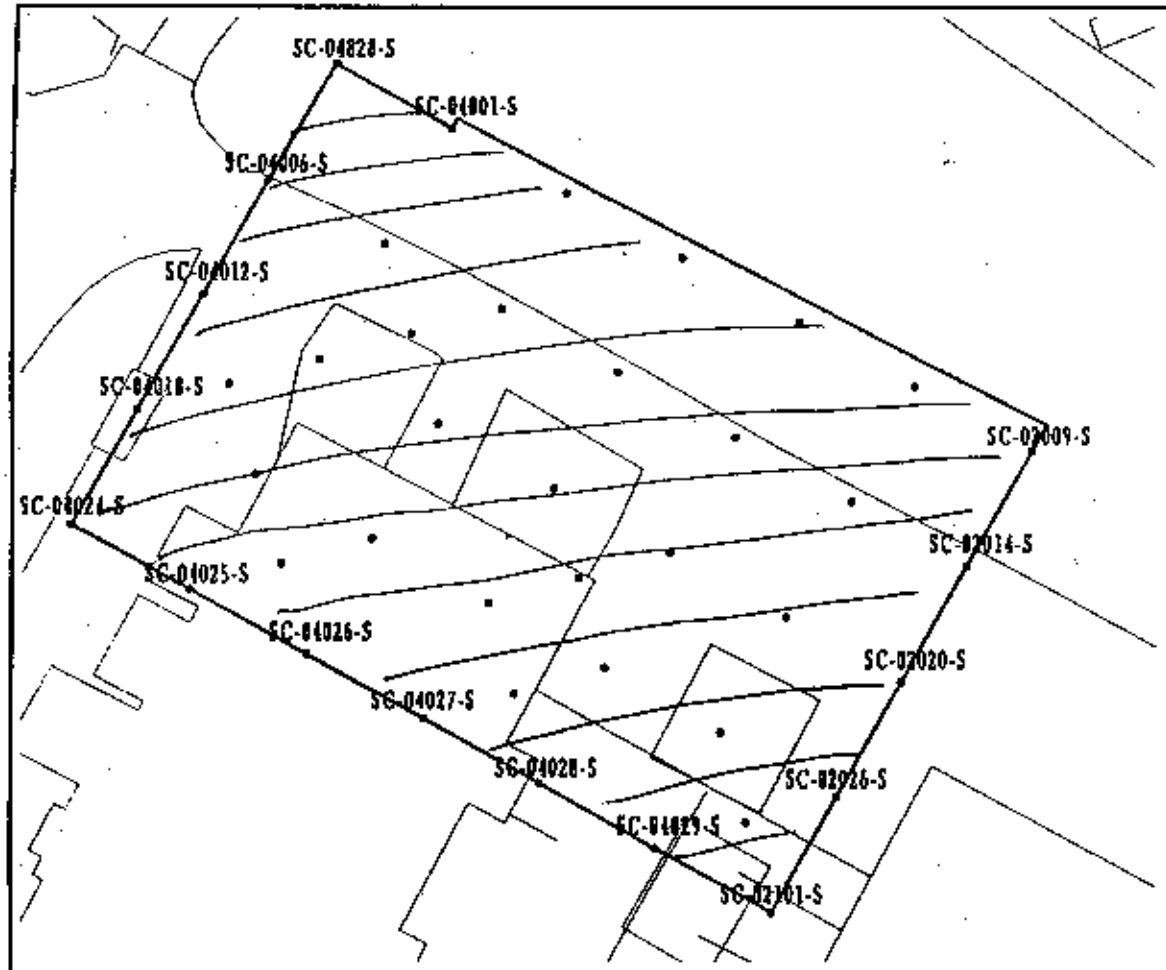
Calibration Due: 3-6-97 Calibration Due: 4-3-97

Survey Date/Time: 8-6-96 Field Bkg.: 10,500 CPM

Surveyor(s): BRENT MCCLARE, TONY LUKEZIC

Comments: DID FINAL SURVEY ON ALL OF CU-039 INCLUDING AREAS THAT PREVIOUSLY HAD WATER AFTER REMOVING HOT SPOTS AND RESURVEYING AREA, THE AREA WAS LESS THAN 1.5X BACKGROUND.

Radiation Survey Form WP 420, RU006CU040



Meter Model#: 44-10 Detector Model#: 2x2 NaI

Meter Serial#: 127252 Detector Serial#: 122600

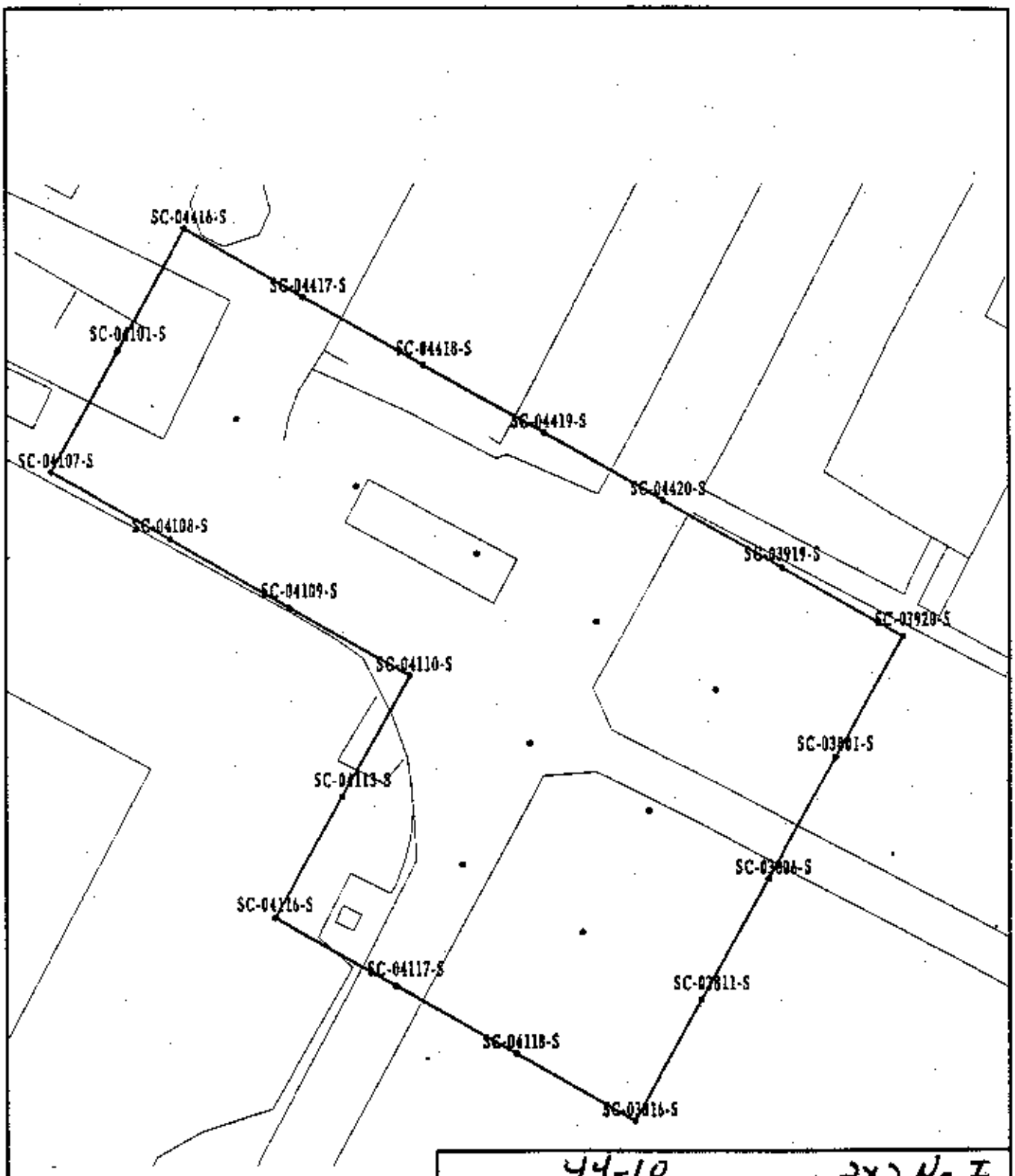
Calibration Due: 3-6-97 Calibration Due: 4-3-97

Survey Date/Time: 8-1-96 1460-1930 Field Bkg.: 12,000 cpm

Surveyor(s): T. Butzkff

Comments: The above area was surveyed and was found to be less than 1.5 times background.

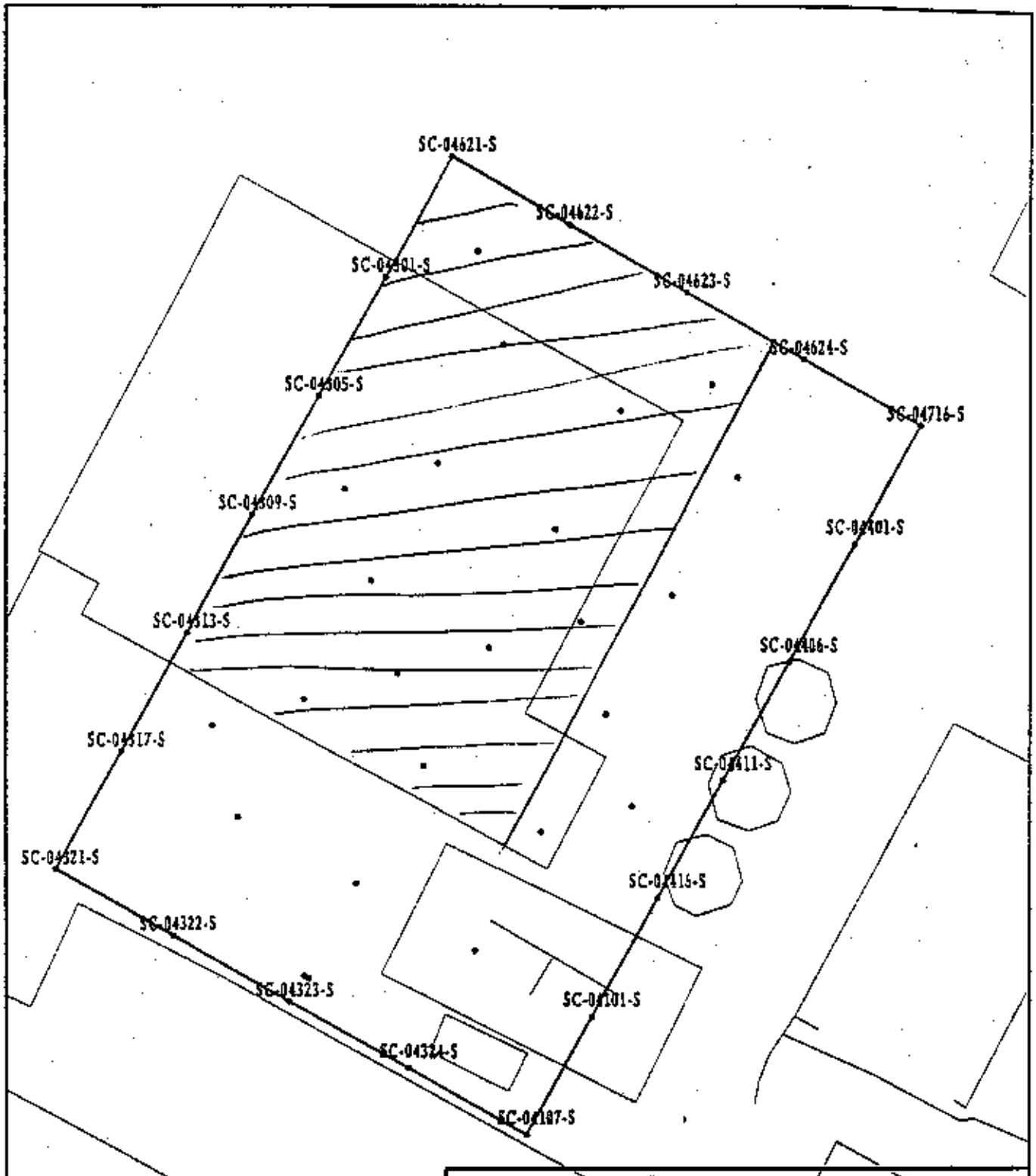
Radiation Survey Form WP 420, RU006CU041



Meter Model#:	44-10	Detector Model#:	2x2 Na I
Meter Serial#:	4531	Detector Serial#:	4330K
Calibration Due:	2-7-97	Calibration Due:	11-30-96
Survey Date/Time:	8-9-96 1600	Field Bkg.:	11,500
Surveyor(s):	TOM KELLIC / BRENT MCCLURE		

Comments: TOTAL AREA SURVEYED, WAS LESS THAN 1.5 TIMES BKGRD. METER T WAS USED ALSO!

Radiation Survey Form WP 420, RU006CU043



Meter Model#: 44-10 * Detector Model#: 2x2 NaI

Meter Serial#: 125433 Detector Serial#: 126403 K

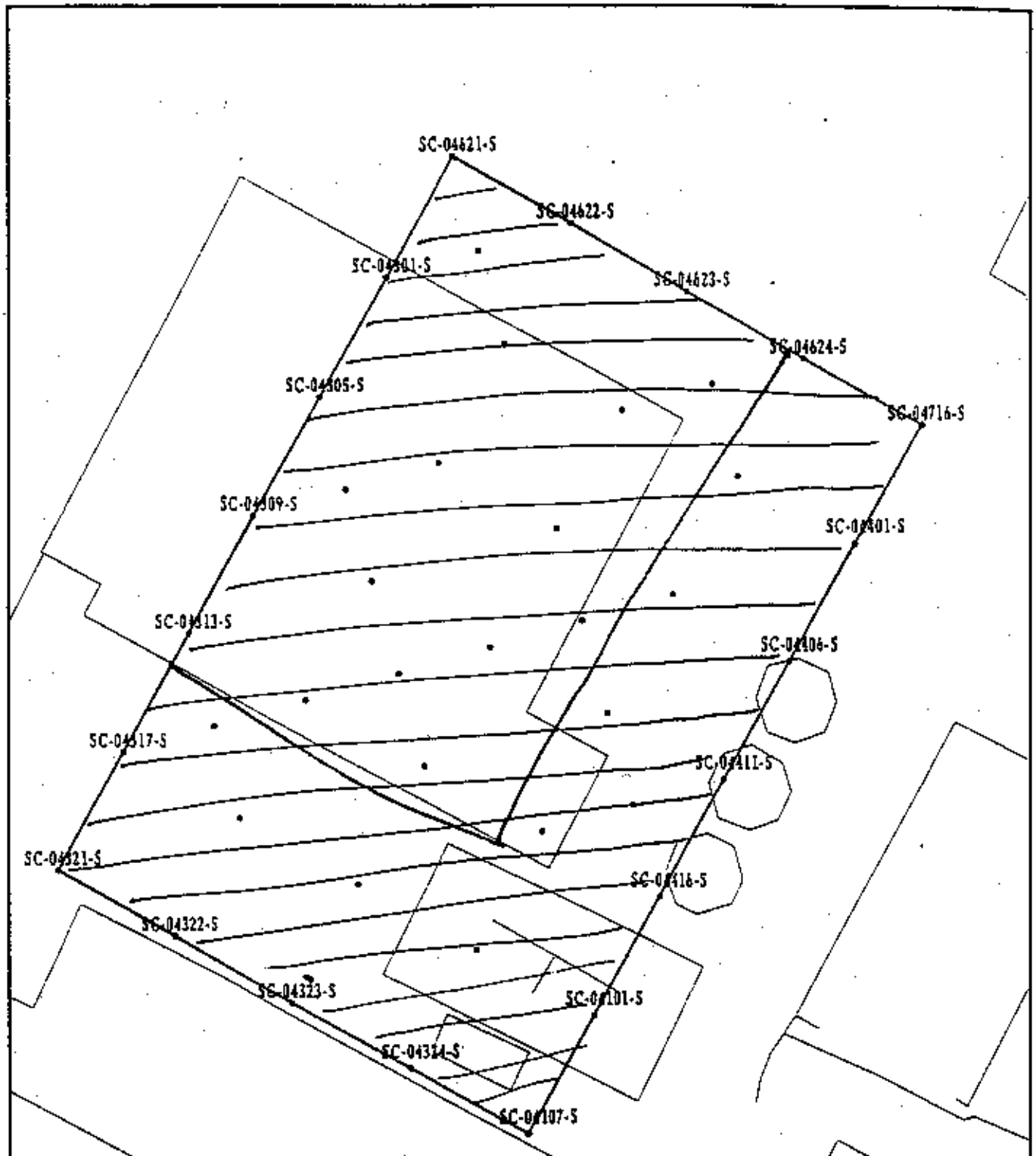
Calibration Due: 2-7-97 Calibration Due: 11-30-96

Survey Date/Time: 6-28-96 (0830-1630) Field Bkg.: 10,000 cpm

Surveyor(s): T. Butzloff / T. Lukezic

Comments: The above area was surveyed and found to be less than 1.5 times background. * T. Lukezic also surveyed the above area using meter * 127252 (cal.due = 3-6-97) and detector * 120405 I (cal.due = 4-3-97)

Radiation Survey Form WP 420, RU006CU043



N

E

S

10 5 0 METERS

30 15 0 FEET

Meter Model#: 44-10 Detector Model#: 2x2 NaI

Meter Serial#: 127252 Detector Serial#: 122605

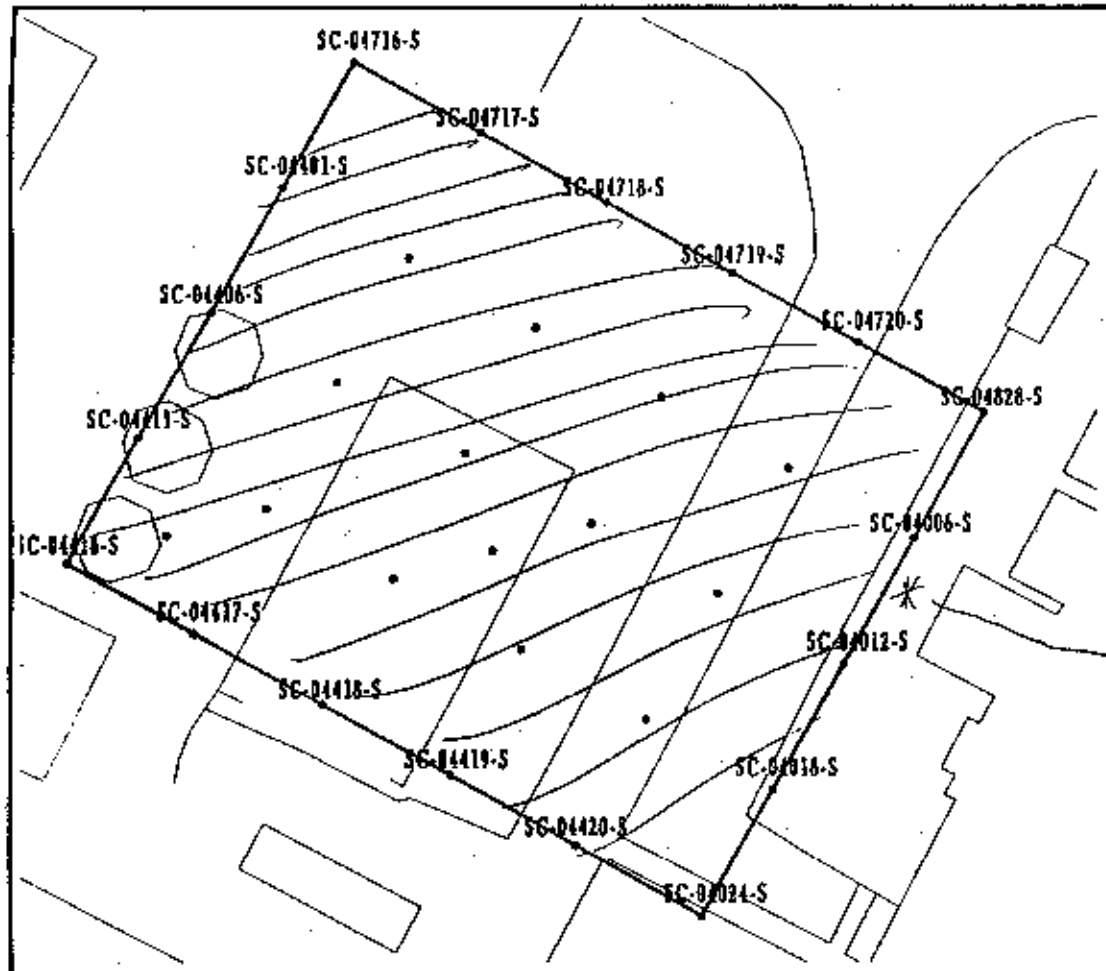
Calibration Due: 3-6-97 Calibration Due: 4-3-97

Survey Date/Time: 8-9-96 2100-2330 Field Bkg.: 10,500 cpm

Surveyor(s): T. Butzlaff / A. Chishti

Comments: The above area was surveyed and was found to be less than 1.5 times background.

Radiation Survey Form WP 420, RU006CU044



10 5 0 10 METERS

30 15 0 30 FEET

N W E S

Meter Model#: 44-10 Detector Model#: NaI 2x2

Meter Serial#: 127252 Detector Serial#: 122608 I

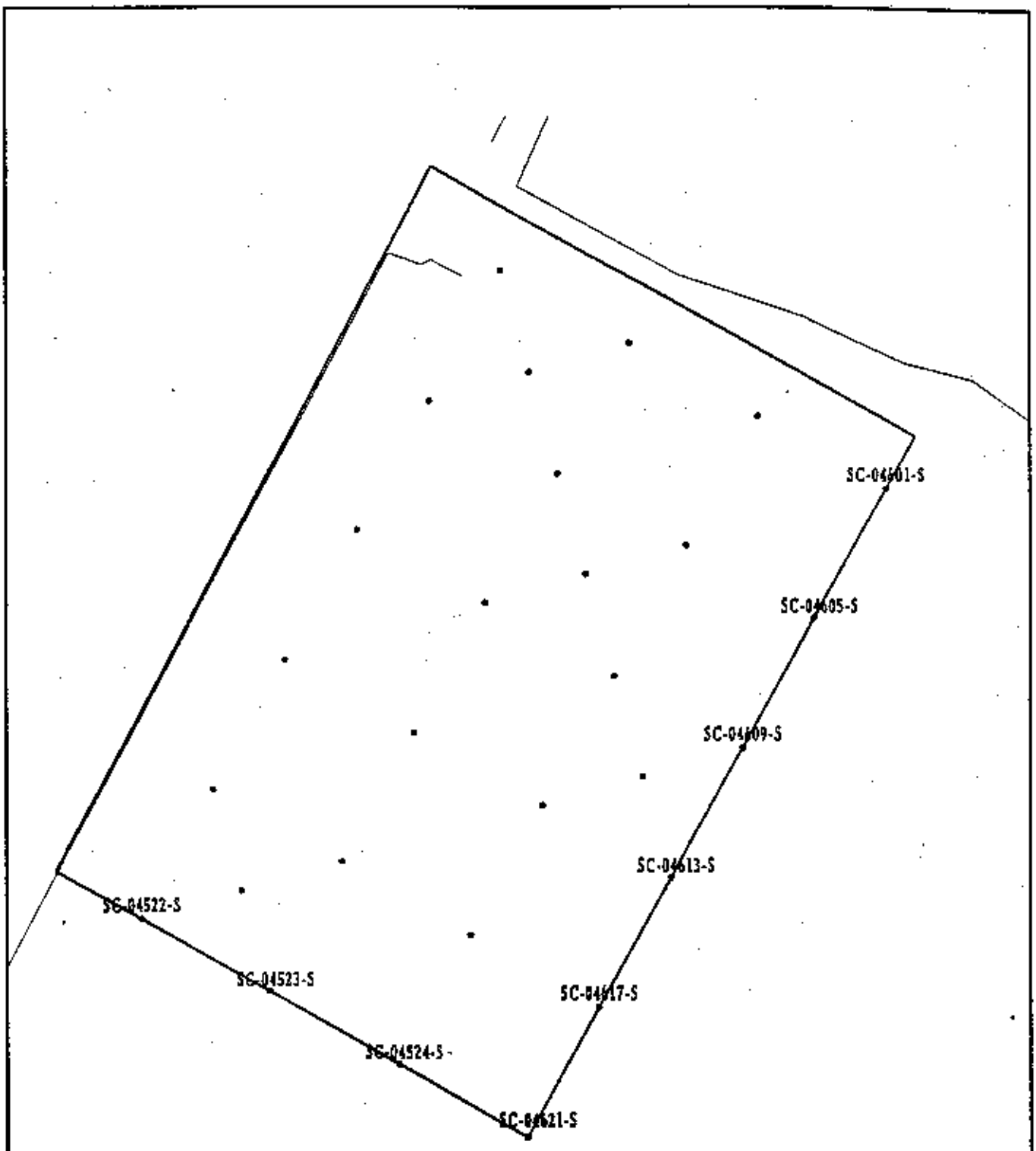
Calibration Due: 3-6-97 Calibration Due: 4-3-97

Survey Date/Time: 7-18-96 (0800-1200) Field Bkg.: 11,500

Surveyor(s): L. Hagoss

Comments: 100% survey performed on the above area and it was less than 1.5K Back-ground.

Radiation Survey Form WP 420, RU006CU045



Meter Model#: 44-10 Detector Model#: 2X2 NaI

Meter Serial#: 127252 Detector Serial#: 122608 I

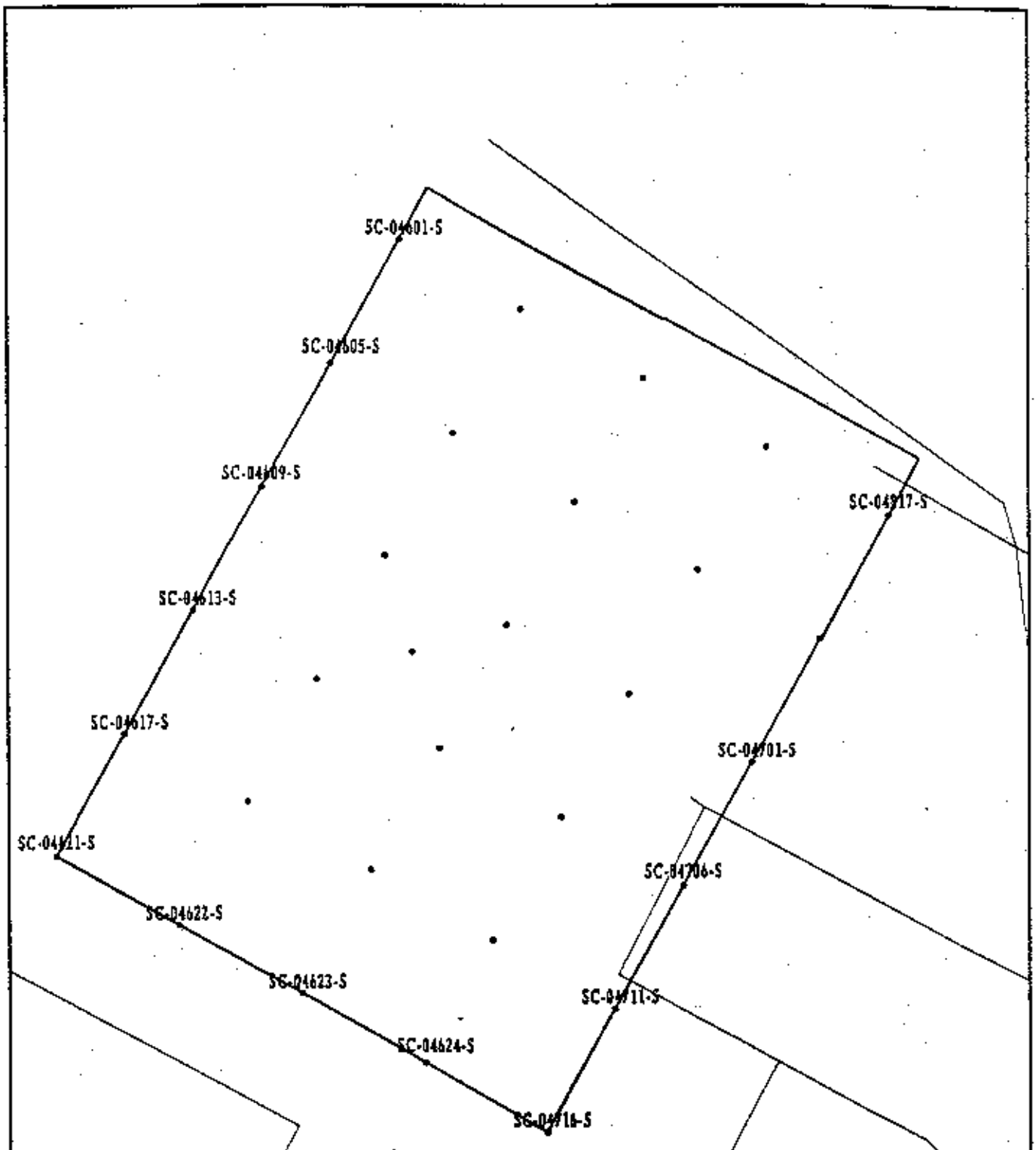
Calibration Due: 3-6-97 Calibration Due: 4-3-97

Survey Date/Time: 6-24-96 (0800-1100) Field Bkg.: 10000 cpm

Surveyor(s): L. Hagoss & Todd Butzlaf

Comments: The above area surveyed and it was less than 1.5 X background. Also, another 44-10 K instrument was used for walk-over survey.

Radiation Survey Form WP 420, RU006CU046



10 5 0 METERS

30 15 0 FEET

Meter Model#: 44-10 Detector Model#: 2x2 NaI

Meter Serial#: 127252 Detector Serial#: 122608

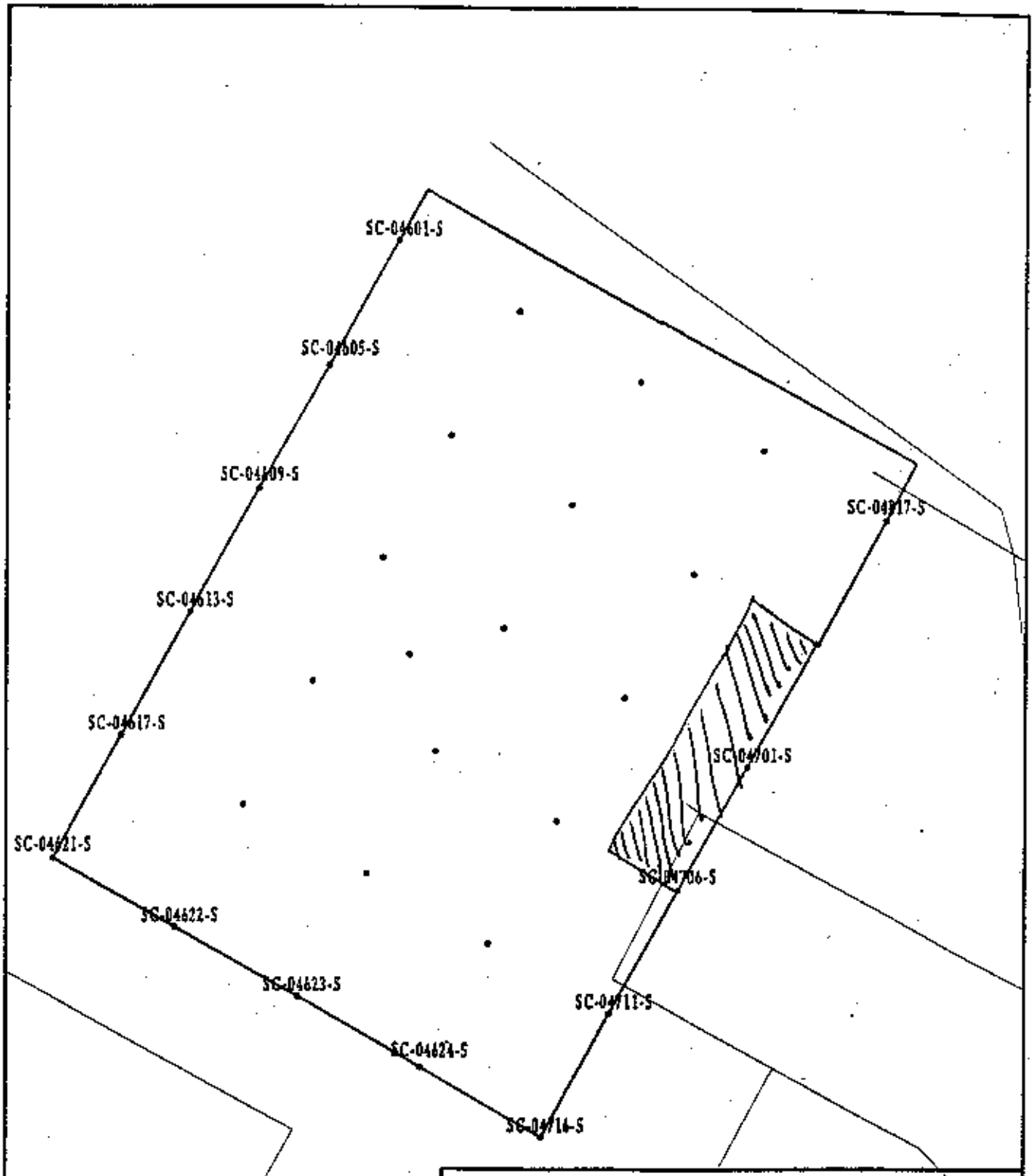
Calibration Due: 3-6-97 Calibration Due: 4-3-97

Survey Date/Time: 6-27-96 (0900-1000) Field Bkg.: 10,000 cpm

Surveyor(s): L. Hayes

Comments: The high lighted area re surveyed and it was less than 1.5x background.
6-27-96

Radiation Survey Form WP 420, RU006CU046



10 5 0 METERS

30 15 0 FEET

Meter Model#: 44-10 Detector Model#: 2x2 NaI

Meter Serial#: 127252 Detector Serial#: 122608I

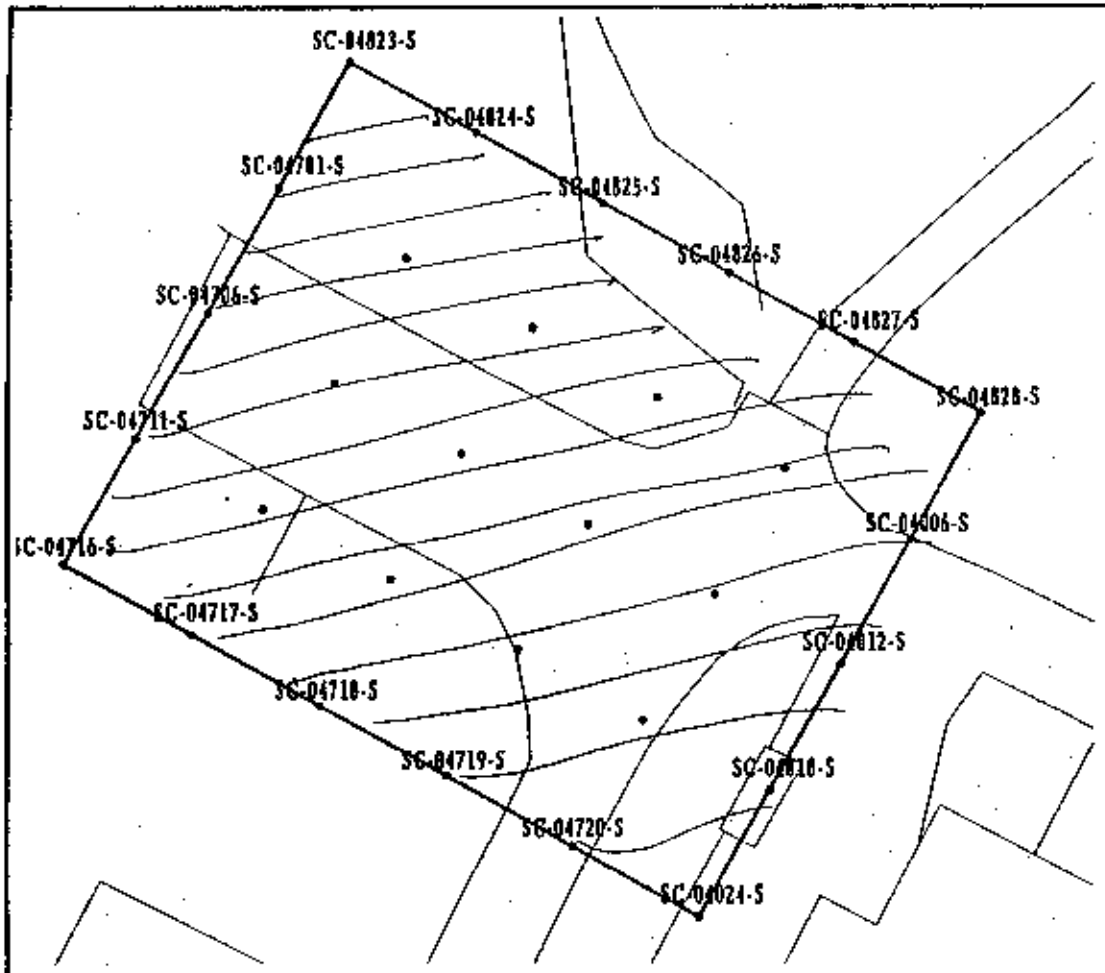
Calibration Due: 3-6-97 Calibration Due: 4-3-97

Survey Date/Time: 6-26-96 (1300-1500) Field Bkg.: 10,000 cpm

Surveyor(s): L. Hagoss & Todd Butzloff

Comments: The above area was surveyed and it was less than 1.5X back-ground. The high-lighted area represent Concrete and we will survey it after Removal. 6-26-96

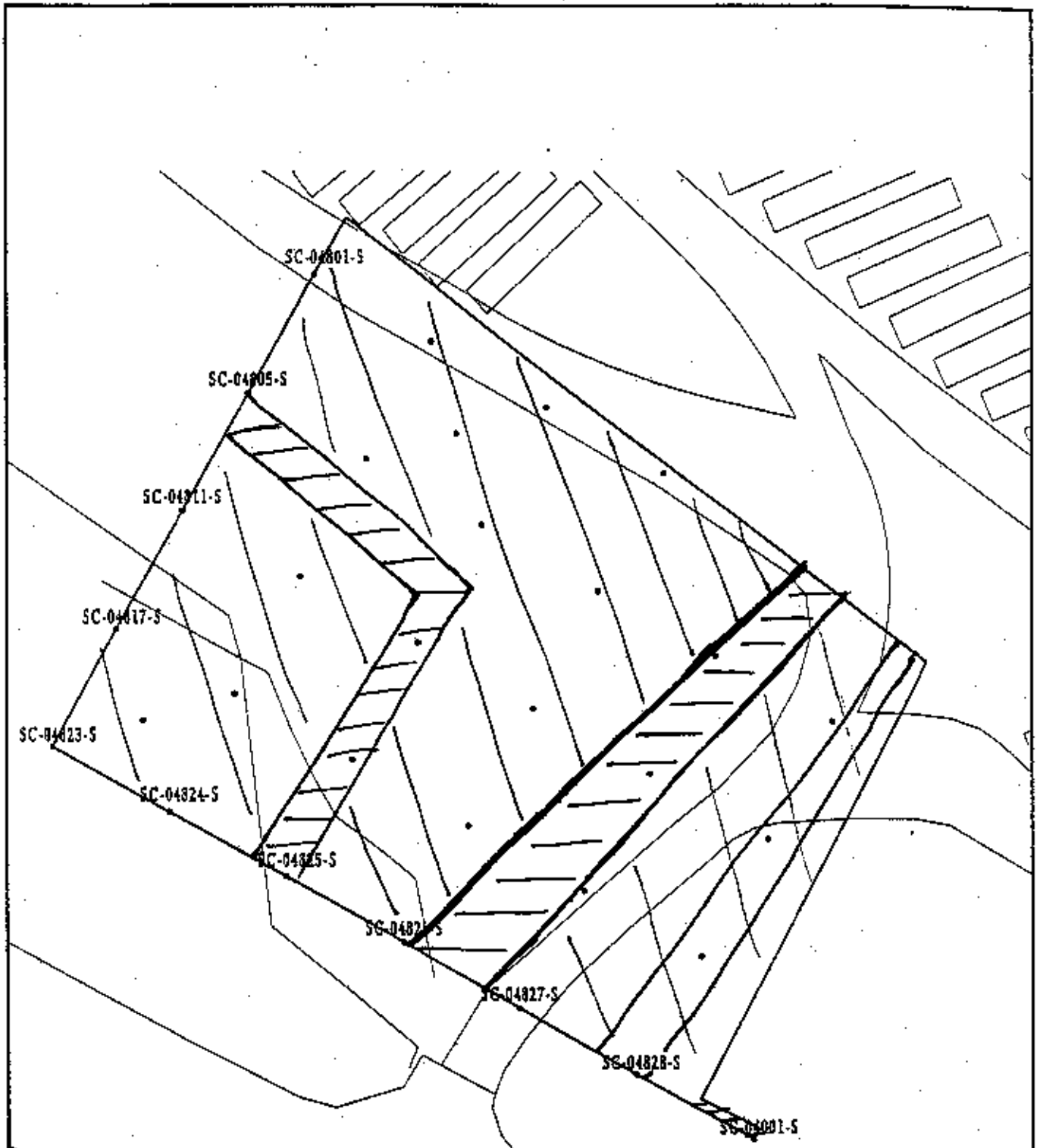
Radiation Survey Form WP 420, RU006CU047



Meter Model#:	44-10	Detector Model#:	NaI 2x2
Meter Serial#:	127252	Detector Serial#:	122608 I
Calibration Due:	3-6-97	Calibration Due:	4-3-97
Survey Date/Time:	7-17-96	Field Bkg.:	11500 cpm
Surveyor(s):	Leoul Hagoss / Tony Lukezic		

Comments: Area Surveyed 100% and it was less than 1.5X Back-ground.

Radiation Survey Form WP 420, RU006CU048



Meter Model#: 44-10 Detector Model#: 2x2 NaI

Meter Serial#: 127252 Detector Serial#: 122608 I

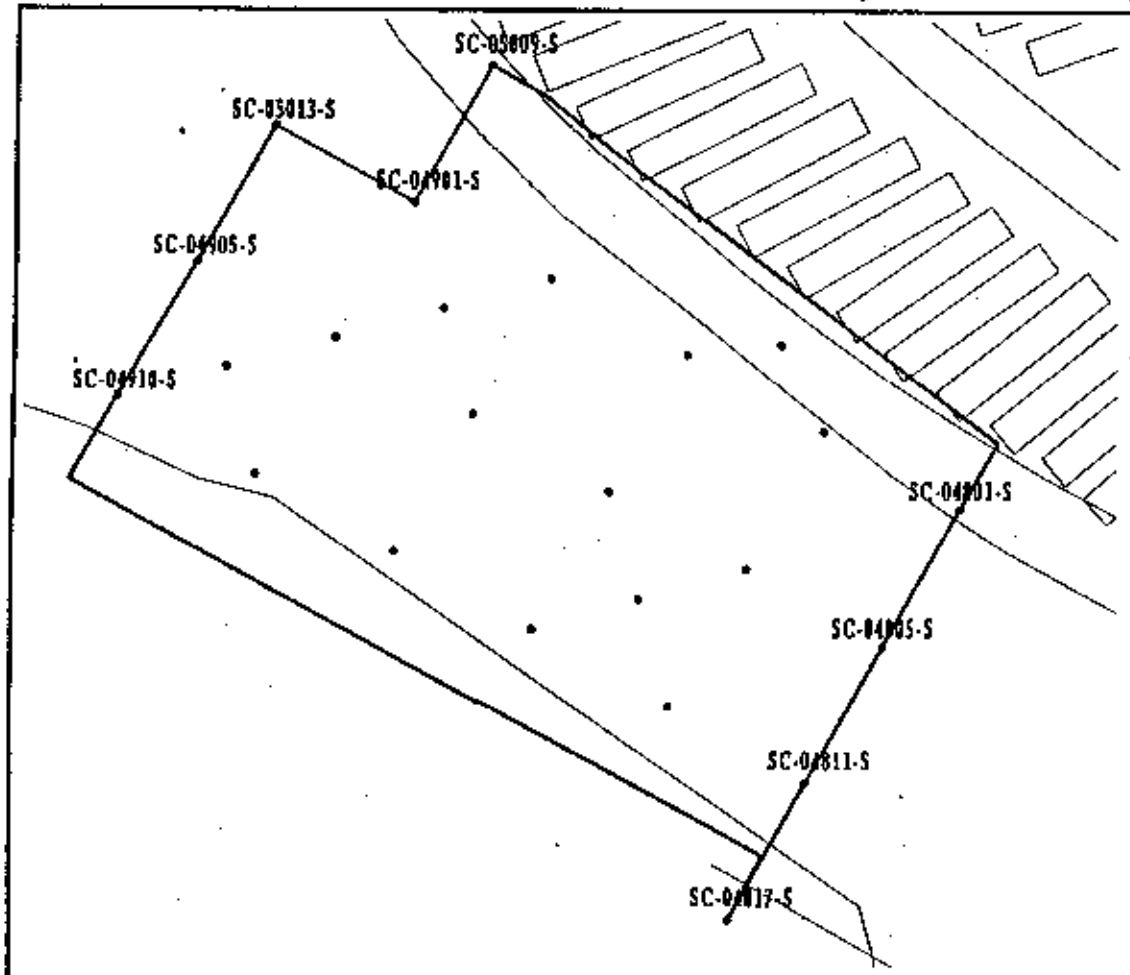
Calibration Due: 3-6-97 Calibration Due: 4-3-97

Survey Date/Time: 7-12-96 (1400-2100) Field Stg.: 10,000 cpm

Surveyor(s): T. Butzloff

Comments: The above area was surveyed and was less than 1.5X background.

Radiation Survey Form WP 420, RU006CU049



10 5 0 10 METERS

30 15 0 30 FEET

N

S

Meter Model#: 44-10 Detector Model#: 2x2 NaI

Meter Serial#: 127252 Detector Serial#: 122608 I

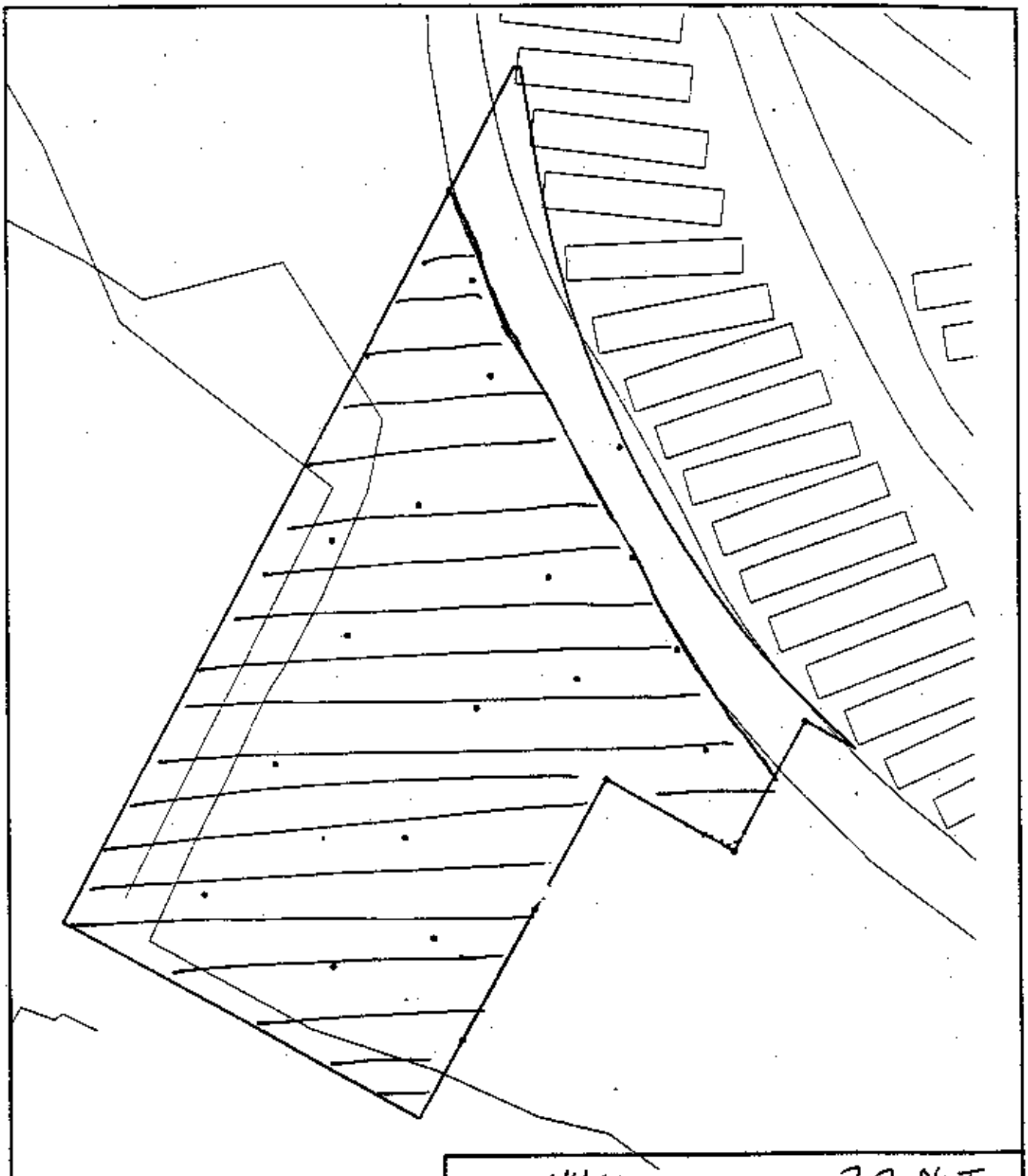
Calibration Due: 3-26-97 Calibration Due: 4-3-97

Survey Date/Time: 6-20-96 (0900-1100) Field Bkg.: 10,000 cpm

Surveyor(s): Lenel Hagess / Todd Butzlaff

Comments: Area surveyed was less than 1.5 times background.

Radiation Survey Form WP 420, RU006CU050



10 5 0 METERS

30 15 0 FEET

Meter Model#: 44-10 Detector Model#: 2x2 NaI

Meter Serial#: 125433 Detector Serial#: 126403

Calibration Due: 2-7-97 Calibration Due: 11-30-96

Survey Date/Time: 6-25-96 1000 Field Bkg.: 10,500 cpm

Surveyor(s): Todd Butzloff

Comments: The above surveyed area was less than 1.5 times background.

APPENDIX C

Disposition Forms

Weldon Spring Site Remedial Action Project
7295 Highway 94 South, St. Charles, Missouri, 63304

ES&H 1.2.1.1, Rev. 1, 03/96

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

SECTION I

1. Work Package Number: WP420 2. Date: 8/8/96 3. Review Form #: 96-032
4. Remediation Unit Number: RU006 5. Confirmation Unit Number: CU020 (map attached)
6. Contaminants of Concern: X U-238 X Th-230 X Th-232 X Ra-226 X Ra-228
   ___ TNT X PCB ___ PAH X As X Cr X Pb ___ Tl

7. Results average below ALARA goal(s)?	X Yes ___ No
8. All results below cleanup criteria?	X Yes ___ No
9. Any results greater than 3X criteria?	___ Yes X No
10. Hotspots present (less than 3X criteria)?	___ Yes X No

Parameter	Size	Concentration	Complies with Plan?
N/A			___ Yes ___ No
			___ Yes ___ No
			___ Yes ___ No
			___ Yes ___ No

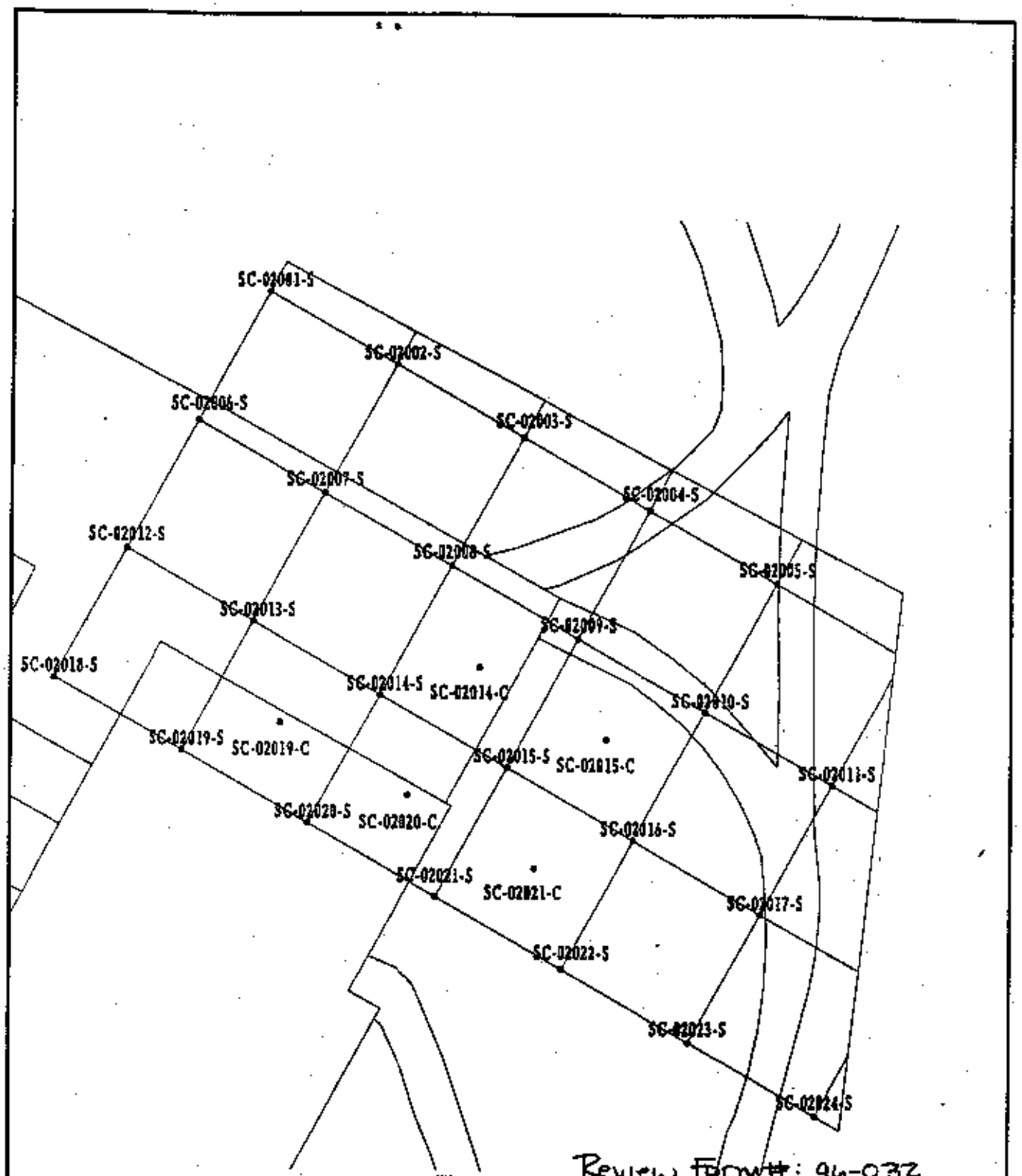
11. Reviewer: [signature] Date: 8/8/96

12. Reviewer Disposition Recommendation: X Release for Unrestricted Use (Section II)
    ___ Additional Excavation Required (Section IV)
    ___ ALARA Committee Required (Section III)

SECTION II ***Results are ALARA. CU is released for unrestricted use.***

14. ES&H Manager: [signature] Date: 8/9/96
15. DOE Project Manager/Engineer: [signature] Date: 8/9/96
16. Project Manager: [signature] Date: 8/9/96
17. Construction Engineer: [signature] Date: 8/9/96

SEE ATTACHED RESULTS AND MAP



Sample Locations in Remedial Unit RU006 Confirmation Unit CU020

Figure B-1

EXHIBIT NO.: A/CP/083/1295		REPORT NO.: DOE/OR/21548-590	
ORIGINATOR: MGI	DRAWN BY: WSSRAP GIS	DATE: 3/96	

CU020 DATA REPORT

PARAMETER	CONC	DL	LOCATION	UNITS
PCBs				
	0.000	18.000	SC-02019-C	UG/KG
	0.000	15.000	SC-02020-C	UG/KG
	0.000	41.000	SC-02020-S	UG/KG
	0.000	40.000	SC-02019-S	UG/KG
	0.000	39.000	SC-02018-S	UG/KG
	9.600	15.000	SC-02001-U	UG/KG
	31.000	16.000	SC-02002-U	UG/KG
	0.000	18.000	SC-02003-U	UG/KG
	0.000	13.000	SC-02004-U	UG/KG
PCB AVERAGE = 4.511 UG/KG (0.0045 MG/KG)				
ARSENIC				
	5.300	0.470	SC-02001-S	MG/KG
	4.700	0.500	SC-02002-S	MG/KG
	6.800	0.460	SC-02003-S	MG/KG
	6.700	0.500	SC-02004-S	MG/KG
	5.200	0.450	SC-02005-S	MG/KG
	6.000	0.470	SC-02006-S	MG/KG
	7.600	0.490	SC-02007-S	MG/KG
	3.500	0.510	SC-02014-C	MG/KG
	4.500	0.500	SC-02015-C	MG/KG
	5.900	0.480	SC-02017-S	MG/KG
	5.500	0.480	SC-02021-C	MG/KG
	0.970	0.450	SC-02020-C	MG/KG
	6.700	0.500	SC-02021-S	UG/G
	4.200	0.490	SC-02022-S	UG/G
	21.100	0.500	SC-02020-S	UG/G
	11.800	0.470	SC-02018-S	UG/G
	15.300	0.490	SC-02019-S	UG/G
	1.300		SC-02019-C	UG/G
	7.100	0.520	SC-02001-U	UG/G
	6.600	0.480	SC-02002-U	UG/G
	6.000	0.480	SC-02003-U	UG/G
	6.100	0.480	SC-02004-U	UG/G
ARSENIC AVERAGE = 6.767 UG/G				
CHROMIUM				
	21.300	0.220	SC-02020-C	UG/G
	14.200	0.570	SC-02020-S	UG/G
	12.000	0.560	SC-02019-S	UG/G
	20.800		SC-02019-C	UG/G
	14.800	0.540	SC-02018-S	UG/G
	26.600	0.240	SC-02001-U	UG/G
	27.900	0.240	SC-02002-U	UG/G
	27.900	0.240	SC-02003-U	UG/G
	26.000	0.240	SC-02004-U	UG/G
CHROMIUM AVERAGE = 21.278 UG/G				

CU020 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION	UNITS
LEAD				
	11.000	0.220	SC-02020-C	UG/G
	11.200	0.340	SC-02019-S	UG/G
	12.600	0.350	SC-02020-S	UG/G
	16.100	0.330	SC-02018-S	UG/G
	15.200		SC-02019-C	UG/G
	21.600	0.240	SC-02001-U	UG/G
	12.100	0.240	SC-02002-U	UG/G
	14.500	0.240	SC-02003-U	UG/G
	14.000	0.240	SC-02004-U	UG/G
LEAD AVERAGE = 14.256 UG/G				
RADIUM-226				
	1.730	0.310	SC-02020-S	PCI/G
	1.660	0.220	SC-02019-S	PCI/G
	2.720	0.380	SC-02018-S	PCI/G
	1.880	0.270	SC-02019-C	PCI/G
	2.630	0.330	SC-02020-C	PCI/G
	2.200	0.340	SC-02001-U	PCI/G
	2.200	0.280	SC-02002-U	PCI/G
	2.220	0.300	SC-02003-U	PCI/G
	2.200	0.290	SC-02004-U	PCI/G
RADIUM-226 AVERAGE = 2.160 PCI/G				
RADIUM-228				
	0.665	1.330	SC-02018-S	PCI/G
	1.130	0.380	SC-02019-S	PCI/G
	1.170	0.670	SC-02020-S	PCI/G
	1.510	0.620	SC-02020-C	PCI/G
	1.160	0.430	SC-02019-C	PCI/G
	1.110	0.410	SC-02001-U	PCI/G
	1.300	0.380	SC-02002-U	PCI/G
	1.180	0.260	SC-02003-U	PCI/G
	1.310	0.360	SC-02004-U	PCI/G
RADIUM-228 AVERAGE = 1.171 PCI/G				
THORIUM-230				
	0.740	0.045	SC-02019-C	PCI/G
	1.060	0.039	SC-02020-C	PCI/G
	1.210	0.038	SC-02018-S	PCI/G
	0.880	0.031	SC-02019-S	PCI/G
	1.080	0.036	SC-02020-S	PCI/G
	1.160	0.050	SC-02001-U	PCI/G
	1.230	0.062	SC-02002-U	PCI/G
	1.180	0.063	SC-02003-U	PCI/G
	1.050	0.050	SC-02004-U	PCI/G
THORIUM-230 AVERAGE = 1.066 PCI/G				

CU020 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION	UNITS
URANIUM-238				
	1.550	3.100	SC-02019-C	PCI/G
	1.955	3.910	SC-02020-C	PCI/G
	3.740	3.200	SC-02017-S	PCI/G
	1.430	2.860	SC-02016-S	PCI/G
	5.280	3.050	SC-02007-S	PCI/G
	1.630	3.260	SC-02006-S	PCI/G
	2.095	4.190	SC-02005-S	PCI/G
	1.955	3.910	SC-02004-S	PCI/G
	8.180	2.910	SC-02003-S	PCI/G
	1.885	3.770	SC-02002-S	PCI/G
	2.040	4.080	SC-02001-S	PCI/G
	1.900	3.800	SC-02013-S	PCI/G
	1.575	3.150	SC-02012-S	PCI/G
	11.970	3.510	SC-02011-S	PCI/G
	1.565	3.130	SC-02010-S	PCI/G
	4.400	2.980	SC-02009-S	PCI/G
	5.260	3.670	SC-02008-S	PCI/G
	2.055	4.110	SC-02015-S	PCI/G
	1.455	2.910	SC-02014-S	PCI/G
	1.750	2.770	SC-02018-S	PCI/G
	1.405	2.810	SC-02019-S	PCI/G
	1.910	3.820	SC-02020-S	PCI/G
	1.615	3.230	SC-02021-S	PCI/G
	2.255	4.510	SC-02022-S	PCI/G
	14.680	3.290	SC-02023-S	PCI/G
	4.950	3.370	SC-02024-S	PCI/G
	1.520	3.040	SC-02001-U	PCI/G
	3.120	2.440	SC-02002-U	PCI/G
	1.525	3.050	SC-02003-U	PCI/G
	3.060	2.840	SC-02004-U	PCI/G

URANIUM-238 AVERAGE = 3.324 PCI/G

Weldon Spring Site Remedial Action Project
7295 Highway 94 South, St. Charles, Missouri, 63304

ES&H 1.2.1.1, Rev. 1, 03/96

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

SECTION I

1. Work Package Number: WP420 2. Date: 8.8.96 3. Review Form #: 96-031

4. Remediation Unit Number: RU006 5. Confirmation Unit Number: CU021 (map attached)

6. Contaminants of Concern: X U-238 X Th-230 X Th-232 X Ra-226 X Ra-228
___ TNT X PCB X PAH X As X Cr X Pb ___ Tl

7. Results average below ALARA goal(s)?	X Yes ___ No
8. All results below cleanup criteria?	X Yes ___ No
9. Any results greater than 3X criteria?	___ Yes X No
10. Hotspots present (less than 3X criteria)?	___ Yes X No

Parameter	Size	Concentration	Complies with Plan?
N/A			___ Yes ___ No
			___ Yes ___ No
			___ Yes ___ No
			___ Yes ___ No

11. Reviewer: Mel H. [illegible] Date: 8/8/96

12. Reviewer Disposition Recommendation: X Release for Unrestricted Use (Section II)
___ Additional Excavation Required (Section IV)
___ ALARA Committee Required (Section III)

SECTION II *Results are ALARA. CU is released for unrestricted use.*

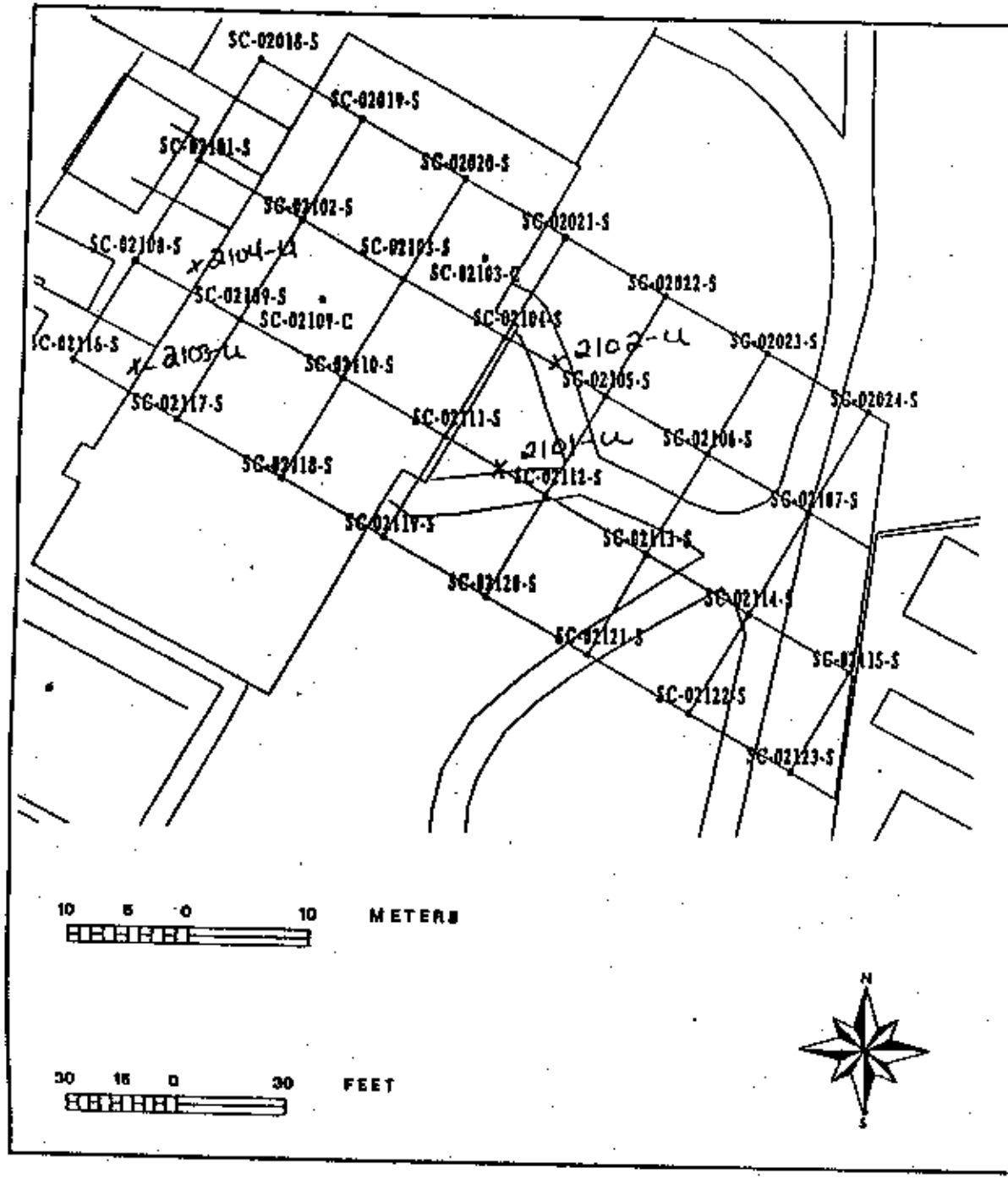
14. ES&H Manager: [signature] Date: 8/8/96

15. DOE Project Manager/Engineer: Thomas C. Pauley Date: 8/8/96

16. Project Manager: [signature] Date: 8/8/96

17. Construction Engineer: Daniel L. Capps Date: 8/8/96

SEE ATTACHED RESULTS AND MAP



x - are utility locations

Review Form #96-031

Sample Locations in Remedial Unit RU006
Confirmation Unit CU021

Figure B-2

EXHIBIT NO.: A/CP/084/1295		REPORT NO.: DOE/OR/21548-590	
ORIGINATOR: MGL	DRAWN BY: WSSRAP GIS	DATE: 3/96	

CU021 DATA REPORT

PARAMETER	CONC	DL	LOCATION	UNITS
PCBs	0.000	39.000	SC-02018-S	UG/KG
	0.000	40.000	SC-02019-S	UG/KG
	0.000	41.000	SC-02020-S	UG/KG
	0.000	41.000	SC-02101-S	UG/KG
	0.000	42.000	SC-02102-S	UG/KG
	0.000	40.000	SC-02103-S	UG/KG
	0.000	40.000	SC-02103-C	UG/KG
	0.000	39.000	SC-02104-S	UG/KG
	0.000	40.000	SC-02109-C	UG/KG
	0.000	42.000	SC-02109-S	UG/KG
	0.000	42.000	SC-02110-S	UG/KG
	0.000	40.000	SC-02111-S	UG/KG
	0.000	40.000	SC-02108-S	UG/KG
	0.000	39.000	SC-02116-S	UG/KG
	0.000	38.000	SC-02118-S	UG/KG
	0.000	40.000	SC-02117-S	UG/KG
	0.000	43.000	SC-02119-S	UG/KG
	0.000	39.000	SC-02101-U	UG/KG
	0.000	38.000	SC-02102-U	UG/KG
	0.000	40.000	SC-02103-U	UG/KG
	0.000	43.000	SC-02104-U	UG/KG

PCB AVERAGE = NA (all results were NDs).

PAHs	190.000	NA	SC-02116-S	UG/KG
	870.000	NA	SC-02118-S	UG/KG
	120.000	NA	SC-02108-S	UG/KG

PAH AVERAGE = 380 UG/KG (0.38 MG/KG)

390 MGK 5.22.97 0.39 MGK 5.22.97

Arsenic	6.700	0.500	SC-02021-S	UG/G
	4.200	0.490	SC-02022-S	UG/G
	6.600	0.480	SC-02108-S	UG/G
	8.700	0.500	SC-02110-S	UG/G
	10.000	0.480	SC-02111-S	UG/G
	9.400	0.510	SC-02109-S	UG/G
	6.300	0.490	SC-02109-C	UG/G
	3.800	0.480	SC-02104-S	UG/G
	5.900	0.490	SC-02103-S	UG/G
	5.700	0.480	SC-02103-C	UG/G
	8.600	0.490	SC-02101-S	UG/G
	6.800	0.500	SC-02102-S	UG/G
	21.100	0.500	SC-02020-S	UG/G
	11.800	0.470	SC-02018-S	UG/G
	15.300	0.490	SC-02019-S	UG/G
	7.400	0.480	SC-02117-S	UG/G
	9.700	0.520	SC-02119-S	UG/G
	10.000	0.460	SC-02118-S	UG/G
	7.800	0.480	SC-02116-S	UG/G
	9.800	0.480	SC-02101-U	UG/G
	8.900	0.520	SC-02102-U	UG/G
	7.600	0.460	SC-02103-U	UG/G
	6.600	0.480	SC-02104-U	UG/G

ARSENIC AVERAGE = 8.639 UG/G

CU021 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION	UNITS
Chromium	15.900	0.590	SC-02109-S	UG/G
	15.500	0.550	SC-02104-S	UG/G
	21.200	0.550	SC-02108-S	UG/G
	15.600	0.560	SC-02109-C	UG/G
	23.200	0.550	SC-02116-S	UG/G
	13.700	0.530	SC-02118-S	UG/G
	16.500	0.550	SC-02117-S	UG/G
	18.500	0.590	SC-02119-S	UG/G
	14.800	0.580	SC-02102-S	UG/G
	17.800	0.570	SC-02101-S	UG/G
	14.200	0.570	SC-02020-S	UG/G
	12.000	0.560	SC-02019-S	UG/G
	14.800	0.540	SC-02018-S	UG/G
	13.600	0.550	SC-02103-C	UG/G
	14.000	0.560	SC-02103-S	UG/G
	19.200	0.570	SC-02110-S	UG/G
	29.000	0.560	SC-02111-S	UG/G
	29.200	0.480	SC-02101-U	UG/G
	28.000	0.520	SC-02102-U	UG/G
	25.700	0.460	SC-02103-U	UG/G
	20.800	0.480	SC-02104-U	UG/G

CHROMIUM AVERAGE = 18.723 UG/G

Lead	14.900	0.340	SC-02101-S	UG/G
	9.000	0.340	SC-02117-S	UG/G
	24.200	0.360	SC-02119-S	UG/G
	11.200	0.340	SC-02019-S	UG/G
	18.900	0.360	SC-02109-S	UG/G
	11.000	0.340	SC-02109-C	UG/G
	18.200	0.320	SC-02118-S	UG/G
	33.400	0.330	SC-02116-S	UG/G
	12.600	0.350	SC-02020-S	UG/G
	16.100	0.330	SC-02018-S	UG/G
	13.900	0.350	SC-02102-S	UG/G
	14.500	0.340	SC-02111-S	UG/G
	11.200	0.340	SC-02108-S	UG/G
	13.400	0.350	SC-02110-S	UG/G
	14.800	0.330	SC-02103-C	UG/G
	10.600	0.340	SC-02103-S	UG/G
	9.900	0.330	SC-02104-S	UG/G
	18.100	0.480	SC-02101-U	UG/G
	15.600	0.520	SC-02102-U	UG/G
	15.600	0.460	SC-02103-U	UG/G
	25.100	0.480	SC-02104-U	UG/G

LEAD AVERAGE = 15.819 UG/G

CU021 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION	UNITS
RADIUM-226	2.540	0.160	SC-02108-S	PCI/G
	2.970	0.380	SC-02109-C	PCI/G
	2.570	0.360	SC-02109-S	PCI/G
	2.180	0.290	SC-02119-S	PCI/G
	2.090	0.330	SC-02118-S	PCI/G
	2.700	0.270	SC-02104-S	PCI/G
	2.130	0.370	SC-02103-S	PCI/G
	2.320	0.270	SC-02103-C	PCI/G
	2.290	0.380	SC-02102-S	PCI/G
	2.680	0.270	SC-02101-S	PCI/G
	1.730	0.310	SC-02020-S	PCI/G
	1.660	0.220	SC-02019-S	PCI/G
	2.720	0.380	SC-02018-S	PCI/G
	2.220	0.300	SC-02111-S	PCI/G
	2.660	0.300	SC-02110-S	PCI/G
	2.360	0.340	SC-02117-S	PCI/G
	2.160	0.240	SC-02116-S	PCI/G
	2.250	0.280	SC-02101-U	PCI/G
	2.590	0.440	SC-02102-U	PCI/G
	2.130	0.290	SC-02103-U	PCI/G
	2.840	1.250	SC-02104-U	PCI/G

RADIUM-226 AVERAGE = 2.371 PCI/G

RADIUM-228	0.665	1.330	SC-02018-S	PCI/G
	1.130	0.380	SC-02019-S	PCI/G
	1.170	0.670	SC-02020-S	PCI/G
	1.350	0.360	SC-02101-S	PCI/G
	0.850	0.580	SC-02102-S	PCI/G
	1.620	0.340	SC-02103-C	PCI/G
	0.580	1.160	SC-02103-S	PCI/G
	1.230	0.390	SC-02104-S	PCI/G
	0.970	0.450	SC-02108-S	PCI/G
	0.600	1.200	SC-02109-C	PCI/G
	1.180	0.300	SC-02109-S	PCI/G
	1.110	0.490	SC-02110-S	PCI/G
	1.290	0.390	SC-02111-S	PCI/G
	1.050	0.430	SC-02119-S	PCI/G
	1.400	0.330	SC-02118-S	PCI/G
	1.980	0.530	SC-02117-S	PCI/G
	0.580	1.160	SC-02116-S	PCI/G
	1.330	0.330	SC-02101-U	PCI/G
	1.510	0.570	SC-02102-U	PCI/G
	0.980	0.460	SC-02103-U	PCI/G
	0.645	1.290	SC-02104-U	PCI/G

RADIUM-228 AVERAGE = 1.106 PCI/G

CU021 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION	UNITS
THORIUM-230	1.210	0.038	SC-02018-S	PCI/G
	0.880	0.031	SC-02019-S	PCI/G
	1.080	0.036	SC-02020-S	PCI/G
	1.090	0.036	SC-02101-S	PCI/G
	0.990	0.037	SC-02102-S	PCI/G
	1.100	0.039	SC-02103-C	PCI/G
	1.020	0.038	SC-02103-S	PCI/G
	1.170	0.049	SC-02104-S	PCI/G
	1.020	0.039	SC-02108-S	PCI/G
	1.210	0.030	SC-02109-C	PCI/G
	1.080	0.030	SC-02109-S	PCI/G
	1.090	0.030	SC-02110-S	PCI/G
	1.060	0.031	SC-02111-S	PCI/G
	1.120	0.040	SC-02119-S	PCI/G
	1.040	0.042	SC-02118-S	PCI/G
	0.980	0.036	SC-02117-S	PCI/G
	1.060	0.037	SC-02116-S	PCI/G
	1.210	0.050	SC-02101-U	PCI/G
	1.270	0.062	SC-02102-U	PCI/G
	1.300	0.063	SC-02103-U	PCI/G
	1.320	0.050	SC-02104-U	PCI/G
THORIUM-230 AVERAGE = 1.100 PCI/G				
URANIUM-238	1.915	3.830	SC-02116-S	PCI/G
	2.085	4.170	SC-02117-S	PCI/G
	1.880	3.760	SC-02118-S	PCI/G
	1.545	3.090	SC-02119-S	PCI/G
	1.620	3.240	SC-02120-S	PCI/G
	5.060	3.400	SC-02121-S	PCI/G
	8.600	3.080	SC-02122-S	PCI/G
	8.510	3.800	SC-02123-S	PCI/G
	2.000	4.000	SC-02102-S	PCI/G
	1.750	2.770	SC-02018-S	PCI/G
	1.405	2.810	SC-02019-S	PCI/G
	1.910	3.820	SC-02020-S	PCI/G
	1.615	3.230	SC-02021-S	PCI/G
	2.255	4.510	SC-02022-S	PCI/G
	14.680	3.290	SC-02023-S	PCI/G
	4.950	3.370	SC-02024-S	PCI/G
	4.000	2.630	SC-02101-S	PCI/G
	1.610	3.220	SC-02103-C	PCI/G
	2.075	4.150	SC-02103-S	PCI/G
	1.565	3.130	SC-02104-S	PCI/G
	14.560	5.130	SC-02105-S	PCI/G
	19.250	3.640	SC-02106-S	PCI/G
	3.480	3.780	SC-02107-S	PCI/G
	1.590	3.180	SC-02108-S	PCI/G
	4.500	2.680	SC-02109-S	PCI/G
	2.090	4.180	SC-02110-S	PCI/G
	1.575	3.150	SC-02111-S	PCI/G
	13.130	4.580	SC-02112-S	PCI/G
	2.095	4.190	SC-02113-S	PCI/G
	3.020	2.630	SC-02114-S	PCI/G
	3.240	3.640	SC-02115-S	PCI/G
	3.950	2.070	SC-02101-U	PCI/G
	2.085	4.170	SC-02102-U	PCI/G
	6.150	3.590	SC-02103-U	PCI/G
	13.330	4.560	SC-02104-U	PCI/G
URANIUM-238 AVERAGE = 4.716 PCI/G				

Weldon Spring Site Remedial Action Project
7295 Highway 94 South, St. Charles, Missouri, 63304

ES&H 1.2.1.1, Rev. 1, 03/96

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

SECTION I

1. Work Package Number: WP 420 2. Date: 8.8.96 3. Review Form #: 96 - 030

4. Remediation Unit Number: RU006 5. Confirmation Unit Number: CU022 (map attached)

6. Contaminants of Concern: X U-238 X Th-230 X Th-232 X Ra-226 X Ra-228
___ TNT X PCB X PAH X As X Cr X Pb ___ Tl

7. Results average below ALARA goal(s)? PAH Avg = ~~443~~ 0.87 mg/kg (mg/L 5.2.97)	___ Yes X No
8. All results below cleanup criteria?	X Yes ___ No
9. Any results greater than 3X criteria?	___ Yes X No
10. Hotspots present (less than 3X criteria)?	___ Yes X No

Parameter	Size	Concentration	Complies with Plan?
N/A			___ Yes ___ No
			___ Yes ___ No
			___ Yes ___ No
			___ Yes ___ No

11. Reviewer: [signature] Date: 8/8/96

12. Reviewer Disposition Recommendation:
___ Release for Unrestricted Use (Section II)
___ Additional Excavation Required (Section IV)
X ALARA Committee Required (Section III)

SECTION II *Results are ALARA. CU is released for unrestricted use.*

14. ES&H Manager: ___ Date: ___

15. DOE Project Manager/Engineer: ___ Date: ___

16. Project Manager: ___ Date: ___

17. Construction Engineer: ___ Date: ___

SEE ATTACHED RESULTS AND MAP

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

ES&H-1.2.1, 03/96

SECTION III *ALARA Committee (Average above ALARA)*

Confirmation unit status reports have been attached for the following contaminants of concern for which the average exceeds ALARA:

____ U-238	____ Th-230	____ Th-232	____ Ra-226	____ RA-228	____ TNT
X PAH	____ As	____ Cr	____ Pb	____ Tl	____ PCB

Disposition Input:

The Average [PAH] = 0.87 ~~0.443~~ revised 5-21-97, which exceeds ALARA. To date, not including this CU, we have collected 15 PAH samples, 3 of which exceeded ALARA. PAH results including this CU are 23 PAH samples, 6 of which exceed ALARA. This meets the 50% or more below ALARA, therefore this CU passes.

Disposition Decision:

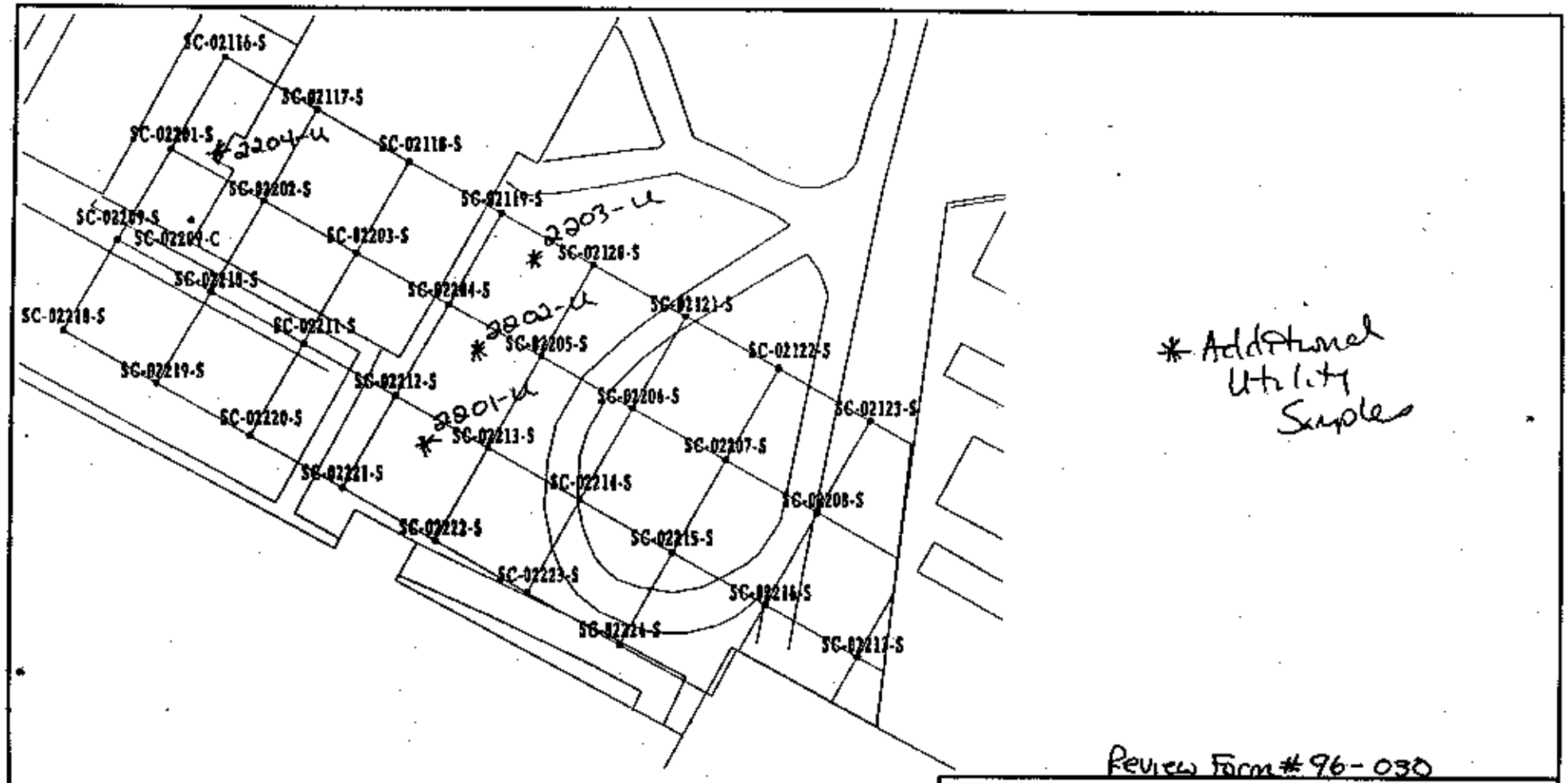
X Backfill/Release for Unrestricted Use.
____ Additional Excavation Required.
____ Additional Samples to be Collected.

yes	[signature] for KS	8/8/96
Vote	ES&H Manager	Date
yes	Thomas C. Foulis	8/8/96
Vote	DOE Project Manager/Engineer	Date
yes	Jon Greenwell	8-8-96
Vote	Deputy Project Director - Operations	Date
Yes	James Hollins	8/8/96
Vote	Environmental Protection Manager	Date
Yes	Steven D Marek	8/8/96
Vote	Deputy Project Director - Environmental	Date
	Daniel L. Copp	8/9/96
	Construction Engineer	Date
		8/8/96
	Project Manager	Date

Section IV *Results greater than 3X criteria or > hotspot rule, additional excavation automatically required.*

Project Manager:_____ Date:_____

Construction Engineer:_____ Date:_____



* Additional Utility Samples

Review Form #96-030

Sample Locations in Remedial Unit RU006 Confirmation Unit CU022

Figure B-3

EXHIBIT NO.: A/CP/085/1295		REPORT NO.: DOE/OR/21548-590	
ORIGINATOR: MGL	DRAWN BY: WSSRAP GIS	DATE: 3/96	

CU022 DATA REPORT

PARAMETER	CONC	DL	LOCATION	UNITS
PCBs	0.000	39.000	SC-02116-S	UG/KG
	0.000	38.000	SC-02118-S	UG/KG
	0.000	41.000	SC-02201-S	UG/KG
	0.000	40.000	SC-02117-S	UG/KG
	0.000	43.000	SC-02119-S	UG/KG
	0.000	40.000	SC-02209-S	UG/KG
	0.000	42.000	SC-02211-S	UG/KG
	0.000	40.000	SC-02210-S	UG/KG
	0.000	41.000	SC-02203-S	UG/KG
	0.000	40.000	SC-02202-S	UG/KG
	0.000	42.000	SC-02201-U	UG/KG
	74.000	40.000	SC-02202-U	UG/KG
	0.000	41.000	SC-02203-U	UG/KG
	0.000	40.000	SC-02204-U	UG/KG

PCB AVERAGE = 5.285 UG/KG (0.005 MG/KG)

PAHs

	810.000	27.000 SC-02201-S	UG/KG
	190.000	5.100 SC-02116-S	UG/KG
	870.000	25.000 SC-02118-S	UG/KG
	1,600.000	52.000 SC-02209-S	UG/KG
~~0.000~~	~~00.000~~	~~SC-02201-U~~	~~UG/KG~~ e 5.21.97 MWL
~~74.000~~	~~00.000~~	~~SC-02202-U~~	~~UG/KG~~ e 5.21.97 MWL
~~0.000~~	~~00.000~~	~~SC-02203-U~~	~~UG/KG~~ e 5.21.97 MWL
~~0.000~~	~~00.000~~	~~SC-02204-U~~	~~UG/KG~~ e 5.21.97 MWL

PAH AVERAGE = ~~443.0~~ 87 **UG/KG (** ~~0.443~~ 0.87 MWL 5.21.97 **MG/KG)**

Arsenic 5.21.97	6.700	0.490	SC-02202-S	UG/G
	9.100	0.500	SC-02203-S	UG/G
	10.300	0.480	SC-02210-S	UG/G
	10.800	0.500	SC-02211-S	UG/G
	7.400	0.480	SC-02117-S	UG/G
	9.700	0.520	SC-02119-S	UG/G
	8.800	0.480	SC-02209-S	UG/G
	8.200	0.490	SC-02201-S	UG/G
	10.000	0.460	SC-02118-S	UG/G
	7.800	0.480	SC-02116-S	UG/G
	8.900	00.000	SC-02201-U	UG/G
	10.400	00.000	SC-02202-U	UG/G
	4.600	00.000	SC-02203-U	UG/G
	9.800	00.000	SC-02204-U	UG/G

ARSENIC AVERAGE = 8.750 UG/G

CU022 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION	UNITS
CHROMIUM	15.100	0.580	SC-02203-S	UG/G
	16.500	0.560	SC-02202-S	UG/G
	18.100	0.550	SC-02210-S	UG/G
	19.200	0.550	SC-02209-S	UG/G
	23.200	0.550	SC-02116-S	UG/G
	13.700	0.530	SC-02118-S	UG/G
	21.500	0.580	SC-02211-S	UG/G
	16.500	0.550	SC-02117-S	UG/G
	18.500	0.590	SC-02119-S	UG/G
	15.200	0.570	SC-02201-S	UG/G
	32.300	00.000	SC-02201-U	UG/G
	33.500	00.000	SC-02202-U	UG/G
	23.200	00.000	SC-02203-U	UG/G
	31.300	00.000	SC-02204-U	UG/G
CHROMIUM AVERAGE = 21.271 UG/G				
LEAD	16.200	0.350	SC-02201-S	UG/G
	16.900	0.340	SC-02209-S	UG/G
	9.000	0.340	SC-02117-S	UG/G
	24.200	0.360	SC-02119-S	UG/G
	10.700	0.340	SC-02210-S	UG/G
	16.800	0.350	SC-02203-S	UG/G
	22.800	0.350	SC-02211-S	UG/G
	11.700	0.340	SC-02202-S	UG/G
	18.200	0.320	SC-02118-S	UG/G
	33.400	0.330	SC-02116-S	UG/G
	16.000	00.000	SC-02201-U	UG/G
	14.700	00.000	SC-02202-U	UG/G
	9.200	00.000	SC-02203-U	UG/G
	15.800	00.000	SC-02204-U	UG/G
LEAD AVERAGE	16.829 UG/G			
RADIUM-226	2.700	0.250	SC-02211-S	PCI/G
	2.180	0.290	SC-02119-S	PCI/G
	2.090	0.330	SC-02118-S	PCI/G
	2.380	0.310	SC-02202-S	PCI/G
	1.700	0.390	SC-02201-S	PCI/G
	2.180	0.300	SC-02210-S	PCI/G
	2.200	0.350	SC-02209-S	PCI/G
	2.090	0.420	SC-02203-S	PCI/G
	2.360	0.340	SC-02117-S	PCI/G
	2.160	0.240	SC-02116-S	PCI/G
	2.430	0.310	SC-02201-U	PCI/G
	2.720	0.320	SC-02202-U	PCI/G
	1.820	0.280	SC-02203-U	PCI/G
	2.000	0.370	SC-02204-U	PCI/G
RADIUM-226 AVERAGE = 2.215 PCI/G				

CU022 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION	UNITS
RADIUM-228	1.370	0.600	SC-02211-S	PCI/G
	1.180	0.450	SC-02210-S	PCI/G
	1.430	0.550	SC-02209-S	PCI/G
	0.555	1.110	SC-02203-S	PCI/G
	1.360	0.400	SC-02202-S	PCI/G
	1.060	0.570	SC-02201-S	PCI/G
	1.050	0.430	SC-02119-S	PCI/G
	1.400	0.330	SC-02118-S	PCI/G
	1.980	0.530	SC-02117-S	PCI/G
	0.580	1.160	SC-02116-S	PCI/G
	1.260	0.460	SC-02201-U	PCI/G
	1.300	0.650	SC-02202-U	PCI/G
	1.410	0.380	SC-02203-U	PCI/G
	1.380	0.270	SC-02204-U	PCI/G

RADIUM-228 AVERAGE = 1.197 PCI/G

THORIUM-230	1.280	0.032	SC-02211-S	PCI/G
	0.930	0.052	SC-02210-S	PCI/G
	1.130	0.034	SC-02209-S	PCI/G
	1.020	0.037	SC-02203-S	PCI/G
	1.130	0.052	SC-02202-S	PCI/G
	1.380	0.052	SC-02201-S	PCI/G
	1.120	0.040	SC-02119-S	PCI/G
	1.040	0.042	SC-02118-S	PCI/G
	0.980	0.036	SC-02117-S	PCI/G
	1.060	0.037	SC-02116-S	PCI/G
	1.550	0.035	SC-02201-U	PCI/G
	1.210	0.045	SC-02202-U	PCI/G
	1.160	0.046	SC-02203-U	PCI/G
	1.160	0.059	SC-02204-U	PCI/G

THORIUM-230 AVERAGE = 1.154 PCI/G

CU022 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION	UNITS
URANIUM-238	13.780	2.830	SC-02222-S	PCI/G
	14.820	3.290	SC-02223-S	PCI/G
	2.135	4.270	SC-02224-S	PCI/G
	2.015	4.030	SC-02218-S	PCI/G
	2.300	4.600	SC-02219-S	PCI/G
	1.740	2.090	SC-02220-S	PCI/G
	2.060	4.120	SC-02221-S	PCI/G
	1.915	3.830	SC-02116-S	PCI/G
	2.085	4.170	SC-02117-S	PCI/G
	1.880	3.760	SC-02118-S	PCI/G
	1.545	3.090	SC-02119-S	PCI/G
	1.620	3.240	SC-02120-S	PCI/G
	5.060	3.400	SC-02121-S	PCI/G
	8.600	3.080	SC-02122-S	PCI/G
	8.510	3.800	SC-02123-S	PCI/G
	2.100	2.220	SC-02201-S	PCI/G
	1.490	2.980	SC-02202-S	PCI/G
	1.870	3.740	SC-02203-S	PCI/G
	1.970	3.940	SC-02204-S	PCI/G
	1.610	3.220	SC-02205-S	PCI/G
	2.020	4.040	SC-02206-S	PCI/G
	12.960	3.960	SC-02207-S	PCI/G
	1.510	3.020	SC-02213-S	PCI/G
	2.070	4.140	SC-02214-S	PCI/G
	1.605	3.210	SC-02215-S	PCI/G
	2.890	2.690	SC-02216-S	PCI/G
	3.560	2.490	SC-02217-S	PCI/G
	3.260	1.900	SC-02208-S	PCI/G
	2.440	3.010	SC-02209-C	PCI/G
	2.035	4.070	SC-02209-S	PCI/G
	1.490	2.980	SC-02210-S	PCI/G
	2.000	4.000	SC-02211-S	PCI/G
	2.020	4.040	SC-02212-S	PCI/G
	1.525	3.050	SC-02201-U	PCI/G
	2.040	4.080	SC-02202-U	PCI/G
	1.520	3.040	SC-02203-U	PCI/G
	2.150	4.030	SC-02204-U	PCI/G

URANIUM-238 AVERAGE = 3.605 PCI/G

Confirmation Unit Status Report for Current PAH Results To Date

Location	PAH Concentration
SC-00115-S	ND
SC-00118-C	0.0870
SC-00119-C	1.71
SC-00119-S	1.75
SC-00121-C	ND
SC-00122-C	0.5110
SC-00208-S	2.35
SC-00204-S	ND
SC-04411-S	0.0078
SC-04412-S	0.0010
SC-04416-S	0.0269
SC-04416-C	0.7550
SC-04417-S	0.0740
SC-04411-S	0.0100
SC-04416-S	0.0400

Units = mg/kg

Weldon Spring Site Remedial Action Project
7295 Highway 94 South, St. Charles, Missouri, 63304

ES&H 1.2.1.1, Rev. 1, 03/96

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

SECTION I

1. Work Package Number: WP 420 2. Date: 8-7-96 3. Review Form #: 96-029

4. Remediation Unit Number: RU006 5. Confirmation Unit Number: CU023 (map attached)

6. Contaminants of Concern: X U-238 X Th-230 X Th-232 X Ra-226 X Ra-228
___ TNT X PCB ___ PAH X As X Cr X Pb X Tl

7. Results average below ALARA goal(s)?	X Yes ___ No
8. All results below cleanup criteria?	X Yes ___ No
9. Any results greater than 3X criteria?	___ Yes X No
10. Hotspots present (less than 3X criteria)?	___ Yes X No

Parameter	Size	Concentration	Complies with Plan?
N/A			___ Yes ___ No
			___ Yes ___ No
			___ Yes ___ No
			___ Yes ___ No

11. Reviewer: Melissa M. Yeh Date: 8/7/96

12. Reviewer Disposition Recommendation: X Release for Unrestricted Use (Section II)
___ Additional Excavation Required (Section IV)
___ ALARA Committee Required (Section III)

SECTION II ***Results are ALARA. CU is released for unrestricted use.***

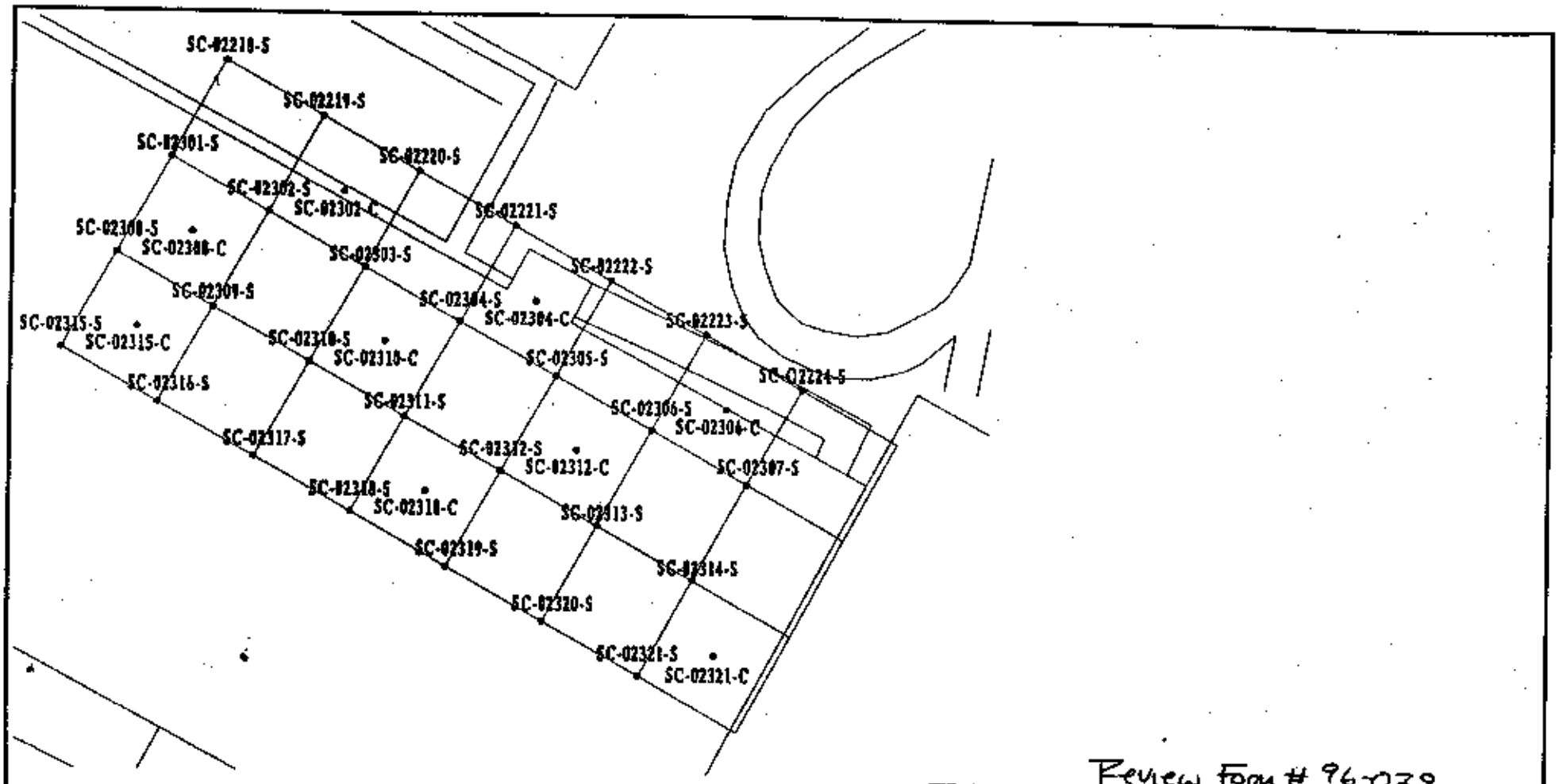
14. ES&H Manager: D Meye Date: 8/7/96

15. DOE Project Manager/Engineer: Thomas C Dailey Date: 8/7/96

16. Project Manager: [signature] Date: 8/7/96

17. Construction Engineer: Darlene L. Capps Date: 8/7/96

SEE ATTACHED RESULTS AND MAP



Review Form # 96-029

Sample Locations in Remedial Unit RU006 Confirmation Unit CU023

Figure B-4

EXHIBIT NO.: A/CP/086/1295		REPORT NO.: DOE/OR/21548-590	
ORIGINATOR: MGL	DRAWN BY: WSSRAP GIS	DATE: 3/96	

CU023 DATA REPORT

PARAMETER	CONC	DL	UNITS	LOCATION_ID
PCBs				
	0.00	16.000	UG/KG	SC-02301-S
	0.00	15.000	UG/KG	SC-02302-C
	0.00	15.000	UG/KG	SC-02302-S
	0.00	16.000	UG/KG	SC-02303-S
	0.00	16.000	UG/KG	SC-02304-S
	0.00	16.000	UG/KG	SC-02304-C
	0.00	16.000	UG/KG	SC-02305-S
	0.00	16.000	UG/KG	SC-02306-S
	0.00	16.000	UG/KG	SC-02306-C
	0.00	16.000	UG/KG	SC-02307-S
	0.00	16.000	UG/KG	SC-02308-S
	0.00	16.000	UG/KG	SC-02308-C
	0.00	16.000	UG/KG	SC-02309-S
	0.00	16.000	UG/KG	SC-02310-S
	0.00	16.000	UG/KG	SC-02310-C
	0.00	16.000	UG/KG	SC-02311-S
	0.00	16.000	UG/KG	SC-02312-S
	180.00	15.000	UG/KG	SC-02312-C
	0.00	16.000	UG/KG	SC-02313-S
	0.00	16.000	UG/KG	SC-02314-S
	0.00	16.000	UG/KG	SC-02315-C
	0.00	16.000	UG/KG	SC-02315-S
	0.00	17.000	UG/KG	SC-02316-S
	0.00	16.000	UG/KG	SC-02317-S
	15.00	16.000	UG/KG	SC-02318-S
	0.00	16.000	UG/KG	SC-02318-C
	0.00	16.000	UG/KG	SC-02319-S
	12.00	16.000	UG/KG	SC-02320-S
	0.00	16.000	UG/KG	SC-02321-S
	0.00	15.000	UG/KG	SC-02321-C
PCBs AVERAGE = 6.9 UG/KG				
ARSENIC				
	7.6	0.000	MG/KG	SC-02301-S
	9.1	0.000	MG/KG	SC-02302-C
	7.1	0.000	MG/KG	SC-02302-S
	7.0	0.000	MG/KG	SC-02303-S
	7.2	0.000	MG/KG	SC-02304-S
	5.2	0.000	MG/KG	SC-02304-C
	7.2	0.000	MG/KG	SC-02305-S
	7.9	0.000	MG/KG	SC-02306-S
	7.1	0.000	MG/KG	SC-02306-C
	6.4	0.000	MG/KG	SC-02307-S
	7.7	0.000	MG/KG	SC-02308-S
	6.6	0.000	MG/KG	SC-02308-C
	6.7	0.000	MG/KG	SC-02309-S
	5.2	0.000	MG/KG	SC-02310-S
	6.0	0.000	MG/KG	SC-02310-C
	6.6	0.000	MG/KG	SC-02311-S
	9.6	0.000	MG/KG	SC-02312-S
	5.7	0.000	MG/KG	SC-02312-C
	8.3	0.000	MG/KG	SC-02313-S
	6.9	0.000	MG/KG	SC-02314-S
	4.9	0.000	MG/KG	SC-02315-C
	13.7	0.480	MG/KG	SC-02315-S
	7.4	0.500	MG/KG	SC-02316-S
	7.1	0.490	MG/KG	SC-02317-S

5.0	0,510	MG/KG	SC-02318-C

CU023 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	UNITS	LOCATION_ID
ARSENIC CONT.				
	6.8	0.510	MG/KG	SC-02318-S
	6.3	0.490	MG/KG	SC-02319-S
	6.4	0.470	MG/KG	SC-02320-S
	7.7	0.500	MG/KG	SC-02321-C
	11.1	0.500	MG/KG	SC-02321-S
ARSENIC AVERAGE	~~8.480~~ 7.45 MGK 5.21.97		UG/KG	
CHROMIUM				
	32.0	0.000	MG/KG	SC-02301-S
	27.1	0.000	MG/KG	SC-02302-C
	24.9	0.000	MG/KG	SC-02302-S
	32.4	0.000	MG/KG	SC-02303-S
	31.9	0.000	MG/KG	SC-02304-S
	26.2	0.000	MG/KG	SC-02304-C
	26.5	0.000	MG/KG	SC-02305-S
	28.2	0.000	MG/KG	SC-02306-S
	26.8	0.000	MG/KG	SC-02306-C
	26.9	0.000	MG/KG	SC-02307-S
	24.1	0.000	MG/KG	SC-02308-S
	25.7	0.000	MG/KG	SC-02308-C
	30.9	0.000	MG/KG	SC-02309-S
	26.6	0.000	MG/KG	SC-02310-S
	26.7	0.000	MG/KG	SC-02310-C
	31.0	0.000	MG/KG	SC-02311-S
	27.1	0.000	MG/KG	SC-02312-S
	28.3	0.000	MG/KG	SC-02312-C
	28.2	0.000	MG/KG	SC-02313-S
	25.0	0.000	MG/KG	SC-02314-S
	22.9	0.000	MG/KG	SC-02315-C
	23.9	0.240	UG/KG	SC-02315-S
	23.0	0.250	UG/KG	SC-02316-S
	22.2	0.250	UG/KG	SC-02317-S
	24.3	0.260	UG/KG	SC-02318-S
	24.1	0.260	UG/KG	SC-02318-C
	24.1	0.250	UG/KG	SC-02319-S
	26.0	0.240	UG/KG	SC-02320-S
	23.5	0.250	UG/KG	SC-02321-C
	26.4	0.250	UG/KG	SC-02321-S
CHROMIUM AVERAGE	~~24.129~~ 26.53 MGK 5.21.97		UG/KG	

CU023 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	UNITS	LOCATION_ID
LEAD				
	12.1	0.000	MG/KG	SC-02301-S
	16.0	0.000	MG/KG	SC-02302-C
	9.7	0.000	MG/KG	SC-02302-S
	15.2	0.000	MG/KG	SC-02303-S
	20.0	0.000	MG/KG	SC-02304-S
	12.5	0.000	MG/KG	SC-02304-C
	12.6	0.000	MG/KG	SC-02305-S
	13.3	0.000	MG/KG	SC-02306-S
	17.4	0.000	MG/KG	SC-02306-C
	16.7	0.000	MG/KG	SC-02307-S
	15.4	0.000	MG/KG	SC-02308-S
	17.3	0.000	MG/KG	SC-02308-C
	18.6	0.000	MG/KG	SC-02309-S
	11.9	0.000	MG/KG	SC-02310-S
	12.8	0.000	MG/KG	SC-02310-C
	12.0	0.000	MG/KG	SC-02311-S
	28.3	0.000	MG/KG	SC-02312-S
	15.1	0.000	MG/KG	SC-02312-C
	15.7	0.000	MG/KG	SC-02313-S
	10.4	0.000	MG/KG	SC-02314-S
	15.3	0.000	MG/KG	SC-02315-C
	22.8	0.240	UG/KG	SC-02315-S
	14.7	0.250	UG/KG	SC-02316-S
	20.3	0.250	UG/KG	SC-02317-S
	15.2	0.260	UG/KG	SC-02318-S
	~~24.1~~ 17.3	0.260	UG/KG	SC-02318-C
	15.9 MGK 5.21.97	0.250	UG/KG	SC-02319-S
	15.6	0.240	UG/KG	SC-02320-S
	12.4	0.250	UG/KG	SC-02321-C
	23.1	0.250	UG/KG	SC-02321-S
LEAD AVERAGE	~~18.229~~ UG/KG 15.85 MGK 5.21.97			
THALLIUM				
	0.42	0.240	MG/KG	SC-02301-S
	0.37	0.230	MG/KG	SC-02302-C
	0.24	0.230	MG/KG	SC-02302-S
	0.36	0.240	MG/KG	SC-02303-S
	0.27	0.240	MG/KG	SC-02304-S
	0.25	0.250	MG/KG	SC-02304-C
	0.30	0.240	MG/KG	SC-02305-S
	0.25	0.240	MG/KG	SC-02306-S
	0.31	0.250	MG/KG	SC-02306-C
	0.25	0.250	MG/KG	SC-02307-S
	0.27	0.240	MG/KG	SC-02308-S
	0.24	0.240	MG/KG	SC-02308-C
	0.26	0.250	MG/KG	SC-02309-S
	0.13	0.250	MG/KG	SC-02310-S
	0.25	0.250	MG/KG	SC-02310-C
	0.30	0.250	MG/KG	SC-02311-S
	0.29	0.230	MG/KG	SC-02312-S
	0.41	0.250	MG/KG	SC-02312-C
	0.29	0.250	MG/KG	SC-02313-S
	0.12	0.240	MG/KG	SC-02314-S
	0.12	0.240	MG/KG	SC-02315-C
	0.36	0.240	UG/KG	SC-02315-S
	0.13	0.250	UG/KG	SC-02316-S
	0.13	0.250	UG/KG	SC-02317-S
	0.13	0.260	UG/KG	SC-02318-S

CU023 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	UNITS	LOCATION_ID
THALLIUM, CONT.				
	0.13	0.260	UG/KG	SC-02318-C
	0.13	0.250	UG/KG	SC-02319-S
	0.12	0.240	UG/KG	SC-02320-S
	0.24	0.250	UG/KG	SC-02321-C
	0.30	0.250	UG/KG	SC-02321-S
THALLIUM AVERAGE	**0.246 UG/KG**			
RADIUM-226				
	2.52	0.25	MG/KG	SC-02301-S
	2.34	0.30	MG/KG	SC-02302-C
	2.43	0.29	MG/KG	SC-02302-S
	2.25	0.45	MG/KG	SC-02303-S
	2.38	0.42	MG/KG	SC-02304-S
	1.63	0.43	MG/KG	SC-02304-C
	2.25	0.27	MG/KG	SC-02305-S
	2.09	0.28	MG/KG	SC-02306-S
	2.32	0.22	MG/KG	SC-02306-C
	1.97	0.27	MG/KG	SC-02307-S
	2.04	0.44	MG/KG	SC-02308-S
	1.97	0.31	MG/KG	SC-02308-C
	1.75	0.44	MG/KG	SC-02309-S
	2.13	0.32	MG/KG	SC-02310-S
	2.41	0.28	MG/KG	SC-02310-C
	2.29	0.30	MG/KG	SC-02311-S
	2.34	0.26	MG/KG	SC-02312-S
	2.09	0.23	MG/KG	SC-02312-C
	1.84	0.33	MG/KG	SC-02313-S
	2.09	0.24	MG/KG	SC-02314-S
	2.32	0.37	MG/KG	SC-02315-S
	1.84	0.40	MG/KG	SC-02315-C
	2.34	0.28	MG/KG	SC-02316-S
	1.62	0.40	MG/KG	SC-02317-S
	2.02	0.43	MG/KG	SC-02318-S
	1.70	0.30	MG/KG	SC-02318-C
	~~0.965~~ 0.83 mean 5.21.97	0.73	MG/KG	SC-02319-S
	2.04	0.25	MG/KG	SC-02320-S
	2.02	0.26	MG/KG	SC-02321-S
	1.91	0.34	MG/KG	SC-02321-C
RADIUM-226 AVERAGE	~~2.0 — 48~~ PCI/G 2.06 Mean 5.21.97			

CU023 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	UNITS	LOCATION_ID
RADIUM-228/THORIUM-232				
	1.41	0.44	MG/KG	SC-02301-S
	1.03	0.44	MG/KG	SC-02302-C
	1.02	0.46	MG/KG	SC-02302-S
	1.36	0.49	MG/KG	SC-02303-S
	0.62	1.23	MG/KG	SC-02304-S
	0.61	1.22	MG/KG	SC-02304-C
	1.19	0.35	MG/KG	SC-02305-S
	0.83	0.43	MG/KG	SC-02306-S
	0.88	0.49	MG/KG	SC-02306-C
	1.15	0.39	MG/KG	SC-02307-S
	1.80	0.42	MG/KG	SC-02308-S
	1.18	0.50	MG/KG	SC-02308-C
	1.57	0.67	MG/KG	SC-02309-S
	1.14	0.46	MG/KG	SC-02310-S
	1.21	0.39	MG/KG	SC-02310-C
	1.35	0.42	MG/KG	SC-02311-S
	1.16	0.60	MG/KG	SC-02312-S
	1.14	0.48	MG/KG	SC-02312-C
	1.02	0.49	MG/KG	SC-02313-S
	1.30	0.34	MG/KG	SC-02314-S
	1.37	0.44	MG/KG	SC-02315-S
	1.33	0.34	MG/KG	SC-02315-C
	1.18	0.53	MG/KG	SC-02316-S
	1.19	0.52	MG/KG	SC-02317-S
	1.43	0.26	MG/KG	SC-02318-S
	1.25	0.47	MG/KG	SC-02318-C
	0.625	1.25	MG/KG	SC-02319-S
	1.03	0.48	MG/KG	SC-02320-S
	1.04	0.50	MG/KG	SC-02321-S
	1.14	0.39	MG/KG	SC-02321-C
RADIUM-228 AVERAGE	1.151 PCI/G			
THORIUM-230				
	1.07	0.00	PCI/G	SC-02301-S
	1.32	0.00	PCI/G	SC-02302-C
	1.36	0.00	PCI/G	SC-02302-S
	1.37	0.00	PCI/G	SC-02303-S
	1.20	0.00	PCI/G	SC-02304-S
	1.11	0.00	PCI/G	SC-02304-C
	1.10	0.00	PCI/G	SC-02305-S
	1.25	0.00	PCI/G	SC-02306-S
	1.03	0.00	PCI/G	SC-02306-C
	1.19	0.00	PCI/G	SC-02307-S
	1.39	0.00	PCI/G	SC-02308-S
	1.15	0.00	PCI/G	SC-02308-C
	1.34	0.00	PCI/G	SC-02309-S
	1.19	0.00	PCI/G	SC-02310-S
	1.19	0.00	PCI/G	SC-02310-C
	1.21	0.00	PCI/G	SC-02311-S
	1.10	0.00	PCI/G	SC-02312-S
	1.18	0.00	PCI/G	SC-02312-C
	1.23	0.00	PCI/G	SC-02313-S
	1.28	0.00	PCI/G	SC-02314-S
	1.21	0.042	PCI/G	SC-02315-S
	1.01	0.034	PCI/G	SC-02315-C
	1.12	0.024	PCI/G	SC-02316-S
	1.29	0.039	PCI/G	SC-02317-S

CU023 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	UNITS	LOCATION_ID
THORIUM-230, CONT				
	1.32	0.038	PCI/G	SC-02318-S
	1.12	0.026	PCI/G	SC-02318-C
	1.31	0.038	PCI/G	SC-02319-S
	1.13	0.027	PCI/G	SC-02320-S
	1.19	0.023	PCI/G	SC-02321-S
	1.18	0.057	PCI/G	SC-02321-C
THORIUM-230 AVERAGE	**1.206 PCI/G**			
URANIUM-238				
	2.02	4.03	PCI/G	SC-02218-S
	2.30	4.60	PCI/G	SC-02219-S
	1.74	2.09	PCI/G	SC-02220-S
	2.06	4.12	PCI/G	SC-02221-S
	13.78	2.83	PCI/G	SC-02222-S
	14.82	3.29	PCI/G	SC-02223-S
	2.14	4.27	PCI/G	SC-02224-S
	1.88	3.76	PCI/G	SC-02301-S
	~~1.03~~	~~0.44~~	~~PCI/G~~	~~SC-02302-C~~ mgh 5-21-97
	1.53	3.06	PCI/G	SC-02302-S
	2.00	4.00	PCI/G	SC-02303-S
	2.04	4.08	PCI/G	SC-02304-S
	~~0.61~~	~~1.22~~	~~PCI/G~~	~~SC-02304-C~~ mgh 5.21.97
	1.55	3.10	PCI/G	SC-02305-S
	1.48	2.96	PCI/G	SC-02306-S
	~~0.89~~	~~0.49~~	~~PCI/G~~	~~SC-02306-C~~ mgh 5.21.97
	1.54	3.07	PCI/G	SC-02307-S
	2.24	4.48	PCI/G	SC-02308-S
	3.29	2.46	PCI/G	SC-02308-C
	2.02	4.03	PCI/G	SC-02309-S
	1.51	3.02	PCI/G	SC-02310-S
	~~1.21~~	~~0.39~~	~~PCI/G~~	~~SC-02310-C~~ mgh 5.21.97
	3.48	2.42	PCI/G	SC-02311-S
	2.13	4.26	PCI/G	SC-02312-S
	~~1.14~~	~~0.48~~	~~PCI/G~~	~~SC-02312-C~~ mgh 5.21.97
	1.57	3.13	PCI/G	SC-02313-S
	1.47	2.94	PCI/G	SC-02314-S
	1.97	3.94	PCI/G	SC-02315-S
	~~1.33~~	~~0.34~~	~~PCI/G~~	~~SC-02315-C~~ mgh 5-21-97
	1.51	3.02	PCI/G	SC-02316-S
	2.03	2.95	PCI/G	SC-02317-S
	2.10	4.11	PCI/G	SC-02318-S
	~~1.25~~	~~0.47~~	~~PCI/G~~	~~SC-02318-C~~ mgh 5.21.97
	2.02	4.04	PCI/G	SC-02319-S
	1.56	3.11	PCI/G	SC-02320-S
	1.58	3.15	PCI/G	SC-02321-S
	1.44	2.87	PCI/G	SC-02321-C

URANIUM-238 AVERAGE = 2.758 PCI/G

Weldon Spring Site Remedial Action Project
7295 Highway 94 South, St. Charles, Missouri, 63304

ES&H 1.2.1.1, Rev. 1, 03/96

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

SECTION I

1. Work Package Number: WP420 2. Date: 08-06-96 3. Review Form #: 96-028

4. Remediation Unit Number: RU006 5. Confirmation Unit Number: CU024 (map attached)

6. Contaminants of Concern: X U-238 X Th-230 X Th-232 X Ra-226 X Ra-228
___ TNT X PCB ___ PAH X As X Cr X Pb X Tl

7. Results average below ALARA goal(s)?	X Yes ___ No
8. All results below cleanup criteria?	X Yes ___ No
9. Any results greater than 3X criteria?	___ Yes X No
10. Hotspots present (less than 3X criteria)?	___ Yes X No

Parameter	Size	Concentration	Complies with Plan?
N/A			___ Yes ___ No
			___ Yes ___ No
			___ Yes ___ No
			___ Yes ___ No

11. Reviewer: Melvin H. Lutz Date: 8/6/96

12. Reviewer Disposition Recommendation: X Release for Unrestricted Use (Section II)
___ Additional Excavation Required (Section IV)
___ ALARA Committee Required (Section III)

SECTION II *Results are ALARA. CU is released for unrestricted use.*

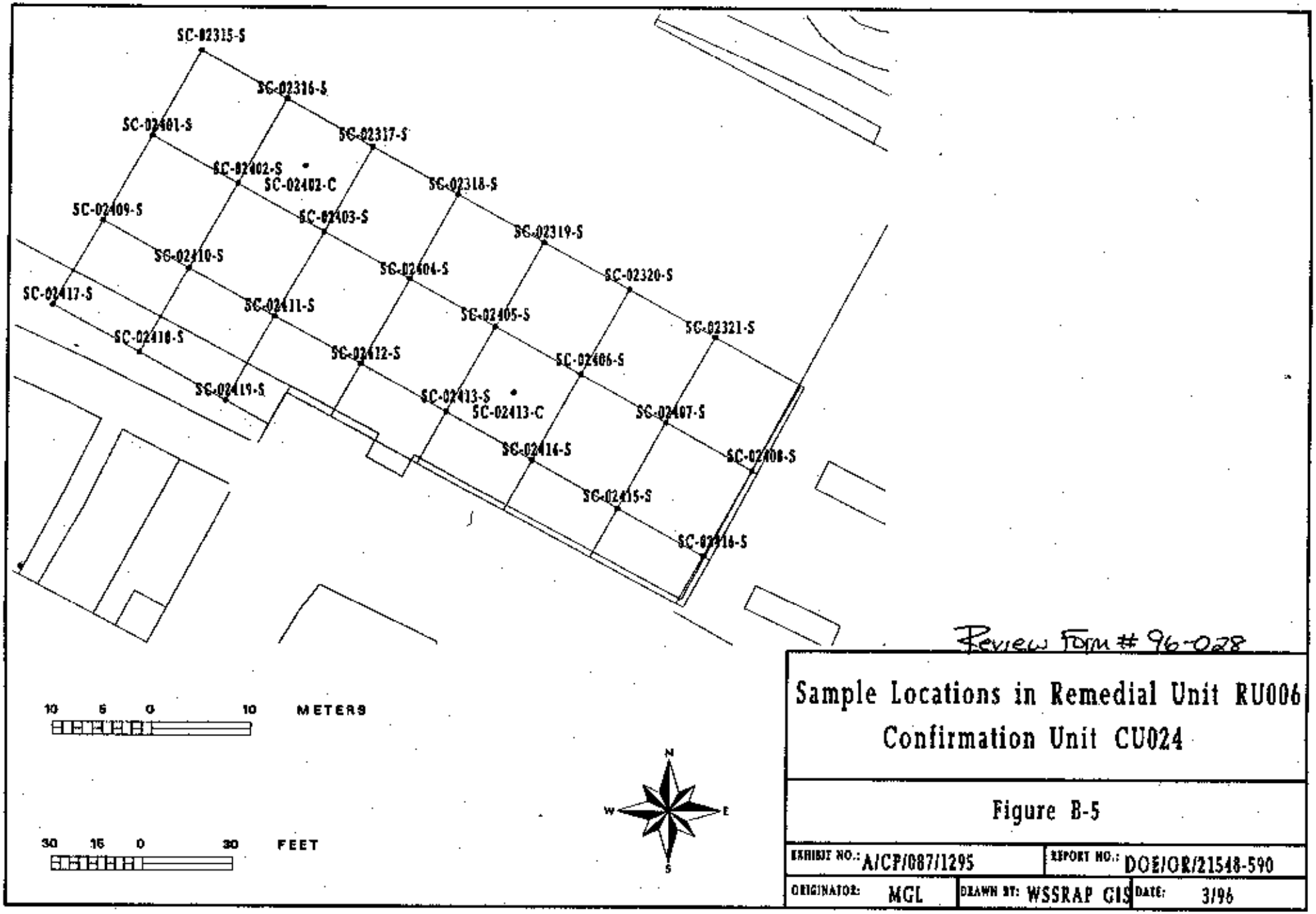
14. ES&H Manager: [signature] Date: 8/7/96

15. DOE Project Manager/Engineer: Thomas C. Parley Date: 8/7/96

16. Project Manager: Darrell L Capps (CG) Date: 8/7/96

17. Construction Engineer: [signature] (PM) Date: 8/7/96

SEE ATTACHED RESULTS AND MAP



Review Form # 96-028

Sample Locations in Remedial Unit RU006 Confirmation Unit CU024

Figure B-5

EXHIBIT NO.: A/CP/087/1295		REPORT NO.: DOE/OR/21548-590	
ORIGINATOR: MGL	DRAWN BY: WSSRAP GIS	DATE: 3/96	

CU024 DATA REPORT

PARAMETER	CONC	DL	LOCATION	UNITS
AROCLOR-1248	0.000	16.000	SC-02406-S	UG/KG
	0.000	16.000	SC-02408-S	UG/KG
	0.000	16.000	SC-02404-S	UG/KG
	0.000	18.000	SC-02409-S	UG/KG
	0.000	16.000	SC-02405-S	UG/KG
	0.000	16.000	SC-02407-S	UG/KG
	0.000	16.000	SC-02318-S	UG/KG
	0.000	16.000	SC-02403-S	UG/KG
	0.000	16.000	SC-02319-S	UG/KG
	0.000	16.000	SC-02315-S	UG/KG
	0.000	16.000	SC-02317-S	UG/KG
	0.000	16.000	SC-02401-S	UG/KG
	0.000	16.000	SC-02321-S	UG/KG
	0.000	16.000	SC-02320-S	UG/KG
	0.000	17.000	SC-02316-S	UG/KG
	0.000	17.000	SC-02402-C	UG/KG
	0.000	16.000	SC-02402-S	UG/KG
	0.000	17.000	SC-02412-S	UG/KG
	0.000	15.000	SC-02414-S	UG/KG
	0.000	16.000	SC-02413-C	UG/KG
	0.000	16.000	SC-02415-S	UG/KG
	0.000	16.000	SC-02418-S	UG/KG
	0.000	16.000	SC-02413-S	UG/KG
	0.000	15.000	SC-02416-S	UG/KG
	0.000	17.000	SC-02419-S	UG/KG
	0.000	16.000	SC-02417-S	UG/KG
	0.000	17.000	SC-02410-S	UG/KG
	0.000	16.000	SC-02411-S	UG/KG
AROCLOR-1248 AVERAGE		**0.000**		**UG/KG**
AROCLOR-1254	0.000	15.000	SC-02414-S	UG/KG
	0.000	16.000	SC-02417-S	UG/KG
	0.000	16.000	SC-02405-S	UG/KG
	0.000	16.000	SC-02404-S	UG/KG
	0.000	16.000	SC-02413-S	UG/KG
	0.000	16.000	SC-02408-S	UG/KG
	0.000	16.000	SC-02319-S	UG/KG
	0.000	17.000	SC-02412-S	UG/KG
	0.000	16.000	SC-02402-S	UG/KG
	0.000	17.000	SC-02410-S	UG/KG
	0.000	16.000	SC-02403-S	UG/KG
	0.000	16.000	SC-02401-S	UG/KG
	0.000	15.000	SC-02416-S	UG/KG
	12.000	16.000	SC-02320-S	UG/KG
	0.000	18.000	SC-02409-S	UG/KG
	0.000	16.000	SC-02406-S	UG/KG
	0.000	16.000	SC-02413-C	UG/KG
	0.000	17.000	SC-02316-S	UG/KG
	0.000	16.000	SC-02407-S	UG/KG
	0.000	16.000	SC-02321-S	UG/KG
	0.000	17.000	SC-02419-S	UG/KG
	0.000	17.000	SC-02402-C	UG/KG
	0.000	16.000	SC-02415-S	UG/KG
	0.000	16.000	SC-02411-S	UG/KG
	0.000	16.000	SC-02317-S	UG/KG
	15.000	16.000	SC-02318-S	UG/KG
	0.000	16.000	SC-02418-S	UG/KG
	0.000	16.000	SC-02315-S	UG/KG
AROCLOR-1254 AVERAGE		**0.964**		**UG/KG**

CU024 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION	UNITS
AROCLOR-1260	0.000	17.000	SC-02402-C	UG/KG
	0.000	15.000	SC-02414-S	UG/KG
	0.000	16.000	SC-02321-S	UG/KG
	0.000	16.000	SC-02317-S	UG/KG
	0.000	16.000	SC-02403-S	UG/KG
	0.000	16.000	SC-02417-S	UG/KG
	0.000	16.000	SC-02320-S	UG/KG
	0.000	16.000	SC-02318-S	UG/KG
	17.000	16.000	SC-02418-S	UG/KG
	0.000	16.000	SC-02402-S	UG/KG
	0.000	16.000	SC-02413-S	UG/KG
	0.000	16.000	SC-02315-S	UG/KG
	0.000	16.000	SC-02408-S	UG/KG
	0.000	16.000	SC-02405-S	UG/KG
	0.000	17.000	SC-02410-S	UG/KG
	0.000	17.000	SC-02316-S	UG/KG
	0.000	18.000	SC-02409-S	UG/KG
	0.000	16.000	SC-02404-S	UG/KG
	0.000	17.000	SC-02412-S	UG/KG
	0.000	17.000	SC-02419-S	UG/KG
	0.000	16.000	SC-02415-S	UG/KG
	0.000	16.000	SC-02413-C	UG/KG
	75.000	15.000	SC-02416-S	UG/KG
	0.000	16.000	SC-02401-S	UG/KG
	0.000	16.000	SC-02407-S	UG/KG
	0.000	16.000	SC-02411-S	UG/KG
	0.000	16.000	SC-02319-S	UG/KG
	0.000	16.000	SC-02406-S	UG/KG
AROCLOR-1260 AVERAGE		**3.286**		**UG/KG**
ARSENIC	11.100	0.490	SC-02405-S	MG/KG
	5.400	0.500	SC-02408-S	MG/KG
	4.300	0.490	SC-02413-S	MG/KG
	7.000	0.520	SC-02419-S	MG/KG
	8.000	0.480	SC-02417-S	MG/KG
	6.500	0.490	SC-02418-S	MG/KG
	5.100	0.470	SC-02414-S	MG/KG
	13.700	0.480	SC-02315-S	MG/KG
	9.000	0.520	SC-02402-C	MG/KG
	6.100	0.490	SC-02401-S	MG/KG
	6.800	0.510	SC-02318-S	MG/KG
	8.600	0.480	SC-02413-C	MG/KG
	7.800	0.510	SC-02404-S	MG/KG
	3.100	0.470	SC-02415-S	MG/KG
	3.100	0.460	SC-02416-S	MG/KG
	7.400	0.500	SC-02316-S	MG/KG
	6.300	0.490	SC-02319-S	MG/KG
	4.400	0.520	SC-02407-S	MG/KG
	11.100	0.510	SC-02402-S	MG/KG
	11.100	0.500	SC-02321-S	MG/KG
	8.400	0.510	SC-02411-S	MG/KG
	6.000	0.490	SC-02406-S	MG/KG
	6.400	0.470	SC-02320-S	MG/KG
	7.500	0.480	SC-02403-S	MG/KG
	6.400	0.550	SC-02409-S	MG/KG
	11.500	0.520	SC-02410-S	MG/KG
	8.500	0.510	SC-02412-S	MG/KG
	7.100	0.490	SC-02317-S	MG/KG
ARSENIC AVERAGE		**7.418**		**MG/KG**

CU024 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION	UNITS
CHROMIUM	28.600	0.260	SC-02419-S	MG/KG
	25.300	0.250	SC-02418-S	MG/KG
	30.300	0.240	SC-02417-S	MG/KG
	7.100	0.230	SC-02416-S	MG/KG
	24.400	0.230	SC-02415-S	MG/KG
	21.200	0.230	SC-02414-S	MG/KG
	24.800	0.250	SC-02413-S	MG/KG
	23.700	0.240	SC-02413-C	MG/KG
	29.500	0.260	SC-02412-S	MG/KG
	27.700	0.250	SC-02411-S	MG/KG
	33.100	0.260	SC-02410-S	MG/KG
	23.900	0.240	SC-02315-S	MG/KG
	23.000	0.250	SC-02316-S	MG/KG
	22.200	0.250	SC-02317-S	MG/KG
	24.300	0.260	SC-02318-S	MG/KG
	24.100	0.250	SC-02319-S	MG/KG
	25.000	0.240	SC-02320-S	MG/KG
	26.400	0.250	SC-02321-S	MG/KG
	22.000	0.250	SC-02401-S	MG/KG
	22.700	0.260	SC-02402-C	MG/KG
	26.200	0.250	SC-02402-S	MG/KG
	23.600	0.240	SC-02403-S	MG/KG
	25.400	0.260	SC-02404-S	MG/KG
	23.300	0.240	SC-02405-S	MG/KG
	24.000	0.240	SC-02406-S	MG/KG
	20.800	0.260	SC-02407-S	MG/KG
	22.500	0.250	SC-02408-S	MG/KG
	25.500	0.280	SC-02409-S	MG/KG
CHROMIUM AVERAGE		**24.307**		**MG/KG**
LEAD	15.300	0.250	SC-02411-S	MG/KG
	17.600	0.260	SC-02412-S	MG/KG
	20.000	0.240	SC-02413-C	MG/KG
	14.500	0.250	SC-02413-S	MG/KG
	10.300	0.230	SC-02414-S	MG/KG
	8.900	0.230	SC-02415-S	MG/KG
	14.600	0.230	SC-02416-S	MG/KG
	13.000	0.240	SC-02417-S	MG/KG
	15.200	0.250	SC-02418-S	MG/KG
	15.100	0.260	SC-02419-S	MG/KG
	14.300	0.260	SC-02404-S	MG/KG
	34.700	0.240	SC-02403-S	MG/KG
	16.600	0.250	SC-02402-S	MG/KG
	19.900	0.260	SC-02402-C	MG/KG
	15.400	0.250	SC-02401-S	MG/KG
	23.100	0.250	SC-02321-S	MG/KG
	15.600	0.240	SC-02320-S	MG/KG
	15.900	0.250	SC-02319-S	MG/KG
	15.200	0.260	SC-02318-S	MG/KG
	20.300	0.250	SC-02317-S	MG/KG
	14.700	0.250	SC-02316-S	MG/KG
	22.800	0.240	SC-02315-S	MG/KG
	14.200	0.250	SC-02408-S	MG/KG
	13.400	0.260	SC-02407-S	MG/KG
	16.700	0.240	SC-02406-S	MG/KG
	20.300	0.240	SC-02405-S	MG/KG
	12.500	0.280	SC-02409-S	MG/KG
	16.600	0.260	SC-02410-S	MG/KG
LEAD AVERAGE		**16.668**		**MG/KG**

CU024 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION	UNITS
RADIUM-226	2.340	0.280	SC-02316-S	PCI/G
	1.520	0.400	SC-02317-S	PCI/G
	2.200	0.300	SC-02404-S	PCI/G
	1.790	0.300	SC-02403-S	PCI/G
	2.040	0.360	SC-02402-S	PCI/G
MWH 5.21.97 0.84	~~0.370~~	0.740	SC-02410-S	PCI/G
	2.220	0.250	SC-02411-S	PCI/G
	2.220	0.320	SC-02412-S	PCI/G
	2.220	0.290	SC-02413-C	PCI/G
	1.610	0.370	SC-02413-S	PCI/G
	2.160	0.330	SC-02414-S	PCI/G
	2.430	0.240	SC-02415-S	PCI/G
	1.270	0.320	SC-02416-S	PCI/G
	2.130	0.300	SC-02417-S	PCI/G
	2.020	0.270	SC-02409-S	PCI/G
MWH 5.21.97 0.78	~~0.345~~	0.690	SC-02408-S	PCI/G
	2.160	0.310	SC-02407-S	PCI/G
MWH 5.21.97 0.83	~~0.365~~	0.730	SC-02406-S	PCI/G
	1.380	0.230	SC-02405-S	PCI/G
	2.040	0.300	SC-02418-S	PCI/G
	1.860	0.290	SC-02419-S	PCI/G
	2.160	0.270	SC-02402-C	PCI/G
	1.880	0.230	SC-02401-S	PCI/G
	2.020	0.260	SC-02321-S	PCI/G
	2.040	0.250	SC-02320-S	PCI/G
MWH 5.21.97 0.83	~~0.365~~	0.730	SC-02319-S	PCI/G
	2.020	0.430	SC-02318-S	PCI/G
	2.320	0.370	SC-02315-S	PCI/G
RADIUM-226 AVERAGE		~~1.768~~ PCI/G 1.83 MWH 5.21.97		
RADIUM-228	1.370	0.440	SC-02315-S	PCI/G
	1.180	0.530	SC-02316-S	PCI/G
	1.190	0.520	SC-02317-S	PCI/G
	1.430	0.260	SC-02318-S	PCI/G
	0.625	1.250	SC-02319-S	PCI/G
	1.030	0.480	SC-02320-S	PCI/G
	1.040	0.500	SC-02321-S	PCI/G
	0.600	1.200	SC-02401-S	PCI/G
	1.160	0.460	SC-02402-C	PCI/G
	0.730	0.650	SC-02402-S	PCI/G
	0.870	0.440	SC-02403-S	PCI/G
	1.140	0.560	SC-02404-S	PCI/G
	0.890	0.440	SC-02405-S	PCI/G
	1.240	0.410	SC-02406-S	PCI/G
	1.190	0.170	SC-02407-S	PCI/G
	0.860	0.600	SC-02408-S	PCI/G
	1.200	0.410	SC-02409-S	PCI/G
	1.170	0.450	SC-02410-S	PCI/G
	0.840	0.570	SC-02411-S	PCI/G
	1.360	0.260	SC-02412-S	PCI/G
	1.090	0.340	SC-02413-C	PCI/G
	1.000	0.490	SC-02413-S	PCI/G
	0.625	1.250	SC-02414-S	PCI/G
	0.910	0.400	SC-02415-S	PCI/G
	0.430	0.860	SC-02416-S	PCI/G
	1.470	0.490	SC-02417-S	PCI/G
	1.020	0.420	SC-02418-S	PCI/G
	1.110	0.470	SC-02419-S	PCI/G
RADIUM-228 AVERAGE		1.027 PCI/G		

CU024 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION	UNITS
THALLIUM	0.115	0.230	SC-02416-S	MG/KG
	0.115	0.230	SC-02415-S	MG/KG
	0.115	0.230	SC-02414-S	MG/KG
	0.125	0.250	SC-02413-S	MG/KG
	0.120	0.240	SC-02413-C	MG/KG
	0.330	0.260	SC-02412-S	MG/KG
	0.340	0.250	SC-02411-S	MG/KG
	0.360	0.260	SC-02410-S	MG/KG
	0.125	0.250	SC-02418-S	MG/KG
	0.260	0.240	SC-02417-S	MG/KG
	0.130	0.260	SC-02419-S	MG/KG
	0.120	0.240	SC-02403-S	MG/KG
	0.280	0.260	SC-02404-S	MG/KG
	0.120	0.240	SC-02405-S	MG/KG
	0.120	0.240	SC-02406-S	MG/KG
	0.130	0.260	SC-02407-S	MG/KG
	0.125	0.250	SC-02408-S	MG/KG
	0.140	0.280	SC-02409-S	MG/KG
	0.360	0.240	SC-02315-S	MG/KG
	0.125	0.250	SC-02316-S	MG/KG
	0.125	0.250	SC-02317-S	MG/KG
	0.130	0.260	SC-02318-S	MG/KG
	0.125	0.250	SC-02319-S	MG/KG
	0.120	0.240	SC-02320-S	MG/KG
	0.300	0.250	SC-02321-S	MG/KG
	0.125	0.250	SC-02401-S	MG/KG
	0.130	0.260	SC-02402-C	MG/KG
	0.125	0.250	SC-02402-S	MG/KG
THALLIUM AVERAGE		**0.173**		**PCI/G**
THORIUM-230	1.400	0.066	SC-02409-S	PCI/G
	1.220	0.056	SC-02408-S	PCI/G
	0.950	0.055	SC-02407-S	PCI/G
	1.240	0.049	SC-02406-S	PCI/G
	0.780	0.059	SC-02405-S	PCI/G
	1.350	0.074	SC-02404-S	PCI/G
	1.090	0.110	SC-02403-S	PCI/G
	1.250	0.066	SC-02402-S	PCI/G
	1.390	0.029	SC-02402-C	PCI/G
	1.350	0.025	SC-02401-S	PCI/G
	1.190	0.023	SC-02321-S	PCI/G
	1.020	0.034	SC-02413-S	PCI/G
	0.990	0.033	SC-02414-S	PCI/G
	1.160	0.045	SC-02415-S	PCI/G
	0.750	0.048	SC-02416-S	PCI/G
	1.210	0.042	SC-02417-S	PCI/G
	1.220	0.082	SC-02418-S	PCI/G
	1.310	0.093	SC-02419-S	PCI/G
	1.380	0.031	SC-02410-S	PCI/G
	1.050	0.035	SC-02411-S	PCI/G
	1.160	0.028	SC-02412-S	PCI/G
	1.180	0.030	SC-02413-C	PCI/G
	1.130	0.027	SC-02320-S	PCI/G
	1.310	0.027	SC-02319-S	PCI/G
	1.320	0.038	SC-02318-S	PCI/G
	1.290	0.039	SC-02317-S	PCI/G
	1.120	0.024	SC-02316-S	PCI/G
	1.210	0.042	SC-02315-S	PCI/G
THORIUM-230 AVERAGE		**1.179**		**PCI/G**

CU024 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION	UNITS
URANIUM-238	1.970	3.940	SC-02315-S	PCI/G
	1.510	3.020	SC-02316-S	PCI/G
	1.535	3.070	SC-02419-S	PCI/G
	2.030	2.950	SC-02317-S	PCI/G
	1.520	3.040	SC-02418-S	PCI/G
	2.055	4.110	SC-02318-S	PCI/G
	1.555	3.110	SC-02417-S	PCI/G
	1.665	3.330	SC-02416-S	PCI/G
	1.720	3.440	SC-02413-S	PCI/G
	1.575	3.150	SC-02321-S	PCI/G
	1.465	2.930	SC-02413-C	PCI/G
	2.020	4.040	SC-02319-S	PCI/G
	1.445	2.890	SC-02415-S	PCI/G
	1.555	3.110	SC-02320-S	PCI/G
	2.165	4.330	SC-02414-S	PCI/G
	5.260	3.060	SC-02409-S	PCI/G
	2.025	4.050	SC-02410-S	PCI/G
	1.510	3.020	SC-02402-C	PCI/G
	1.560	3.120	SC-02411-S	PCI/G
	1.865	3.730	SC-02412-S	PCI/G
	1.900	3.800	SC-02401-S	PCI/G
	2.020	4.040	SC-02402-S	PCI/G
	2.600	2.050	SC-02403-S	PCI/G
	1.990	3.980	SC-02404-S	PCI/G
	1.470	2.940	SC-02407-S	PCI/G
	1.925	3.850	SC-02408-S	PCI/G
	1.410	2.820	SC-02405-S	PCI/G
	1.865	3.730	SC-02406-S	PCI/G
URANIUM-238 AVERAGE		1.899 PCI/G		

Weldon Spring Site Remedial Action Project
7295 Highway 94 South, St. Charles, Missouri, 63304

ES&H-1.2.1, 12/95

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

SECTION I

1. Work Package Number: WP420 2. Date: 06.13.96 3. Review Form #: 96-015

4. Remediation Unit Number: RU006 5. Confirmation Unit Number: CU025 (map attached)

6. Contaminants of Concern: X U-238 X Th-230 X Th-232 X Ra-226 X Ra-228
____ TNT X PCB ____ PAH ____ As ____ Cr X Pb ____ Tl

7. Results average below ALARA goal(s)? Avg [TH230] = 10.4 pCi/g	____ Yes X No
8. All results below cleanup criteria?	____ Yes X No
9. Any results greater than 3X criteria?	X Yes ____ No
10. Hotspots present (less than 3X criteria)?	X Yes ____ No

Parameter	Size	Concentration	Complies with Plan?
TH 230	>100m²	Avg = 52.4 pCi/g	____ Yes X No
TH 230	>100m²	Avg = 52.4 pCi/g	____ Yes X No
TH 230	~75m²	7.03 pCi/g	____ Yes X No
			____ Yes ____ No

11. Reviewer: Melissa A Veith Date: 06.13.96

12. Reviewer Disposition Recommendation:
____ Release for Unrestricted Use (Section II)
X Additional Excavation Required (Section IV)
____ ALARA Committee Required (Section III)

SECTION II *Results are ALARA. CU is released for unrestricted use.*

14. ES&H Manager: _____ Date: _____

15. DOE Project Manager/Engineer: _____ Date: _____

16. Project Manager: _____ Date: _____

17. Construction Engineer: _____ Date: _____

SEE ATTACHED RESULTS AND MAP

Excavate 18 inches in areas shown on figure.

SOIL REMEDIATION DISPOSITION FORM

SECTION III *ALARA Committee (Average above ALARA)*

Confirmation unit status reports have been attached for the following contaminants of concern for which the average exceeds ALARA:

_____ U-238	_____ Th-230	_____ Th-232	_____ Ra-226	_____ RA-228	_____ TNT
_____ PAH	_____ As	_____ Cr	_____ Pb	_____ Tl	_____ PCB

Disposition Input: _____

Disposition Decision: _____ Backfill/Release for Unrestricted Use.
_____ Additional Excavation Required.
_____ Additional Samples to be Collected.

Vote ES&H Manager Date

Vote DOE Project Manager/Engineer Date

Vote Deputy Project Director - Operations Date

Vote Environmental Protection Manager Date

Vote Deputy Project Director - Environmental Date

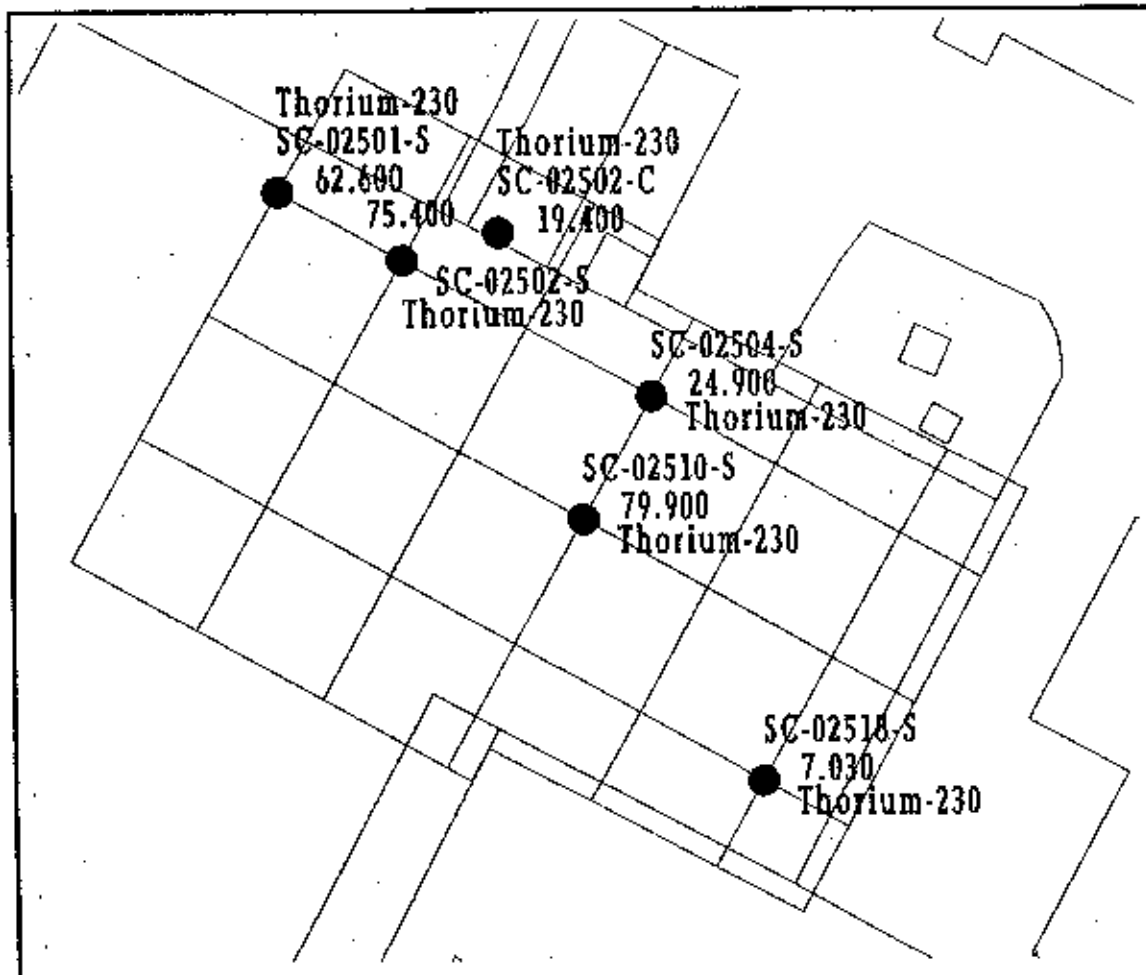
Construction Engineer Date

Project Director Date

Section IV *Results greater than 3X criteria or > hotspot rule, additional excavation automatically required.*

Project Manager: _____ Date: 6/13/96

Construction Engineer: Darrell L. Capps Date: 6/13/96



Sample Locations in Remedial Unit RU0 Confirmation Unit CU025

Figure 1

EXHIBIT NO.: A/CP/I/0596		REPORT NO.: DOE/OR/21548-590	
ORIGINATOR: MGL	DRAWN BY: WSSRAP GIS	DATE:	5/96

Weldon Spring Site Remedial Action Project
7295 Highway 94 South, St. Charles, Missouri, 63304

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

SECTION I

1. Work Package Number: WP420 2. Date: 06/18/96 3. Review Form #: 96-015a

4. Remediation Unit Number: RU006 5. Confirmation Unit Number: CU025 (map attached)

6. Contaminants of Concern: X U-238 X Th-230 X Th-232 X Ra-226 X Ra-228
___ TNT X PCB ___ PAH ___ As ___ Cr X Pb ___ Tl

7. Results average below ALARA goal(s)?	X Yes ___ No
8. All results below cleanup criteria?	X Yes ___ No
9. Any results greater than 3X criteria?	___ Yes X No
10. Hotspots present (less than 3X criteria)?	___ Yes X No

Parameter	Size	Concentration	Complies with Plan?
			___ Yes ___ No
			___ Yes ___ No
			___ Yes ___ No
			___ Yes ___ No

11. Reviewer: Melissa A Lisky Date: 6/18/96

12. Reviewer Disposition Recommendation: X Release for Unrestricted Use (Section II)
___ Additional Excavation Required (Section IV)
___ ALARA Committee Required (Section III)

SECTION II *Results are ALARA. CU is released for unrestricted use.*

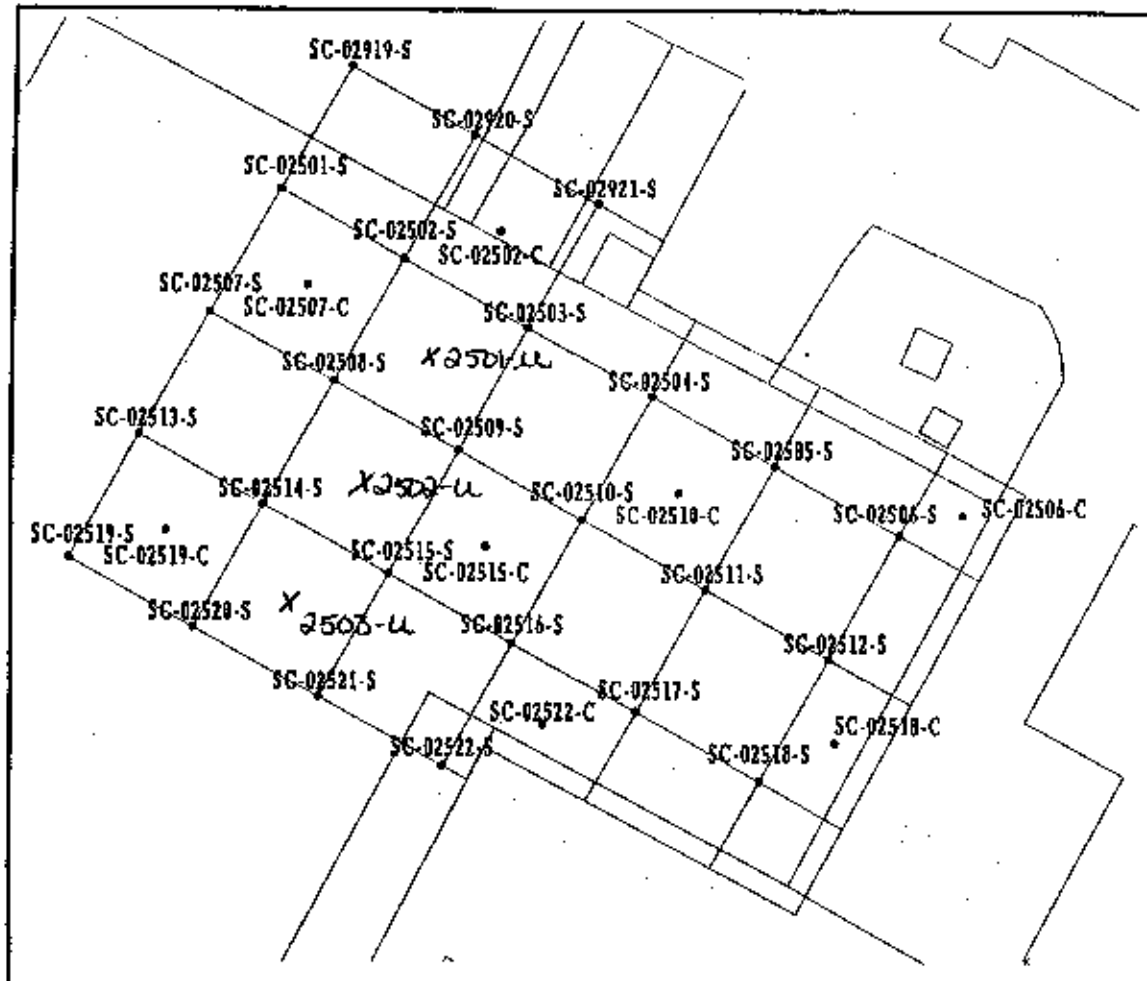
14. ES&H Manager: [signature] Date: 6/18/96

15. DOE Project Manager/Engineer: [signature] Date: 6/18/96

16. Project Manager: K O'Neil for Gary Beyer Date: 6/19/96

17. Construction Engineer: Darcee L. Capps Date: 6-18-96

SEE ATTACHED RESULTS AND MAP



Review Form # 96-015a
06/18/96

Sample Locations in Remedial Unit RU006 Confirmation Unit CU025

Figure B-6

EXHIBIT NO.: A/CP/088/1295		REPORT NO.: DOE/OR/21548-590	
ORIGINATOR: MGL	DRAWN BY: WSSRAP GIS	DATE: 3/96	

CU DATA REPORT

PARAMETER	CONCENTRA	DETECTION LIMIT	LOCATION
Aroclor-1016	0.000	36.000	SC-02506-S
	0.000	36.000	SC-02518-C
	0.000	38.000	SC-02505-S
	0.000	38.000	SC-02511-S
	0.000	45.000	SC-02522-S
	0.000	39.000	SC-02522-C
	0.000	36.000	SC-02517-S
	0.000	37.000	SC-02512-S
	0.000	44.000	SC-02519-C
	0.000	39.000	SC-02507-C
	0.000	39.000	SC-02516-S
	0.000	40.000	SC-02508-S
	0.000	44.000	SC-02510-S
	0.000	44.000	SC-02521-S
	0.000	39.000	SC-02509-S
	0.000	41.000	SC-02507-S
	0.000	37.000	SC-02510-C
	0.000	39.000	SC-02518-S
	0.000	35.000	SC-02506-C
	0.000	41.000	SC-02515-C
	0.000	41.000	SC-02519-S
	0.000	43.000	SC-02504-S
	0.000	39.000	SC-02515-S
	0.000	40.000	SC-02501-S
	0.000	40.000	SC-02514-S
	0.000	41.000	SC-02503-S
	0.000	41.000	SC-02502-S
	0.000	40.000	SC-02520-S
	0.000	37.000	SC-02513-S
	0.000	41.000	SC-02502-C
	AAAAAAAAA		
Aroclor-1016	0.000		
Aroclor-1221	0.000	38.000	SC-02505-S
	0.000	36.000	SC-02506-S
	0.000	35.000	SC-02506-C
	0.000	45.000	SC-02522-S
	0.000	39.000	SC-02516-S
	0.000	39.000	SC-02507-C
	0.000	39.000	SC-02509-S
	0.000	40.000	SC-02520-S
	0.000	43.000	SC-02504-S
	0.000	44.000	SC-02521-S
	0.000	37.000	SC-02512-S
	0.000	44.000	SC-02519-C
	0.000	37.000	SC-02510-C
	0.000	38.000	SC-02511-S
	0.000	40.000	SC-02501-S
	0.000	39.000	SC-02522-C
	0.000	36.000	SC-02517-S
	0.000	36.000	SC-02518-C

CU DATA REPORT

PARAMETER	CONCENTRA	DETECTION LIMIT	LOCATION
Aroclor-1221	0.000	39.000	SC-02518-S
	0.000	41.000	SC-02502-S
	0.000	41.000	SC-02519-S
	0.000	41.000	SC-02503-S
	0.000	41.000	SC-02507-S
	0.000	40.000	SC-02508-S
	0.000	44.000	SC-02510-S
	0.000	40.000	SC-02514-S
	0.000	39.000	SC-02515-S
	0.000	41.000	SC-02515-C
	0.000	41.000	SC-02502-C
	0.000	37.000	SC-02513-S
	AAAAAAAAA		
Aroclor-1221	0.000		
Aroclor-1232	0.000	36.000	SC-02517-S
	0.000	38.000	SC-02505-S
	0.000	35.000	SC-02506-C
	0.000	38.000	SC-02511-S
	0.000	45.000	SC-02522-S
	0.000	37.000	SC-02512-S
	0.000	39.000	SC-02518-S
	0.000	36.000	SC-02506-S
	0.000	44.000	SC-02510-S
	0.000	37.000	SC-02513-S
	0.000	40.000	SC-02501-S
	0.000	40.000	SC-02514-S
	0.000	41.000	SC-02503-S
	0.000	39.000	SC-02509-S
	0.000	41.000	SC-02507-S
	0.000	37.000	SC-02510-C
	0.000	40.000	SC-02508-S
	0.000	36.000	SC-02518-C
	0.000	39.000	SC-02522-C
	0.000	39.000	SC-02515-S
	0.000	41.000	SC-02515-C
	0.000	43.000	SC-02504-S
	0.000	39.000	SC-02516-S
	0.000	44.000	SC-02519-C
	0.000	40.000	SC-02520-S
	0.000	41.000	SC-02502-C
	0.000	41.000	SC-02519-S
	0.000	41.000	SC-02502-S
	0.000	39.000	SC-02507-C
	0.000	44.000	SC-02521-S
	AAAAAAAAA		
Aroclor-1232	0.000		
Aroclor-1242	0.000	35.000	SC-02506-C
	0.000	39.000	SC-02518-S
	0.000	39.000	SC-02522-C

CU DATA REPORT

PARAMETER	CONCENTRA	DETECTION LIMIT	LOCATION
Aroclor-1242	0.000	36.000	SC-02518-C
	0.000	36.000	SC-02517-S
	0.000	37.000	SC-02510-C
	0.000	38.000	SC-02511-S
	0.000	45.000	SC-02522-S
	0.000	44.000	SC-02519-C
	0.000	43.000	SC-02504-S
	0.000	39.000	SC-02509-S
	0.000	40.000	SC-02520-S
	0.000	44.000	SC-02521-S
	0.000	39.000	SC-02507-C
	0.000	37.000	SC-02512-S
	0.000	40.000	SC-02501-S
	0.000	38.000	SC-02505-S
	0.000	39.000	SC-02516-S
	0.000	36.000	SC-02506-S
	0.000	41.000	SC-02502-C
	0.000	41.000	SC-02519-S
	0.000	37.000	SC-02513-S
	0.000	41.000	SC-02507-S
	0.000	40.000	SC-02508-S
	0.000	44.000	SC-02510-S
	0.000	40.000	SC-02514-S
	0.000	39.000	SC-02515-S
	0.000	41.000	SC-02515-C
	0.000	41.000	SC-02502-S
	0.000	41.000	SC-02503-S
	AAAAAAAAA		
Aroclor-1242	0.000		
Aroclor-1248	0.000	35.000	SC-02506-C
	0.000	38.000	SC-02511-S
	0.000	36.000	SC-02518-C
	0.000	39.000	SC-02518-S
	0.000	45.000	SC-02522-S
	0.000	36.000	SC-02506-S
	0.000	37.000	SC-02510-C
	0.000	39.000	SC-02507-C
	0.000	37.000	SC-02513-S
	0.000	40.000	SC-02501-S
	0.000	40.000	SC-02514-S
	0.000	41.000	SC-02503-S
	0.000	39.000	SC-02515-S
	0.000	39.000	SC-02509-S
	0.000	41.000	SC-02507-S
	0.000	40.000	SC-02508-S
	0.000	39.000	SC-02522-C
	0.000	36.000	SC-02517-S
	0.000	37.000	SC-02512-S
	0.000	38.000	SC-02505-S
	0.000	41.000	SC-02515-C

CU DATA REPORT

PARAMETER	CONCENTRA	DETECTION LIMIT	LOCATION
Aroclor-1248	0.000	44.000	SC-02510-S
	0.000	39.000	SC-02516-S
	0.000	44.000	SC-02519-C
	0.000	40.000	SC-02520-S
	0.000	41.000	SC-02502-C
	0.000	41.000	SC-02519-S
	0.000	41.000	SC-02502-S
	0.000	44.000	SC-02521-S
	0.000	43.000	SC-02504-S
	AAAAAAAAA		
Aroclor-1248	0.000		
Aroclor-1254	0.000	39.000	SC-02515-S
	0.000	40.000	SC-02514-S
	0.000	41.000	SC-02503-S
	0.000	41.000	SC-02515-C
	0.000	37.000	SC-02513-S
	0.000	40.000	SC-02508-S
	0.000	41.000	SC-02507-S
	0.000	39.000	SC-02507-C
	0.000	41.000	SC-02519-S
	0.000	39.000	SC-02509-S
	0.000	38.000	SC-02505-S
	91.000	41.000	SC-02502-C
	0.000	41.000	SC-02502-S
	0.000	37.000	SC-02512-S
	0.000	39.000	SC-02516-S
	0.000	36.000	SC-02517-S
	0.000	38.000	SC-02511-S
	0.000	40.000	SC-02501-S
	0.000	43.000	SC-02504-S
	0.000	44.000	SC-02519-C
	0.000	44.000	SC-02521-S
	0.000	44.000	SC-02510-S
	0.000	40.000	SC-02520-S
	0.000	39.000	SC-02522-C
	0.000	36.000	SC-02518-C
	0.000	35.000	SC-02506-C
	0.000	45.000	SC-02522-S
	0.000	36.000	SC-02506-S
	0.000	39.000	SC-02518-S
	0.000	37.000	SC-02510-C
	AAAAAAAAA		
Aroclor-1254	3.033		
Aroclor-1260	0.000	38.000	SC-02511-S
	0.000	41.000	SC-02515-C
	0.000	39.000	SC-02509-S
	0.000	35.000	SC-02506-C
	0.000	39.000	SC-02515-S
	0.000	37.000	SC-02510-C

CU DATA REPORT

PARAMETER	CONCENTRA	DETECTION LIMIT	LOCATION
Aroclor-1260	0.000	44.000	SC-02510-S
	0.000	39.000	SC-02507-C
	0.000	41.000	SC-02503-S
	0.000	44.000	SC-02521-S
	0.000	41.000	SC-02502-S
	0.000	36.000	SC-02506-S
	0.000	44.000	SC-02519-C
	0.000	40.000	SC-02514-S
	0.000	38.000	SC-02505-S
	0.000	41.000	SC-02502-C
	0.000	37.000	SC-02513-S
	0.000	39.000	SC-02516-S
	0.000	40.000	SC-02501-S
	0.000	39.000	SC-02518-S
	0.000	36.000	SC-02517-S
	0.000	40.000	SC-02508-S
	0.000	41.000	SC-02519-S
	0.000	40.000	SC-02520-S
	0.000	45.000	SC-02522-S
	0.000	43.000	SC-02504-S
	0.000	41.000	SC-02507-S
	0.000	36.000	SC-02518-C
	0.000	39.000	SC-02522-C
	0.000	37.000	SC-02512-S
	AAAAAAAAA		
Aroclor-1260	0.000		
Lead	17.800	0.150	SC-02515-C
	19.500	0.130	SC-02506-C
	11.000	0.130	SC-02518-C
	15.400	0.140	SC-02508-S
	14.700	0.160	SC-02521-S
	17.800	0.160	SC-02519-C
	20.500	0.140	SC-02518-S
	17.300	0.140	SC-02522-C
	16.700	0.150	SC-02502-C
	13.100	0.160	SC-02510-S
	12.200	0.140	SC-02510-C
	16.900	0.130	SC-02517-S
	17.600	0.140	SC-02514-S
	17.500	0.160	SC-02504-S
	17.100	0.150	SC-02501-S
	18.500	0.150	SC-02519-S
	15.600	0.140	SC-02516-S
	14.100	0.160	SC-02522-S
	13.900	0.140	SC-02509-S
	26.600	0.140	SC-02515-S
	13.800	0.150	SC-02520-S
	24.700	0.140	SC-02507-C
	22.500	0.150	SC-02507-S
	18.700	0.130	SC-02513-S

/12/96

CU DATA REPORT

PARAMETER	CONCENTRA	DETECTION LIMIT	LOCATION
Lead	15.100	0.150	SC-02502-S
	13.000	0.130	SC-02506-S
	15.000	0.140	SC-02511-S
	18.400	0.150	SC-02503-S
	14.000	0.130	SC-02512-S
	14.400	0.140	SC-02505-S
	AAAAAAAAA		
Lead	~~16.780~~ 16.94	MGh 5.22.97	
Percent Moisture	10.300	0.000	SC-02513-S
	10.740	0.000	SC-02512-S
	7.330	0.000	SC-02506-S
	17.050	0.000	SC-02508-S
	24.060	0.000	SC-02510-S
	16.160	0.000	SC-02516-S
	11.430	0.000	SC-02510-C
	19.840	0.000	SC-02502-C
	15.750	0.000	SC-02522-C
	5.680	0.000	SC-02506-C
	25.340	0.000	SC-02519-C
	18.910	0.000	SC-02507-S
	15.390	0.000	SC-02507-C
	18.040	0.000	SC-02520-S
	19.350	0.000	SC-02503-S
	18.990	0.000	SC-02502-S
	9.080	0.000	SC-02517-S
	16.650	0.000	SC-02514-S
	16.350	0.000	SC-02515-S
	18.780	0.000	SC-02519-S
	25.670	0.000	SC-02521-S
	25.760	0.000	SC-02522-S
	14.390	0.000	SC-02518-S
	13.640	0.000	SC-02511-S
	20.120	0.000	SC-02515-C
	17.350	0.000	SC-02501-S
	8.490	0.000	SC-02518-C
	13.550	0.000	SC-02505-S
	14.070	0.000	SC-02509-S
	23.880	0.000	SC-02504-S
	AAAAAAAAA		
Percent Moisture	16.405		
RADIUM-226	0.950	0.190	SC-02508-S
	0.370	0.740	SC-02507-S
	1.310	0.330	SC-02506-S
	1.040	0.250	SC-02522-C
	1.030	0.290	SC-02509-S
	1.140	0.360	SC-02517-S
	1.060	0.430	SC-02507-C
	1.110	0.340	SC-02510-S
	1.020	0.370	SC-02522-S

See also last page. This page has the ~~last~~ 3 utility samples.

CU DATA REPORT

PARAMETER	CONCENTRA	DETECTION LIMIT	LOCATION
RADIUM-226	0.790	0.390	SC-02503-S
	1.220	0.290	SC-02511-S
	1.260	0.250	SC-02502-S
	0.750	0.270	SC-02519-C
	1.190	0.300	SC-02506-C
	0.850	0.320	SC-02501-S
	0.970	0.350	SC-02519-S
	0.870	0.290	SC-02514-S
	0.990	0.350	SC-02513-S
	0.930	0.330	SC-02502-C
	1.050	0.250	SC-02504-S
	1.180	0.260	SC-02518-C
	0.940	0.420	SC-02510-C
	0.990	0.290	SC-02516-S
	0.910	0.260	SC-02515-S
	1.150	0.300	SC-02512-S
	1.020	0.360	SC-02518-S
	1.030	0.290	SC-02520-S
	1.100	0.240	SC-02515-C
	0.410	0.820	SC-02521-S
	1.040	0.350	SC-02505-S
	AAAAAAAAA		
RADIUM-226	0.989		
RADIUM-228	1.100	0.410	SC-02516-S
	1.200	0.430	SC-02502-S
	1.320	0.360	SC-02519-S
	1.110	0.670	SC-02501-S
	1.370	0.540	SC-02513-S
	1.380	0.490	SC-02506-S
	0.660	1.320	SC-02518-S
	0.655	1.310	SC-02517-S
	1.510	0.590	SC-02503-S
	1.270	0.380	SC-02507-S
	1.220	0.350	SC-02520-S
	1.000	0.390	SC-02518-C
	0.910	0.500	SC-02512-S
	0.625	1.250	SC-02508-S
	0.555	1.110	SC-02505-S
	1.140	0.350	SC-02514-S
	1.330	0.280	SC-02515-C
	1.320	0.590	SC-02521-S
	1.350	0.380	SC-02509-S
	0.635	1.270	SC-02510-C
	1.270	0.390	SC-02519-C
	1.190	0.440	SC-02511-S
	1.300	0.450	SC-02504-S
	1.170	0.460	SC-02515-S
	1.250	0.450	SC-02506-C
	0.620	1.240	SC-02510-S
	1.170	0.480	SC-02522-S

CU DATA REPORT

PARAMETER	CONCENTRA	DETECTION LIMIT	LOCATION
RADIUM-228	0.960	0.670	SC-02502-C
	0.600	1.200	SC-02507-C
	1.100	0.430	SC-02522-C
	AAAAAAAAA		
RADIUM-228	~~1.076~~ 1.1		mgk 5.22.97
Thorium-230	0.640	0.040	SC-02506-C
	0.530	0.050	SC-02510-C
	~~19.400~~	0.220	SC-02502-C *
	2.160	0.170	SC-02515-S
	0.400	0.090	SC-02517-S
	3.830	0.120	SC-02515-C
	3.020	0.170	SC-02514-S
	0.870	0.070	SC-02505-S
	0.470	0.090	SC-02512-S
	~~62.600~~	0.340	SC-02501-S *
	2.720	0.240	SC-02516-S
	0.280	0.100	SC-02511-S
	1.590	0.140	SC-02509-S
	1.960	0.160	SC-02507-S
	4.170	0.150	SC-02508-S
	4.120	0.150	SC-02522-S
	4.510	0.120	SC-02507-C
	~~7.030~~	0.060	SC-02518-S *
	~~24.900~~	0.210	SC-02504-S *
	1.770	0.260	SC-02503-S
	0.420	0.050	SC-02506-S
	~~79.900~~	0.160	SC-02510-S *
	0.550	0.060	SC-02522-C
	~~75.400~~	0.200	SC-02502-S *
	1.850	0.180	SC-02513-S
	0.500	0.050	SC-02518-C
	1.560	0.170	SC-02521-S
	0.790	0.110	SC-02520-S
	2.590	0.140	SC-02519-C
	1.860	0.160	SC-02519-S
	AAAAAAAAA		
Thorium-230	~~10.413~~ 1.98		
URANIUM-238	1.520	3.040	SC-02509-S ✓
	1.535	3.070	SC-02515-C ✓
	2.075	4.150	SC-02503-S ✓
	1.940	3.880	SC-02513-S ✓
	1.930	3.860	SC-02510-C ✓
	1.570	3.140	SC-02519-S ✓
	1.825	3.650	SC-02518-S ✓
	1.455	2.910	SC-02518-C ✓
	1.560	3.120	SC-02522-S ✓
	1.490	2.980	SC-02515-S ✓
	2.025	4.050	SC-02507-S ✓
	1.595	3.190	SC-02506-C ✓

See also last page. This average includes the 3 wt, 1 this.

* These values have been replaced by those on page 10.

CU DATA REPORT

PARAMETER	CONCENTRA	DETECTION LIMIT	LOCATION
URANIUM-238	1.590	3.180	SC-02920-S
	1.520	3.040	SC-02502-S✓
	2.110	4.220	SC-02517-S✓
	2.140	2.220	SC-02519-C✓
	1.840	3.680	SC-02521-S✓
	1.555	3.110	SC-02514-S✓
	3.540	3.030	SC-02919-S
	1.980	2.460	SC-02522-C✓
	1.480	2.960	SC-02511-S✓
	1.975	3.950	SC-02505-S✓
	2.040	4.080	SC-02510-S✓
	3.140	2.400	SC-02921-S
	2.060	4.120	SC-02502-C✓
	2.085	4.170	SC-02508-S✓
	1.560	3.120	SC-02520-S✓
	1.840	3.680	SC-02504-S✓
	1.975	3.950	SC-02501-S✓
	1.810	3.620	SC-02507-C✓
	1.520	3.040	SC-02512-S✓
	1.970	3.940	SC-02506-S✓
	1.570	3.140	SC-02516-S✓
	AAAAAAAAA		
URANIUM-238	~~1.873~~ 1.86		mak 5-22-97
	AAAAAAAAA		
	3.875		

See last page which has the 3 utility samples.

Sample ID	Parameter	Conc	Units	Request
SC-02501-S-RS-SD	Thorium 230	2.71	pCi/g	WP089
SC-02502-C-RS-SD	Thorium 230	2.50	pCi/g	WP089
SC-02502-S-RS-SD	Thorium 230	2.71	pCi/g	WP089
SC-02504-S-RS-SD	Thorium 230	2.65	pCi/g	WP089
SC-02510-S-RS-SD	Thorium 230	2.98	pCi/g	WP089
SC-02518-S-RS-SD	Thorium 230	2.70	pCi/g	WP089

New Th230 Avg = 1.98 pCi/g

Sample ID	Parameter	Conc	Units	Request
SC-02501-U	Uranium 238	<3.19	pCi/g	WP083
SC-02501-U	Radium 226	2.34	pCi/g	WP083
SC-02501-U	Radium228	1.29	pCi/g	WP083
SC-02501-U	Thorium 230	2.35	pCi/g	QT1382
SC-02501-U	Lead	17.0	mg/kg	QT1382
SC-02501-U	PCB	ND	mg/kg	QT1382
SC-02502-U	Uranium 238	<3.77	pCi/g	WP083
SC-02502-U	Radium 226	1.97	pCi/g	WP083
SC-02502-U	Radium228	1.40	pCi/g	WP083
SC-02502-U	Thorium 230	1.69	pCi/g	QT1382
SC-02502-U	Lead	15.0	mg/kg	QT1382
SC-02502-U	PCB	ND	mg/kg	QT1382
SC-02503-U	Uranium 238	<3.00	pCi/g	WP083
SC-02503-U	Radium 226	2.41	pCi/g	WP083
SC-02503-U	Radium228	1.19	pCi/g	WP083
SC-02503-U	Thorium 230	1.91	pCi/g	QT1382
SC-02503-U	Lead	23.6	mg/kg	QT1382
SC-02503-U	PCB	ND	mg/kg	QT1382

Weldon Spring Site Remedial Action Project
7295 Highway 94 South, St. Charles, Missouri, 63304

ES&H 1.2.1.1, Rev. 1, 03/96

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

SECTION I

1. Work Package Number: WP4120 2. Date: 7/2/96 3. Review Form #: 96-0116a

4. Remediation Unit Number: RU0016 5. Confirmation Unit Number: CU0216 (map attached)

6. Contaminants of Concern: X U-238 X Th-230 X Th-232 X Ra-226 X Ra-228
   ___ TNT X PCB ___ PAH ___ As ___ Cr X Pb ___ Tl

7. Results average below ALARA goal(s)?	X Yes ___ No
8. All results below cleanup criteria?	X Yes ___ No
9. Any results greater than 3X criteria?	___ Yes X No
10. Hotspots present (less than 3X criteria)?	___ Yes X No

Parameter	Size	Concentration	Complies with Plan?
✓			___ Yes ___ No
			___ Yes ___ No
N/A			___ Yes ___ No
✓			___ Yes ___ No

11. Reviewer: Mel A Lisby Date: 7/2/96

12. Reviewer Disposition Recommendation: X Release for Unrestricted Use (Section II)
___ Additional Excavation Required (Section IV)
___ ALARA Committee Required (Section III)

SECTION II ***Results are ALARA. CU is released for unrestricted use.***

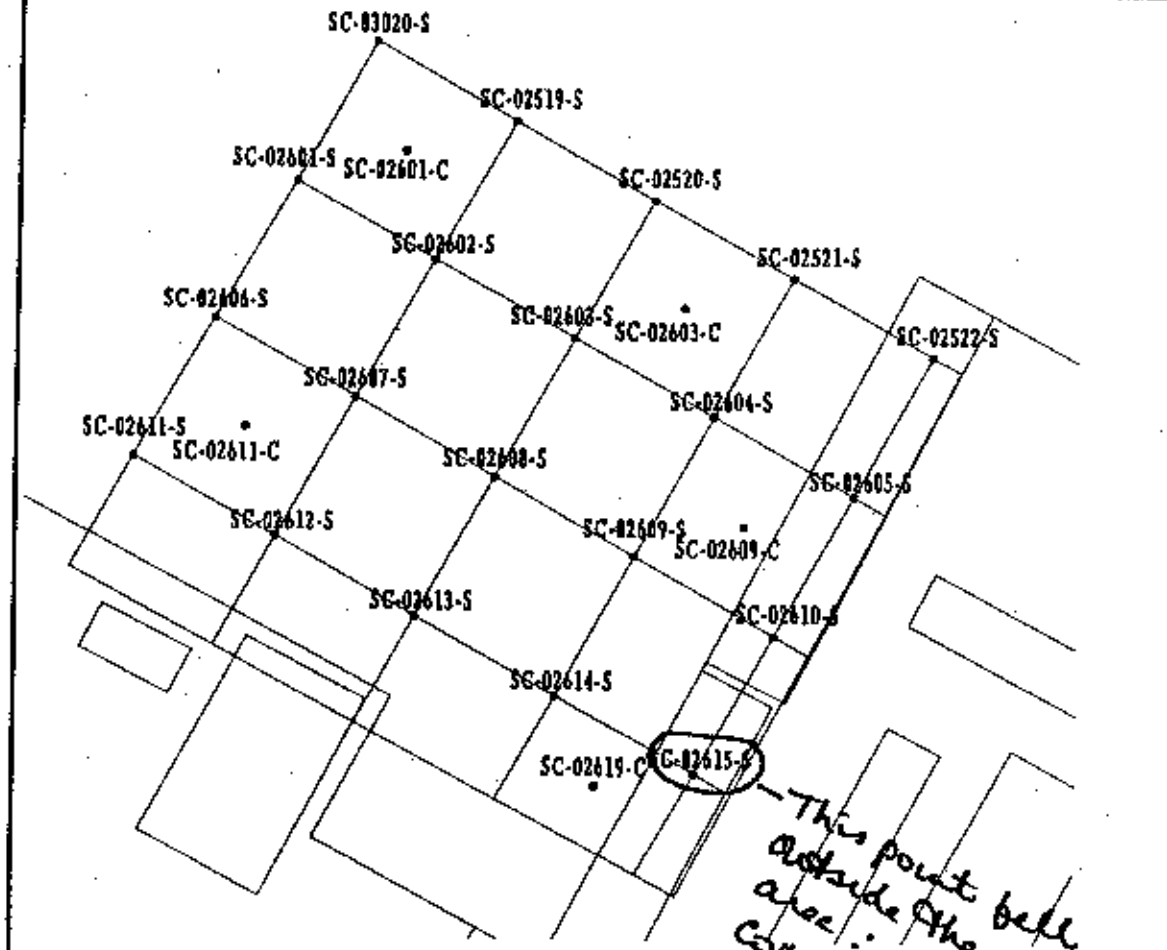
14. ES&H Manager: [signature] Date: 7/2/96

15. DOE Project Manager/Engineer: Thomas C. Dauling Date: 7/2/96

16. Project Manager: [signature] Date: 7/2/96

17. Construction Engineer: Darrell L Cope Date: 7/2/96

SEE ATTACHED RESULTS AND MAP



Review Form: 96-0166

Sample Locations in Remedial Unit RU006
Confirmation Unit CU026

Figure B-7

EXHIBIT NO.: A/CP/089/1295		REPORT NO.: DOE/OR/21548-590	
ORIGINATOR: MGL	DRAWN BY: WSSRAP GIS	DATE: 3/96	

Confirmation Unit 26 Results

SAMPLE ID	CONC.	UNITS	REQUEST #
U238			
SC-03020-S	ND	PCI/G	WP082
SC-02519-S	ND	PCI/G	WP081
SC-02520-S	ND	PCI/G	WP081
SC-02521-S	ND	PCI/G	WP081
SC-02522-S	ND	PCI/G	WP082
SC-02601-S	ND	PCI/G	WP082
SC-02602-S	ND	PCI/G	WP082
SC-02603-S	ND	PCI/G	WP082
SC-02603-C	ND	PCI/G	WP082
SC-02604-S	ND	PCI/G	WP082
SC-02605-S	ND	PCI/G	WP082
SC-02606-S	ND	PCI/G	WP082
SC-02607-S	ND	PCI/G	WP082
SC-02608-S	ND	PCI/G	WP082
SC-02609-S	ND	PCI/G	WP082
SC-02609-C	ND	PCI/G	WP082
SC-02610-S	2.50	PCI/G	WP082
SC-02611-S	ND	PCI/G	WP082
SC-02611-C	ND	PCI/G	WP082
SC-02612-S	ND	PCI/G	WP082
SC-02613-S	ND	PCI/G	WP082
SC-02614-S	ND	PCI/G	WP082
SC-02615-S	NA		
Ra226			
SC-03020-s	2.04	PCI/G	WP082
SC-02519-S	2.20	PCI/G	WP081
SC-02520-S	2.34	PCI/G	WP081
SC-02521-S	ND	PCI/G	WP081
SC-02522-S	2.32	PCI/G	WP082
SC-02601-S	1.77	PCI/G	WP082
SC-02601-C	2.13	PCI/G	WP082
SC-02602-S	2.20	PCI/G	WP082

SC-02603-S	2.16	PCI/G	WP082
SC-02603-C	2.81	PCI/G	WP082
SC-02604-S	2.70	PCI/G	WP082
SC-02606-S	2.45	PCI/G	WP082
SC-02607-S	1.95	PCI/G	WP082
SC-02608-S	2.16	PCI/G	WP082
SC-02609-S	2.29	PCI/G	WP082
SC-02609-C	2.25	PCI/G	WP082
SC-02611-S	3.11	PCI/G	WP082
SC-02611-C	2.25	PCI/G	WP082
SC-02612-S	2.32	PCI/G	WP082
SC-02613-S	2.36	PCI/G	WP082
SC-02614-S	2.91	PCI/G	WP082
SC-02615-S	NA	-	-
SC-02619-C	2.47	PCI/G	WP082
Ra228			
SC-03020-S	ND	PCI/G	WP082
SC-02519-S	1.32	PCI/G	WP081
SC-02520-S	1.22	PCI/G	WP081
SC-02521-S	1.32	PCI/G	WP081
SC-02522-S	1.17	PCI/G	WP074
SC-02601-S	1.00	PCI/G	WP082
SC-02601-C	ND	PCI/G	WP082
SC-02602-S	1.28	PCI/G	WP082
SC-02603-S	0.93	PCI/G	WP082
SC-02603-C	1.60	PCI/G	WP082
SC-02604-S	1.24	PCI/G	WP082
SC-02606-S	1.44	PCI/G	WP082
SC-02607-S	1.58	PCI/G	WP082
SC-02608-S	1.16	PCI/G	WP082
SC-02609-S	ND	PCI/G	WP082
SC-02609-C	1.12	PCI/G	WP082
SC-02611-S	ND	PCI/G	WP082
SC-02611-C	1.51	PCI/G	WP082
SC-02612-S	0.99	PCI/G	WP082
SC-02613-S	1.28	PCI/G	WP082

SC-02614-S	1.48	PCI/G	WP082
SC-02615-S	NA	-	-
SC-02619-C	1.45	PCI/G	WP082
Thorium 230			
SC-03020-S	1.71	PCI/G	QT1381
SC-02519-S	1.86	PCI/G	QT1380
SC-02520-S	0.79	PCI/G	QT1380
SC-02521-S	1.56	PCI/G	QT1380
SC-02522-S	4.12	PCI/G	QT1381
SC-02601-S	0.61	PCI/G	QT1406
SC-02601-C	1.33	PCI/G	QT1381
SC-02602-S	0.88	PCI/G	QT1381
SC-02603-S	1.45	PCI/G	QT1381
SC-02603-C	3.12	PCI/G	QT1406
SC-02604-S	2.64	PCI/G	QT1381
SC-02606-S	0.68	PCI/G	QT1381
SC-02607-S	1.32	PCI/G	QT1406
SC-02608-S	1.48	PCI/G	QT1381
SC-02609-S	1.27	PCI/G	QT1381
SC-02609-C	1.48	PCI/G	QT1406
SC-02611-S	0.54	PCI/G	QT1381
SC-02611-C	0.90	PCI/G	QT1381
SC-02612-S	1.28	PCI/G	QT1381
SC-02613-S	0.67	PCI/G	QT1381
SC-02614-S	0.80	PCI/G	QT1381
SC-02615-S	NA	-	-
SC-02619-C	1.86	PCI/G	QT1381
Th232			
SC-03020-S	ND	PCI/G	WP082
SC-02519-S	1.35	PCI/G	WP081
SC-02520-S	1.25	PCI/G	WP081
SC-02521-S	1.35	PCI/G	WP081
SC-02522-S	1.20	PCI/G	WP082
SC-02601-S	1.02	PCI/G	WP082
SC-02601-C	ND	PCI/G	WP082
SC-02602-S	1.31	PCI/G	WP082

SC-02603-S	0.95	PCI/G	WP082
SC-02603-C	1.64	PCI/G	WP082
SC-02604-S	1.27	PCI/G	WP082
SC-02606-S	1.48	PCI/G	WP082
SC-02607-S	1.62	PCI/G	WP082
SC-02608-S	1.19	PCI/G	WP082
SC-02609-S	ND	PCI/G	WP082
SC-02609-C	1.15	PCI/G	WP082
SC-02611-S	ND	PCI/G	WP082
SC-02611-C	1.55	PCI/G	WP082
SC-02612-S	1.01	PCI/G	WP082
SC-02613-S	1.31	PCI/G	WP082
SC-02614-S	1.52	PCI/G	WP082
SC-02615-S	NA	-	-
SC-02619-C	1.49	PCI/G	WP082
Pb			
SC-03020-S	17.4	MG/G	QT1381
SC-02519-S	18.5	MG/G	QT1380
SC-02520-S	13.8	MG/G	QT1380
SC-02521-S	14.7	MG/G	QT1380
SC-02522-S	14.1	MG/G	QT1381
SC-02601-S	16.5	MG/G	QT1381
SC-02601-C	16.9	MG/G	QT1381
SC-02602-S	29.8	MG/G	QT1381
SC-02603-S	19.6	MG/G	QT1381
SC-02603-C	10.3	MG/G	QT1381
SC-02604-S	13.9	MG/G	QT1381
SC-02606-S	11.0	MG/G	QT1381
SC-02607-S	17.3	MG/G	QT1381
SC-02608-S	10.5	MG/G	QT1381
SC-02609-S	13.2	MG/G	QT1381
SC-02609-C	10.5	MG/G	QT1381
SC-02611-S	15.9	MG/G	QT1381
SC-02611-C	10.0	MG/G	QT1381
SC-02612-S	13.3	MG/G	QT1381
SC-02613-S	18.1	MG/G	QT1381

SC-02614-S	16.3	MG/G	QT1381
SC-02615-S	NA	-	-
SC-02619-C	17.9	MG/G	QT1381
PCB			
SC-03020-S	ND	MG/KG	QT1381
SC-02519-S	ND	MG/KG	QT1380
SC-02520-S	ND	MG/KG	QT1380
SC-02521-S	ND	MG/KG	QT1380
SC-02522-S	ND	MG/KG	QT1381
SC-02601-S	ND	MG/KG	QT1381
SC-02601-C	ND	MG/KG	QT1381
SC-02602-S	ND	MG/KG	QT1381
SC-02603-S	ND	MG/KG	QT1381
SC-02603-C	ND	MG/KG	QT1381
SC-02604-S	ND	MG/KG	QT1381
SC-02606-S	ND	MG/KG	QT1381
SC-02607-S	ND	MG/KG	QT1381
SC-02608-S	ND	MG/KG	QT1381
SC-02609-S	ND	MG/KG	QT1381
SC-02611-S	ND	MG/KG	QT1381
SC-02611-C	ND	MG/KG	QT1381
SC-02612-S	ND	MG/KG	QT1381
SC-02613-S	ND	MG/KG	QT1381
SC-02614-S	ND	MG/KG	QT1381
SC-02615-S	NA	-	-
SC-02619-C	ND	MG/KG	QT1381

Note: SC-02615-S fell outside the controlled area and therefore no sample was collected.

Sample ID	Parameter	Conc	Units	Request
SC-02601-U	Uranium 238	<3.83	pCi/g	WP087
SC-02601-U	Radium 226	2.59	pCi/g	WP087
SC-02601-U	Radium228	<1.24	pCi/g	WP087
SC-02601-U	Thorium 230	0.70	pCi/g	QT1390
SC-02601-U	Thorium 232	<1.24	pCi/g	WP087
SC-02601-U	Lead	22.6	mg/kg	QT1390
SC-02601-U	PCB	ND	mg/kg	QT1390
SC-02602-U	Uranium 238	<3.91	pCi/g	WP087
SC-02602-U	Radium 226	2.36	pCi/g	WP087
SC-02602-U	Radium228	1.42	pCi/g	WP087
SC-02602-U	Thorium 230	1.46	pCi/g	QT1390
SC-02602-U	Thorium 232	1.46	pCi/g	WP087
SC-02602-U	Lead	16.5	mg/kg	QT1390
SC-02602-U	PCB	ND	mg/kg	QT1390
SC-02603-U	Uranium 238	<4.11	pCi/g	WP087
SC-02603-U	Radium 226	2.09	pCi/g	WP087
SC-02603-U	Radium228	1.28	pCi/g	WP087
SC-02603-U	Thorium 230	1.31	pCi/g	QT1390
SC-02603-U	Thorium 232	1.31	pCi/g	WP087
SC-02603-U	Lead	15.5	mg/kg	QT1390
SC-02603-U	PCB	ND	mg/kg	QT1390
SC-02604-U	Uranium 238	<2.98	pCi/g	WP087
SC-02604-U	Radium 226	1.86	pCi/g	WP087
SC-02604-U	Radium228	1.18	pCi/g	WP087
SC-02604-U	Thorium 230	1.64	pCi/g	QT1390
SC-02604-U	Thorium 232	1.21	pCi/g	WP087
SC-02604-U	Lead	17.7	mg/kg	QT1390
SC-02604-U	PCB	ND	mg/kg	QT1390
SC-02605-U	Uranium 238	<3.91	pCi/g	WP087
SC-02605-U	Radium 226	2.22	pCi/g	WP087
SC-02605-U	Radium228	<1.14	pCi/g	WP087
SC-02605-U	Thorium 230	1.50	pCi/g	QT1390
SC-02605-U	Thorium 232	<1.14	pCi/g	WP087
SC-02605-U	Lead	24.6	mg/kg	QT1390
SC-02605-U	PCB	ND	mg/kg	QT1390
SC-02606-U	Uranium 238	<3.12	pCi/g	WP087
SC-02606-U	Radium 226	2.36	pCi/g	WP087
SC-02606-U	Radium228	<0.86	pCi/g	WP087
SC-02606-U	Thorium 230	0.92	pCi/g	QT1390
SC-02606-U	Thorium 232	<0.86	pCi/g	WP087
SC-02606-U	Lead	15.0	mg/kg	QT1390
SC-02606-U	PCB	ND	mg/kg	QT1390
SC-02607-U	Uranium 238	<4.18	pCi/g	WP087
SC-02607-U	Radium 226	2.95	pCi/g	WP087
SC-02607-U	Radium228	1.19	pCi/g	WP087
SC-02607-U	Thorium 230	1.08	pCi/g	QT1390
SC-02607-U	Thorium 232	1.22	pCi/g	WP087
SC-02607-U	Lead	22.9	mg/kg	QT1390
SC-02607-U	PCB	ND	mg/kg	QT1390
SC-02608-U	Uranium 238	<3.00	pCi/g	WP087
SC-02608-U	Radium 226	2.13	pCi/g	WP087
SC-02608-U	Radium228	<1.22	pCi/g	WP087
SC-02608-U	Thorium 230	0.85	pCi/g	QT1390
SC-02608-U	Thorium 232	1.25	pCi/g	WP087
SC-02608-U	Lead	22.3	mg/kg	QT1390
SC-02608-U	PCB	ND	mg/kg	QT1390
SC-02609-U	Uranium 238	<3.13	pCi/g	WP087
SC-02609-U	Radium 226	2.41	pCi/g	WP087
SC-02609-U	Radium228	1.14	pCi/g	WP087
SC-02609-U	Thorium 230	0.97	pCi/g	QT1390
SC-02609-U	Thorium 232	1.17	pCi/g	WP087
SC-02609-U	Lead	15.7	mg/kg	QT1390
SC-02609-U	PCB	ND	mg/kg	QT1390
SC-02610-U	Uranium 238	<3.94	pCi/g	WP087
SC-02610-U	Radium 226	2.25	pCi/g	WP087
SC-02610-U	Radium228	1.33	pCi/g	WP087
SC-02610-U	Thorium 230	1.29	pCi/g	QT1390
SC-02610-U	Thorium 232	1.36	pCi/g	WP087
SC-02610-U	Lead	23.1	mg/kg	QT1390
SC-02610-U	PCB	ND	mg/kg	QT1390
SC-02611-U	Uranium 238	<3.86	pCi/g	WP087
SC-02611-U	Radium 226	2.43	pCi/g	WP087
SC-02611-U	Radium228	1.28	pCi/g	WP087
SC-02611-U	Thorium 230	1.05	pCi/g	QT1390
SC-02611-U	Thorium 232	1.31	pCi/g	WP087
SC-02611-U	Lead	13.4	mg/kg	QT1390
SC-02611-U	PCB	ND	mg/kg	QT1390
SC-02612-U	Uranium 238	<3.09	pCi/g	WP087
SC-02612-U	Radium 226	2.52	pCi/g	WP087
SC-02612-U	Radium228	1.15	pCi/g	WP087
SC-02612-U	Thorium 230	1.44	pCi/g	QT1390
SC-02612-U	Thorium 232	1.18	pCi/g	WP087
SC-02612-U	Lead	22.6	mg/kg	QT1390
SC-02612-U	PCB	ND	mg/kg	QT1390

Review Form: 96-0166

Weldon Spring Site Remedial Action Project
7295 Highway 94 South, St. Charles, Missouri, 63304

ES&H 1.2.1.1, Rev. 1, 03/96

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

SECTION I

1. Work Package Number: WP4420 2. Date: 7/2/96 3. Review Form #: 96-0180

4. Remediation Unit Number: RU006 5. Confirmation Unit Number: CU027 (map attached)

6. Contaminants of Concern: X U-238 X Th-230 X Th-232 X Ra-226 X Ra-228
   ___ TNT X PCB ___ PAH ___ As ___ Cr X Pb ___ Tl

7. Results average below ALARA goal(s)?	X Yes ___ No
8. All results below cleanup criteria?	X Yes ___ No
9. Any results greater than 3X criteria?	___ Yes X No
10. Hotspots present (less than 3X criteria)?	___ Yes X No

Parameter	Size	Concentration	Complies with Plan?
N/A			___ Yes ___ No
			___ Yes ___ No
			___ Yes ___ No
			___ Yes ___ No

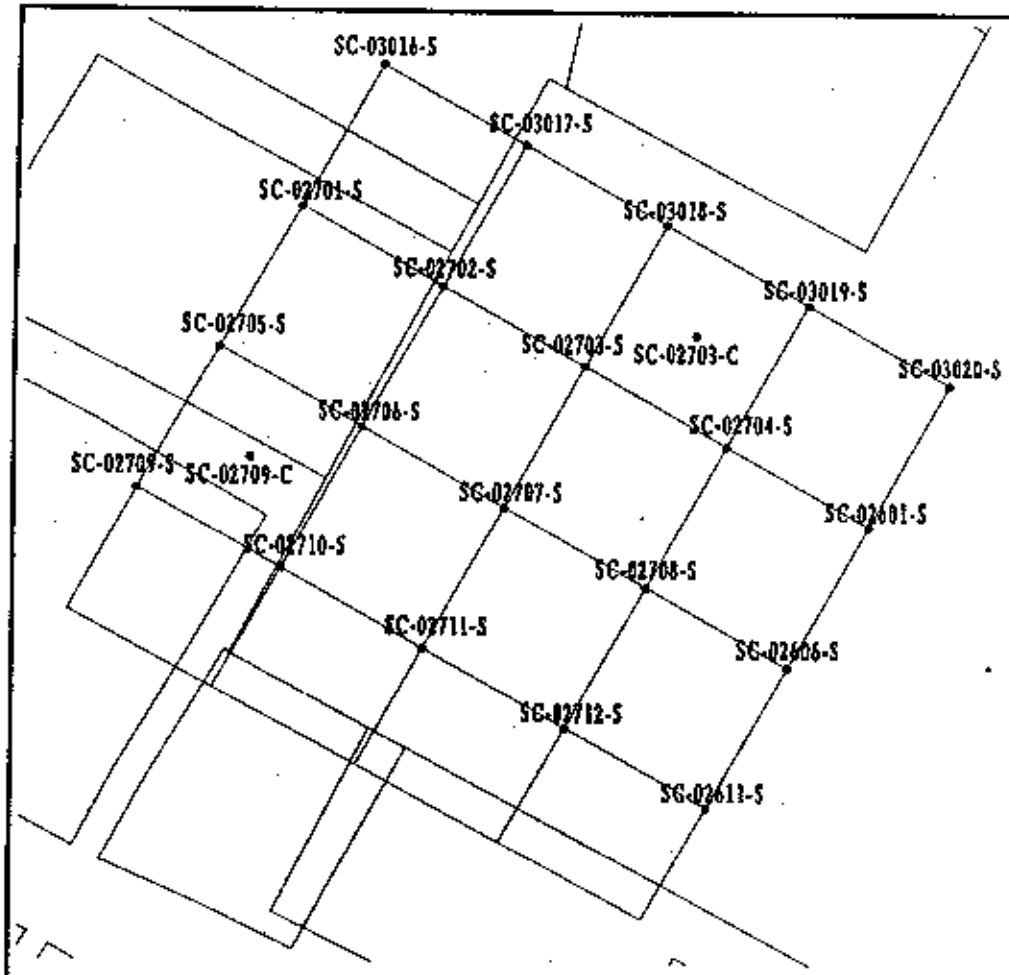
11. Reviewer: Mel A Lisby Date: 7/2/96

12. Reviewer Disposition Recommendation: X Release for Unrestricted Use (Section II)
    ___ Additional Excavation Required (Section IV)
    ___ ALARA Committee Required (Section III)

SECTION II ***Results are ALARA. CU is released for unrestricted use.***

14. ES&H Manager: [signature] Date: 7/2/96
15. DOE Project Manager/Engineer: Thomas C. Fanley Date: 7/2/96
16. Project Manager: [signature] Date: 7/2/96
17. Construction Engineer: Darrell L Cope Date: 7/2/96

SEE ATTACHED RESULTS AND MAP



10 5 0 10 METERS

30 15 0 30 FEET

N E S

Redrew From: 96-018a.

Sample Locations in Remedial Unit RU006
Confirmation Unit CU027

Figure B-8

EXHIBIT NO.: A/CP/090/1295		REPORT NO.: DOE/OR/21548-590	
ORIGINATOR: MGL	DRAWN BY: WSSRAP GIS	DATE: 3/96	

CU DATA REPORT

PARAMETER	CONCENTRA LIMIT	DETECTION LIMIT	LOCATION
Aroclor-1016	0.000	40.000	SC-02703-S
	0.000	40.000	SC-03019-S
	0.000	45.000	SC-02611-S
	0.000	39.000	SC-03020-S
	0.000	48.000	SC-03017-S
	0.000	42.000	SC-03016-S
	0.000	39.000	SC-02703-C
	0.000	48.000	SC-02702-S
	0.000	41.000	SC-02707-S
	0.000	42.000	SC-03018-S
	0.000	44.000	SC-02705-S
	0.000	42.000	SC-02710-S
	0.000	41.000	SC-02601-S
	0.000	41.000	SC-02701-S
	0.000	39.000	SC-02711-S
	0.000	47.000	SC-02706-S
	0.000	40.000	SC-02606-S
	0.000	43.000	SC-02709-C
	0.000	42.000	SC-02708-S
	0.000	40.000	SC-02709-S
	0.000	43.000	SC-02712-S
	0.000	41.000	SC-02704-S
	AAAAAAAAA		
Aroclor-1016	0.000		
Aroclor-1221	0.000	42.000	SC-03018-S
	0.000	39.000	SC-03020-S
	0.000	41.000	SC-02601-S
	0.000	48.000	SC-03017-S
	0.000	45.000	SC-02611-S
	0.000	42.000	SC-03016-S
	0.000	40.000	SC-03019-S
	0.000	39.000	SC-02703-C
	0.000	40.000	SC-02709-S
	0.000	40.000	SC-02703-S
	0.000	43.000	SC-02712-S
	0.000	48.000	SC-02702-S
	0.000	41.000	SC-02701-S

	0.000	41.000	SC-02707-S
	0.000	47.000	SC-02706-S
	0.000	44.000	SC-02705-S
	0.000	42.000	SC-02710-S
	0.000	40.000	SC-02606-S
	0.000	41.000	SC-02704-S
	0.000	42.000	SC-02708-S
	0.000	43.000	SC-02709-C
	0.000	39.000	SC-02711-S
	AAAAAAAAA		
Aroclor-1221	0.000		
Aroclor-1232	0.000	40.000	SC-03019-S

CU DATA REPORT

PARAMETER	CONCENTRA LIMIT	DETECTION LIMIT	LOCATION
Aroclor-1232	0.000	40.000	SC-02703-S
	0.000	48.000	SC-03017-S
	0.000	42.000	SC-03018-S
	0.000	45.000	SC-02611-S
	0.000	41.000	SC-02601-S
	0.000	41.000	SC-02707-S
	0.000	39.000	SC-02703-C
	0.000	40.000	SC-02709-S
	0.000	42.000	SC-03016-S
	0.000	40.000	SC-02606-S
	0.000	42.000	SC-02710-S
	0.000	42.000	SC-02708-S
	0.000	41.000	SC-02704-S
	0.000	43.000	SC-02709-C
	0.000	39.000	SC-02711-S
	0.000	48.000	SC-02702-S
	0.000	43.000	SC-02712-S
	0.000	47.000	SC-02706-S
	0.000	39.000	SC-03020-S
	0.000	41.000	SC-02701-S
	0.000	44.000	SC-02705-S
	AAAAAAAAA		
Aroclor-1232	0.000		
Aroclor-1242	0.000	42.000	SC-02710-S
	0.000	41.000	SC-02707-S
	0.000	45.000	SC-02611-S
	0.000	39.000	SC-02711-S
	0.000	40.000	SC-02709-S
	0.000	41.000	SC-02701-S
	0.000	44.000	SC-02705-S
	0.000	48.000	SC-03017-S
	0.000	48.000	SC-02702-S
	0.000	39.000	SC-02703-C
	0.000	42.000	SC-02708-S
	0.000	42.000	SC-03018-S
	0.000	42.000	SC-03016-S
	0.000	40.000	SC-02703-S

	0.000	40.000	SC-02606-S
	0.000	41.000	SC-02704-S
	0.000	39.000	SC-03020-S
	0.000	43.000	SC-02712-S
	0.000	41.000	SC-02601-S
	0.000	40.000	SC-03019-S
	0.000	47.000	SC-02706-S
	0.000	43.000	SC-02709-C
AAAAAAAAA			
Aroclor-1242	0.000		
Aroclor-1248	0.000	39.000	SC-02703-C
	0.000	43.000	SC-02712-S

CU DATA REPORT

PARAMETER	CONCENTRA LIMIT	DETECTION LIMIT	LOCATION
Aroclor-1248	0.000	42.000	SC-02710-S
	0.000	42.000	SC-03018-S
	0.000	40.000	SC-02709-S
	0.000	45.000	SC-02611-S
	0.000	41.000	SC-02707-S
	0.000	40.000	SC-02703-S
	0.000	39.000	SC-03020-S
	0.000	48.000	SC-02702-S
	0.000	42.000	SC-02708-S
	0.000	43.000	SC-02709-C
	0.000	40.000	SC-03019-S
	0.000	47.000	SC-02706-S
	0.000	41.000	SC-02601-S
	0.000	44.000	SC-02705-S
	0.000	39.000	SC-02711-S
	0.000	42.000	SC-03016-S
	0.000	41.000	SC-02701-S
	0.000	41.000	SC-02704-S
	0.000	48.000	SC-03017-S
	0.000	40.000	SC-02606-S
	AAAAAAAAA		
Aroclor-1248	0.000		
Aroclor-1254	0.000	41.000	SC-02707-S
	0.000	41.000	SC-02601-S
	0.000	43.000	SC-02712-S
	0.000	48.000	SC-02702-S
	0.000	42.000	SC-03016-S
	40.000	39.000	SC-02703-C
	0.000	40.000	SC-02606-S
	0.000	40.000	SC-02703-S
	0.000	39.000	SC-03020-S
	0.000	42.000	SC-02710-S
	0.000	42.000	SC-03018-S
	0.000	45.000	SC-02611-S
	0.000	41.000	SC-02701-S
	0.000	39.000	SC-02711-S
	0.000	44.000	SC-02705-S

	0.000	48.000	SC-03017-S
	0.000	41.000	SC-02704-S
	0.000	40.000	SC-02709-S
	0.000	47.000	SC-02706-S
	0.000	40.000	SC-03019-S
	0.000	43.000	SC-02709-C
	0.000	42.000	SC-02708-S
	AAAAAAAAA		
Aroclor-1254	1.818		
Aroclor-1260	0.000	44.000	SC-02705-S
	0.000	47.000	SC-02706-S
	0.000	40.000	SC-02709-S

CU DATA REPORT

PARAMETER	CONCENTRA LIMIT	DETECTION LIMIT	LOCATION
Aroclor-1260	0.000	41.000	SC-02704-S
	0.000	39.000	SC-02703-C
	0.000	41.000	SC-02701-S
	0.000	48.000	SC-03017-S
	0.000	40.000	SC-03019-S
	0.000	42.000	SC-03018-S
	0.000	40.000	SC-02703-S
	0.000	41.000	SC-02601-S
	0.000	43.000	SC-02712-S
	0.000	41.000	SC-02707-S
	0.000	39.000	SC-02711-S
	0.000	48.000	SC-02702-S
	0.000	42.000	SC-02710-S
	0.000	42.000	SC-03016-S
	0.000	45.000	SC-02611-S
	0.000	43.000	SC-02709-C
	0.000	42.000	SC-02708-S
	0.000	39.000	SC-03020-S
	0.000	40.000	SC-02606-S
	AAAAAAAAA		
Aroclor-1260	0.000		
Lead	19.200	0.150	SC-02704-S
	15.900	0.160	SC-02611-S
	25.300	0.150	SC-02707-S
	23.400	0.150	SC-03016-S
	11.200	0.180	SC-03017-S
	22.900	0.140	SC-03019-S
	19.400	0.150	SC-03018-S
	13.000	0.150	SC-02701-S
	17.400	0.140	SC-03020-S
	24.900	0.180	SC-02702-S
	20.400	0.140	SC-02711-S
	15.700	0.150	SC-02709-C
	18.300	0.150	SC-02708-S
	34.200	0.170	SC-02706-S
	17.600	0.160	SC-02705-S
	11.000	0.150	SC-02606-S

	23.800	0.150	SC-02710-S
	18.300	0.150	SC-02703-S
	18.400	0.140	SC-02703-C
	15.200	0.160	SC-02712-S
	16.500	0.150	SC-02601-S
	18.600	0.150	SC-02709-S
	AAAAAAAAA		
Lead	~~19.118~~ 19.78		This average corrected to reflect the utility samples (last page). MHH 5.21.97
Percent Moisture	18.070	0.000	SC-02709-S
	30.100	0.000	SC-02706-S
	25.320	0.000	SC-02705-S
	18.720	0.000	SC-02704-S

CU DATA REPORT

PARAMETER	CONCENTRA	DETECTION LIMIT	LOCATION
Percent Moisture	18.160	0.000	SC-02703-S
	16.220	0.000	SC-02703-C
	18.370	0.000	SC-02707-S
	21.970	0.000	SC-02709-C
	20.900	0.000	SC-02708-S
	18.610	0.000	SC-02701-S
	21.500	0.000	SC-02710-S
	26.540	0.000	SC-02611-S
	32.250	0.000	SC-03017-S
	22.770	0.000	SC-02712-S
	16.450	0.000	SC-02711-S
	19.220	0.000	SC-02601-S
	16.780	0.000	SC-03019-S
	22.240	0.000	SC-03018-S
	18.320	0.000	SC-02606-S
	15.820	0.000	SC-03020-S
	32.300	0.000	SC-02702-S
	21.570	0.000	SC-03016-S
	AAAAAAAAA		
Percent Moisture	21.464		
RADIUM-226	2.660	0.260	SC-02701-S
	2.070	0.300	SC-02703-C
	1.750	0.250	SC-02703-S
	2.090	0.340	SC-02704-S
	1.610	0.340	SC-02702-S
	2.160	0.270	SC-03018-S
	2.130	0.240	SC-03019-S
	1.910	0.280	SC-02705-S
	2.000	0.260	SC-03017-S
	2.040	0.360	SC-03020-S
	2.220	0.210	SC-02709-C
	1.770	0.360	SC-02601-S
	2.570	0.310	SC-02708-S
0.85	~~0.375~~	0.750	SC-03016-S
mdn	2.450	0.260	SC-02606-S
5.21.97	2.070	0.230	SC-02706-S
	2.180	0.360	SC-02707-S

	2.220	0.350	SC-02709-S
	2.270	0.340	SC-02710-S
	2.250	0.300	SC-02711-S
	2.470	0.240	SC-02712-S
	3.110	0.280	SC-02611-S
	AAAAAAAAA		
RADIUM-226	~~2.120~~ 2.20		This average corrected to reflect the utility samples (on last page) MAN 5.21.97
RADIUM-228	1.140	0.420	SC-02706-S
	1.120	0.510	SC-02707-S
	0.615	1.230	SC-02703-S
	0.480	0.960	SC-02611-S
	1.220	0.470	SC-03016-S

CU DATA REPORT

PARAMETER	CONCENTRA LIMIT	DETECTION	LOCATION
RADIUM-228	1.120	0.570	SC-03019-S
	1.080	0.380	SC-03018-S
	1.280	0.560	SC-03017-S
	0.850	0.560	SC-02710-S
	1.060	0.590	SC-02709-S
	1.180	0.390	SC-02711-S
	1.050	0.340	SC-02712-S
	1.000	0.670	SC-02601-S
	1.140	0.380	SC-02709-C
	1.070	0.550	SC-02708-S
	1.440	0.400	SC-02606-S
	1.180	0.460	SC-02701-S
	1.190	0.390	SC-02703-C
	0.550	1.100	SC-03020-S
	0.575	1.150	SC-02702-S
	0.960	0.450	SC-02705-S
	1.100	0.500	SC-02704-S
	AAAAAAAAA		
RADIUM-228	1.018[2]		
Thorium-230	0.540	0.140	SC-02611-S
	1.380	0.200	SC-02704-S
	1.450	0.220	SC-03016-S
	1.400	0.180	SC-02705-S
	1.620	0.150	SC-02712-S
	2.040	0.160	SC-02707-S
	2.120	0.160	SC-02711-S
	1.660	0.120	SC-02710-S
	1.570	0.170	SC-02708-S
	1.760	0.270	SC-02706-S
	3.350	0.160	SC-02709-S
	1.710	0.100	SC-03020-S
	2.250	0.150	SC-02702-S
	1.840	0.180	SC-02701-S
	0.610	0.130	SC-02601-S
	0.680	0.170	SC-02606-S
	1.800	0.090	SC-02703-C
	1.940	0.110	SC-02703-S

[2] This average corrected to include activity samples (last page).
Mah 5.21.97

	1.700	0.140	SC-03018-S
	2.230	0.220	SC-02709-C
	1.750	0.110	SC-03019-S
	1.320	0.110	SC-03017-S
	AAAAAAAAA		
Thorium-230	~~1.669~~ 1.59		This average corrected to reflect ut. /ity samples (last page).
	MGh 5-21-97		
URANIUM-238	3.500	1.940	SC-02708-S
	3.170	2.540	SC-02709-C
	1.605	3.210	SC-03019-S
	1.540	3.080	SC-02611-S
	2.105	4.210	SC-03017-S
	1.825	3.650	SC-02601-S

CU DATA REPORT

PARAMETER	CONCENTRA LIMIT	DETECTION	LOCATION
URANIUM-238	1.500	3.000	SC-02606-S
	1.735	3.470	SC-02709-S
	1.535	3.070	SC-03018-S
	1.955	3.910	SC-03020-S
	1.575	3.150	SC-02711-S
	2.075	4.150	SC-02710-S
	2.175	4.350	SC-02702-S
	1.555	3.110	SC-02701-S
	1.415	2.830	SC-02704-S
	1.810	3.620	SC-02703-S
	2.900	2.200	SC-02707-S
	1.490	2.980	SC-02712-S
	1.500	3.000	SC-02703-C
	2.400	4.800	SC-03016-S
	1.730	2.060	SC-02706-S
	1.630	3.260	SC-02705-S
	AAAAAAAAA		
URANIUM-238	~~1.942~~ 2.31		
	AAAAAAAAA		
	3.758		

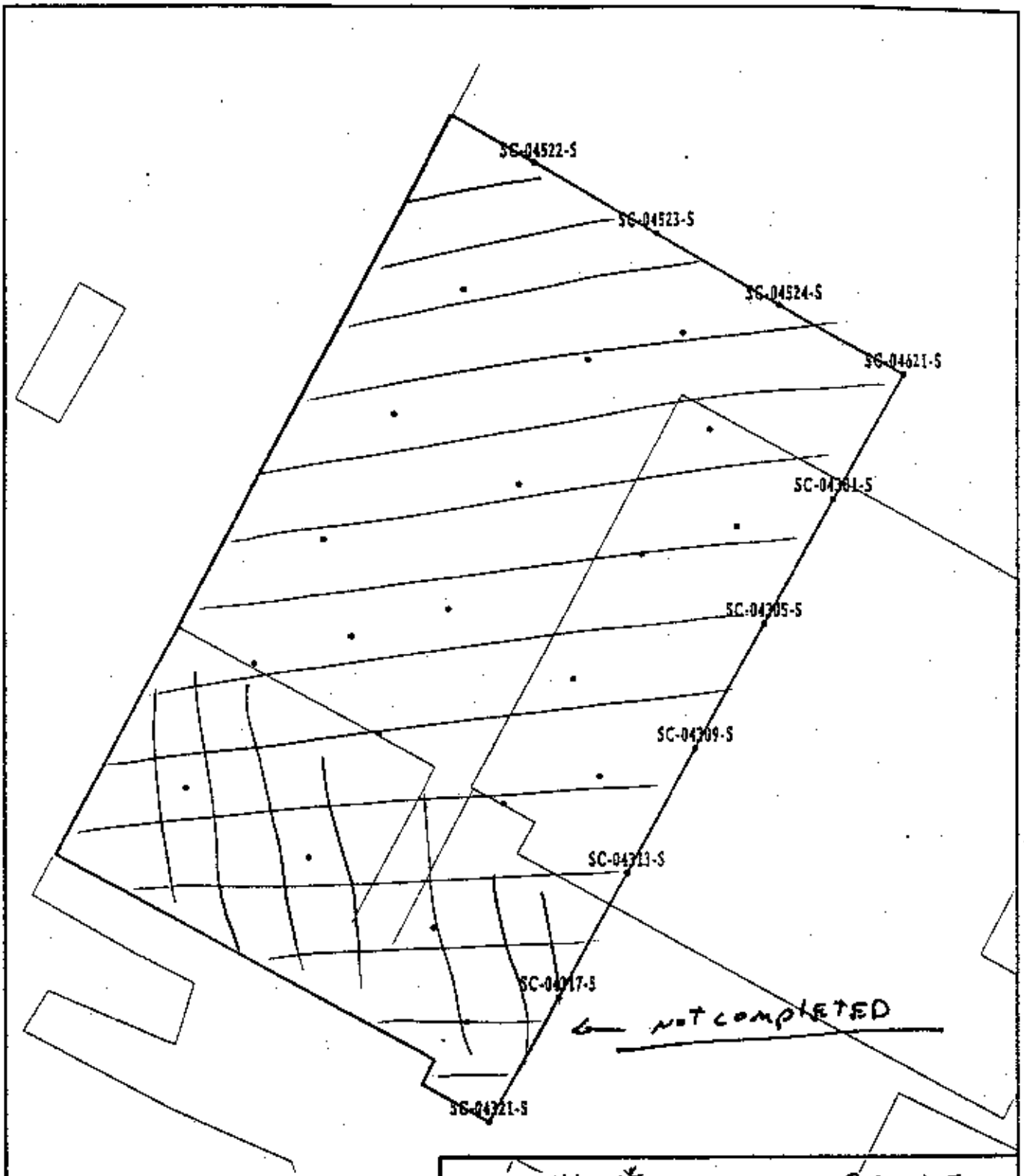
This average corrected to reflect the utility samples (last page).
MGH 5.21.97

Utility Results for RU006CU027

Sample ID	Parameter	Conc	Units	Request
SC-02701-U	Uranium 238	2.29	pCi/g	WP087
SC-02701-U	Radium 226	2.38	pCi/g	WP087
SC-02701-U	Radium228	1.07	pCi/g	WP087
SC-02701-U	Thorium 230	1.72	pCi/g	QT1390
SC-02701-U	Thorium 232	1.10	pCi/g	WP087
SC-02701-U	Lead	22.6	mg/kg	QT1390
SC-02701-U	PCB	<0.042	mg/kg	QT1390
SC-02702-U	Uranium 238	2.41	pCi/g	WP087
SC-02702-U	Radium 226	2.07	pCi/g	WP087
SC-02702-U	Radium228	0.94	pCi/g	WP087
SC-02702-U	Thorium 230	1.52	pCi/g	QT1390
SC-02702-U	Thorium 232	0.96	pCi/g	WP087
SC-02702-U	Lead	16.9	mg/kg	QT1390
SC-02702-U	PCB	<0.043	mg/kg	QT1390
SC-02703-U	Uranium 238	<3.85	pCi/g	WP087
SC-02703-U	Radium 226	2.16	pCi/g	WP087
SC-02703-U	Radium228	0.90	pCi/g	WP087
SC-02703-U	Thorium 230	1.27	pCi/g	QT1390
SC-02703-U	Thorium 232	0.92	pCi/g	WP087
SC-02703-U	Lead	47.9	mg/kg	QT1390
SC-02703-U	PCB	<0.039	mg/kg	QT1390
SC-02704-U	Uranium 238	<3.21	pCi/g	WP087
SC-02704-U	Radium 226	2.27	pCi/g	WP087
SC-02704-U	Radium228	1.10	pCi/g	WP087
SC-02704-U	Thorium 230	1.16	pCi/g	QT1390
SC-02704-U	Thorium 232	1.13	pCi/g	WP087
SC-02704-U	Lead	12.8	mg/kg	QT1390
SC-02704-U	PCB	<0.043	mg/kg	QT1390
SC-02705-U	Uranium 238	<3.86	pCi/g	WP087
SC-02705-U	Radium 226	2.41	pCi/g	WP087
SC-02705-U	Radium228	<1.35	pCi/g	WP087
SC-02705-U	Thorium 230	0.86	pCi/g	QT1390
SC-02705-U	Thorium 232	<1.35	pCi/g	WP087
SC-02705-U	Lead	15.5	mg/kg	QT1390
SC-02705-U	PCB	<0.044	mg/kg	QT1390
SC-02706-U	Uranium 238	11.16	pCi/g	WP087
SC-02706-U	Radium 226	2.45	pCi/g	WP087
SC-02706-U	Radium228	1.17	pCi/g	WP087
SC-02706-U	Thorium 230	1.70	pCi/g	QT1390
SC-02706-U	Thorium 232	1.20	pCi/g	WP087
SC-02706-U	Lead	12.3	mg/kg	QT1390
SC-02706-U	PCB	<0.041	mg/kg	QT1390
SC-02707-U	Uranium 238	<3.82	pCi/g	WP087
SC-02707-U	Radium 226	2.54	pCi/g	WP087
SC-02707-U	Radium228	1.20	pCi/g	WP087
SC-02707-U	Thorium 230	1.16	pCi/g	QT1390
SC-02707-U	Thorium 232	1.23	pCi/g	WP087
SC-02707-U	Lead	11.5	mg/kg	QT1390
SC-02707-U	PCB	<0.043	mg/kg	QT1390
SC-02708-U	Uranium 238	<4.22 mal 5.21.97	pCi/g	WP087
SC-02708-U	Radium 226	2.68	pCi/g	WP087
SC-02708-U	Radium228	1.08	pCi/g	WP087
SC-02708-U	Thorium 230	1.64	pCi/g	QT1390
SC-02708-U	Thorium 232	1.11	pCi/g	WP087
SC-02708-U	Lead	21.1	mg/kg	QT1390
SC-02708-U	PCB	<0.042	mg/kg	QT1390
SC-02709-U	Uranium 238	<3.92	pCi/g	WP087
SC-02709-U	Radium 226	2.52	pCi/g	WP087
SC-02709-U	Radium228	<1.14	pCi/g	WP087
SC-02709-U	Thorium 230	1.64	pCi/g	QT1390
SC-02709-U	Thorium 232	<1.14	pCi/g	WP087
SC-02709-U	Lead	37.6	mg/kg	QT1390
SC-02709-U	PCB	<0.042	mg/kg	QT1390
SC-02710-U	Uranium 238	<3.83	pCi/g	WP087
SC-02710-U	Radium 226	1.95	pCi/g	WP087
SC-02710-U	Radium228	1.29	pCi/g	WP087
SC-02710-U	Thorium 230	1.38	pCi/g	QT1390
SC-02710-U	Thorium 232	1.32	pCi/g	WP087
SC-02710-U	Lead	14.1	mg/kg	QT1390
SC-02710-U	PCB	<0.042	mg/kg	QT1390

Review Form: 96-0182

Radiation Survey Form WP 420, RU006CU042



Meter Model#: 44-10* Detector Model#: 2x2 NaI

Meter Serial#: 125433 Detector Serial#: 120403 K

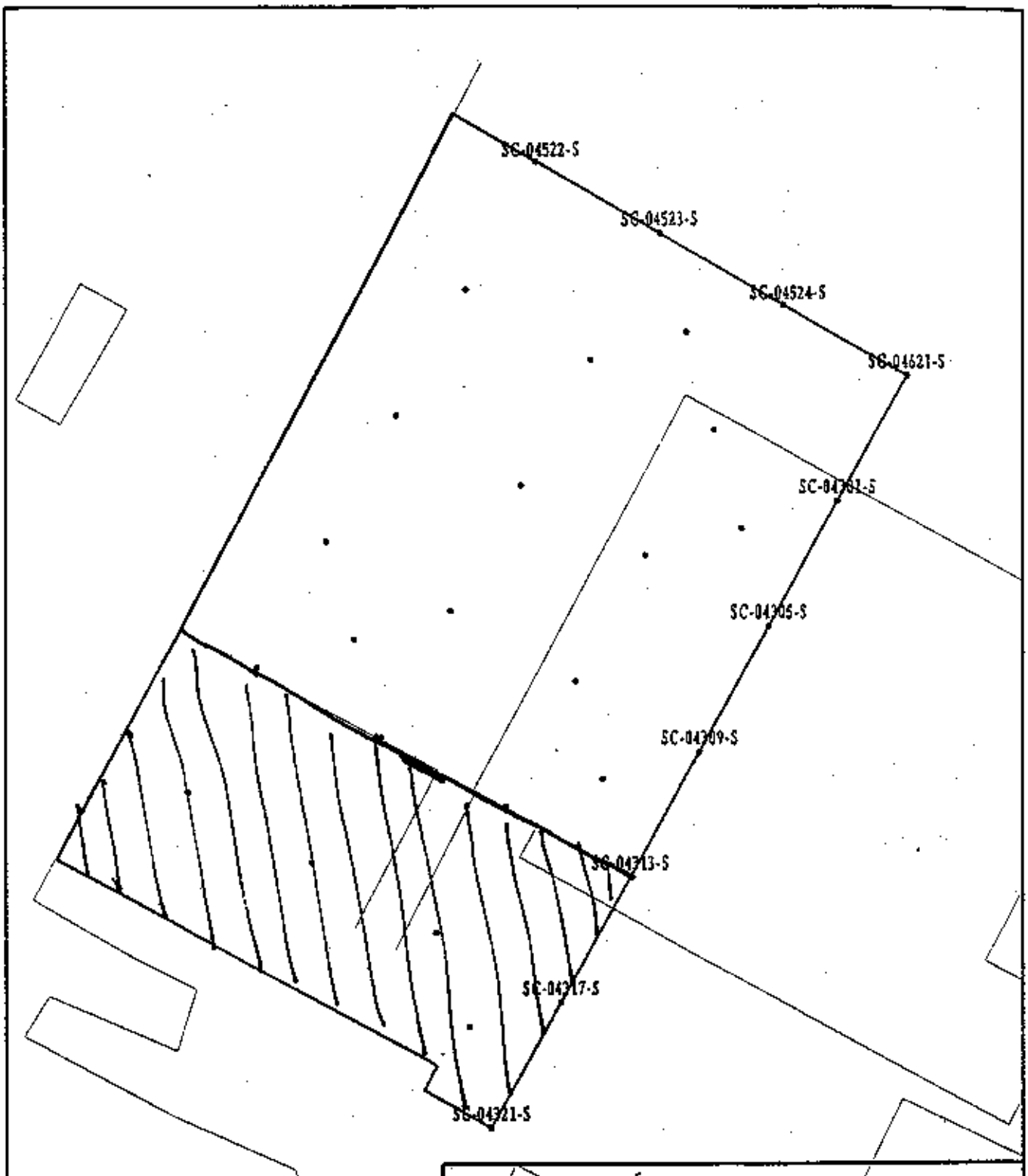
Calibration Due: 2-7-97 Calibration Due: 11-30-96

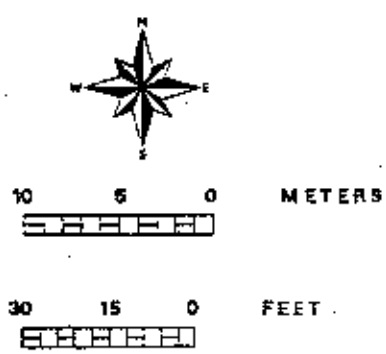
Survey Date/Time: 6-25-96 (0830-1030) Field Bkg.: 10,000 cpm

Surveyor(s): T. Butzlaff / T. Lukezic

Comments: The above area was surveyed and found to be less than 1.5 times background. * T Lukezic also surveyed the above area using meter #127252 (cal due = 3-6-97) and detector #122604 I (cal due = 4-3-97)

Radiation Survey Form WP 420, RU006CU042





Meter Model#: 44-10*

Detector Model#: 2x2 NaI

Meter Serial#: 125433

Detector Serial#: 126403 K

Calibration Due: 2-7-97

Calibration Due: 11-30-96

Survey Date/Time: 8-12-96 1200-1400

Field Bkg.: 10,500

Surveyor(s): T. Butzlaff / L. Hagoss

Comments: The above area was surveyed and found to be less than 1.5 times background. *L. Hagoss also surveyed the above area using meter # 127252 (cal. due 3-6-97) and detector # 122608 I (cal. due 4-3-97)

Weldon Spring Site Remedial Action Project
7295 Highway 94 South, St. Charles, Missouri, 63304

ES&H 1.2.1.1, Rev. 1, 03/96

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

SECTION I

1. Work Package Number: WP420 2. Date: 8.9.96 3. Review Form #: 96-035

4. Remediation Unit Number: RU006 5. Confirmation Unit Number: CU028 (map attached)

6. Contaminants of Concern: X U-238 X Th-230 X Th-232 X Ra-226 X Ra-228
___ TNT X PCB ___ PAH X As X Cr X Pb ___ Tl

7. Results average below ALARA goal(s)?	X Yes ___ No
8. All results below cleanup criteria?	X Yes ___ No
9. Any results greater than 3X criteria?	___ Yes X No
10. Hotspots present (less than 3X criteria)?	___ Yes X No

Parameter	Size	Concentration	Complies with Plan?
N/A			___ Yes ___ No
			___ Yes ___ No
			___ Yes ___ No
			___ Yes ___ No

11. Reviewer: Mel H. [signature] Date: 8/9/96

12. Reviewer Disposition Recommendation: X Release for Unrestricted Use (Section II)
___ Additional Excavation Required (Section IV)
___ ALARA Committee Required (Section III)

SECTION II *Results are ALARA. CU is released for unrestricted use.*

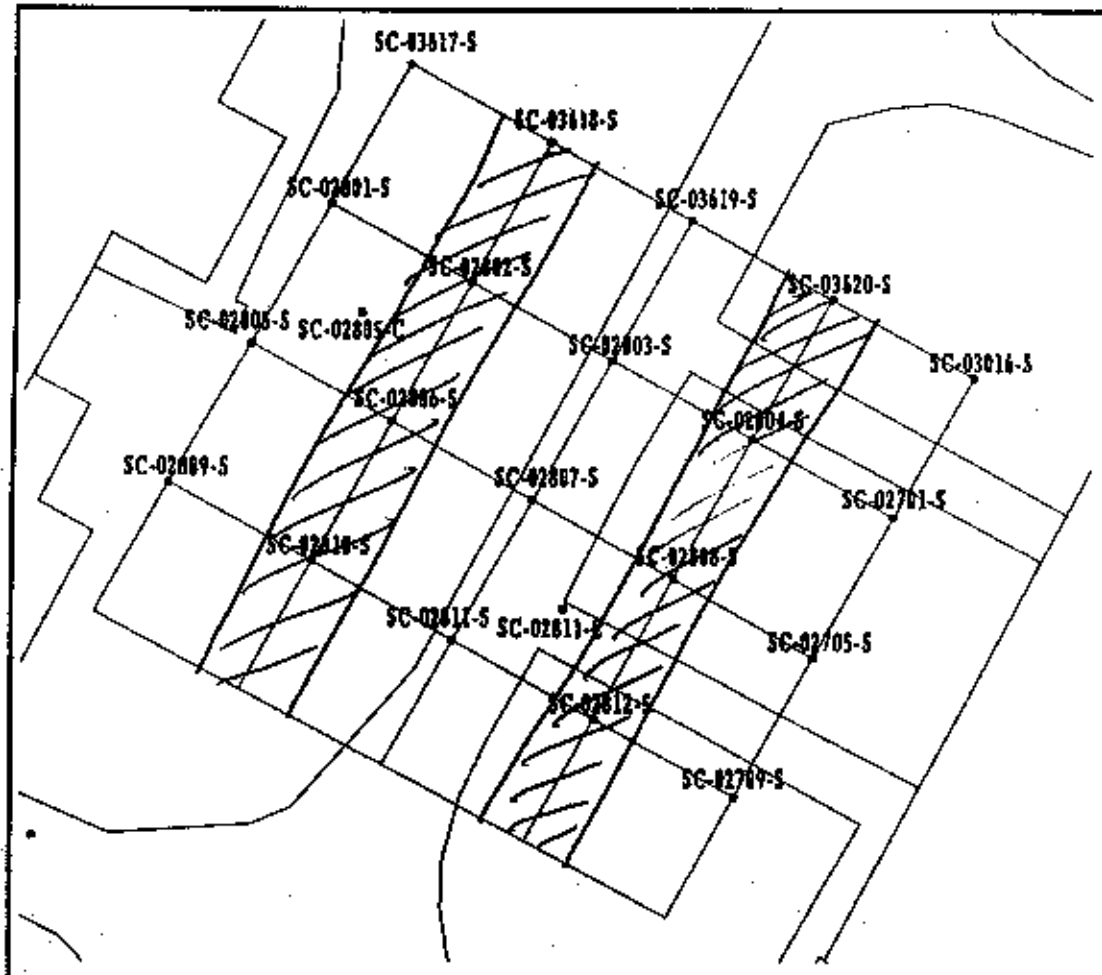
14. ES&H Manager: [signature] Date: 8/9/96

15. DOE Project Manager/Engineer: Thomas C. Pauling Date: 8/9/96

16. Project Manager: [signature] Date: 8/9/96

17. Construction Engineer: Darrell L. Capper Date: 8/9/96

SEE ATTACHED RESULTS AND MAP



trenches

10 5 0 10 METERS

30 15 0 30 FEET

N E S

Review Form 96-035

Sample Locations in Remedial Unit RU006 Confirmation Unit CU028

Figure B-9

EXHIBIT NO.: A/CP/091/1295		REPORT NO.: DOE/OR/21548-590	
ORIGINATOR: MGL	DRAWN BY: WSSRAP GIS	DATE: 3/96	

CU026 DATA REPORT

PARAMETER	CONC	DL	LOCATION_ID	UNITS
PCBs				
	0.000	41.000	SC-02701-S	UG/KG
	0.000	44.000	SC-02705-S	UG/KG
	0.000	40.000	SC-02709-S	UG/KG
	0.000	42.000	SC-03016-S	UG/KG
	0.000	39.000	SC-02802-S	UG/KG
	0.000	42.000	SC-02804-S	UG/KG
	0.000	44.000	SC-02806-S	UG/KG
	0.000	38.000	SC-02808-S	UG/KG
	0.000	45.000	SC-02810-S	UG/KG
	0.000	39.000	SC-02812-S	UG/KG
	0.000	40.000	SC-02818-S	UG/KG
	0.000	40.000	SC-02820-S	UG/KG
PCB AVERAGE = NA (ALL RESULTS LESS THAN THE DL)				
ARSENIC				
	5.500	0.470	SC-02802-S	UG/G
	9.500	0.510	SC-02804-S	UG/G
	8.100	0.530	SC-02806-S	UG/G
	3.000	0.460	SC-02808-S	UG/G
	7.300	0.550	SC-02810-S	UG/G
	6.700	0.470	SC-02812-S	UG/G
	5.300	0.480	SC-02818-S	UG/G
	7.800	0.490	SC-02820-S	UG/G
ARSENIC AVERAGE = 6.650 UG/G				
LEAD				
	13.000	0.150	SC-02701-S	UG/G
	17.600	0.160	SC-02705-S	UG/G
	18.600	0.150	SC-02709-S	UG/G
	23.400	0.150	SC-03016-S	UG/G
	16.100	0.330	SC-02802-S	UG/G
	14.100	0.360	SC-02804-S	UG/G
	13.400	0.370	SC-02806-S	UG/G
	8.900	0.320	SC-02808-S	UG/G
	12.000	0.380	SC-02810-S	UG/G
	15.400	0.330	SC-02812-S	UG/G
	14.400	0.330	SC-02818-S	UG/G
	13.300	0.340	SC-02820-S	UG/G
LEAD AVERAGE = 15.017 UG/G				
CHROMIUM				
	7.600	0.540	SC-02802-S	UG/G
	11.100	0.590	SC-02804-S	UG/G
	9.200	0.600	SC-02806-S	UG/G
	12.700	0.530	SC-02808-S	UG/G
	18.100	0.630	SC-02810-S	UG/G
	10.900	0.540	SC-02812-S	UG/G
	13.300	0.550	SC-02818-S	UG/G
	14.900	0.570	SC-02820-S	UG/G
CHROMIUM AVERAGE = 12.225 UG/G				

CU028 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION_ID	UNITS
RADIUM-226				
	1.910	0.280	SC-02705-S	PCI/G
	2.660	0.260	SC-02701-S	PCI/G
0.85 mgk 5.21.97	~~0.975~~	0.750	SC-03016-S	PCI/G
	2.220	0.350	SC-02709-S	PCI/G
	2.040	0.290	SC-03620-S	PCI/G
	2.500	0.270	SC-03618-S	PCI/G
	2.340	0.380	SC-02812-S	PCI/G
	2.630	0.300	SC-02810-S	PCI/G
	2.720	0.330	SC-02808-S	PCI/G
	1.860	0.240	SC-02806-S	PCI/G
	2.290	0.380	SC-02804-S	PCI/G
	2.290	0.300	SC-02802-S	PCI/G

RADIUM-226 AVERAGE = ~~2.153~~ 2.19 mgk 5.21.97 PCI/G

RADIUM-228				
	1.220	0.470	SC-03016-S	PCI/G
	1.060	0.590	SC-02709-S	PCI/G
	1.180	0.460	SC-02701-S	PCI/G
	0.960	0.450	SC-02705-S	PCI/G
	1.390	0.600	SC-02802-S	PCI/G
	1.020	0.530	SC-02806-S	PCI/G
	1.220	0.580	SC-02804-S	PCI/G
	1.190	0.550	SC-02808-S	PCI/G
	0.890	0.470	SC-02810-S	PCI/G
	1.330	0.460	SC-02812-S	PCI/G
	1.320	0.380	SC-03620-S	PCI/G
	1.530	0.270	SC-03618-S	PCI/G

RADIUM-228 AVERAGE = 1.193 PCI/G

THORIUM-230				
	2.580	2.170	SC-03620-S	PCI/G
	2.870	2.170	SC-03618-S	PCI/G
	2.580	2.170	SC-02812-S	PCI/G
	3.580	2.170	SC-02810-S	PCI/G
	2.430	2.170	SC-02808-S	PCI/G
	2.410	2.170	SC-02806-S	PCI/G
	2.550	2.170	SC-02804-S	PCI/G
	2.540	2.170	SC-02802-S	PCI/G
	3.350	0.160	SC-02709-S	PCI/G
	1.450	0.220	SC-03016-S	PCI/L
	1.400	0.180	SC-02705-S	PCI/G
	1.840	0.180	SC-02701-S	PCI/G

THORIUM-230 AVERAGE = 2.465 PCI/G

CU028 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION_ID	UNITS
URANIUM-238				
	1.555	3.110	SC-02701-S	PCI/G
	2.000	4.000	SC-02809-S	PCI/G
	1.735	3.470	SC-02709-S	PCI/G
	2.380	2.980	SC-02805-S	PCI/G
	2.025	4.050	SC-02802-S	PCI/G
	1.670	3.340	SC-02803-S	PCI/G
	1.910	3.820	SC-02804-S	PCI/G
	1.500	3.000	SC-02805-C	PCI/G
	2.035	4.070	SC-02806-S	PCI/G
	1.585	3.170	SC-02807-S	PCI/G
	1.490	3.050	SC-02808-S	PCI/G
	4.850	2.860	SC-02810-S	PCI/G
	2.125	4.250	SC-02811-C	PCI/G
	1.580	3.160	SC-02811-S	PCI/G
	2.015	4.030	SC-02812-S	PCI/G
	1.580	3.160	SC-03618-S	PCI/G
	2.235	4.470	SC-03619-S	PCI/G
	1.635	3.270	SC-03620-S	PCI/G
	1.630	3.260	SC-02705-S	PCI/G
	2.400	4.800	SC-03016-S	PCI/G
	1.530	3.060	SC-03617-S	PCI/G
	2.260	4.520	SC-02801-S	PCI/G

URANIUM-238 AVERAGE = 1.988 PCI/G

Weldon Spring Site Remedial Action Project
7295 Highway 94 South, St. Charles, Missouri, 63304

ES&H 1.2.1.1, Rev. 1, 03/96

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

SECTION I

1. Work Package Number: WP420 2. Date: 08.07.96 3. Review Form #: 96-034

4. Remediation Unit Number: RU006 5. Confirmation Unit Number: CU029 (map attached)

6. Contaminants of Concern: X U-238 X Th-230 X Th-232 X Ra-226 X Ra-228
___ TNT X PCB ___ PAH X As X Cr X Pb X Tl

7. Results average below ALARA goal(s)?	X Yes ___ No
8. All results below cleanup criteria?	X Yes ___ No
9. Any results greater than 3X criteria?	___ Yes X No
10. Hotspots present (less than 3X criteria)?	___ Yes X No

Parameter	Size	Concentration	Complies with Plan?
			___ Yes ___ No
			___ Yes ___ No
			___ Yes ___ No
			___ Yes ___ No

11. Reviewer: Mel A. Lisby Date: 8/7/96

12. Reviewer Disposition Recommendation: X Release for Unrestricted Use (Section II)
___ Additional Excavation Required (Section IV)
___ ALARA Committee Required (Section III)

SECTION II ***Results are ALARA. CU is released for unrestricted use.***

14. ES&H Manager: [signature] Date: 8/7/96

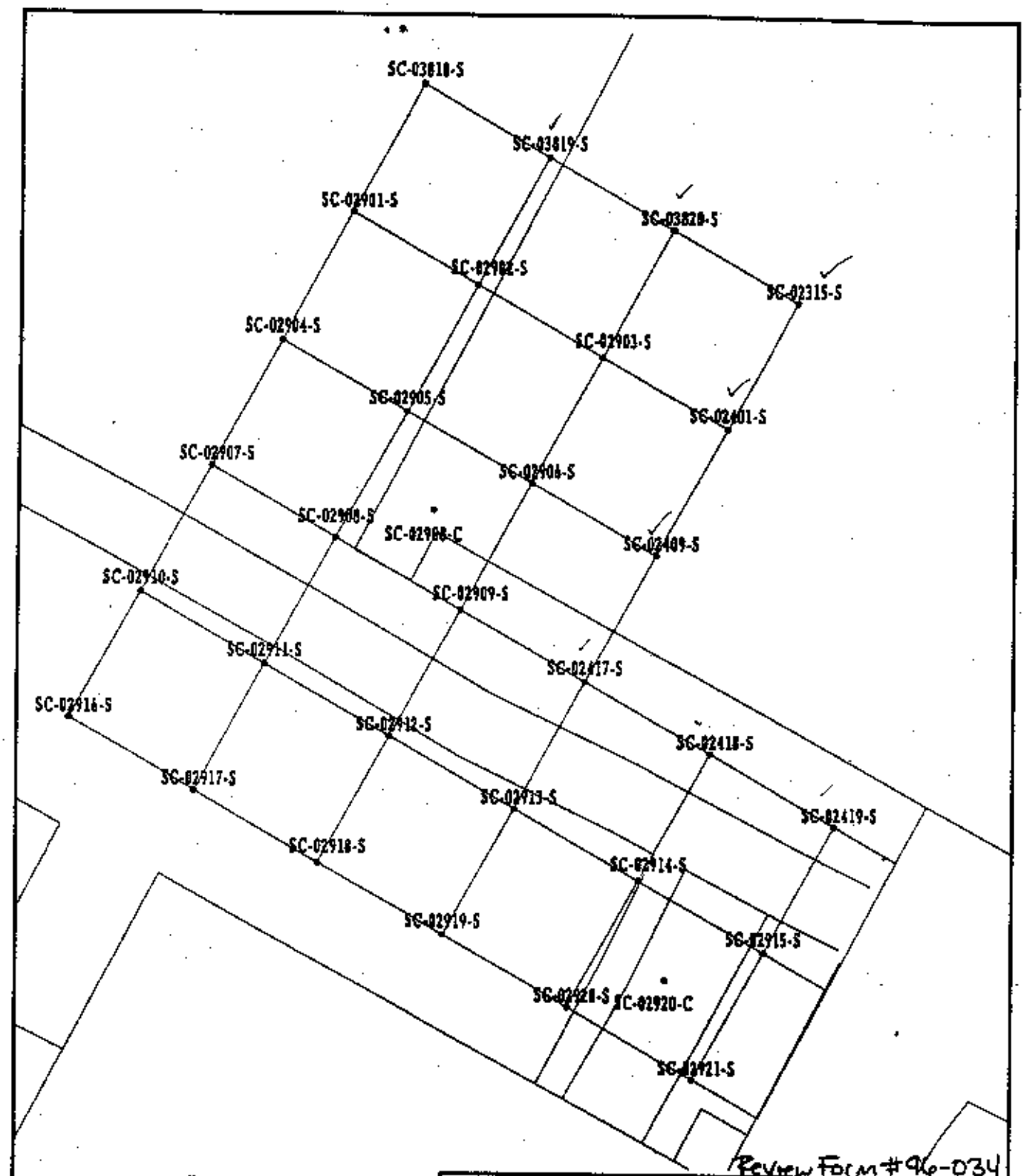
15. DOE Project Manager/Engineer: Thomas C. Gaubig Date: 8/7/96

16. Project Manager: [signature] Date: 8/7/96

17. Construction Engineer: Carrie L Capps Date: 8/7/96

SEE ATTACHED RESULTS AND MAP

Note: Grid samples fell into trench, no additional samples were necessary.



Sample Locations in Remedial Unit RU006
Confirmation Unit CU029

Figure B-10

EXHIBIT NO.: A/CP/092/1295		REPORT NO.: DOE/OR/21548-590	
DESIGNATOR: MGL	DRAWN BY: WSSRAP GIS	DATE: 3/96	

CU029 DATA REPORT

PARAMETER	CONC	DL	LOCATION	UNITS
AROCLOR-1248	0.000	16.000	SC-02401-S	UG/KG
	0.000	16.000	SC-02315-S	UG/KG
	0.000	18.000	SC-02409-S	UG/KG
	0.000	16.000	SC-02417-S	UG/KG
	0.000	17.000	SC-02419-S	UG/KG
	0.000	16.000	SC-02418-S	UG/KG
	0.000	42.000	SC-02915-S	UG/KG
	0.000	41.000	SC-02914-S	UG/KG
	0.000	41.000	SC-03819-S	UG/KG
	0.000	39.000	SC-02909-S	UG/KG
	0.000	42.000	SC-02908-S	UG/KG
	0.000	41.000	SC-02907-S	UG/KG
	0.000	42.000	SC-02906-S	UG/KG
	0.000	38.000	SC-02905-S	UG/KG
	0.000	40.000	SC-02903-S	UG/KG
	0.000	39.000	SC-02902-S	UG/KG
	0.000	39.000	SC-03820-S	UG/KG
	0.000	45.000	SC-02920-C	UG/KG
AROCLOR-1248 AVERAGE		0.000 UG/KG		
AROCLOR-1254	0.000	18.000	SC-02409-S	UG/KG
	0.000	16.000	SC-02315-S	UG/KG
	0.000	17.000	SC-02419-S	UG/KG
	0.000	16.000	SC-02418-S	UG/KG
	0.000	16.000	SC-02417-S	UG/KG
	0.000	16.000	SC-02401-S	UG/KG
	0.000	45.000	SC-02920-C	UG/KG
	0.000	39.000	SC-03820-S	UG/KG
	0.000	39.000	SC-02902-S	UG/KG
	0.000	40.000	SC-02903-S	UG/KG
	0.000	38.000	SC-02905-S	UG/KG
	0.000	42.000	SC-02906-S	UG/KG
	0.000	41.000	SC-02907-S	UG/KG
	0.000	42.000	SC-02908-S	UG/KG
	0.000	39.000	SC-02909-S	UG/KG
	0.000	41.000	SC-03819-S	UG/KG
	0.000	42.000	SC-02915-S	UG/KG
	0.000	41.000	SC-02914-S	UG/KG
AROCLOR-1254 AVERAGE		0.000 UG/KG		

CU029 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION	UNITS
AROCLOR-1260	0.000	16.000	SC-02417-S	UG/KG
	17.000	16.000	SC-02418-S	UG/KG
	0.000	18.000	SC-02409-S	UG/KG
	0.000	16.000	SC-02315-S	UG/KG
	0.000	16.000	SC-02401-S	UG/KG
	0.000	17.000	SC-02419-S	UG/KG
	0.000	41.000	SC-03819-S	UG/KG
	0.000	39.000	SC-02909-S	UG/KG
	0.000	42.000	SC-02908-S	UG/KG
	0.000	41.000	SC-02907-S	UG/KG
	0.000	42.000	SC-02906-S	UG/KG
	0.000	38.000	SC-02905-S	UG/KG
	0.000	40.000	SC-02903-S	UG/KG
	0.000	39.000	SC-02902-S	UG/KG
	0.000	39.000	SC-03820-S	UG/KG
	71.000	45.000	SC-02920-C	UG/KG
	0.000	42.000	SC-02915-S	UG/KG
	0.000	41.000	SC-02914-S	UG/KG
AROCLOR-1260 AVERAGE		**4.889 UG/KG (0.049 MG/KG)**		

PCB Average = 0.005 MAK 5.21.97

ARSENIC	8.000	0.480	SC-02417-S	MG/KG
	6.500	0.490	SC-02418-S	MG/KG
	7.000	0.520	SC-02419-S	MG/KG
	13.700	0.480	SC-02315-S	MG/KG
	6.100	0.490	SC-02401-S	MG/KG
	6.400	0.550	SC-02409-S	MG/KG
	7.700	0.480	SC-03820-S	UG/G
	10.000	0.500	SC-03819-S	UG/G
	8.300	0.480	SC-02909-S	UG/G
	17.300	0.510	SC-02908-S	UG/G
	9.200	0.500	SC-02907-S	UG/G
	6.800	0.460	SC-02905-S	UG/G
	15.100	0.510	SC-02906-S	UG/G
	7.500	0.470	SC-02902-S	UG/G
	7.800	0.490	SC-02903-S	UG/G
ARSENIC AVERAGE		**9.160 MG/KG**		

CU029 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION	UNITS
CHROMIUM	25.500	0.280	SC-02409-S	MG/KG
	22.000	0.250	SC-02401-S	MG/KG
	23.900	0.240	SC-02315-S	MG/KG
	30.300	0.240	SC-02417-S	MG/KG
	25.300	0.250	SC-02418-S	MG/KG
	28.600	0.260	SC-02419-S	MG/KG
	17.100	0.570	SC-02908-C	UG/G
	41.600	0.580	SC-02908-S	UG/G
	16.500	0.550	SC-02909-S	UG/G
	16.900	0.520	SC-02905-S	UG/G
	19.300	0.560	SC-02903-S	UG/G
	19.400	0.540	SC-02902-S	UG/G
	21.600	0.570	SC-02907-S	UG/G
	20.000	0.580	SC-02906-S	UG/G
	18.900	0.570	SC-03819-S	UG/G
	18.000	0.550	SC-03820-S	UG/G
CHROMIUM AVERAGE		22.806 MG/KG		
LEAD	12.500	0.280	SC-02409-S	MG/KG
	22.800	0.240	SC-02315-S	MG/KG
	15.400	0.250	SC-02401-S	MG/KG
	15.100	0.260	SC-02419-S	MG/KG
	15.200	0.250	SC-02418-S	MG/KG
	13.000	0.240	SC-02417-S	MG/KG
	16.000	0.330	SC-02902-S	UG/G
	16.500	0.340	SC-02903-S	UG/G
	23.600	0.360	SC-02908-S	UG/G
	10.900	0.350	SC-02907-S	UG/G
	13.100	0.320	SC-02905-S	UG/G
	26.200	0.350	SC-02906-S	UG/G
	16.100	0.350	SC-03819-S	UG/G
	11.300	0.340	SC-03820-S	UG/G
	16.100	0.330	SC-02909-S	UG/G
LEAD AVERAGE		16.253 MG/KG		
THALLIUM	0.125	0.250	SC-02401-S	MG/KG
	0.360	0.240	SC-02315-S	MG/KG
	0.140	0.280	SC-02409-S	MG/KG
	0.130	0.260	SC-02419-S	MG/KG
	0.260	0.240	SC-02417-S	MG/KG
	0.125	0.250	SC-02418-S	MG/KG
	1.800	0.810	SC-02906-S	UG/G
	1.000	0.800	SC-03819-S	UG/G
	1.100	0.770	SC-03820-S	UG/G
	0.375	0.750	SC-02902-S	UG/G
	1.400	0.780	SC-02903-S	UG/G
	1.200	0.800	SC-02907-S	UG/G
	1.000	0.730	SC-02905-S	UG/G
	1.400	0.760	SC-02909-S	UG/G
	2.200	0.810	SC-02908-S	UG/G
THALLIUM AVERAGE		0.841 MG/KG		

CU029 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION	UNITS
RADIUM-226	2.320	0.370	SC-02315-S	PCI/G
	2.130	0.300	SC-02417-S	PCI/G
	1.880	0.230	SC-02401-S	PCI/G
	1.860	0.290	SC-02419-S	PCI/G
	2.040	0.300	SC-02418-S	PCI/G
	2.020	0.270	SC-02409-S	PCI/G
	2.610	0.220	SC-03820-S	PCI/G
	2.700	0.400	SC-03819-S	PCI/G
	2.700	0.440	SC-02909-S	PCI/G
	2.840	0.310	SC-02908-S	PCI/G
	2.270	0.410	SC-02907-S	PCI/G
	2.520	0.270	SC-02906-S	PCI/G
	2.470	0.350	SC-02905-S	PCI/G
	2.630	0.380	SC-02903-S	PCI/G
	2.360	0.290	SC-02902-S	PCI/G
RADIUM-226 AVERAGE		**2.357 PCI/G**		
RADIUM-228	1.470	0.490	SC-02417-S	PCI/G
	1.020	0.420	SC-02418-S	PCI/G
	1.110	0.470	SC-02419-S	PCI/G
	1.200	0.410	SC-02409-S	PCI/G
	0.600	1.200	SC-02401-S	PCI/G
	1.370	0.440	SC-02315-S	PCI/G
	1.440	0.390	SC-02902-S	PCI/G
	1.490	0.490	SC-02903-S	PCI/G
	1.360	0.620	SC-02905-S	PCI/G
	1.430	0.450	SC-02906-S	PCI/G
	1.260	0.540	SC-02908-S	PCI/G
	1.590	0.490	SC-02907-S	PCI/G
	2.430	0.810	SC-02909-S	PCI/G
	1.580	0.270	SC-03819-S	PCI/G
	0.430	0.860	SC-03820-S	PCI/G
RADIUM-228 AVERAGE		**1.319 PCI/G**		
THORIUM-230	1.350	0.025	SC-02401-S	PCI/G
	1.400	0.066	SC-02409-S	PCI/G
	1.210	0.042	SC-02315-S	PCI/G
	1.310	0.093	SC-02419-S	PCI/G
	1.220	0.082	SC-02418-S	PCI/G
	1.210	0.042	SC-02417-S	PCI/G
	2.660	2.170	SC-03820-S	PCI/G
	2.830	2.170	SC-03819-S	PCI/G
	3.440	2.170	SC-02909-S	PCI/G
	2.640	2.170	SC-02908-S	PCI/G
	2.810	2.170	SC-02907-S	PCI/G
	2.730	2.170	SC-02906-S	PCI/G
	2.840	2.170	SC-02905-S	PCI/G
	2.850	2.170	SC-02903-S	PCI/G
	2.490	2.170	SC-02902-S	PCI/G
THORIUM-230 AVERAGE		**2.199 PCI/G**		

CU029 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION	UNITS
URANIUM-238	3.540	3.030	SC-02919-S	PCI/G
	1.900	3.800	SC-02401-S	PCI/G
	1.590	3.180	SC-02920-S	PCI/G
	2.000	4.000	SC-02901-S	PCI/G
	1.515	3.030	SC-02902-S	PCI/G
	1.960	3.920	SC-02903-S	PCI/G
	11.450	2.580	SC-02918-S	PCI/G
	8.180	2.840	SC-02904-S	PCI/G
	2.390	4.780	SC-02905-S	PCI/G
	1.630	3.260	SC-02906-S	PCI/G
	2.150	4.300	SC-02907-S	PCI/G
	2.440	2.350	SC-02908-S	PCI/G
	14.940	5.300	SC-02909-S	PCI/G
	1.610	3.220	SC-02910-S	PCI/G
	2.315	4.630	SC-02911-S	PCI/G
	1.555	3.110	SC-02912-S	PCI/G
	4.640	3.490	SC-03819-S	PCI/G
	1.590	3.180	SC-03820-S	PCI/G
	11.120	3.140	SC-02917-S	PCI/G
	4.260	2.910	SC-02916-S	PCI/G
	1.970	3.770	SC-02914-S	PCI/G
	2.035	3.740	SC-02915-S	PCI/G
	5.260	3.060	SC-02409-S	PCI/G
	1.850	3.700	SC-02913-S	PCI/G
	1.555	3.110	SC-02417-S	PCI/G
	1.520	3.040	SC-02418-S	PCI/G
	1.535	3.070	SC-02419-S	PCI/G
	1.970	3.940	SC-02315-S	PCI/G
	3.140	2.400	SC-02921-S	PCI/G
	2.880	4.130	SC-03818-S	PCI/G
URANIUM-238 AVERAGE		3.55 PCI/G		

Note: For the THORIUM-232 concentration, see RADIUM-228 results.

Weldon Spring Site Remedial Action Project
7295 Highway 94 South, St. Charles, Missouri, 63304

ES&H-1.2.1, 12/95

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

SECTION I

1. Work Package Number: WP420 2. Date: 06/20/96 3. Review Form #: 96-019
4. Remediation Unit Number: RU006 5. Confirmation Unit Number: CU030 (map attached)
6. Contaminants of Concern: X U-238 X Th-230 X Th-232 X Ra-226 X Ra-228
   ___ TNT √ PCB ___ PAH ___ As ___ Cr X Pb ___ Tl

7. Results average below ALARA goal(s)?	X Yes	___ No
8. All results below cleanup criteria?	X Yes	___ No
9. Any results greater than 3X criteria?	~~X~~ Yes	X No
10. Hotspots present (less than 3X criteria)?	___ Yes	X No

Parameter	Size	Concentration	Complies with Plan?
			___ Yes ___ No
			___ Yes ___ No
			___ Yes ___ No
			___ Yes ___ No

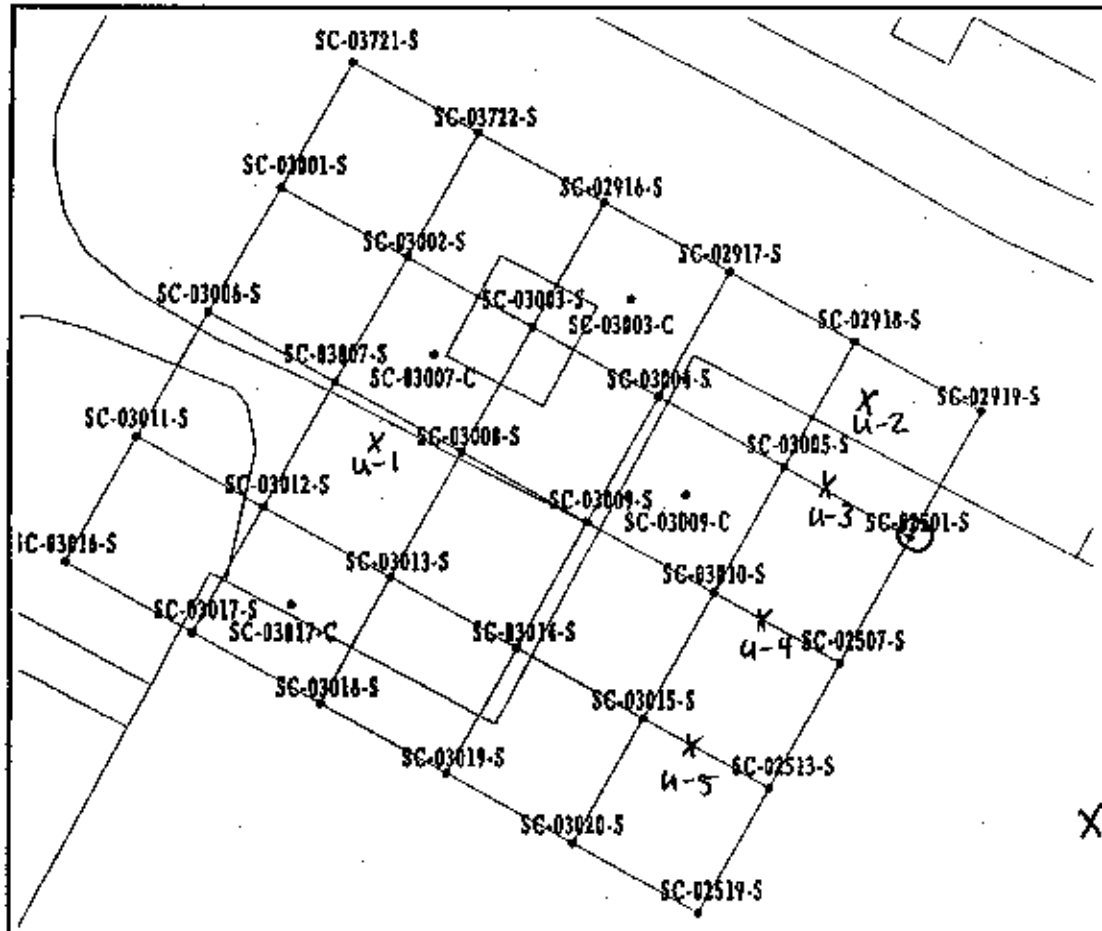
11. Reviewer: Melissa A. Lutz Date: 06/20/96

12. Reviewer Disposition Recommendation:
   X Release for Unrestricted Use (Section II)
   ___ Additional Excavation Required (Section IV)
   ___ ALARA Committee Required (Section III)

SECTION II *Results are ALARA. CU is released for unrestricted use.*

14. ES&H Manager: [signature] Date: 6/20/96
15. DOE Project Manager/Engineer: Thomas C. Pauling Date: 6/20/96
16. Project Manager: [signature] Date: 6/20/96
17. Construction Engineer: Daniel L. Capps Date: 6/20/96

SEE ATTACHED RESULTS AND MAP



Note:
SC-02501-S exceeded 3X Criteria but was removed under re-excavation for CU025. See Disposition Form 96-015a.
New Conc = 2.71 pCi/g

X- utility samples

10 5 0 10 METERS

30 15 0 30 FEET

N E S

Sample Locations in Remedial Unit RU006 Confirmation Unit CU030

Figure B-11

EXHIBIT NO.: A/CP/093/1295		REPORT NO.: DOE/OR/21548-590	
ORIGINATOR: MGL	DRAWN BY: WSSRAP GIS	DATE: 3/96	

CU030

06/19/96

CU DATA REPORT

PARAMETER	CONCENTRA	DETECTION LIMIT	LOCATION
Aroclor-1016	0.000	40.000	SC-03013-S
	0.000	40.000	SC-03014-S
	0.000	41.000	SC-02507-S
	0.000	43.000	SC-03017-C
	0.000	39.000	SC-03010-S
	0.000	40.000	SC-03015-S
	0.000	42.000	SC-03016-S
	0.000	40.000	SC-03019-S
	0.000	39.000	SC-03020-S
	0.000	48.000	SC-03017-S
	0.000	40.000	SC-03009-S
	0.000	41.000	SC-02519-S
	0.000	44.000	SC-03004-S
	0.000	37.000	SC-02513-S
	0.000	40.000	SC-02501-S
	0.000	41.000	SC-03012-S
	0.000	42.000	SC-03018-S
	0.000	40.000	SC-03009-C
	0.000	40.000	SC-03005-S
	AAAAAAAAA		
Aroclor-1016	0.000		
Aroclor-1221	0.000	39.000	SC-03020-S
	0.000	42.000	SC-03018-S
	0.000	40.000	SC-03019-S
	0.000	41.000	SC-02507-S
	0.000	43.000	SC-03017-C
	0.000	40.000	SC-03009-C
	0.000	42.000	SC-03016-S
	0.000	48.000	SC-03017-S
	0.000	39.000	SC-03010-S
	0.000	40.000	SC-02501-S
	0.000	37.000	SC-02513-S
	0.000	41.000	SC-02519-S
	0.000	40.000	SC-03005-S
	0.000	40.000	SC-03014-S
	0.000	40.000	SC-03013-S
	0.000	40.000	SC-03015-S
	0.000	41.000	SC-03012-S
	0.000	40.000	SC-03009-S
	0.000	44.000	SC-03004-S
	AAAAAAAAA		
Aroclor-1221	0.000		
Aroclor-1232	0.000	37.000	SC-02513-S
	0.000	40.000	SC-03019-S
	0.000	42.000	SC-03018-S
	0.000	39.000	SC-03010-S
	0.000	48.000	SC-03017-S
	0.000	40.000	SC-02501-S
	0.000	39.000	SC-03020-S

CU DATA REPORT

PARAMETER	CONCENTRA	DETECTION LIMIT	LOCATION
Aroclor-1232	0.000	42.000	SC-03016-S
	0.000	40.000	SC-03014-S
	0.000	43.000	SC-03017-C
	0.000	40.000	SC-03009-C
	0.000	40.000	SC-03013-S
	0.000	41.000	SC-03012-S
	0.000	40.000	SC-03015-S
	0.000	41.000	SC-02507-S
	0.000	44.000	SC-03004-S
	0.000	40.000	SC-03009-S
	0.000	41.000	SC-02519-S
	0.000	40.000	SC-03005-S
	AAAAAAAAA		
Aroclor-1232	0.000		
Aroclor-1242	0.000	48.000	SC-03017-S
	0.000	40.000	SC-03014-S
	0.000	40.000	SC-03013-S
	0.000	43.000	SC-03017-C
	0.000	40.000	SC-03009-C
	0.000	44.000	SC-03004-S
	0.000	37.000	SC-02513-S
	0.000	39.000	SC-03010-S
	0.000	40.000	SC-03005-S
	0.000	42.000	SC-03016-S
	0.000	39.000	SC-03020-S
	0.000	41.000	SC-02519-S
	0.000	40.000	SC-03009-S
	0.000	40.000	SC-02501-S
	0.000	41.000	SC-03012-S
	0.000	40.000	SC-03015-S
	0.000	41.000	SC-02507-S
	0.000	42.000	SC-03018-S
	0.000	40.000	SC-03019-S
	AAAAAAAAA		
Aroclor-1242	0.000		
Aroclor-1248	0.000	42.000	SC-03018-S
	0.000	40.000	SC-03009-S
	0.000	39.000	SC-03020-S
	0.000	42.000	SC-03016-S
	0.000	40.000	SC-03005-S
	0.000	48.000	SC-03017-S
	0.000	40.000	SC-03014-S
	0.000	41.000	SC-02519-S
	0.000	40.000	SC-03009-C
	0.000	43.000	SC-03017-C
	0.000	40.000	SC-03015-S
	0.000	40.000	SC-03019-S
	0.000	44.000	SC-03004-S
	0.000	40.000	SC-02501-S

CU DATA REPORT

PARAMETER	CONCENTRA	DETECTION LIMIT	LOCATION
Aroclor-1248	0.000	41.000	SC-02507-S
	0.000	37.000	SC-02513-S
	0.000	41.000	SC-03012-S
	0.000	40.000	SC-03013-S
	0.000	39.000	SC-03010-S
	AAAAAAAAA		
Aroclor-1248	0.000		
Aroclor-1254	0.000	43.000	SC-03017-C
	0.000	37.000	SC-02513-S
	0.000	40.000	SC-03014-S
	0.000	40.000	SC-03005-S
	0.000	41.000	SC-02507-S
	48.000	44.000	SC-03004-S
	0.000	40.000	SC-03009-S
	0.000	39.000	SC-03010-S
	0.000	40.000	SC-02501-S
	0.000	42.000	SC-03018-S
	0.000	41.000	SC-02519-S
	0.000	40.000	SC-03013-S
	0.000	40.000	SC-03009-C
	0.000	39.000	SC-03020-S
	0.000	40.000	SC-03015-S
	0.000	42.000	SC-03016-S
	0.000	48.000	SC-03017-S
	0.000	41.000	SC-03012-S
	0.000	40.000	SC-03019-S
	AAAAAAAAA		
Aroclor-1254	2.526		
Aroclor-1260	0.000	41.000	SC-03012-S
	0.000	40.000	SC-03013-S
	0.000	40.000	SC-03014-S
	0.000	48.000	SC-03017-S
	0.000	40.000	SC-03019-S
	0.000	42.000	SC-03018-S
	0.000	40.000	SC-03015-S
	0.000	40.000	SC-03009-C
	0.000	39.000	SC-03010-S
	0.000	40.000	SC-03009-S
	0.000	40.000	SC-03005-S
	0.000	44.000	SC-03004-S
	0.000	42.000	SC-03016-S
	0.000	43.000	SC-03017-C
	0.000	40.000	SC-02501-S
	0.000	39.000	SC-03020-S
	0.000	41.000	SC-02519-S
	0.000	41.000	SC-02507-S
	0.000	37.000	SC-02513-S
	AAAAAAAAA		
Aroclor-1260	0.000		

CU DATA REPORT

PARAMETER	CONCENTRA	DETECTION LIMIT	LOCATION
Lead	18.700	0.130	SC-02513-S
	17.400	0.140	SC-03020-S
	11.300	0.140	SC-03014-S
	13.000	0.160	SC-03017-C
	10.400	0.150	SC-03015-S
	23.400	0.150	SC-03016-S
	11.200	0.180	SC-03017-S
	24.800	0.140	SC-03010-S
	22.900	0.140	SC-03019-S
	19.400	0.150	SC-03018-S
	18.500	0.150	SC-02519-S
	22.500	0.150	SC-02507-S
	18.300	0.160	SC-03004-S
	13.800	0.140	SC-03005-S
	12.700	0.150	SC-03009-S
	17.100	0.150	SC-02501-S
	AAAAAAAAA		
Lead	~~17.213~~ 17.16	This average changed to reflect/include the 5 Utility Samples (see last page)	
Percent Moisture	18.780	0.000	SC-02519-S
	17.350	0.000	SC-02501-S
	18.360	0.000	SC-03005-S
	25.130	0.000	SC-03004-S
	19.740	0.000	SC-03009-C
	32.250	0.000	SC-03017-S
	19.360	0.000	SC-03012-S
	17.250	0.000	SC-03009-S
	18.910	0.000	SC-02507-S
	17.320	0.000	SC-03013-S
	16.780	0.000	SC-03019-S
	22.240	0.000	SC-03018-S
	15.820	0.000	SC-03020-S
	16.990	0.000	SC-03010-S
	10.300	0.000	SC-02513-S
	17.160	0.000	SC-03014-S
	21.570	0.000	SC-03016-S
	19.600	0.000	SC-03015-S
	23.790	0.000	SC-03017-C
	AAAAAAAAA		
Percent Moisture	19.405		
RADIUM-226	2.04 ~~0.900~~	0.360	SC-03020-S
	2.14 ~~0.950~~	0.270	SC-03018-S
	2.13 ~~0.940~~	0.240	SC-03019-S
	2.00 ~~0.880~~	0.260	SC-03017-S
	2.25 ~~0.990~~	0.350	SC-02513-S
	0.84 ~~0.370~~	0.740	SC-02507-S
	2.20 ~~0.970~~	0.350	SC-02519-S
	2.59 ~~1.140~~	0.410	SC-03005-S
	2.54 ~~1.120~~	0.390	SC-03004-S
	0.86 ~~0.380~~	0.760	SC-03009-S

5.21.97

CU DATA REPORT

PARAMETER	CONCENTRA	DETECTION LIMIT	LOCATION
RADIUM-226	2.50 ~~1.100~~	0.400	SC-03010-S
	2.04 ~~0.900~~	0.210	SC-03014-S
	2.52 ~~1.110~~	0.250	SC-03015-S
	0.93 ~~0.410~~	0.820	SC-03017-C
	0.85 ~~0.375~~	0.750	SC-03016-S
	1.93 ~~0.850~~	0.320	SC-02501-S
	AAAAAAAAA	This average corrected to reflect/include	
RADIUM-226	~~0.837~~ 2.00	① 2.27 multiplier ② utility samples in the back (last pg.) MAH 5-21-97	
RADIUM-228	1.070	0.440	SC-03010-S
	0.585	1.170	SC-03014-S
	1.040	0.370	SC-03015-S
	1.220	0.470	SC-03016-S
	1.120	0.570	SC-03019-S
	1.080	0.380	SC-03018-S
	1.280	0.560	SC-03017-S
	1.210	0.550	SC-03017-C
	1.370	0.540	SC-02513-S
	1.450	0.270	SC-03005-S
	1.160	0.520	SC-03009-S
	1.450	0.520	SC-03004-S
	1.320	0.360	SC-02519-S
	1.270	0.380	SC-02507-S
	1.110	0.670	SC-02501-S
	0.550	1.100	SC-03020-S
	AAAAAAAAA	Average corrected to reflect/include	
RADIUM-228	~~1.143~~ 1.16 MAH 5-21-97	5 utility samples on last page.	
Thorium-230	1.780	0.210	SC-03014-S
	1.450	0.220	SC-03016-S
	1.890	0.210	SC-03005-S
	2.280	0.150	SC-03009-S
	3.140	0.060	SC-03004-S
	3.890	0.140	SC-03017-C
	1.670	0.190	SC-03015-S
	1.930	0.120	SC-03010-S
	1.710	0.100	SC-03020-S
	1.960	0.160	SC-02507-S
	1.6 ~~62.600~~	~~0.340~~	~~SC-02501-S~~
	1.860	0.160	SC-02519-S
	1.700	0.140	SC-03018-S
	2.030	0.070	SC-03003-C
	1.370	0.160	SC-03008-S
	1.750	0.110	SC-03019-S
	1.320	0.110	SC-03017-S
	1.850	0.180	SC-02513-S
	AAAAAAAAA	Average changed to include	
Thorium-230	New Avg. ~~5.343~~ ~~1.95~~ 1.7	5 utility samples on last page.	
URANIUM-238	1.985 MAH 5-21-97	3.970	SC-03008-S
	5.840	3.170	SC-03006-S

The location was reexcavated under CU025. The area was then resampled:
New sample = 1.6 pCi/g
duplicate = 2.7 pCi/g

CU DATA REPORT

PARAMETER	CONCENTRA	DETECTION LIMIT	LOCATION
URANIUM-238	2.025	4.050	SC-02507-S
	2.105	4.210	SC-03017-S
	5.880	3.970	SC-03721-S
	1.605	3.210	SC-03019-S
	1.605	3.210	SC-03722-S
	1.975	3.950	SC-02501-S
	1.535	3.070	SC-03018-S
	1.955	3.910	SC-03020-S
	3.540	3.030	SC-02919-S
	1.510	3.020	SC-03013-S
	1.540	3.080	SC-03015-S
	1.540	3.080	SC-03011-S
	1.975	3.950	SC-03010-S
	1.925	3.850	SC-03009-S
	2.055	4.110	SC-03014-S
	1.535	3.070	SC-03012-S
	1.605	3.210	SC-03007-S
	2.025	4.050	SC-03005-S
	3.420	3.230	SC-03001-S
	1.550	3.100	SC-03003-S
	25.710	5.010	SC-03002-S
	2.005	4.010	SC-03004-S
	11.450	2.580	SC-02918-S
	11.120	3.140	SC-02917-S
	4.260	2.910	SC-02916-S
	1.570	3.140	SC-02519-S
	1.940	3.880	SC-02513-S
	2.400	4.800	SC-03016-S
	AAAAAAAAA		
URANIUM-238	~~3.706~~ 3.43		
	AAAAAAAAA		
	3.755		

Average changed to reflect the 5 untilty sample results on last page

MGL 5.21.97

Results for RU006CU030 - Utility Samples (-U)

Uranium 238

Sample_ID	Parameter	Concentration	Units	Request
SC-03001-U	Radium 226	2.13	pCi/g	WP087
SC-03001-U	Radium 228	1.02	pCi/g	WP087
SC-03001-U	Thorium 230	0.96	pCi/g	QT1390
SC-03001-U	Thorium 232	1.05	pCi/g	WP087
SC-03001-U	Uranium 238	<3.11	pCi/g	WP087
SC-03001-U	Lead	34.3	mg/kg	QT1390
SC-03001-U	PCB	<0.042	mg/kg	QT1390
SC-03002-U	Radium 226	2.36	pCi/g	WP087
SC-03002-U	Radium 228	1.30	pCi/g	WP087
SC-03002-U	Thorium 230	1.71	pCi/g	QT1390
SC-03002-U	Thorium 232	1.33	pCi/g	WP087
SC-03002-U	Uranium 238	<3.34	pCi/g	WP087
SC-03002-U	Lead	9.4	mg/kg	QT1390
SC-03002-U	PCB	<0.045	mg/kg	QT1390
SC-03003-U	Radium 226	2.75	pCi/g	WP087
SC-03003-U	Radium 228	1.24	pCi/g	WP087
SC-03003-U	Thorium 230	1.38	pCi/g	QT1390
SC-03003-U	Thorium 232	1.27	pCi/g	WP087
SC-03003-U	Uranium 238	<4.27	pCi/g	WP087
SC-03003-U	Lead	16.0	mg/kg	QT1390
SC-03003-U	PCB	<0.046	mg/kg	QT1390
SC-03004-U	Radium 226	2.36	pCi/g	WP087
SC-03004-U	Radium 228	1.16	pCi/g	WP087
SC-03004-U	Thorium 230	1.19	pCi/g	QT1390
SC-03004-U	Thorium 232	1.19	pCi/g	WP087
SC-03004-U	Uranium 238	<3.15	pCi/g	WP087
SC-03004-U	Lead	20.2	mg/kg	QT1390
SC-03004-U	PCB	<0.043	mg/kg	QT1390
SC-03005-U	Radium 226	1.97	pCi/g	WP087
SC-03005-U	Radium 228	1.44	pCi/g	WP087
SC-03005-U	Thorium 230	1.04	pCi/g	QT1390
SC-03005-U	Thorium 232	1.48	pCi/g	WP087
SC-03005-U	Uranium 238	<4.08	pCi/g	WP087
SC-03005-U	Lead	15.9	mg/kg	QT1390
SC-03005-U	PCB	<0.045	mg/kg	QT1390

Review Form 96-01
06/20/96

Weldon Spring Site Remedial Action Project
7295 Highway 94 South, St. Charles, Missouri, 63304

ES&H 1.2.1.1, Rev. 1, 03/96

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

SECTION I

1. Work Package Number: WP420 2. Date: 7·2·96 3. Review Form #: 96-013a

4. Remediation Unit Number: RU006 5. Confirmation Unit Number: CU031 (map attached)

6. Contaminants of Concern: X U-238 X Th-230 X Th-232 X Ra-226 X Ra-228
___ TNT X PCB ___ PAH X As X Cr X Pb ___ Tl

7. Results average below ALARA goal(s)?	X Yes ___ No
8. All results below cleanup criteria?	X Yes ___ No
9. Any results greater than 3X criteria?	___ Yes X No
10. Hotspots present (less than 3X criteria)?	___ Yes X No

Parameter	Size	Concentration	Complies with Plan?
N/A			___ Yes ___ No
			___ Yes ___ No
			___ Yes ___ No
			___ Yes ___ No

11. Reviewer: Melvin H. Lutz Date: 7/2/96

12. Reviewer Disposition Recommendation: X Release for Unrestricted Use (Section II)
___ Additional Excavation Required (Section IV)
___ ALARA Committee Required (Section III)

SECTION II *Results are ALARA. CU is released for unrestricted use.*

14. ES&H Manager: [signature] Date: 7/2/96

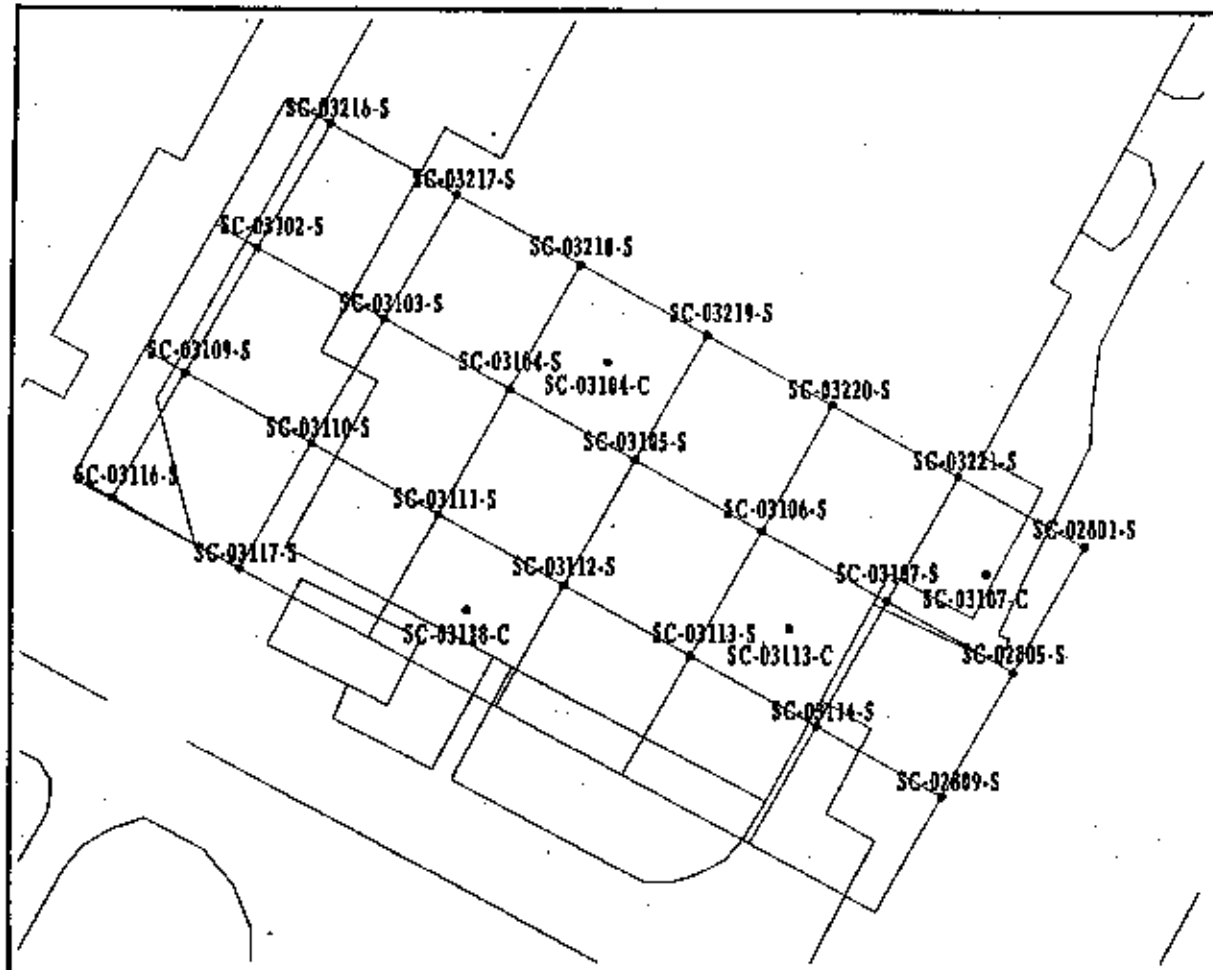
15. DOE Project Manager/Engineer: Thomas C. Pauling Date: 7/2/96

16. Project Manager: [signature] Date: 7/2/96

17. Construction Engineer: Darrell L Clapper Date: 7/2/96

SEE ATTACHED RESULTS AND MAP

No Utilities



Review Form 96-013c

Sample Locations in Remedial Unit RU006 Confirmation Unit CU031

Figure B-12

EXHIBIT NO.: A/CP/094/1295		REPORT NO.: DOE/OR/21548-590	
ORIGINATOR: MGL	DRAWN BY: WSSRAP GIS	DATE: 3/96	

CU DATA REPORT

PARAMETER	CONCENTRA LIMIT	DETECTION	LOCATION
Aroclor-1016	0.000	37.000	SC-03110-S
	0.000	40.000	SC-03107-S
	0.000	43.000	SC-03217-S
	0.000	35.000	SC-03220-S
	0.000	48.000	SC-03221-S
	0.000	36.000	SC-03118-C
	0.000	39.000	SC-03113-C
	0.000	40.000	SC-03109-S
	0.000	38.000	SC-03105-S
	0.000	44.000	SC-03218-S
	0.000	42.000	SC-03102-S
	0.000	43.000	SC-03112-S
	0.000	42.000	SC-03104-C
	0.000	38.000	SC-03113-S
	0.000	41.000	SC-03219-S
	0.000	40.000	SC-03216-S
	0.000	40.000	SC-03106-S
	0.000	44.000	SC-03111-S
	0.000	39.000	SC-03117-S
	0.000	42.000	SC-03104-S
	0.000	43.000	SC-03103-S
	0.000	41.000	SC-03107-C
	AAAAAAAAA		
Aroclor-1016	0.000		
Aroclor-1221	0.000	42.000	SC-03104-C
	0.000	42.000	SC-03104-S
	0.000	40.000	SC-03216-S
	0.000	38.000	SC-03113-S
	0.000	43.000	SC-03103-S
	0.000	36.000	SC-03118-C
	0.000	44.000	SC-03111-S
	0.000	40.000	SC-03107-S
	0.000	39.000	SC-03117-S
	0.000	39.000	SC-03113-C
	0.000	40.000	SC-03106-S
	0.000	42.000	SC-03102-S
	0.000	43.000	SC-03112-S
	0.000	44.000	SC-03218-S
	0.000	35.000	SC-03220-S
	0.000	37.000	SC-03110-S
	0.000	48.000	SC-03221-S
	0.000	41.000	SC-03107-C
	0.000	40.000	SC-03109-S
	0.000	38.000	SC-03105-S
	0.000	41.000	SC-03219-S
	0.000	43.000	SC-03217-S
	AAAAAAAAA		
Aroclor-1221	0.000		
Aroclor-1232	0.000	41.000	SC-03107-C

CU DATA REPORT

PARAMETER	CONCENTRA LIMIT	DETECTION	LOCATION
Aroclor-1232	0.000	36.000	SC-03118-C
	0.000	44.000	SC-03111-S
	0.000	44.000	SC-03218-S
	0.000	38.000	SC-03105-S
	0.000	42.000	SC-03102-S
	0.000	43.000	SC-03217-S
	0.000	38.000	SC-03113-S
	0.000	42.000	SC-03104-S
	0.000	35.000	SC-03220-S
	0.000	40.000	SC-03216-S
	0.000	37.000	SC-03110-S
	0.000	40.000	SC-03109-S
	0.000	43.000	SC-03112-S
	0.000	42.000	SC-03104-C
	0.000	41.000	SC-03219-S
	0.000	40.000	SC-03106-S
	0.000	39.000	SC-03117-S
	0.000	48.000	SC-03221-S
	0.000	39.000	SC-03113-C
	0.000	40.000	SC-03107-S
	0.000	43.000	SC-03103-S
	AAAAAAAAA		
Aroclor-1232	0.000		
Aroclor-1242	0.000	42.000	SC-03104-C
	0.000	43.000	SC-03112-S
	0.000	42.000	SC-03102-S
	0.000	38.000	SC-03113-S
	0.000	39.000	SC-03113-C
	0.000	44.000	SC-03218-S
	0.000	42.000	SC-03104-S
	0.000	43.000	SC-03103-S
	0.000	40.000	SC-03216-S
	0.000	40.000	SC-03109-S
	0.000	37.000	SC-03110-S
	0.000	38.000	SC-03105-S
	0.000	35.000	SC-03220-S
	0.000	44.000	SC-03111-S
	0.000	40.000	SC-03106-S
	0.000	48.000	SC-03221-S
	0.000	41.000	SC-03219-S
	0.000	40.000	SC-03107-S
	0.000	36.000	SC-03118-C
	0.000	39.000	SC-03117-S
	0.000	41.000	SC-03107-C
	0.000	43.000	SC-03217-S
	AAAAAAAAA		
Aroclor-1242	0.000		
Aroclor-1248	0.000	43.000	SC-03217-S
	0.000	41.000	SC-03107-C

CU DATA REPORT

PARAMETER	CONCENTRA LIMIT	DETECTION	LOCATION
Aroclor-1248	0.000	40.000	SC-03107-S
	0.000	35.000	SC-03220-S
	0.000	37.000	SC-03110-S
	0.000	38.000	SC-03105-S
	0.000	44.000	SC-03111-S
	0.000	42.000	SC-03104-C
	0.000	40.000	SC-03106-S
	0.000	36.000	SC-03118-C
	0.000	42.000	SC-03102-S
	0.000	42.000	SC-03104-S
	0.000	39.000	SC-03117-S
	0.000	44.000	SC-03218-S
	0.000	48.000	SC-03221-S
	0.000	39.000	SC-03113-C
	0.000	40.000	SC-03109-S
	0.000	38.000	SC-03113-S
	0.000	43.000	SC-03103-S
	0.000	43.000	SC-03112-S
	0.000	40.000	SC-03216-S
	0.000	41.000	SC-03219-S
	AAAAAAAAA		
Aroclor-1248	0.000		
Aroclor-1254	0.000	39.000	SC-03117-S
	0.000	38.000	SC-03113-S
	0.000	42.000	SC-03102-S
	56.000	36.000	SC-03118-C
	0.000	35.000	SC-03220-S
	0.000	42.000	SC-03104-C
	0.000	43.000	SC-03103-S
	0.000	43.000	SC-03217-S
	0.000	40.000	SC-03109-S
	0.000	44.000	SC-03218-S
	0.000	40.000	SC-03107-S
	0.000	42.000	SC-03104-S
	0.000	38.000	SC-03105-S
	0.000	40.000	SC-03216-S
	0.000	43.000	SC-03112-S
	0.000	41.000	SC-03219-S
	0.000	37.000	SC-03110-S
	0.000	41.000	SC-03107-C
	0.000	44.000	SC-03111-S
	0.000	39.000	SC-03113-C
	0.000	48.000	SC-03221-S
	0.000	40.000	SC-03106-S
	AAAAAAAAA		
Aroclor-1254	2.545		
Aroclor-1260	0.000	42.000	SC-03102-S
	0.000	48.000	SC-03221-S
	0.000	40.000	SC-03216-S

CU DATA REPORT

PARAMETER	CONCENTRA	DETECTION LIMIT	LOCATION
Aroclor-1260	0.000	35.000	SC-03220-S
	0.000	43.000	SC-03217-S
	0.000	43.000	SC-03112-S
	0.000	40.000	SC-03106-S
	0.000	41.000	SC-03219-S
	0.000	36.000	SC-03118-C
	0.000	42.000	SC-03104-S
	0.000	38.000	SC-03113-S
	0.000	40.000	SC-03107-S
	0.000	41.000	SC-03107-C
	0.000	44.000	SC-03111-S
	0.000	39.000	SC-03117-S
	0.000	38.000	SC-03105-S
	0.000	43.000	SC-03103-S
	0.000	37.000	SC-03110-S
	0.000	40.000	SC-03109-S
	0.000	44.000	SC-03218-S
	0.000	39.000	SC-03113-C
	0.000	42.000	SC-03104-C
	AAAAAAAAA		
Aroclor-1260	0.000		
Arsenic	6.000	2.600	SC-03218-S
	5.500	2.300	SC-03105-S
	3.600	2.400	SC-03216-S
	3.300	2.500	SC-03219-S
	2.900	2.300	SC-03110-S
	8.200	2.300	SC-03117-S
	4.600	2.500	SC-03104-C
	4.900	2.500	SC-03107-C
	4.200	2.400	SC-03107-S
	6.400	2.300	SC-03113-S
	5.200	2.400	SC-03113-C
	8.700	2.100	SC-03118-C
	5.100	2.600	SC-03104-S
	6.000	2.600	SC-03217-S
	6.100	2.500	SC-03102-S
	6.800	2.700	SC-03111-S
	3.000	2.600	SC-03112-S
	3.700	2.600	SC-03103-S
	7.200	2.900	SC-03221-S
	5.200	2.400	SC-03109-S
	6.400	2.100	SC-03220-S
	5.400	2.400	SC-03106-S
	AAAAAAAAA		
Arsenic	5.382		
Chromium	13.200	2.900	SC-03104-C
	16.800	3.000	SC-03104-S
	16.200	2.700	SC-03113-S
	13.200	2.700	SC-03117-S

CU DATA REPORT

PARAMETER	CONCENTRA	DETECTION LIMIT	LOCATION
Chromium	14.400	2.700	SC-03107-S
	10.900	3.000	SC-03103-S
	11.300	2.800	SC-03219-S
	14.900	2.700	SC-03106-S
	13.900	2.900	SC-03102-S
	15.600	2.800	SC-03216-S
	12.800	3.000	SC-03218-S
	16.300	2.600	SC-03105-S
	9.800	2.600	SC-03110-S
	15.500	2.700	SC-03113-C
	11.700	2.700	SC-03109-S
	16.800	2.500	SC-03118-C
	13.500	2.800	SC-03107-C
	9.500	3.000	SC-03112-S
	20.800	2.400	SC-03220-S
	11.000	3.000	SC-03217-S
	17.400	3.400	SC-03221-S
	13.100	3.100	SC-03111-S
	AAAAAAAAA		
Chromium	14.027		
Lead	9.700	0.790	SC-03103-S
	26.100	0.700	SC-03117-S
	11.500	0.680	SC-03105-S
	8.800	0.720	SC-03109-S
	8.300	0.740	SC-03219-S
	16.600	0.710	SC-03113-C
	15.900	0.750	SC-03102-S
	5.400	0.680	SC-03110-S
	12.600	0.880	SC-03221-S
	10.500	0.720	SC-03106-S
	12.300	0.790	SC-03218-S
	19.500	0.770	SC-03104-S
	10.900	0.780	SC-03112-S
	11.900	0.760	SC-03104-C
	8.600	0.690	SC-03113-S
	10.300	0.630	SC-03220-S
	6.300	0.730	SC-03216-S
	10.200	0.810	SC-03111-S
	7.800	0.770	SC-03217-S
	22.500	0.640	SC-03118-C
	7.300	0.740	SC-03107-C
	6.300	0.720	SC-03107-S
	AAAAAAAAA		
Lead	11.786		
Percent Moisture	22.560	0.000	SC-03217-S
	16.120	0.000	SC-03107-S
	18.830	0.000	SC-03107-C
	20.690	0.000	SC-03104-C
	18.890	0.000	SC-03219-S

CU DATA REPORT

PARAMETER	CONCENTRA	DETECTION LIMIT	LOCATION
Percent Moisture	24.300	0.000	SC-03218-S
	13.490	0.000	SC-03113-S
	19.980	0.000	SC-03102-S
	23.630	0.000	SC-03103-S
	15.150	0.000	SC-03113-C
	16.170	0.000	SC-03106-S
	22.820	0.000	SC-03112-S
	12.080	0.000	SC-03105-S
	31.480	0.000	SC-03221-S
	25.790	0.000	SC-03111-S
	11.260	0.000	SC-03110-S
	6.390	0.000	SC-03118-C
	5.450	0.000	SC-03220-S
	14.490	0.000	SC-03117-S
	17.280	0.000	SC-03216-S
	22.100	0.000	SC-03104-S
	16.210	0.000	SC-03109-S
	AAAAAAAAA		
Percent Moisture	17.962		
RADIUM-226	1.930	0.300	SC-03104-S
	2.110	0.280	SC-03107-C
	2.500	0.310	SC-03107-S
	1.910	0.220	SC-03103-S
	2.110	0.330	SC-03216-S
	1.950	0.260	SC-03220-S
	2.590	0.310	SC-03221-S
	2.750	0.370	SC-03104-C
	2.520	0.330	SC-03113-S
	2.340	0.310	SC-03106-S
	1.500	0.240	SC-03217-S
	2.040	0.240	SC-03109-S
	2.250	0.330	SC-03117-S
	2.090	0.340	SC-03218-S
	1.970	0.340	SC-03110-S
	1.680	0.290	SC-03111-S
	1.520	0.330	SC-03112-S
	2.320	0.430	SC-03113-C
	2.360	0.360	SC-03105-S
	2.220	0.350	SC-03118-C
	1.700	0.340	SC-03102-S
	2.020	0.220	SC-03219-S
	AAAAAAAAA		
RADIUM-226	2.108		
RADIUM-228	1.430	0.510	SC-03110-S
	1.260	0.670	SC-03117-S
	1.510	0.510	SC-03109-S
	1.590	0.270	SC-03118-C
	1.290	0.340	SC-03106-S
	1.530	0.380	SC-03107-S

CU DATA REPORT

PARAMETER	CONCENTRA	DETECTION LIMIT	LOCATION
RADIUM-228	1.410	0.490	SC-03112-S
	1.430	0.370	SC-03103-S
	1.550	0.290	SC-03113-C
	1.270	0.420	SC-03217-S
	1.210	0.430	SC-03105-S
	1.270	0.440	SC-03111-S
	1.190	0.420	SC-03220-S
	1.180	0.410	SC-03107-C
	1.230	0.350	SC-03104-S
	0.615	1.230	SC-03216-S
	1.310	0.580	SC-03102-S
	1.060	0.250	SC-03104-C
	1.730	0.480	SC-03218-S
	1.330	0.320	SC-03219-S
	1.330	0.460	SC-03113-S
	1.450	0.440	SC-03221-S
	AAAAAAAAA		
RADIUM-228	1.326		
Thorium-230	0.940	0.200	SC-03103-S
	0.660	0.210	SC-03219-S
	0.960	0.025	SC-03106-S
	0.840	0.130	SC-03216-S
	2.260	0.170	SC-03221-S
	1.720	0.170	SC-03220-S
	1.060	0.140	SC-03109-S
	0.970	0.230	SC-03104-S
	1.220	0.140	SC-03105-S
	1.470	0.140	SC-03118-C
	0.560	0.170	SC-03112-S
	1.300	0.130	SC-03107-C
	1.080	0.100	SC-03107-S
	1.280	0.110	SC-03110-S
	1.010	0.059	SC-03113-S
	0.950	0.130	SC-03111-S
	1.380	0.130	SC-03113-C
	0.850	0.051	SC-03117-S
	0.890	0.110	SC-03218-S
	0.890	0.160	SC-03104-C
	0.055	0.110	SC-03102-S
	0.680	0.085	SC-03217-S
	AAAAAAAAA		
Thorium-230	1.047		
URANIUM-238	6.380	2.530	SC-03113-C
	2.970	2.640	SC-03107-S
	2.085	4.170	SC-03218-S
	1.470	2.940	SC-03104-S
	2.260	4.520	SC-02801-S
	1.605	3.210	SC-03219-S
	1.800	3.600	SC-03102-S

CU DATA REPORT

PARAMETER	CONCENTRA	DETECTION LIMIT	LOCATION
URANIUM-238	1.870	2.030	SC-03106-S
	2.090	3.910	SC-03105-S
	14.610	4.410	SC-03220-S
	2.380	2.980	SC-02805-S
	1.490	2.980	SC-03116-S
	14.220	3.050	SC-03221-S
	2.060	4.120	SC-03110-S
	2.285	4.570	SC-03104-C
	1.530	3.060	SC-03217-S
	1.610	3.220	SC-03113-S
	2.130	4.260	SC-03118-C
	10.640	3.110	SC-03107-C
	1.840	3.680	SC-03117-S
	2.000	4.000	SC-02809-S
	6.250	2.780	SC-03111-S
	1.555	3.110	SC-03109-S
	1.510	3.020	SC-03103-S
	1.855	3.710	SC-03216-S
	4.470	2.720	SC-03114-S
	1.800	3.600	SC-03112-S
	AAAAAAAAA		
URANIUM-238	3.584		
	AAAAAAAAA		
	3.920		

Weldon Spring Site Remedial Action Project
7295 Highway 94 South, St. Charles, Missouri, 63304

ES&H 1.2.1.1, Rev. 1, 03/96

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

SECTION I

1. Work Package Number: WP420 2. Date: 07.02.96 3. Review Form #: 96-014b

4. Remediation Unit Number: RU006 5. Confirmation Unit Number: CU032 (map attached)

6. Contaminants of Concern: X U-238 X Th-230 X Th-232 X Ra-226 X Ra-228
   ___ TNT X PCB ___ PAH X As X Cr X Pb ___ Tl

7. Results average below ALARA goal(s)?	X Yes	___ No
8. All results below cleanup criteria?	___ Yes	X No
9. Any results greater than 3X criteria?	___ Yes	X No
10. Hotspots present (less than 3X criteria)?	X Yes	___ No

Parameter	Size	Concentration	Complies with Plan?
U-238	225 m^2	169 pCi/g	X Yes ___ No
			___ Yes ___ No
			___ Yes ___ No
			___ Yes ___ No

11. Reviewer: Melissa M. Lisby Date: 7/2/96

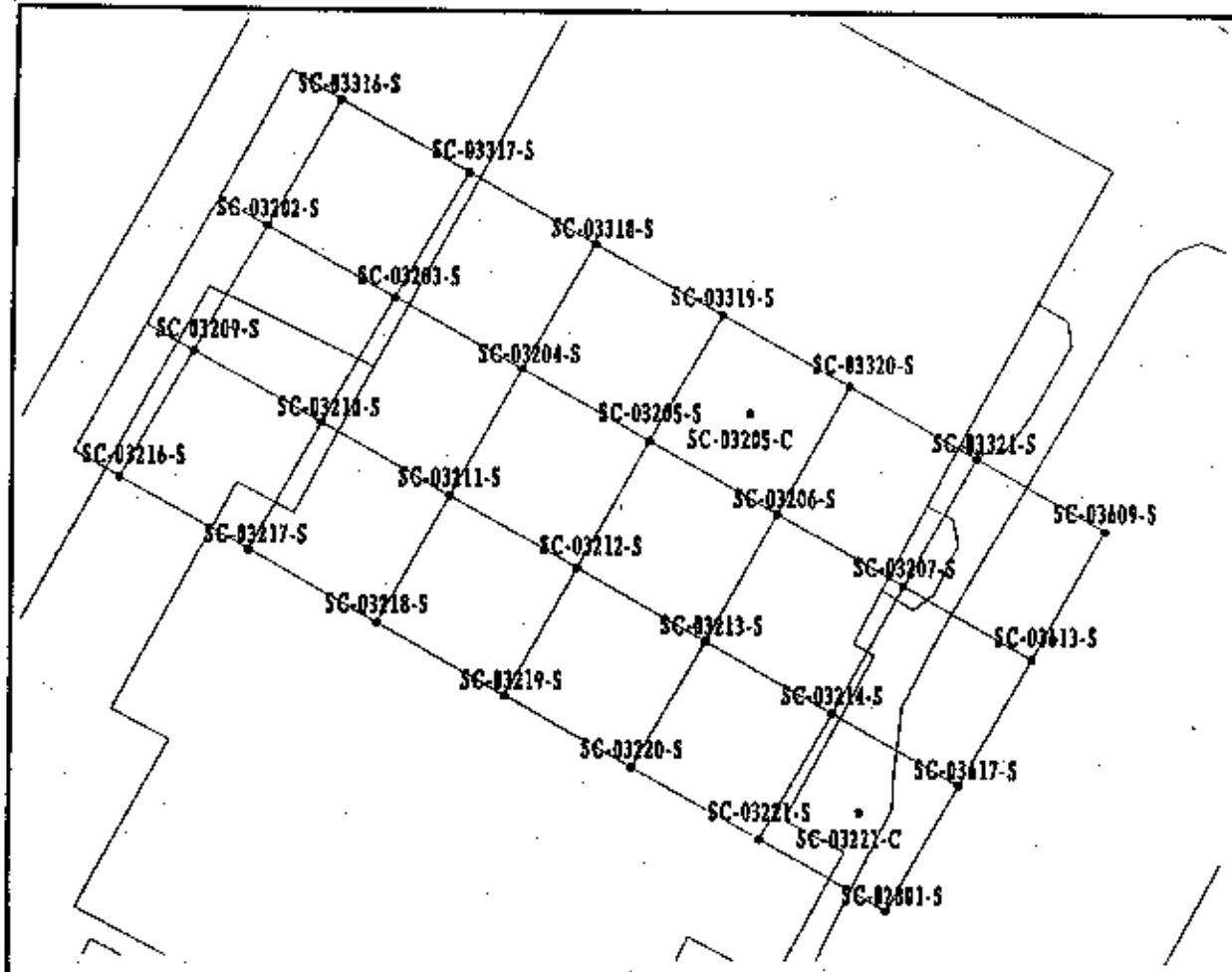
12. Reviewer Disposition Recommendation: X Release for Unrestricted Use (Section II)
    ___ Additional Excavation Required (Section IV)
    ___ ALARA Committee Required (Section III)

SECTION II ***Results are ALARA. CU is released for unrestricted use.***

14. ES&H Manager: [signature] Date: 7/2/96
15. DOE Project Manager/Engineer: Thomas C. Bantz Date: 7/2/96
16. Project Manager: [signature] Date: 7/2/96
17. Construction Engineer: Daniel L Cagle Date: 7/2/96

SEE ATTACHED RESULTS AND MAP

No Utilities.



10 5 0 10 METERS

30 15 0 30 FEET

N
W
E
S

Review Form 96-0146

Sample Locations in Remedial Unit RU006 Confirmation Unit CU032

Figure B-13

EXHIBIT NO.: A/CP/095/1295		REPORT NO.: DOE/OR/21548-590	
ORIGINATOR: MGL	DRAWN BY: WSSRAP GIS	DATE: 3/96	

CU DATA REPORT

PARAMETER	CONCENTRA LIMIT	DETECTION	LOCATION
Aroclor-1016	0.000	43.000	SC-03217-S
	0.000	35.000	SC-03220-S
	0.000	48.000	SC-03221-S
	0.000	39.000	SC-03203-S
	0.000	44.000	SC-03218-S
	0.000	41.000	SC-03319-S
	0.000	41.000	SC-03317-S
	0.000	42.000	SC-03318-S
	0.000	39.000	SC-03221-C
	0.000	41.000	SC-03320-S
	0.000	40.000	SC-03206-S
	0.000	40.000	SC-03210-S
	0.000	43.000	SC-03212-S
	0.000	37.000	SC-03204-S
	0.000	41.000	SC-03219-S
	0.000	40.000	SC-03216-S
	0.000	44.000	SC-03214-S
	0.000	39.000	SC-03213-S
	0.000	38.000	SC-03205-S
	0.000	41.000	SC-03211-S
	0.000	39.000	SC-03205-C
	AAAAAAAAA		
Aroclor-1016	0.000		
Aroclor-1221	0.000	40.000	SC-03216-S
	0.000	44.000	SC-03214-S
	0.000	41.000	SC-03317-S
	0.000	37.000	SC-03204-S
	0.000	42.000	SC-03318-S
	0.000	41.000	SC-03320-S
	0.000	40.000	SC-03210-S
	0.000	41.000	SC-03211-S
	0.000	39.000	SC-03205-C
	0.000	41.000	SC-03319-S
	0.000	44.000	SC-03218-S
	0.000	35.000	SC-03220-S
	0.000	48.000	SC-03221-S
	0.000	41.000	SC-03219-S
	0.000	40.000	SC-03206-S
	0.000	38.000	SC-03205-S
	0.000	39.000	SC-03221-C
	0.000	39.000	SC-03203-S
	0.000	43.000	SC-03217-S
	0.000	39.000	SC-03213-S
	0.000	43.000	SC-03212-S
	AAAAAAAAA		
Aroclor-1221	0.000		
Aroclor-1232	0.000	44.000	SC-03218-S
	0.000	41.000	SC-03320-S
	0.000	43.000	SC-03217-S

CU DATA REPORT

PARAMETER	CONCENTRA LIMIT	DETECTION	LOCATION
Aroclor-1232	0.000	35.000	SC-03220-S
	0.000	40.000	SC-03216-S
	0.000	41.000	SC-03319-S
	0.000	42.000	SC-03318-S
	0.000	39.000	SC-03203-S
	0.000	38.000	SC-03205-S
	0.000	41.000	SC-03211-S
	0.000	39.000	SC-03221-C
	0.000	41.000	SC-03317-S
	0.000	41.000	SC-03219-S
	0.000	44.000	SC-03214-S
	0.000	48.000	SC-03221-S
	0.000	39.000	SC-03213-S
	0.000	40.000	SC-03210-S
	0.000	40.000	SC-03206-S
	0.000	43.000	SC-03212-S
	0.000	39.000	SC-03205-C
	0.000	37.000	SC-03204-S
	AAAAAAAAA		
Aroclor-1232	0.000		
Aroclor-1242	0.000	44.000	SC-03218-S
	0.000	42.000	SC-03318-S
	0.000	40.000	SC-03216-S
	0.000	41.000	SC-03211-S
	0.000	41.000	SC-03317-S
	0.000	41.000	SC-03320-S
	0.000	35.000	SC-03220-S
	0.000	39.000	SC-03221-C
	0.000	48.000	SC-03221-S
	0.000	44.000	SC-03214-S
	0.000	41.000	SC-03219-S
	0.000	39.000	SC-03203-S
	0.000	38.000	SC-03205-S
	0.000	41.000	SC-03319-S
	0.000	37.000	SC-03204-S
	0.000	39.000	SC-03213-S
	0.000	39.000	SC-03205-C
	0.000	40.000	SC-03206-S
	0.000	43.000	SC-03212-S
	0.000	40.000	SC-03210-S
	0.000	43.000	SC-03217-S
	AAAAAAAAA		
Aroclor-1242	0.000		
Aroclor-1248	0.000	43.000	SC-03217-S
	0.000	35.000	SC-03220-S
	0.000	41.000	SC-03319-S
	0.000	39.000	SC-03203-S
	0.000	41.000	SC-03320-S
	0.000	42.000	SC-03318-S

CU DATA REPORT

PARAMETER	CONCENTRA LIMIT	DETECTION	LOCATION
Aroclor-1248	0.000	39.000	SC-03205-C
	0.000	37.000	SC-03204-S
	0.000	40.000	SC-03206-S
	0.000	41.000	SC-03317-S
	0.000	44.000	SC-03218-S
	0.000	48.000	SC-03221-S
	0.000	38.000	SC-03205-S
	0.000	39.000	SC-03221-C
	0.000	39.000	SC-03213-S
	0.000	41.000	SC-03211-S
	0.000	44.000	SC-03214-S
	0.000	40.000	SC-03216-S
	0.000	40.000	SC-03210-S
	0.000	43.000	SC-03212-S
	0.000	41.000	SC-03219-S
	AAAAAAAAA		
Aroclor-1248	0.000		
Aroclor-1254	0.000	41.000	SC-03319-S
	0.000	41.000	SC-03211-S
	0.000	35.000	SC-03220-S
	0.000	42.000	SC-03318-S
	0.000	41.000	SC-03317-S
	0.000	38.000	SC-03205-S
	0.000	39.000	SC-03203-S
	0.000	40.000	SC-03210-S
	0.000	43.000	SC-03212-S
	0.000	43.000	SC-03217-S
	0.000	41.000	SC-03320-S
	0.000	44.000	SC-03218-S
	0.000	37.000	SC-03204-S
	0.000	40.000	SC-03216-S
	290.000	39.000	SC-03221-C
	0.000	41.000	SC-03219-S
	0.000	39.000	SC-03203-C
	68.000	44.000	SC-03214-S
	0.000	48.000	SC-03221-S
	0.000	40.000	SC-03206-S
	0.000	39.000	SC-03213-S
	AAAAAAAAA		
Aroclor-1254	17.048		
Aroclor-1260	0.000	41.000	SC-03317-S
	0.000	39.000	SC-03213-S
	0.000	42.000	SC-03318-S
	0.000	44.000	SC-03214-S
	0.000	48.000	SC-03221-S
	0.000	39.000	SC-03221-C
	0.000	40.000	SC-03216-S
	0.000	35.000	SC-03220-S
	0.000	43.000	SC-03217-S

CU DATA REPORT

PARAMETER	CONCENTRA	DETECTION LIMIT	LOCATION
Aroclor-1260	0.000	39.000	SC-03203-S
	0.000	41.000	SC-03219-S
	0.000	38.000	SC-03205-S
	0.000	40.000	SC-03210-S
	0.000	41.000	SC-03320-S
	0.000	43.000	SC-03212-S
	0.000	40.000	SC-03206-S
	0.000	39.000	SC-03205-C
	0.000	37.000	SC-03204-S
	0.000	41.000	SC-03319-S
	0.000	44.000	SC-03218-S
	0.000	41.000	SC-03211-S
	AAAAAAAAA		
Aroclor-1260	0.000		
Arsenic	6.000	2.600	SC-03218-S
	5.900	2.500	SC-03320-S
	5.300	2.500	SC-03318-S
	5.200	2.300	SC-03203-S
	3.600	2.400	SC-03216-S
	3.300	2.500	SC-03219-S
	5.100	2.400	SC-03210-S
	6.300	2.200	SC-03204-S
	8.600	2.300	SC-03205-S
	3.000	2.600	SC-03212-S
	10.200	2.300	SC-03221-C
	4.200	2.400	SC-03206-S
	6.000	2.600	SC-03217-S
	9.900	2.400	SC-03205-C
	5.100	2.500	SC-03317-S
	6.100	2.500	SC-03211-S
	5.200	2.500	SC-03319-S
	7.200	2.900	SC-03221-S
	6.400	2.100	SC-03220-S
	9.800	2.400	SC-03213-S
	3.200	2.700	SC-03214-S
	AAAAAAAAA		
Arsenic	5.981		
Chromium	11.500	2.700	SC-03203-S
	9.500	3.000	SC-03212-S
	11.900	2.700	SC-03205-S
	11.300	2.800	SC-03219-S
	9.600	2.800	SC-03211-S
	15.600	2.800	SC-03216-S
	12.800	3.000	SC-03218-S
	13.400	2.700	SC-03213-S
	10.800	2.600	SC-03204-S
	12.400	2.800	SC-03319-S
	10.100	3.100	SC-03214-S
	13.300	2.900	SC-03318-S

CU DATA REPORT

PARAMETER	CONCENTRA	DETECTION LIMIT	LOCATION
Chromium	10.500	2.800	SC-03317-S
	13.200	2.800	SC-03210-S
	15.800	2.800	SC-03206-S
	20.800	2.400	SC-03220-S
	11.000	3.000	SC-03217-S
	12.500	2.700	SC-03221-C
	12.100	2.700	SC-03205-C
	17.400	3.400	SC-03221-S
	16.700	2.900	SC-03320-S
	AAAAAAAAA		
Chromium	12.962		
Lead	13.800	0.750	SC-03318-S
	5.900	0.730	SC-03206-S
	9.100	0.670	SC-03204-S
	8.300	0.740	SC-03219-S
	17.500	0.700	SC-03205-S
	17.400	0.750	SC-03320-S
	13.900	0.700	SC-03221-C
	16.100	0.710	SC-03213-S
	12.600	0.880	SC-03221-S
	8.400	0.740	SC-03211-S
	7.700	0.700	SC-03203-S
	10.900	0.740	SC-03319-S
	6.400	0.790	SC-03212-S
	12.300	0.790	SC-03218-S
	12.300	0.740	SC-03317-S
	40.700	0.710	SC-03205-C
	10.300	0.630	SC-03220-S
	6.300	0.730	SC-03216-S
	7.100	0.800	SC-03214-S
	7.400	0.730	SC-03210-S
	7.800	0.770	SC-03217-S
	AAAAAAAAA		
Lead	12.010		
Percent Moisture	22.560	0.000	SC-03217-S
	18.890	0.000	SC-03219-S
	17.420	0.000	SC-03206-S
	18.780	0.000	SC-03211-S
	14.780	0.000	SC-03221-C
	24.300	0.000	SC-03218-S
	19.280	0.000	SC-03319-S
	19.130	0.000	SC-03317-S
	25.100	0.000	SC-03214-S
	23.590	0.000	SC-03212-S
	17.780	0.000	SC-03210-S
	31.480	0.000	SC-03221-S
	16.060	0.000	SC-03213-S
	19.950	0.000	SC-03320-S
	5.450	0.000	SC-03220-S

CU DATA REPORT

PARAMETER	CONCENTRA	DETECTION LIMIT	LOCATION
Percent Moisture	11.050	0.000	SC-03204-S
	17.280	0.000	SC-03216-S
	20.480	0.000	SC-03318-S
	15.300	0.000	SC-03205-C
	14.070	0.000	SC-03205-S
	13.970	0.000	SC-03203-S
	AAAAAAAAA		
Percent Moisture	18.414		
RADIUM-226	1.570	0.290	SC-03205-S
	1.430	0.280	SC-03320-S
	1.730	0.260	SC-03205-C
	2.090	0.270	SC-03318-S
	2.110	0.330	SC-03216-S
	1.970	0.260	SC-03214-S
	1.950	0.260	SC-03220-S
	2.590	0.310	SC-03221-S
	1.660	0.300	SC-03321-S
	1.430	0.250	SC-03212-S
	2.200	0.410	SC-03213-S
	1.410	0.260	SC-03210-S
	1.680	0.350	SC-03211-S
	2.180	0.250	SC-03317-S
	1.500	0.240	SC-03217-S
	2.340	0.270	SC-03221-C
	1.680	0.320	SC-03203-S
	1.790	0.340	SC-03218-S
	2.090	0.370	SC-03206-S
	0.330	0.660	SC-03204-S
	2.020	0.220	SC-03219-S
	1.360	0.270	SC-03319-S
	AAAAAAAAA		
RADIUM-226	1.778		
RADIUM-228	1.530	0.470	SC-03318-S
	1.040	0.460	SC-03212-S
	1.740	0.440	SC-03210-S
	1.270	0.410	SC-03320-S
	1.160	0.500	SC-03203-S
	1.140	0.450	SC-03321-S
	1.270	0.420	SC-03217-S
	1.130	0.470	SC-03204-S
	1.440	0.330	SC-03317-S
	1.190	0.420	SC-03220-S
	1.800	0.620	SC-03206-S
	1.170	0.450	SC-03205-C
	0.615	1.230	SC-03216-S
	1.410	0.340	SC-03214-S
	1.730	0.480	SC-03218-S
	1.330	0.320	SC-03219-S
	1.130	0.460	SC-03221-C

CU DATA REPORT

PARAMETER	CONCENTRA	DETECTION LIMIT	LOCATION
RADIUM-228	1.250	0.560	SC-03213-S
	1.290	0.780	SC-03211-S
	1.430	0.490	SC-03319-S
	1.160	0.390	SC-03205-S
	1.450	0.440	SC-03221-S
	AAAAAAAAA		
RADIUM-228	1.303		
Thorium-230	0.420	0.090	SC-03205-C
	0.660	0.210	SC-03219-S
	0.840	0.130	SC-03216-S
	0.290	0.110	SC-03204-S
	2.260	0.170	SC-03221-S
	1.720	0.170	SC-03220-S
	0.910	0.110	SC-03319-S
	1.320	0.140	SC-03317-S
	0.450	0.220	SC-03214-S
	0.660	0.140	SC-03206-S
	0.780	0.150	SC-03203-S
	1.230	0.140	SC-03318-S
	0.440	0.120	SC-03211-S
	0.580	0.230	SC-03205-S
	0.470	0.120	SC-03212-S
	0.890	0.110	SC-03218-S
	0.430	0.140	SC-03213-S
	0.680	0.085	SC-03217-S
23.1	~~3.100~~	0.160	SC-03221-C (used subsurface criterion).
	1.110	0.027	SC-03320-S
	4.440	0.200	SC-03210-S
	AAAAAAAAA		
Thorium-230	~~1.164~~ 2.08 pCi/g		MMH 5.22.97
URANIUM-238	2.085	4.170	SC-03218-S
	1.760	3.520	SC-03206-S
	2.260	4.520	SC-02801-S
	2.130	4.260	SC-03211-S
	1.605	3.210	SC-03219-S
	1.535	3.070	SC-03212-S
	6.920	4.080	SC-03202-S
	1.555	3.110	SC-03205-S
	1.530	3.060	SC-03617-S
	7.280	4.290	SC-03316-S
	2.470	2.510	SC-03317-S
	3.520	2.480	SC-03210-S
	1.490	2.980	SC-03318-S
	1.930	3.860	SC-03613-S
	1.945	3.890	SC-03319-S
	14.610	4.410	SC-03220-S
	1.725	3.450	SC-03203-S
	1.925	3.850	SC-03204-S
	14.220	3.050	SC-03221-S

CU DATA REPORT

PARAMETER	CONCENTRA	DETECTION LIMIT	LOCATION
URANIUM-238	1.530	3.060	SC-03217-S
	169.190	7.140	SC-03213-S
	1.990	3.980	SC-03321-S
	1.955	3.910	SC-03609-S
	1.720	3.440	SC-03209-S
	8.740	3.590	SC-03207-S
	1.480	2.960	SC-03320-S
	5.870	3.020	SC-03214-S
	1.855	3.710	SC-03216-S
	AAAAAAAAA		
URANIUM-238	9.529		
	AAAAAAAAA		
	5.421		

Weldon Spring Site Remedial Action Project
7295 Highway 94 South, St. Charles, Missouri, 63304

ES&H 1.2.1.1, Rev. 1, 03/96

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

SECTION I

1. Work Package Number: WP420 2. Date: 07-02-96 3. Review Form #: 96-017a

4. Remediation Unit Number: RU006 5. Confirmation Unit Number: CU033 (map attached)

6. Contaminants of Concern: X U-238 X Th-230 X Th-232 X Ra-226 X Ra-228
___ TNT X PCB ___ PAH X As X Cr X Pb ___ Tl

7. Results average below ALARA goal(s)?	X Yes ___ No
8. All results below cleanup criteria?	X Yes ___ No
9. Any results greater than 3X criteria?	___ Yes X No
10. Hotspots present (less than 3X criteria)?	___ Yes X No

Parameter	Size	Concentration	Complies with Plan?
N/A			___ Yes ___ No
			___ Yes ___ No
			___ Yes ___ No
			___ Yes ___ No

11. Reviewer: Mehr H. Lutz Date: 7/2/96

12. Reviewer Disposition Recommendation: X Release for Unrestricted Use (Section II)
___ Additional Excavation Required (Section IV)
___ ALARA Committee Required (Section III)

SECTION II

Results are ALARA. CU is released for unrestricted use.

14. ES&H Manager: [signature] Date: 7/2/96

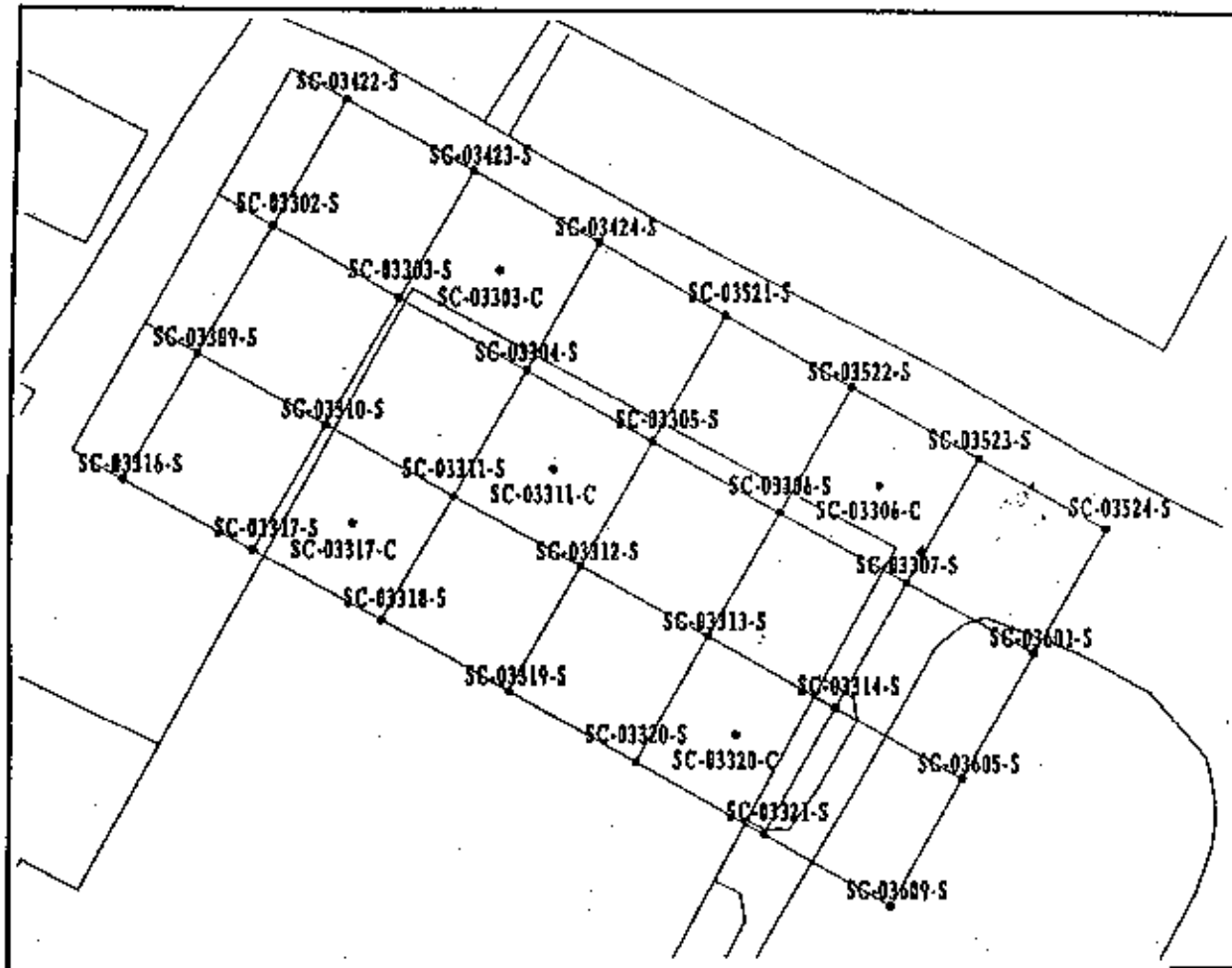
15. DOE Project Manager/Engineer: Thomas C. Faulkner Date: 7/2/96

16. Project Manager: [signature] Date: 7/2/96

17. Construction Engineer: Darrell L Cayce Date: 7/2/96

SEE ATTACHED RESULTS AND MAP

No Utilities



Review for 96-017a

Sample Locations in Remedial Unit RU006 Confirmation Unit CU033

Figure B-14

EXHIBIT NO.: A/CP/096/1295		REPORT NO.: DOE/OR/21548-590	
ORIGINATOR: MGL	DRAWN BY: WSSRAP GIS	DATE: 3/96	

Results for RU006CU033

Uranium 238

Sample_ID	Concentration	Units	Request
SC-03302-S	<3.22	pCi/g	WP086
SC-03303-S	<4.76	pCi/g	WP086
SC-03304-S	<3.06	pCi/g	WP086
SC-03305-S	<3.94	pCi/g	WP086
SC-03306-S	<3.94	pCi/g	WP086
SC-03307-S	2.01	pCi/g	WP086
SC-03309-S	<3.80	pCi/g	WP086
SC-03310-S	<2.90	pCi/g	WP086
SC-03311-S	<3.60	pCi/g	WP086
SC-03312-S	<3.00	pCi/g	WP086
SC-03313-S	<4.33	pCi/g	WP086
SC-03314-S	<2.83	pCi/g	WP086
SC-03316-S	7.28	pCi/g	WP080
SC-03317-S	2.47	pCi/g	WP080
SC-03318-S	<2.98	pCi/g	WP080
SC-03319-S	<3.89	pCi/g	WP080
SC-03320-S	<2.96	pCi/g	WP080
SC-03321-S	<3.98	pCi/g	WP080
SC-03422-S	<3.04	pCi/g	WP086
SC-03423-S	2.45	pCi/g	WP086
SC-03424-S	<2.93	pCi/g	WP086
SC-03521-S	<3.88	pCi/g	WP086
SC-03522-S	<4.25	pCi/g	WP086
SC-03523-S	<3.10	pCi/g	WP086
SC-03524-S	<4.26	pCi/g	WP086
SC-03601-S	5.33	pCi/g	WP086
SC-03605-S	3.74	pCi/g	WP086
SC-03609-S	<3.91	pCi/g	WP080

Radium 226

SC-03303-C	1.75	pCi/g	WP086
SC-03303-S	<0.75	pCi/g	WP086
SC-03304-S	1.68	pCi/g	WP086
SC-03305-S	1.50	pCi/g	WP086
SC-03306-C	2.11	pCi/g	WP086
SC-03306-S	1.63	pCi/g	WP086
SC-03307-S	1.73	pCi/g	WP086
SC-03310-S	1.59	pCi/g	WP086
SC-03311-C	1.82	pCi/g	WP086
SC-03311-S	1.52	pCi/g	WP086
SC-03312-S	1.68	pCi/g	WP086
SC-03313-S	1.38	pCi/g	WP086
SC-03314-S	1.59	pCi/g	WP086
SC-03317-S	2.18	pCi/g	WP080
SC-03317-C	1.88	pCi/g	WP086

SC-03318-S	1.79	pCi/g	WP080
SC-03319-S	1.36	pCi/g	WP080
SC-03320-S	1.43	pCi/g	WP080
SC-03320-C	1.82	pCi/g	WP086
SC-03321-S	1.66	pCi/g	WP080
SC-03423-S	2.22	pCi/g	WP086
SC-03424-S	1.70	pCi/g	WP086
SC-03521-S	1.86	pCi/g	WP086
SC-03522-S	1.77	pCi/g	WP086
SC-03523-S	1.97	pCi/g	WP086
SC-03524-S	0.93	pCi/g	WP086
SC-03601-S	2.34	pCi/g	WP086

Radium 228

SC-03303-C	1.56	pCi/g	WP086
SC-03303-S	2.25	pCi/g	WP086
SC-03304-S	1.34	pCi/g	WP086
SC-03305-S	1.71	pCi/g	WP086
SC-03306-C	1.29	pCi/g	WP086
SC-03306-S	1.37	pCi/g	WP086
SC-03307-S	1.36	pCi/g	WP086
SC-03310-S	1.46	pCi/g	WP086
SC-03311-C	1.18	pCi/g	WP086
SC-03311-S	1.26	pCi/g	WP086
SC-03312-S	1.37	pCi/g	WP086
SC-03313-S	1.41	pCi/g	WP086
SC-03314-S	1.17	pCi/g	WP086
SC-03317-S	1.44	pCi/g	WP080
SC-03317-C	1.12	pCi/g	WP086
SC-03318-S	1.53	pCi/g	WP080
SC-03319-S	1.43	pCi/g	WP080
SC-03320-S	1.27	pCi/g	WP080
SC-03320-C	1.28	pCi/g	WP086
SC-03321-S	1.14	pCi/g	WP080
SC-03423-S	1.26	pCi/g	WP086
SC-03424-S	1.49	pCi/g	WP086
SC-03521-S	~~1.29~~ 1.06	pCi/g	WP086
SC-03522-S	~~1.08~~ 1.29	pCi/g	WP086
SC-03523-S	1.08	pCi/g	WP086
SC-03524-S	2.06	pCi/g	WP086
SC-03601-S	1.48	pCi/g	WP086

Thorium 230

SC-03303-C	1.69	pCi/g	QT1389
SC-03303-S	1.05	pCi/g	QT1389
SC-03304-S	0.67	pCi/g	QT1389
SC-03305-S	1.99	pCi/g	QT1389
SC-03306-C	1.08	pCi/g	QT1389
SC-03306-S	0.72	pCi/g	QT1389
SC-03310-S	0.81	pCi/g	QT1389

SC-03311-C	1.05	pCi/g	QT1389
SC-03311-S	1.43	pCi/g	QT1389
SC-03312-S	1.62	pCi/g	QT1389
SC-03313-S	3.09	pCi/g	QT1389
SC-03317-S	1.32	pCi/g	QT1378
SC-03317-C	1.13	pCi/g	QT1389
SC-03318-S	1.23	pCi/g	QT1378
SC-03319-S	0.91	pCi/g	QT1378
SC-03320-S	1.11	pCi/g	LK0421
SC-03320-C	0.72	pCi/g	QT1389
SC-03523-S	4.35	pCi/g	QT1389
SC-03524-S	1.12	pCi/g	LK0421

Thorium 232

SC-03303-C	1.60	pCi/g	WP086
SC-03303-S	2.31	pCi/g	WP086
SC-03304-S	1.37	pCi/g	WP086
SC-03305-S	1.75	pCi/g	WP086
SC-03306-C	1.32	pCi/g	WP086
SC-03306-S	1.40	pCi/g	WP086
SC-03310-S	1.50	pCi/g	WP086
SC-03311-C	1.21	pCi/g	WP086
SC-03311-S	1.29	pCi/g	WP086
SC-03312-S	1.40	pCi/g	WP086
SC-03313-S	1.45	pCi/g	WP086
SC-03317-S	1.48	pCi/g	WP080
SC-03317-C	1.15	pCi/g	WP086
SC-03318-S	1.57	pCi/g	WP080
SC-03319-S	1.47	pCi/g	WP080
SC-03320-S	1.30	pCi/g	WP080
SC-03320-C	1.31	pCi/g	WP086
SC-03523-S	1.11	pCi/g	WP086
SC-03524-S	2.11	pCi/g	WP086

Arsenic

SC-03303-C	5.3	mg/kg	QT1389
SC-03303-S	6.2	mg/kg	QT1389
SC-03304-S	4.6	mg/kg	QT1389
SC-03305-S	4.5	mg/kg	QT1389
SC-03306-C	6.3	mg/kg	QT1389
SC-03306-S	2.7	mg/kg	QT1389
SC-03310-S	5.4	mg/kg	QT1389
SC-03311-C	4.3	mg/kg	QT1389
SC-03311-S	3.9	mg/kg	QT1389
SC-03312-S	3.2	mg/kg	QT1389
SC-03313-S	5.9	mg/kg	QT1389
SC-03317-S	5.1	mg/kg	QT1378
SC-03317-C	7.2	mg/kg	QT1389
SC-03318-S	5.3	mg/kg	QT1378
SC-03319-S	5.2	mg/kg	QT1378
SC-03320-S	5.9	mg/kg	QT1378
SC-03320-C	7.7	mg/kg	QT1389

Chromium

SC-03303-C	16.0	mg/kg	QT1389
SC-03303-S	12.5	mg/kg	QT1389
SC-03304-S	11.4	mg/kg	QT1389
SC-03305-S	14.4	mg/kg	QT1389
SC-03306-C	12.7	mg/kg	QT1389
SC-03306-S	12.8	mg/kg	QT1389
SC-03310-S	11.7	mg/kg	QT1389
SC-03311-C	10.8	mg/kg	QT1389
SC-03311-S	8.3	mg/kg	QT1389
SC-03312-S	8.3	mg/kg	QT1389
SC-03313-S	15.1	mg/kg	QT1389
SC-03317-S	10.5	mg/kg	QT1378
SC-03317-C	10.0	mg/kg	QT1389
SC-03318-S	13.3	mg/kg	QT1378
SC-03319-S	12.4	mg/kg	QT1378
SC-03320-S	16.7	mg/kg	QT1378
SC-03320-C	17.2	mg/kg	QT1389

Lead

SC-03303-C	7.8	mg/kg	QT1389
SC-03303-S	15.8	mg/kg	QT1389
SC-03304-S	11.0	mg/kg	QT1389
SC-03305-S	7.6	mg/kg	QT1389
SC-03306-C	13.1	mg/kg	QT1389
SC-03306-S	7.5	mg/kg	QT1389
SC-03310-S	11.1	mg/kg	QT1389
SC-03311-C	9.3	mg/kg	QT1389
SC-03311-S	9.4	mg/kg	QT1389
SC-03312-S	7.1	mg/kg	QT1389
SC-03313-S	10.6	mg/kg	QT1389
SC-03317-S	12.3	mg/kg	QT1378
SC-03317-C	12.6	mg/kg	QT1389
SC-03318-S	13.8	mg/kg	QT1378
SC-03319-S	10.9	mg/kg	QT1378
SC-03320-S	17.4	mg/kg	QT1378
SC-03320-C	18.8	mg/kg	QT1389

PCB

SC-03303-C	ND	mg/kg	QT1389
SC-03303-S	ND	mg/kg	QT1389
SC-03304-S	ND	mg/kg	QT1389
SC-03305-S	ND	mg/kg	QT1389
SC-03306-C	ND	mg/kg	QT1389
SC-03306-S	ND	mg/kg	QT1389
SC-03310-S	ND	mg/kg	QT1389
SC-03311-C	ND	mg/kg	QT1389
SC-03311-S	ND	mg/kg	QT1389
SC-03312-S	ND	mg/kg	QT1389
SC-03313-S	ND	mg/kg	QT1389
SC-03317-S	ND	mg/kg	QT1378
SC-03317-C	ND	mg/kg	QT1389
SC-03318-S	ND	mg/kg	QT1378
SC-03319-S	ND	mg/kg	QT1378
SC-03320-S	ND	mg/kg	QT1378
SC-03320-C	ND	mg/kg	QT1389
SC-03423-S	mdl 5.21.97 ~~1.180~~ .93	mg/kg	QT1389
SC-03424-S	ND	mg/kg	QT1389
SC-03521-S	ND	mg/kg	QT1389

PARTIAL CONFIRMATION UNIT RELEASE FORM

ES&H-1.2.1, 3/96

SECTION I

1. Work Package Number: WP420 2. Date: 7/10/96 3. Review Form No.: 96-0006Pa

4. Remediation Unit Number: RU0006 5. CU Number (see attached map for partial CU location): CU034

6. Contaminants of Concern: X U238 X Th230 X Th232 X RA226 X Ra228 ___ TNT
___ Tl X PCB ___ PAH X As X Cr X Pb

7. Number of Locations Sampled: 26

8. Total Number of Locations within CU: 30

9. Any results exceed criteria? ___ Yes (requires additional remediation) ✓ No

10. Results average below ALARA goals? ✓ Yes ___ No (requires additional remediation)

11. Reviewer: J. Meier Date: 7/10/96

12. Reviewer Disposition Recommendation: ✓ Release for Unrestricted Use ___ Additional Excavation Required

SECTION II

I, Ken Meyer, agree with the above recommendation for this partial CU.

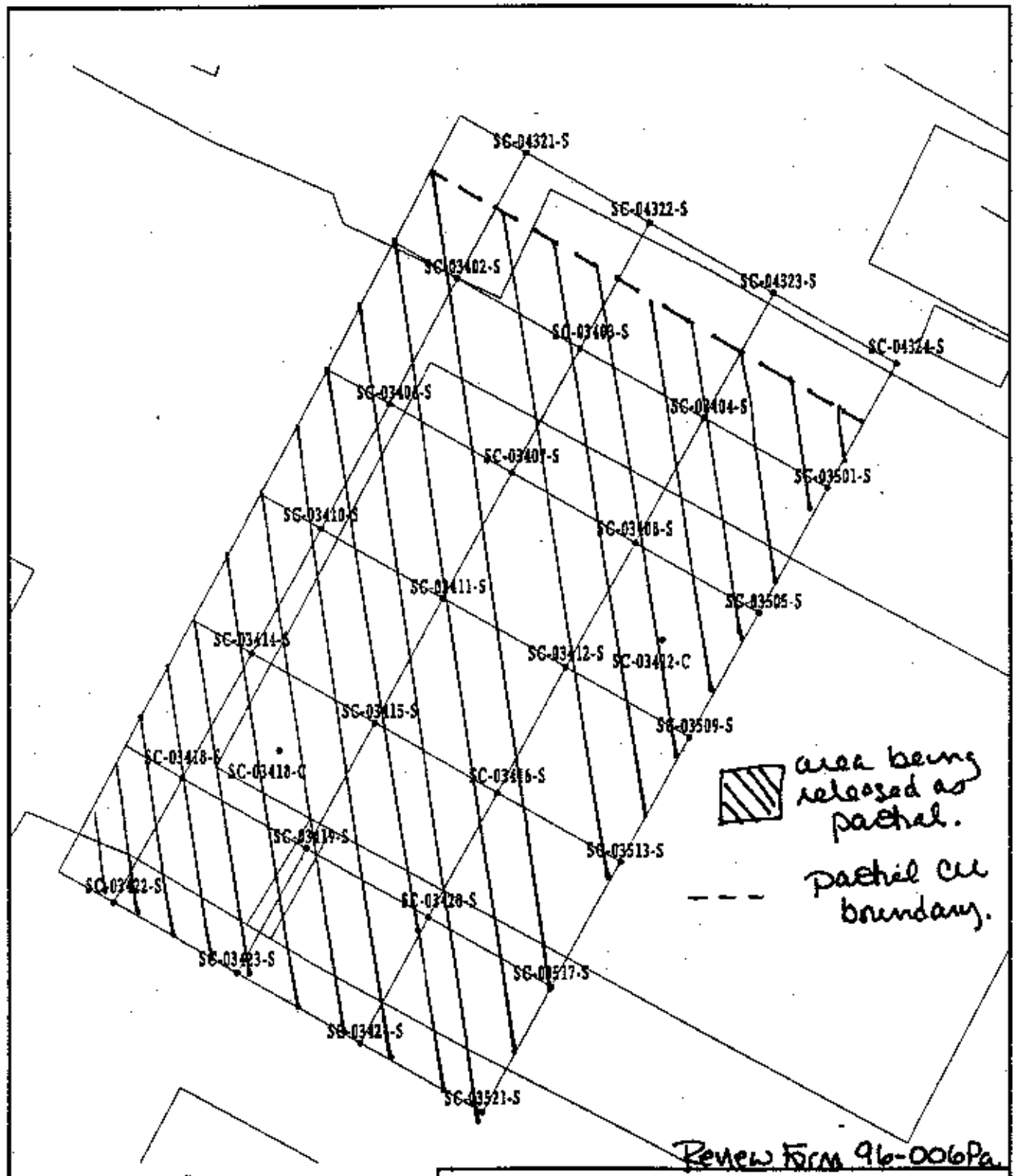
ALARA Committee Chairman: K Meyer Date: 7/10/96

SECTION III

Project Manager: [signature] Date: 7/10/96

Construction Engineer: Daniel L. Cogan Date: 7/10/96

Utility Samples: Predetermined Grid points fell into trenches ∴ no additional Points required as of yet



Review Form 96-0006Pa.

10 5 0 METERS

30 15 0 FEET

Sample Locations in Remedial Unit RU006
Confirmation Unit CU034

Figure B-15

EXHIBIT NO.: A/CP/097/1295		REPORT NO.: DOE/OR/21548-590	
ORIGINATOR: MGL	DRAWN BY: WSSRAP GIS	DATE: 3/96	

CU DATA REPORT

PARAMETER	CONCENTRA LIMIT	DETECTION	LOCATION
Aroclor-1016	0.000	37.000	SC-03501-S
	0.000	36.000	SC-03513-S
	0.000	40.000	SC-03517-S
	0.000	40.000	SC-03509-S
	0.000	42.000	SC-03505-S
	0.000	46.000	SC-03402-S
	0.000	43.000	SC-03424-S
	0.000	42.000	SC-03521-S
	0.000	84.000	SC-03423-S
	0.000	42.000	SC-03411-S
	0.000	41.000	SC-03410-S
	0.000	38.000	SC-03412-C
	0.000	41.000	SC-03408-S
	0.000	42.000	SC-03407-S
	0.000	41.000	SC-03406-S
	0.000	41.000	SC-03404-S
	0.000	40.000	SC-03403-S
	0.000	40.000	SC-03419-S
	0.000	40.000	SC-03418-S
	0.000	37.000	SC-03412-S
	0.000	37.000	SC-03420-S
	0.000	37.000	SC-03416-S
	0.000	36.000	SC-03415-S
	0.000	39.000	SC-03414-S
	AAAAAAAAA		
Aroclor-1016	0.000		
Aroclor-1221	0.000	40.000	SC-03517-S
	0.000	37.000	SC-03501-S
	0.000	36.000	SC-03513-S
	0.000	42.000	SC-03411-S
	0.000	39.000	SC-03414-S
	0.000	42.000	SC-03407-S
	0.000	41.000	SC-03410-S
	0.000	84.000	SC-03423-S
	0.000	42.000	SC-03521-S
	0.000	40.000	SC-03509-S
	0.000	40.000	SC-03403-S
	0.000	41.000	SC-03404-S
	0.000	42.000	SC-03505-S
	0.000	41.000	SC-03406-S
	0.000	37.000	SC-03412-S
	0.000	38.000	SC-03412-C
	0.000	41.000	SC-03408-S
	0.000	43.000	SC-03424-S
	0.000	40.000	SC-03419-S
	0.000	40.000	SC-03418-S
	0.000	37.000	SC-03416-S
	0.000	46.000	SC-03402-S
	0.000	37.000	SC-03420-S
	0.000	36.000	SC-03415-S
	AAAAAAAAA		
Aroclor-1221	0.000		

CU DATA REPORT

PARAMETER	CONCENTRA LIMIT	DETECTION LOCATION
Aroclor-1232	0.000	39.000 SC-03414-S
	0.000	37.000 SC-03420-S
	0.000	40.000 SC-03403-S
	0.000	40.000 SC-03418-S
	0.000	38.000 SC-03412-C
	0.000	42.000 SC-03505-S
	0.000	40.000 SC-03419-S
	0.000	36.000 SC-03513-S
	0.000	41.000 SC-03410-S
	0.000	84.000 SC-03423-S
	0.000	43.000 SC-03424-S
	0.000	41.000 SC-03408-S
	0.000	42.000 SC-03411-S
	0.000	37.000 SC-03412-S
	0.000	37.000 SC-03416-S
	0.000	42.000 SC-03521-S
	0.000	41.000 SC-03404-S
	0.000	36.000 SC-03415-S
	0.000	40.000 SC-03517-S
	0.000	46.000 SC-03402-S
	0.000	42.000 SC-03407-S
	0.000	40.000 SC-03509-S
	0.000	41.000 SC-03406-S
	0.000	37.000 SC-03501-S
	AAAAAAAAA	
Aroclor-1232	0.000	
Aroclor-1242	0.000	42.000 SC-03521-S
	0.000	37.000 SC-03501-S
	0.000	42.000 SC-03505-S
	0.000	46.000 SC-03402-S
	0.000	40.000 SC-03517-S
	0.000	41.000 SC-03404-S
	0.000	40.000 SC-03403-S
	0.000	36.000 SC-03513-S
	0.000	41.000 SC-03406-S
	0.000	84.000 SC-03423-S
	0.000	41.000 SC-03408-S
	0.000	42.000 SC-03407-S
	0.000	41.000 SC-03410-S
	0.000	42.000 SC-03411-S
	0.000	43.000 SC-03424-S
	0.000	37.000 SC-03412-S
	0.000	38.000 SC-03412-C
	0.000	39.000 SC-03414-S
	0.000	36.000 SC-03415-S
	0.000	40.000 SC-03418-S
	0.000	40.000 SC-03509-S
	0.000	37.000 SC-03420-S
	0.000	37.000 SC-03416-S
	0.000	40.000 SC-03419-S
	AAAAAAAAA	
Aroclor-1242	0.000	

CU DATA REPORT

PARAMETER	CONCENTRA LIMIT	DETECTION	LOCATION
Aroclor-1248	0.000	36.000	SC-03513-S
	0.000	40.000	SC-03517-S
	0.000	37.000	SC-03501-S
	0.000	43.000	SC-03424-S
	0.000	84.000	SC-03423-S
	0.000	41.000	SC-03406-S
	0.000	42.000	SC-03411-S
	0.000	41.000	SC-03410-S
	0.000	42.000	SC-03407-S
	0.000	41.000	SC-03408-S
	0.000	37.000	SC-03412-S
	0.000	38.000	SC-03412-C
	0.000	36.000	SC-03415-S
	0.000	39.000	SC-03414-S
	0.000	40.000	SC-03418-S
	0.000	40.000	SC-03419-S
	0.000	37.000	SC-03416-S
	0.000	41.000	SC-03404-S
	0.000	40.000	SC-03403-S
	0.000	46.000	SC-03402-S
	0.000	40.000	SC-03509-S
	0.000	42.000	SC-03505-S
	0.000	37.000	SC-03420-S
	0.000	42.000	SC-03521-S
	AAAAAAAAA		
Aroclor-1248	0.000		
Aroclor-1254	0.000	37.000	SC-03501-S
	0.000	40.000	SC-03517-S
	86.000	36.000	SC-03513-S
	0.000	43.000	SC-03424-S
	0.000	42.000	SC-03521-S
	930.000	84.000	SC-03423-S
	0.000	42.000	SC-03411-S
	0.000	38.000	SC-03412-C
	0.000	39.000	SC-03414-S
	0.000	37.000	SC-03412-S
	0.000	36.000	SC-03415-S
	0.000	37.000	SC-03416-S
	0.000	40.000	SC-03419-S
	0.000	40.000	SC-03418-S
	47.000	37.000	SC-03420-S
	0.000	42.000	SC-03505-S
	0.000	40.000	SC-03509-S
	0.000	46.000	SC-03402-S
	0.000	40.000	SC-03403-S
	0.000	41.000	SC-03404-S
	0.000	41.000	SC-03406-S
	0.000	42.000	SC-03407-S
	0.000	41.000	SC-03410-S
	0.000	41.000	SC-03408-S
	AAAAAAAAA		
Aroclor-1254	44.292		

CU DATA REPORT

PARAMETER	CONCENTRA	DETECTION LIMIT	LOCATION
Aroclor-1260	0.000	36.000	SC-03513-S
	0.000	40.000	SC-03517-S
	0.000	37.000	SC-03501-S
	0.000	43.000	SC-03424-S
	0.000	42.000	SC-03521-S
	0.000	84.000	SC-03423-S
	0.000	42.000	SC-03505-S
	0.000	37.000	SC-03420-S
	0.000	40.000	SC-03418-S
	0.000	40.000	SC-03419-S
	0.000	37.000	SC-03416-S
	0.000	36.000	SC-03415-S
	0.000	37.000	SC-03412-S
	0.000	39.000	SC-03414-S
	0.000	38.000	SC-03412-C
	0.000	42.000	SC-03411-S
	0.000	41.000	SC-03408-S
	0.000	41.000	SC-03410-S
	0.000	42.000	SC-03407-S
	0.000	41.000	SC-03406-S
	0.000	41.000	SC-03404-S
	0.000	40.000	SC-03403-S
	0.000	46.000	SC-03402-S
	0.000	40.000	SC-03509-S
	AAAAAAAAA		
Aroclor-1260	0.000		
Arsenic	5.200	0.480	SC-03517-S
	7.400	0.430	SC-03513-S
	5.200	0.480	SC-03509-S
	2.300	0.470	SC-03414-S
	8.200	0.440	SC-03416-S
	2.800	0.440	SC-03415-S
	3.800	0.480	SC-03418-S
	5.100	0.480	SC-03419-S
	6.600	0.500	SC-03505-S
	3.700	0.440	SC-03420-S
	8.600	0.510	SC-03407-S
	5.800	0.490	SC-03406-S
	18.400	0.490	SC-03408-S
	5.900	0.490	SC-03410-S
	4.800	0.460	SC-03412-C
	3.900	0.510	SC-03411-S
	8.200	0.440	SC-03412-S
	AAAAAAAAA		
Arsenic	6.229		
Chromium	14.100	0.490	SC-03513-S
	9.800	0.550	SC-03517-S
	11.600	0.560	SC-03509-S
	13.000	0.510	SC-03420-S

CU DATA REPORT

PARAMETER	CONCENTRA	DETECTION LIMIT	LOCATION
Chromium	10.100	0.580	SC-03505-S
	8.600	0.550	SC-03419-S
	9.400	0.550	SC-03418-S
	9.100	0.510	SC-03415-S
	16.600	0.510	SC-03416-S
	9.900	0.540	SC-03414-S
	16.600	0.510	SC-03412-S
	14.000	0.580	SC-03411-S
	17.300	0.530	SC-03412-C
	12.200	0.560	SC-03410-S
	20.600	0.570	SC-03408-S
	14.000	0.570	SC-03406-S
	27.200	0.590	SC-03407-S
	AAAAAAAAA		
Chromium	13.771		
Lead	9.400	0.140	SC-03517-S
	13.100	0.130	SC-03513-S
	15.700	0.150	SC-03407-S
	14.900	0.150	SC-03406-S
	149.000	0.150	SC-03408-S
	9.600	0.150	SC-03410-S
	12.500	0.140	SC-03412-C
	9.000	0.150	SC-03411-S
	14.700	0.130	SC-03412-S
	9.400	0.140	SC-03414-S
	19.200	0.130	SC-03416-S
	8.900	0.130	SC-03415-S
	7.400	0.140	SC-03418-S
	9.200	0.140	SC-03419-S
	15.700	0.150	SC-03505-S
	19.200	0.130	SC-03420-S
	11.300	0.150	SC-03509-S
	AAAAAAAAA		
Lead	20.482		
Percent Moisture	7.060	0.000	SC-03513-S
	16.530	0.000	SC-03517-S
	9.310	0.000	SC-03501-S
	22.540	0.000	SC-03424-S
	23.290	0.000	SC-03423-S
	21.350	0.000	SC-03521-S
	19.110	0.000	SC-03406-S
	8.990	0.000	SC-03415-S
	10.080	0.000	SC-03412-S
	15.330	0.000	SC-03414-S
	12.600	0.000	SC-03412-C
	21.190	0.000	SC-03411-S
	18.980	0.000	SC-03408-S
	18.160	0.000	SC-03410-S
	21.710	0.000	SC-03407-S

CU DATA REPORT

PARAMETER	CONCENTRA DETECTION LIMIT	LOCATION
Percent Moisture	17.510 0.000	SC-03509-S
	28.070 0.000	SC-03402-S
	17.060 0.000	SC-03403-S
	18.070 0.000	SC-03404-S
	20.150 0.000	SC-03505-S
	9.510 0.000	SC-03420-S
	16.410 0.000	SC-03418-S
	16.880 0.000	SC-03419-S
	9.280 0.000	SC-03416-S
	AAAAAAAAA	
Percent Moisture	16.632	
RADIUM-226	1.610 0.270	SC-03419-S
	1.930 0.400	SC-03418-S
	1.880 0.270	SC-03404-S
	1.730 0.340	SC-03517-S
	1.730 0.300	SC-03513-S
	2.290 0.270	SC-03509-S
	1.750 0.230	SC-03402-S
	1.660 0.300	SC-03403-S
	1.910 0.280	SC-03420-S
	2.110 0.350	SC-03407-S
	1.680 0.260	SC-03406-S
	1.880 0.290	SC-03505-S
	2.470 0.270	SC-03408-S
	0.345 0.690	SC-03410-S
	2.090 0.350	SC-03412-C
	2.070 0.230	SC-03411-S
	1.570 0.290	SC-03412-S
	1.820 0.280	SC-03414-S
	1.630 0.500	SC-03416-S
	2.200 0.380	SC-03415-S
	1.730 0.320	SC-03501-S
	1.700 0.270	SC-03424-S
	2.220 0.310	SC-03423-S
	1.860 0.400	SC-03521-S
	AAAAAAAAA	
RADIUM-226	1.828	
RADIUM-228	1.490 0.380	SC-03424-S
	1.260 0.470	SC-03423-S
	1.060 0.510	SC-03521-S
	1.180 0.410	SC-03513-S
	1.160 0.480	SC-03402-S
	1.280 0.480	SC-03403-S
	1.540 0.650	SC-03407-S
	1.560 0.500	SC-03406-S
	1.230 0.550	SC-03505-S
	1.200 0.340	SC-03404-S
	0.565 1.130	SC-03509-S
	1.290 0.480	SC-03517-S

CU DATA REPORT

PARAMETER	CONCENTRA	DETECTION LIMIT	LOCATION
RADIUM-228	1.290	0.330	SC-03419-S
	1.740	0.370	SC-03418-S
	2.850	0.550	SC-03420-S
	1.560	0.560	SC-03416-S
	1.750	0.430	SC-03415-S
	1.390	0.330	SC-03501-S
	1.320	0.480	SC-03414-S
	1.780	0.560	SC-03412-S
	1.340	0.550	SC-03412-C
	1.160	0.330	SC-03411-S
	1.530	0.500	SC-03410-S
	1.290	0.320	SC-03408-S
	AAAAAAAAA		
RADIUM-228	1.409		
Thorium-230	1.790	0.170	SC-03517-S
	2.860	0.130	SC-03513-S
	1.450	0.140	SC-03509-S
	0.510	0.090	SC-03419-S
	1.130	0.120	SC-03418-S
	1.910	0.170	SC-03420-S
	1.110	0.080	SC-03505-S
	5.830	0.140	SC-03406-S
	0.930	0.100	SC-03407-S
	2.49	2.170	SC-03410-S (reexcavated loc)
	1.050	0.100	SC-03408-S
	1.040	0.160	SC-03411-S
	1.540	0.130	SC-03412-C
	0.750	0.120	SC-03414-S
	0.880	0.160	SC-03412-S
	1.290	0.090	SC-03415-S
	1.550	0.090	SC-03416-S
	AAAAAAAAA		
Thorium-230	1.645		
URANIUM-238	1.515	3.030	SC-03402-S
	1.930	3.860	SC-03403-S
	2.085	4.170	SC-03420-S
	1.555	3.110	SC-03505-S
	1.415	2.830	SC-03406-S
	1.450	2.900	SC-03404-S
	2.090	4.180	SC-03415-S
	1.465	2.930	SC-03414-S
	1.520	3.040	SC-03422-S
	1.885	3.770	SC-03509-S
	3.810	2.260	SC-03513-S
	1.975	3.950	SC-03501-S
	2.355	4.710	SC-03412-S
	2.290	2.570	SC-03412-C
	1.485	2.970	SC-03411-S
	2.125	4.250	SC-03410-S

CU DATA REPORT

PARAMETER	CONCENTRA	DETECTION LIMIT	LOCATION
URANIUM-238	1.520	3.040	SC-03408-S
	1.925	3.850	SC-03407-S
	2.050	4.100	SC-03418-S
	1.465	2.930	SC-03419-S
	1.900	3.800	SC-03418-C
	12.080	5.550	SC-03416-S
	1.945	3.890	SC-03517-S
	2.450	2.820	SC-03423-S
	1.465	2.930	SC-03424-S
	1.940	3.880	SC-03521-S
	AAAAAAAAA		
URANIUM-238	2.296		

Weldon Spring Site Remedial Action Project
7295 Highway 94 South, St. Charles, Missouri, 63304

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

SECTION I

1. Work Package Number: WP420 2. Date: 08-22-96 3. Review Form #: 96-041

4. Remediation Unit Number: RU006 5. Confirmation Unit Number: CU034 (map attached)

6. Contaminants of Concern: X U-238 X Th-230 X Th-232 X Ra-226 X Ra-228
___ TNT X PCB ___ PAH X As X Cr X Pb ___ Tl

7. Results average below ALARA goal(s)?	X Yes ___ No
8. All results below cleanup criteria?	X Yes ___ No
9. Any results greater than 3X criteria?	___ Yes X No
10. Hotspots present (less than 3X criteria)?	___ Yes X No

Parameter	Size	Concentration	Complies with Plan?
			___ Yes ___ No
			___ Yes ___ No
			___ Yes ___ No
			___ Yes ___ No

11. Reviewer: [signature] Date: 8/22/96

12. Reviewer Disposition Recommendation: X Release for Unrestricted Use (Section II)
___ Additional Excavation Required (Section IV)
___ ALARA Committee Required (Section III)

SECTION II ***Results are ALARA. CU is released for unrestricted use.***

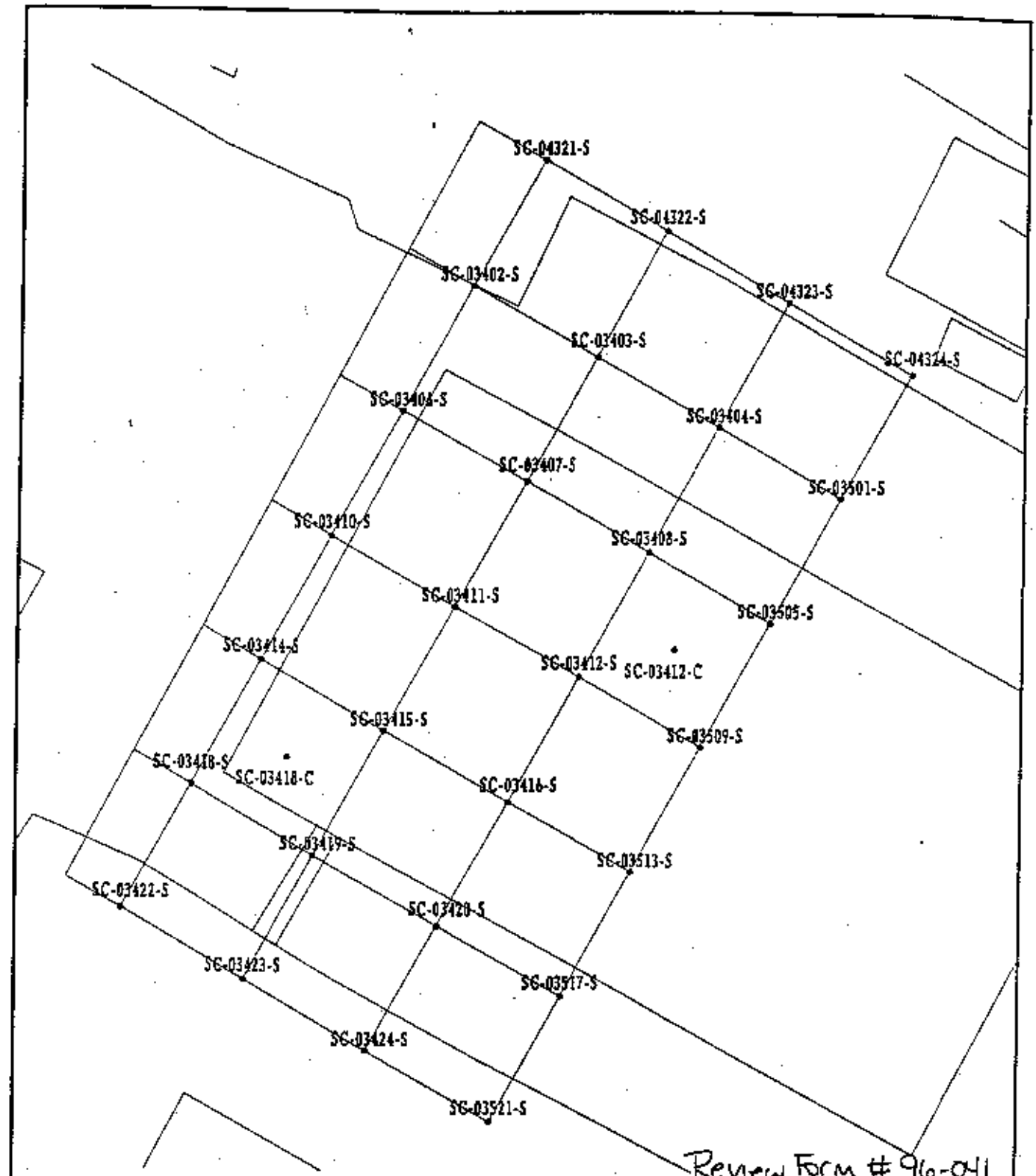
14. ES&H Manager: [signature] Date: 8/22/96

15. DOE Project Manager/Engineer: [signature] Date: 8/22/96

16. Project Manager: [signature] Date: 8/22/96

17. Construction Engineer: [signature] Date: 8/22/96

SEE ATTACHED RESULTS AND MAP



Sample Locations in Remedial Unit RU006
Confirmation Unit CU034

Figure B-15

EXHIBIT NO.: A/CP/097/1295		REPORT NO.: DOE/OR/21548-590	
ORIGINATOR: MGL	DRAWN BY: WSSRAP GIS	DATE: 3/96	

CU034 DATA REPORT*

PARAMETER	CONC	DL	LOCATION	UNITS
PCBs (28 SAMPLES)				
	86.000	36.000	SC-03513-S	UG/KG
	0.000	40.000	SC-03517-S	UG/KG
	0.000	37.000	SC-03501-S	UG/KG
	0.000	42.000	SC-03521-S	UG/KG
	0.000	43.000	SC-03424-S	UG/KG
	930.000	84.000	SC-03423-S	UG/KG
	0.000	41.000	SC-03406-S	UG/KG
	0.000	42.000	SC-03407-S	UG/KG
	0.000	41.000	SC-03410-S	UG/KG
	0.000	41.000	SC-03408-S	UG/KG
	0.000	42.000	SC-03411-S	UG/KG
	0.000	38.000	SC-03412-C	UG/KG
	0.000	39.000	SC-03414-S	UG/KG
	0.000	37.000	SC-03412-S	UG/KG
	0.000	36.000	SC-03415-S	UG/KG
	0.000	37.000	SC-03416-S	UG/KG
	0.000	40.000	SC-03419-S	UG/KG
	0.000	40.000	SC-03418-S	UG/KG
	47.000	37.000	SC-03420-S	UG/KG
	0.000	42.000	SC-03505-S	UG/KG
	0.000	40.000	SC-03509-S	UG/KG
	0.000	46.000	SC-03402-S	UG/KG
	0.000	40.000	SC-03403-S	UG/KG
	0.000	41.000	SC-03404-S	UG/KG
	0.000	37.000	SC-04321-S	UG/KG
	48.000	39.000	SC-04322-S	UG/KG
	0.000	38.000	SC-04323-S	UG/KG
	68.000	36.000	SC-04324-S	UG/KG
PCB AVERAGE = 42.107 UG/KG (0.042 MG/KG)				
ARSENIC (17 SAMPLES)				
	7.400	0.430	SC-03513-S	UG/G
	5.200	0.480	SC-03517-S	UG/G
	8.600	0.510	SC-03407-S	UG/G
	3.900	0.510	SC-03411-S	UG/G
	8.200	0.440	SC-03412-S	UG/G
	2.800	0.440	SC-03415-S	UG/G
	3.800	0.480	SC-03418-S	UG/G
	5.800	0.490	SC-03406-S	UG/G
	18.400	0.490	SC-03408-S	UG/G
	5.900	0.490	SC-03410-S	UG/G
	4.800	0.460	SC-03412-C	UG/G
	5.200	0.480	SC-03509-S	UG/G
	2.300	0.470	SC-03414-S	UG/G
	8.200	0.440	SC-03416-S	UG/G
	5.100	0.480	SC-03419-S	UG/G
	6.600	0.500	SC-03505-S	UG/G
	3.700	0.440	SC-03420-S	UG/G
ARSENIC AVERAGE = 6.229 UG/G				

CU034 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION	UNITS
CHROMIUM (17 SAMPLES)				
	17.300	0.530	SC-03412-C	UG/G
	9.400	0.550	SC-03418-S	UG/G
	20.600	0.570	SC-03408-S	UG/G
	12.200	0.560	SC-03410-S	UG/G
	9.900	0.540	SC-03414-S	UG/G
	9.100	0.510	SC-03415-S	UG/G
	16.600	0.510	SC-03416-S	UG/G
	14.100	0.490	SC-03513-S	UG/G
	11.600	0.560	SC-03509-S	UG/G
	14.000	0.580	SC-03411-S	UG/G
	9.800	0.550	SC-03517-S	UG/G
	13.000	0.510	SC-03420-S	UG/G
	8.600	0.550	SC-03419-S	UG/G
	16.600	0.510	SC-03412-S	UG/G
	14.000	0.570	SC-03406-S	UG/G
	27.200	0.590	SC-03407-S	UG/G
	10.100	0.580	SC-03505-S	UG/G
CHROMIUM AVERAGE = 13.771 UG/G				
LEAD (17 SAMPLES)				
	11.300	0.150	SC-03509-S	UG/G
	9.000	0.150	SC-03411-S	UG/G
	149.000	0.150	SC-03408-S	UG/G
	15.700	0.150	SC-03505-S	UG/G
	15.700	0.150	SC-03407-S	UG/G
	12.500	0.140	SC-03412-C	UG/G
	9.600	0.150	SC-03410-S	UG/G
	14.700	0.130	SC-03412-S	UG/G
	9.200	0.140	SC-03419-S	UG/G
	7.400	0.140	SC-03418-S	UG/G
	19.200	0.130	SC-03416-S	UG/G
	14.900	0.150	SC-03406-S	UG/G
	19.200	0.130	SC-03420-S	UG/G
	8.900	0.130	SC-03415-S	UG/G
	13.100	0.130	SC-03513-S	UG/G
	9.400	0.140	SC-03517-S	UG/G
	9.400	0.140	SC-03414-S	UG/G
LEAD AVERAGE = 20.482 UG/G				

CU034 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION	UNITS
RADIUM-226 (28 SAMPLES)				
	1.610	0.270	SC-03419-S	PCI/G
	1.930	0.400	SC-03418-S	PCI/G
	2.470	0.270	SC-03408-S	PCI/G
	1.630	0.500	SC-03416-S	PCI/G
0.78	~~0.345~~	0.690	SC-03410-S	PCI/G
	1.860	0.400	SC-03521-S	PCI/G
mah 5.22.97	1.730	0.300	SC-03513-S	PCI/G
	2.220	0.310	SC-03423-S	PCI/G
	1.910	0.280	SC-03420-S	PCI/G
	1.750	0.230	SC-03402-S	PCI/G
	1.660	0.300	SC-03403-S	PCI/G
	1.730	0.340	SC-03517-S	PCI/G
	1.700	0.270	SC-03424-S	PCI/G
	1.730	0.320	SC-03501-S	PCI/G
	1.570	0.290	SC-03412-S	PCI/G
	1.820	0.280	SC-03414-S	PCI/G
	2.290	0.270	SC-03509-S	PCI/G
	2.070	0.230	SC-03411-S	PCI/G
	2.090	0.350	SC-03412-C	PCI/G
	1.880	0.270	SC-03404-S	PCI/G
	2.200	0.380	SC-03415-S	PCI/G
	1.680	0.260	SC-03406-S	PCI/G
	2.110	0.350	SC-03407-S	PCI/G
	1.880	0.290	SC-03505-S	PCI/G
	2.070	0.330	SC-04321-S	PCI/G
	2.320	0.250	SC-04322-S	PCI/G
	2.020	0.480	SC-04323-S	PCI/G
	2.430	0.260	SC-04324-S	PCI/G

RADIUM-226 AVERAGE = ~~1.698~~ 1.914 PCI/G mah 5.22.97

RADIUM-228 (28 SAMPLES)				
	1.490	0.380	SC-03424-S	PCI/G
	1.260	0.470	SC-03423-S	PCI/G
	1.060	0.510	SC-03521-S	PCI/G
	1.340	0.550	SC-03412-C	PCI/G
	1.160	0.330	SC-03411-S	PCI/G
	1.160	0.480	SC-03402-S	PCI/G
	1.280	0.480	SC-03403-S	PCI/G
	1.540	0.650	SC-03407-S	PCI/G
	1.560	0.500	SC-03406-S	PCI/G
	1.230	0.550	SC-03505-S	PCI/G
	1.200	0.340	SC-03404-S	PCI/G
	0.565	1.130	SC-03509-S	PCI/G
	1.290	0.480	SC-03517-S	PCI/G
	1.320	0.480	SC-03414-S	PCI/G
	1.390	0.330	SC-03501-S	PCI/G
	1.750	0.430	SC-03415-S	PCI/G
	1.560	0.560	SC-03416-S	PCI/G
	2.850	0.550	SC-03420-S	PCI/G
	1.740	0.370	SC-03418-S	PCI/G
	1.290	0.330	SC-03419-S	PCI/G
	1.780	0.560	SC-03412-S	PCI/G
	1.530	0.500	SC-03410-S	PCI/G
	1.290	0.320	SC-03408-S	PCI/G
	1.180	0.410	SC-03513-S	PCI/G
	1.370	0.280	SC-04321-S	PCI/G
	0.960	0.470	SC-04322-S	PCI/G
	1.410	0.500	SC-04323-S	PCI/G
	0.645	1.290	SC-04324-S	PCI/G

RADIUM-228 AVERAGE = 1.364 PCI/G

CU034 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION	UNITS
THORIUM-230 (17 SAMPLES)				
	0.930	0.100	SC-03407-S	PCI/G
	1.450	0.140	SC-03509-S	PCI/G
	1.130	0.120	SC-03418-S	PCI/G
	1.910	0.170	SC-03420-S	PCI/G
	1.110	0.080	SC-03505-S	PCI/G
	1.050	0.100	SC-03408-S	PCI/G
	1.040	0.160	SC-03411-S	PCI/G
	2.860	0.130	SC-03513-S	PCI/G
	0.510	0.090	SC-03419-S	PCI/G
	1.790	0.170	SC-03517-S	PCI/G
	0.880	0.160	SC-03412-S	PCI/G
	1.540	0.130	SC-03412-C	PCI/G
	0.750	0.120	SC-03414-S	PCI/G
	1.550	0.090	SC-03416-S	PCI/G
	1.290	0.090	SC-03415-S	PCI/G
	5.830	0.140	SC-03406-S	PCI/G
	2.490	2.170	SC-03410-S	PCI/G
THORIUM-230 AVERAGE = 1.653 PCI/G				
URANIUM-238 (30 SAMPLES)				
	1.520	3.040	SC-03422-S	PCI/G
	2.290	2.570	SC-03412-C	PCI/G
	1.885	3.770	SC-03509-S	PCI/G
	3.810	2.260	SC-03513-S	PCI/G
	2.355	4.710	SC-03412-S	PCI/G
	1.975	3.950	SC-03501-S	PCI/G
	2.125	4.250	SC-03410-S	PCI/G
	1.555	3.110	SC-03505-S	PCI/G
	2.085	4.170	SC-03420-S	PCI/G
	1.850	2.970	SC-03411-S	PCI/G
	1.925	3.850	SC-03407-S	PCI/G
	1.520	3.040	SC-03408-S	PCI/G
	1.465	2.930	SC-03414-S	PCI/G
	2.090	4.180	SC-03415-S	PCI/G
	1.450	2.900	SC-03404-S	PCI/G
	1.415	2.830	SC-03406-S	PCI/G
	1.930	3.860	SC-03403-S	PCI/G
	1.515	3.030	SC-03402-S	PCI/G
	2.050	4.100	SC-03418-S	PCI/G
	1.465	2.930	SC-03419-S	PCI/G
	1.900	3.800	SC-03418-C	PCI/G
	12.080	5.550	SC-03416-S	PCI/G
	1.940	3.880	SC-03521-S	PCI/G
	1.465	2.930	SC-03424-S	PCI/G
	2.450	2.820	SC-03423-S	PCI/G
	1.945	3.890	SC-03517-S	PCI/G
	2.330	2.370	SC-04321-S	PCI/G
	5.630	2.720	SC-04322-S	PCI/G
	1.960	3.920	SC-04323-S	PCI/G
	4.550	3.990	SC-04324-S	PCI/G
URANIUM-238 AVERAGE = 2.484 PCI/G				

Weldon Spring Site Remedial Action Project
7295 Highway 94 South, St. Charles, Missouri, 63304

ES&H 1.2.1.1, Rev. 1, 03/96

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

SECTION I

1. Work Package Number: WP420 2. Date: 08-22-96 3. Review Form #: 96-042

4. Remediation Unit Number: RU006 5. Confirmation Unit Number: CU035 (map attached)

6. Contaminants of Concern: X U-238 X Th-230 X Th-232 X Ra-226 X Ra-228
___ TNT X PCB ___ PAH X As X Cr X Pb X Tl

7. Results average below ALARA goal(s)?	X Yes ___ No
8. All results below cleanup criteria?	X Yes ___ No
9. Any results greater than 3X criteria?	___ Yes X No
10. Hotspots present (less than 3X criteria)?	___ Yes X No

Parameter	Size	Concentration	Complies with Plan?
N/A			___ Yes ___ No
			___ Yes ___ No
			___ Yes ___ No
			___ Yes ___ No

11. Reviewer: [signature] Date: 8/22/96

12. Reviewer Disposition Recommendation: X Release for Unrestricted Use (Section II)
___ Additional Excavation Required (Section IV)
___ ALARA Committee Required (Section III)

SECTION II *Results are ALARA. CU is released for unrestricted use.*

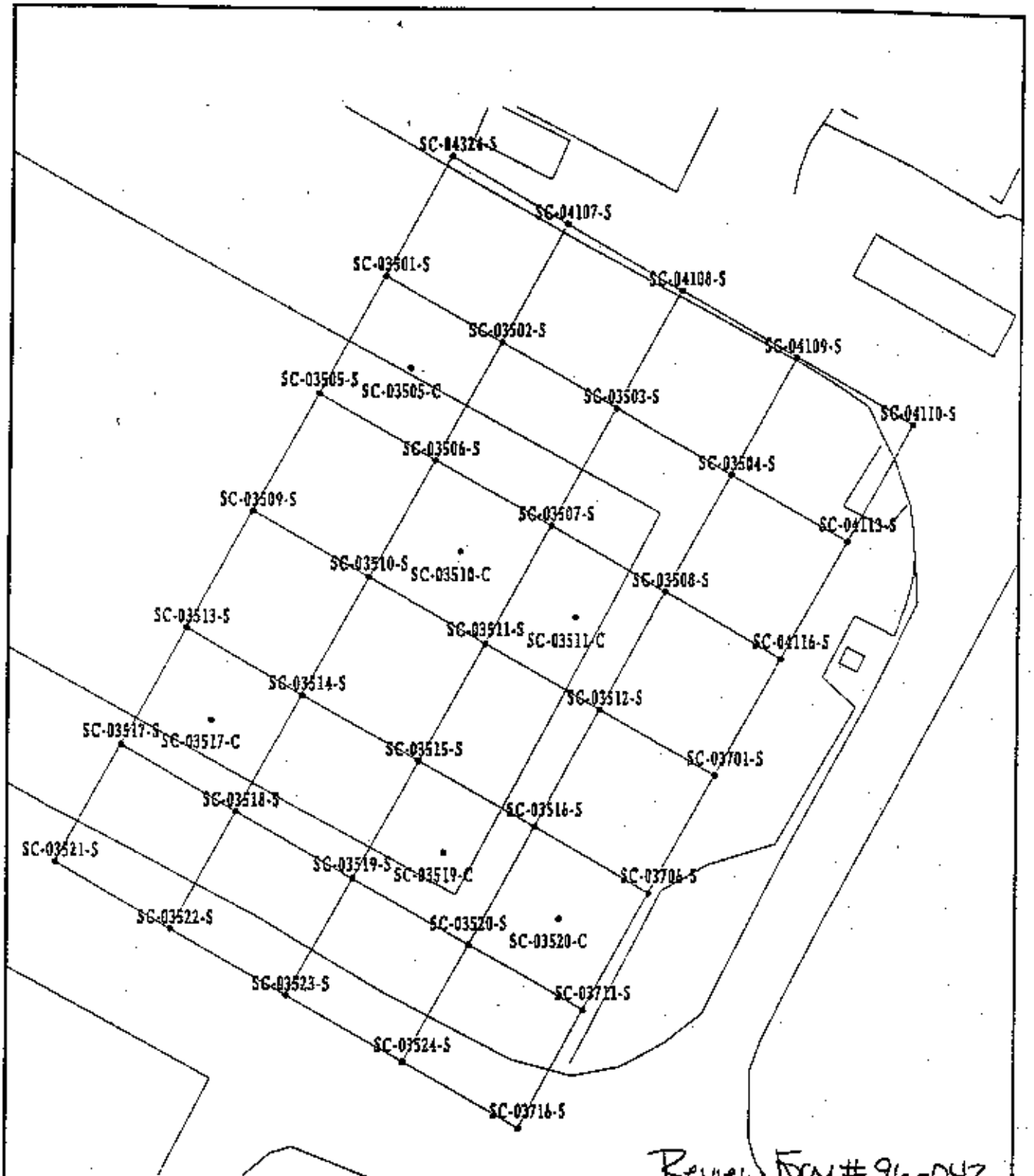
14. ES&H Manager: [signature] FOR KAM Date: 8/22/96

15. DOE Project Manager/Engineer: [signature] Date: 8/22/96

16. Project Manager: [signature] Date: 8/22/96

17. Construction Engineer: [signature] Date: 8/22/96

SEE ATTACHED RESULTS AND MAP



Review Form #96-047

Sample Locations in Remedial Unit RU006 Confirmation Unit CU035

Figure B-16

EXHIBIT NO.: A/CP/098/1295		REPORT NO.: DOE/OR/21548-590	
ORIGINATOR: MGL	DRAWN BY: WSSRAP GIS	DATE: 3/96	

CU035 DATA REPORT

PARAMETER	CONC	DL	LOCATION	UNITS
PCBs (25 SAMPLES)				
	0.000	40.000	SC-03510-S	UG/KG
	0.000	37.000	SC-03511-S	UG/KG
	86.000	36.000	SC-03513-S	UG/KG
	0.000	43.000	SC-03514-S	UG/KG
	0.000	38.000	SC-03515-S	UG/KG
	0.000	40.000	SC-03517-S	UG/KG
	0.000	43.000	SC-03517-C	UG/KG
	0.000	37.000	SC-03518-S	UG/KG
	0.000	39.000	SC-03519-C	UG/KG
	0.000	37.000	SC-03501-S	UG/KG
	0.000	40.000	SC-03519-S	UG/KG
	0.000	42.000	SC-03521-S	UG/KG
	0.000	43.000	SC-03716-S	UG/KG
	0.000	40.000	SC-03701-S	UG/KG
	0.000	39.000	SC-03711-S	UG/KG
	0.000	35.000	SC-03511-C	UG/KG
	0.000	41.000	SC-03510-C	UG/KG
	0.000	37.000	SC-03505-C	UG/KG
	0.000	42.000	SC-03505-S	UG/KG
	0.000	37.000	SC-03507-S	UG/KG
	0.000	39.000	SC-03506-S	UG/KG
	0.000	40.000	SC-03509-S	UG/KG
	0.000	38.000	SC-04113-S	UG/KG
	0.000	40.000	SC-04110-S	UG/KG
	68.000	36.000	SC-04324-S	UG/KG
PCB AVERAGE = 6.16 UG/KG (0.006 MG/KG)				
ARSENIC (22 SAMPLES)				
	1.800	0.480	SC-03711-S	UG/G
	5.900	0.490	SC-03701-S	UG/G
	9.100	0.520	SC-03716-S	UG/G
	6.900	0.450	SC-03511-S	UG/G
	7.400	0.430	SC-03513-S	UG/G
	4.500	0.460	SC-03519-C	UG/G
	5.200	0.480	SC-03517-S	UG/G
	10.900	0.520	SC-03517-C	UG/G
	8.500	0.490	SC-03514-S	UG/G
	3.000	0.480	SC-03519-S	UG/G
	4.400	0.450	SC-03518-S	UG/G
	8.300	0.420	SC-03511-C	UG/G
	6.000	0.490	SC-03510-S	UG/G
	8.600	0.450	SC-03505-C	UG/G
	5.100	0.490	SC-03510-C	UG/G
	7.000	0.460	SC-03515-S	UG/G
	6.200	0.450	SC-03507-S	UG/G
	5.200	0.480	SC-03509-S	UG/G
	6.600	0.500	SC-03505-S	UG/G
	7.000	0.470	SC-03506-S	UG/G
	6.100	0.480	SC-04110-S	UG/G
	7.000	0.460	SC-04113-S	UG/G
ARSENIC AVERAGE = 6.395 UG/G				

CU035 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION	UNITS
CHROMIUM (22 SAMPLES)				
	10.900	0.520	SC-03518-S	UG/G
	19.100	0.490	SC-03511-C	UG/G
	8.400	0.600	SC-03716-S	UG/G
	15.000	0.530	SC-03515-S	UG/G
	16.800	0.520	SC-03511-S	UG/G
	14.100	0.490	SC-03513-S	UG/G
	14.400	0.570	SC-03510-C	UG/G
	11.600	0.560	SC-03509-S	UG/G
	14.100	0.550	SC-03711-S	UG/G
	15.400	0.560	SC-04110-S	UG/G
	12.800	0.530	SC-04113-S	UG/G
	13.600	0.600	SC-03517-C	UG/G
	9.800	0.550	SC-03517-S	UG/G
	17.000	0.520	SC-03505-C	UG/G
	14.200	0.560	SC-03510-S	UG/G
	13.800	0.530	SC-03519-C	UG/G
	18.200	0.570	SC-03514-S	UG/G
	17.900	0.520	SC-03507-S	UG/G
	13.900	0.540	SC-03506-S	UG/G
	9.700	0.560	SC-03519-S	UG/G
	10.100	0.580	SC-03505-S	UG/G
	9.800	0.560	SC-03701-S	UG/G
CHROMIUM AVERAGE = 13.664 UG/G				
LEAD (22 SAMPLES)				
	10.500	0.140	SC-03507-S	UG/G
	11.300	0.150	SC-03509-S	UG/G
	9.600	0.330	SC-03711-S	UG/G
	12.300	0.340	SC-03701-S	UG/G
	15.700	0.150	SC-03505-S	UG/G
	9.100	0.140	SC-03519-C	UG/G
	13.200	0.370	SC-03716-S	UG/G
	13.400	0.130	SC-03511-S	UG/G
	12.200	0.150	SC-03514-S	UG/G
	9.900	0.140	SC-03515-S	UG/G
	14.200	0.130	SC-03505-C	UG/G
	10.100	0.130	SC-03518-S	UG/G
	7.200	0.140	SC-03519-S	UG/G
	11.500	0.140	SC-03506-S	UG/G
	13.100	0.130	SC-03513-S	UG/G
	12.500	0.340	SC-04110-S	UG/G
	20.800	0.130	SC-03511-C	UG/G
	9.400	0.140	SC-03517-S	UG/G
	13.000	0.320	SC-04113-S	UG/G
	11.600	0.150	SC-03510-S	UG/G
	7.500	0.150	SC-03510-C	UG/G
	20.100	0.160	SC-03517-C	UG/G
LEAD AVERAGE = 12.191 PCI/G				
THALLIUM (3 SAMPLES)				
	0.820	0.760	SC-03711-S	UG/G
	2.000	0.780	SC-03701-S	UG/G
	1.600	0.840	SC-03716-S	UG/G
THALLIUM AVERAGE = 1.473 UG/G				

CU035 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION	UNITS
RADIUM-226 (32 SAMPLES)				
	1.770	0.410	SC-03510-S	PCI/G
	1.410	0.370	SC-03518-S	PCI/G
	2.290	0.320	SC-03511-S	PCI/G
	1.860	0.400	SC-03521-S	PCI/G
	1.970	0.360	SC-03515-S	PCI/G
	2.020	0.280	SC-03514-S	PCI/G
	1.730	0.300	SC-03513-S	PCI/G
	2.320	0.180	SC-03701-S	PCI/G
	1.610	0.340	SC-03711-S	PCI/G
	1.820	0.290	SC-04116-S	PCI/G
	1.970	0.250	SC-03523-S	PCI/G
	1.770	0.350	SC-03522-S	PCI/G
	2.110	0.360	SC-03524-S	PCI/G
	1.660	0.270	SC-03510-C	PCI/G
	1.730	0.340	SC-03517-S	PCI/G
	1.700	0.250	SC-03520-S	PCI/G
	1.340	0.390	SC-03519-S	PCI/G
	1.730	0.320	SC-03501-S	PCI/G
	1.880	0.250	SC-03503-S	PCI/G
	2.180	0.260	SC-03502-S	PCI/G
	2.290	0.270	SC-03509-S	PCI/G
	2.000	0.270	SC-03505-C	PCI/G
	1.930	0.280	SC-03511-C	PCI/G
	2.340	0.220	SC-03519-C	PCI/G
	2.180	0.300	SC-03507-S	PCI/G
	2.040	0.280	SC-03517-C	PCI/G
	1.970	0.220	SC-03716-S	PCI/G
	2.220	0.310	SC-03506-S	PCI/G
	2.040	0.320	SC-04110-S	PCI/G
	1.500	0.320	SC-04107-S	PCI/G
	1.880	0.290	SC-03505-S	PCI/G
	2.430	0.260	SC-04324-S	PCI/G

RADIUM-226 AVERAGE = 1.927 PCI/G

add:

2.66	0.35	SC-03520-C
0.98	0.34	SC-04113-S

CU035 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION	UNITS
RADIUM-228 (34 SAMPLES)				
	1.240	0.410	SC-04116-S	PCI/G
	1.470	0.570	SC-03711-S	PCI/G
	1.310	0.510	SC-03701-S	PCI/G
	1.060	0.510	SC-03521-S	PCI/G
	1.290	0.630	SC-03522-S	PCI/G
	1.080	0.520	SC-03523-S	PCI/G
	2.060	0.540	SC-03524-S	PCI/G
	1.190	0.450	SC-03503-S	PCI/G
	1.390	0.620	SC-03506-S	PCI/G
	1.230	0.550	SC-03505-S	PCI/G
	1.250	0.440	SC-03511-C	PCI/G
	1.240	0.430	SC-03507-S	PCI/G
	0.565	1.130	SC-03509-S	PCI/G
	1.390	0.400	SC-03510-C	PCI/G
	0.670	1.340	SC-03510-S	PCI/G
	1.200	0.410	SC-03514-S	PCI/G
	1.790	0.550	SC-03515-S	PCI/G
	1.350	0.420	SC-03517-C	PCI/G
	1.290	0.480	SC-03517-S	PCI/G
	1.820	0.450	SC-03518-S	PCI/G
	1.430	0.640	SC-03502-S	PCI/G
	1.390	0.330	SC-03501-S	PCI/G
	1.240	0.320	SC-03505-C	PCI/G
	1.180	0.410	SC-03513-S	PCI/G
	1.270	0.420	SC-03511-S	PCI/G
	1.560	0.590	SC-03519-S	PCI/G
	1.180	0.460	SC-03519-C	PCI/G
	1.200	0.470	SC-03520-S	PCI/G
	1.080	0.410	SC-03716-S	PCI/G
	1.040	0.490	SC-04107-S	PCI/G
	1.390	0.390	SC-04110-S	PCI/G
	0.645	1.290	SC-04324-S	PCI/G

RADIUM-228 AVERAGE = 1.265 PCI/G
1.27 mak 5.22.97

Conc DL LOC
add: 1.31 0.58 SC-03520-C
1.47 0.57 SC-04113-S

mak
5.22.97

CU035 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION	UNITS
THORIUM-230 (24 SAMPLES)				
	2.770	2.270	SC-04110-S	PCI/G
	2.750	2.170	SC-03701-S	PCI/G
	2.330	2.170	SC-03711-S	PCI/G
	2.500	2.170	SC-03716-S	PCI/G
	1.120	0.090	SC-03524-S	PCI/G
	4.350	0.150	SC-03523-S	PCI/G
	1.450	0.140	SC-03509-S	PCI/G
	1.110	0.080	SC-03505-S	PCI/G
	1.500	0.090	SC-03505-C	PCI/G
	2.860	0.130	SC-03513-S	PCI/G
	1.910	0.170	SC-03506-S	PCI/G
	1.170	0.140	SC-03519-S	PCI/G
	2.560	0.130	SC-03519-C	PCI/G
	1.100	0.160	SC-03511-S	PCI/G
	1.160	0.150	SC-03510-S	PCI/G
	1.340	0.140	SC-03517-C	PCI/G
	1.790	0.170	SC-03517-S	PCI/G
	0.960	0.190	SC-03511-C	PCI/G
	1.090	0.220	SC-03510-C	PCI/G
	1.360	0.070	SC-03507-S	PCI/G
	0.650	0.200	SC-03518-S	PCI/G
	1.410	0.120	SC-03514-S	PCI/G
	1.960	0.140	SC-03515-S	PCI/G
	1.840	0.150	SC-03520-S	PCI/G

THORIUM-230 AVERAGE = 1.293 PCI/G

1.96 MGK 5.22.97

	Conc	DL	Loc
add:	2.49	2.27	SC-03520-C
	2.85	2.27	SC-04113-S

MGK 5.22.97

CU035 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION	UNITS
URANIUM-238 (35 SAMPLES)				
	1.495	2.990	SC-03716-S	PCI/G
	8.400	3.510	SC-03508-S	PCI/G
	1.885	3.770	SC-03509-S	PCI/G
	3.810	2.260	SC-03513-S	PCI/G
	1.900	3.800	SC-03502-S	PCI/G
	1.975	3.950	SC-03501-S	PCI/G
	1.505	3.010	SC-03503-S	PCI/G
	1.555	3.110	SC-03505-S	PCI/G
	1.970	3.940	SC-03510-S	PCI/G
	2.125	4.250	SC-03522-S	PCI/G
	1.550	3.100	SC-03523-S	PCI/G
	2.095	4.190	SC-03511-S	PCI/G
	11.720	3.050	SC-03512-S	PCI/G
	2.130	4.260	SC-03524-S	PCI/G
	1.975	3.950	SC-03701-S	PCI/G
	1.840	3.680	SC-03506-S	PCI/G
	1.610	3.220	SC-03507-S	PCI/G
	6.930	4.670	SC-03706-S	PCI/G
	1.870	3.740	SC-03711-S	PCI/G
	2.155	4.310	SC-03516-S	PCI/G
	2.230	4.460	SC-03515-S	PCI/G
	1.770	3.540	SC-03519-S	PCI/G
	2.100	2.380	SC-03520-S	PCI/G
	1.515	3.030	SC-03514-S	PCI/G
	2.075	4.150	SC-03504-S	PCI/G
	1.940	3.880	SC-03521-S	PCI/G
	5.290	4.050	SC-04113-S	PCI/G
	1.600	3.200	SC-04110-S	PCI/G
	1.925	3.850	SC-04109-S	PCI/G
	1.605	3.210	SC-04108-S	PCI/G
	2.200	2.760	SC-04107-S	PCI/G
	1.945	3.890	SC-03517-S	PCI/G
	3.970	2.390	SC-04116-S	PCI/G
	2.115	4.230	SC-03518-S	PCI/G
	4.550	1.180	SC-04324-S	PCI/G

URANIUM-238 AVERAGE = 2.781 PCI/G

Weldon Spring Site Remedial Action Project
7295 Highway 94 South, St. Charles, Missouri, 63304

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

SECTION I

1. Work Package Number: WP420 2. Date: 08-12-96 3. Review Form #: 96-036

4. Remediation Unit Number: RU006 5. Confirmation Unit Number: CU036 (map attached)

6. Contaminants of Concern: X U-238 X Th-230 X Th-232 X Ra-226 X Ra-228
____TNT X PCB ____PAH X As X Cr X Pb X Tl *

7. Results average below ALARA goal(s)?	X Yes	____No
8. All results below cleanup criteria?	X Yes	____No
9. Any results greater than 3X criteria?	____Yes	X No
10. Hotspots present (less than 3X criteria)?	____Yes	X No

Parameter	Size	Concentration	Complies with Plan?
/			____Yes ____No
N/A			____Yes ____No
			____Yes ____No
/			____Yes ____No

11. Reviewer: Melissa A Lisk Date: 08-12-96

12. Reviewer Disposition Recommendation:
____ Release for Unrestricted Use (Section II)
____ Additional Excavation Required (Section IV)
X ALARA Committee Required (Section III)

SECTION II ***Results are ALARA. CU is released for unrestricted use.***

14. ES&H Manager: _____ Date: _____

15. DOE Project Manager/Engineer: _____ Date: _____

16. Project Manager: _____ Date: _____

17. Construction Engineer: _____ Date: _____

SEE ATTACHED RESULTS AND MAP

* See Comments in Section III on Thallium results.

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

ES&H-1.2.1.03/96

SECTION III *ALARA Committee (Average above ALARA)*

Confirmation unit status reports have been attached for the following contaminants of concern for which the average exceeds ALARA:

____ U-238	____ Th-230	____ Th-232	____ Ra-226	____ RA-228	____ TNT
____ PAH	____ As	____ Cr	____ Pb	__X__ Tl	____ PCB

Disposition Input: Out of the 12 utility sample points, two points were not analyzed for Thallium. The samples are currently being analyzed. Based upon the past results & the statistically valid # of samples required (6), this CU is being released. The results for the above 2 locations will be included in this package when received.

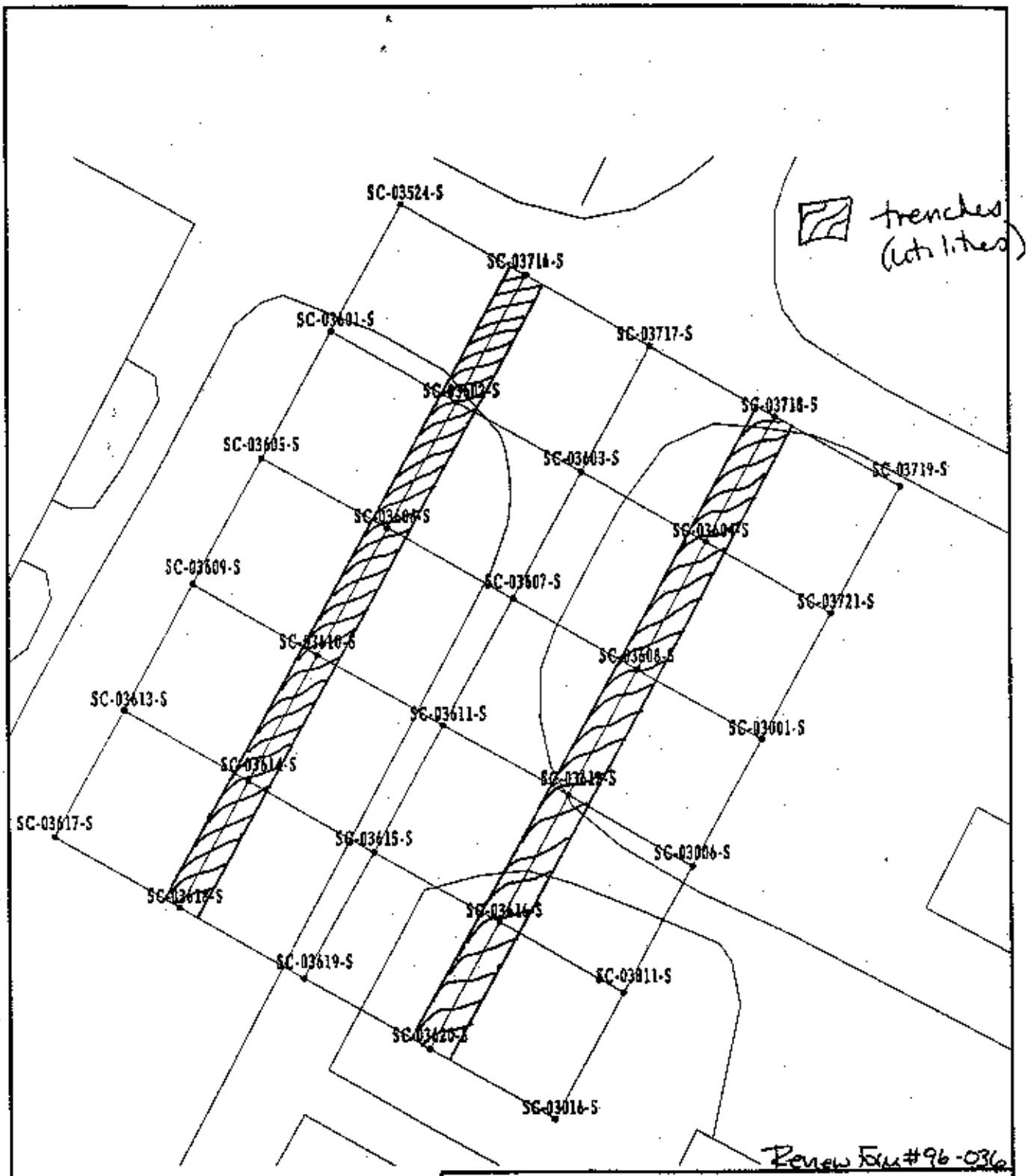
Disposition Decision:
- __X__ Backfill/Release for Unrestricted Use.
- _____ Additional Excavation Required.
- _____ Additional Samples to be Collected.

yes Vote	ES&H Manager	8/12/96 Date
yes Vote	DOE Project Manager/Engineer	8/12/96 Date
yes Vote	Deputy Project Director - Operations	8-12-96 Date
Yes Vote	Environmental Protection Manager	8-12-96 Date
Yes Vote	Deputy Project Director - Environmental	8/12/96 Date
	Construction Engineer	8/12/96 Date
	Project Manager	8/12/96 Date

Section IV *Results greater than 3X criteria or > hotspot rule, additional excavation automatically required.*

Project Manager: _____ Date: _____

Construction Engineer: _____ Date: _____



Sample Locations in Remedial Unit RU006 Confirmation Unit CU036

Figure B-17

EXHIBIT NO.: A/CP/099/1295		REPORT NO.: DOE/OR/21548-590	
DESIGNATOR: MGL	DRAWN BY: WSSRAP GIS	DATE: 3/96	

CU036 DATA REPORT

PARAMETER	CONC	DL	LOCATION	UNITS
PCBs				
	0.000	41.000	SC-03602-S	UG/KG
	0.000	40.000	SC-03604-S	UG/KG
	0.000	42.000	SC-03016-S	UG/KG
	0.000	41.000	SC-03606-S	UG/KG
	0.000	40.000	SC-03614-S	UG/KG
	0.000	38.000	SC-03612-S	UG/KG
	0.000	38.000	SC-03610-S	UG/KG
	0.000	37.000	SC-03608-S	UG/KG
	0.000	40.000	SC-03718-S	UG/KG
	0.000	43.000	SC-03716-S	UG/KG
	0.000	38.000	SC-03616-S	UG/KG
	0.000	40.000	SC-03620-S	UG/KG
	0.000	40.000	SC-03618-S	UG/KG

PCB AVERAGE = N/A (All results were less than the DL)

ARSENIC				
	9.100	0.520	SC-03716-S	UG/G
	7.900	0.490	SC-03718-S	UG/G
	7.800	0.460	SC-03616-S	UG/G
	5.200	0.490	SC-03614-S	UG/G
	4.500	0.460	SC-03610-S	UG/G
	3.700	0.460	SC-03612-S	UG/G
	7.100	0.450	SC-03608-S	UG/G
	3.800	0.490	SC-03606-S	UG/G
	2.700	0.490	SC-03602-S	UG/G
	7.200	0.480	SC-03604-S	UG/G
	7.800	0.490	SC-03620-S	UG/G
	5.300	0.480	SC-03618-S	UG/G

ARSENIC AVERAGE = 6.008 UG/G

CU036 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION	UNITS
CHROMIUM				
	15.700	0.550	SC-03604-S	UG/G
	10.100	0.560	SC-03602-S	UG/G
	10.700	0.570	SC-03606-S	UG/G
	13.400	0.530	SC-03616-S	UG/G
	11.800	0.560	SC-03718-S	UG/G
	8.400	0.600	SC-03716-S	UG/G
	14.700	0.520	SC-03608-S	UG/G
	10.000	0.520	SC-03612-S	UG/G
	10.600	0.530	SC-03610-S	UG/G
	14.500	0.560	SC-03614-S	UG/G
	14.900	0.570	SC-03620-S	UG/G
	13.300	0.550	SC-03618-S	UG/G
CHROMIUM AVERAGE = 12.342 UG/G				
LEAD				
	16.200	0.320	SC-03608-S	UG/G
	9.300	0.340	SC-03606-S	UG/G
	8.000	0.340	SC-03602-S	UG/G
	13.400	0.340	SC-03604-S	UG/G
	13.200	0.370	SC-03716-S	UG/G
	12.900	0.340	SC-03718-S	UG/G
	14.300	0.320	SC-03616-S	UG/G
	11.400	0.340	SC-03614-S	UG/G
	11.800	0.330	SC-03610-S	UG/G
	10.500	0.320	SC-03612-S	UG/G
	14.400	0.330	SC-03618-S	UG/G
	13.300	0.340	SC-03620-S	UG/G
	23.400	0.150	SC-03016-S	UG/G
LEAD AVERAGE = 13.238 UG/G				

CU036 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION	UNITS
RADIUM-226				
	2.110	0.360	SC-03524-S	PCI/G
0.85	~~0.375~~	0.750	SC-03016-S	PCI/G
MGL 5.27.97	2.340	0.280	SC-03601-S	PCI/G
	2.500	0.270	SC-03618-S	PCI/G
	2.040	0.290	SC-03620-S	PCI/G
	2.020	0.300	SC-03718-S	PCI/G
	1.970	0.220	SC-03716-S	PCI/G
	1.770	0.280	SC-03616-S	PCI/G
	1.500	0.320	SC-03614-S	PCI/G
	1.820	0.340	SC-03612-S	PCI/G
	1.570	0.350	SC-03610-S	PCI/G
	1.590	0.370	SC-03608-S	PCI/G
	1.970	0.260	SC-03606-S	PCI/G
	2.200	0.350	SC-03604-S	PCI/G
	1.730	0.290	SC-03602-S	PCI/G

RADIUM-226 AVERAGE = ~~1.834~~ 1.87 PCI/G MGL 5.27.97

RADIUM-228				
	1.220	0.470	SC-03016-S	PCI/G
	2.060	0.540	SC-03524-S	PCI/G
	1.480	0.500	SC-03601-S	PCI/G
	1.530	0.270	SC-03618-S	PCI/G
	1.320	0.380	SC-03620-S	PCI/G
	1.060	0.460	SC-03602-S	PCI/G
	1.510	0.360	SC-03606-S	PCI/G
	0.960	0.520	SC-03604-S	PCI/G
	1.190	0.530	SC-03608-S	PCI/G
	1.460	0.500	SC-03610-S	PCI/G
	1.510	0.480	SC-03614-S	PCI/G
	1.500	0.270	SC-03612-S	PCI/G
	1.160	0.470	SC-03616-S	PCI/G
	1.080	0.410	SC-03716-S	PCI/G
	0.940	0.400	SC-03718-S	PCI/G

RADIUM-228 AVERAGE = 1.332 PCI/G

CU036 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION	UNITS
THORIUM-230				
	2.730	2.170	SC-03718-S	PCI/G
	2.500	2.170	SC-03716-S	PCI/G
	2.360	2.170	SC-03616-S	PCI/G
	2.320	2.170	SC-03614-S	PCI/G
	2.280	2.170	SC-03612-S	PCI/G
	2.610	2.170	SC-03610-S	PCI/G
	2.620	2.170	SC-03608-S	PCI/G
	2.580	2.170	SC-03620-S	PCI/G
	2.870	2.170	SC-03618-S	PCI/G
	2.340	2.170	SC-03602-S	PCI/G
	2.380	2.170	SC-03606-S	PCI/G
	3.290	2.170	SC-03604-S	PCI/G
	1.120	0.020	SC-03524-S	PCI/G
	1.450	0.220	SC-03016-S	PCI/G

THORIUM-230 AVERAGE = 2.389 PCI/G

THORIUM-232 (SEE RADIUM-228 RESULTS)

THALLIUM				
	1.300	0.740	SC-03616-S	UG/G
	1.700	0.780	SC-03614-S	UG/G
	1.400	0.740	SC-03610-S	UG/G
	1.000	0.730	SC-03612-S	UG/G
	0.770	0.720	SC-03608-S	UG/G
	1.300	0.790	SC-03606-S	UG/G
	1.400	0.780	SC-03602-S	UG/G
	0.910	0.770	SC-03604-S	UG/G
	1.600	0.840	SC-03716-S	UG/G
	1.900	0.780	SC-03718-S	UG/G

THALLIUM AVERAGE = 1,328 UG/G

1.29 MAK 5-22-97

average corrected to reflect the 2 thallium results on last page.

CU036 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION	UNITS
URANIUM-238				
	1.960	3.920	SC-03607-S	PCI/G
	2.400	4.800	SC-03016-S	PCI/G
	1.530	3.060	SC-03606-S	PCI/G
	7.040	3.880	SC-03604-S	PCI/G
	1.530	3.060	SC-03617-S	PCI/G
	6.730	2.640	SC-03603-S	PCI/G
	1.685	3.370	SC-03602-S	PCI/G
	5.880	3.970	SC-03721-S	PCI/G
	5.840	3.170	SC-03006-S	PCI/G
	3.420	3.230	SC-03001-S	PCI/G
	11.100	2.460	SC-03608-S	PCI/G
	5.050	2.930	SC-03610-S	PCI/G
	2.175	4.350	SC-03611-S	PCI/G
	1.740	3.030	SC-03612-S	PCI/G
	1.520	3.040	SC-03614-S	PCI/G
	2.070	4.140	SC-03615-S	PCI/G
	1.515	3.030	SC-03616-S	PCI/G
	1.495	2.990	SC-03716-S	PCI/G
	4.060	3.420	SC-03717-S	PCI/G
	2.035	4.070	SC-03718-S	PCI/G
	4.660	2.070	SC-03719-S	PCI/G
	1.635	3.270	SC-03620-S	PCI/G
	2.235	4.470	SC-03619-S	PCI/G
	1.580	3.160	SC-03618-S	PCI/G
	1.540	3.080	SC-03011-S	PCI/G
	1.930	3.860	SC-03613-S	PCI/G
	5.330	3.410	SC-03601-S	PCI/G
	1.955	3.910	SC-03609-S	PCI/G
	12.820	3.100	SC-03605-S	PCI/G
	2.130	4.260	SC-03524-S	PCI/G

URANIUM-238 AVERAGE = 3.553 PCI/G

Results for the two missing Thalliums
(Request QT1436.1)

Location	Parameter	Concentration	Units	DL
SC-03618-S	Thallium	0.87	UG/G	0.77
SC-03620-S	Thallium	1.3	UG/G	0.79

Weldon Spring Site Remedial Action Project
7295 Highway 94 South, St. Charles, Missouri, 63304

ES&H 1.2.1.1, Rev. 1, 03/96

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

SECTION I

1. Work Package Number: WP420 2. Date: 08-13-96 3. Review Form #: 96-037
4. Remediation Unit Number: RU006 5. Confirmation Unit Number: CU037 (map attached)
6. Contaminants of Concern: X U-238 X Th-230 X Th-232 X Ra-226 X Ra-228
   ___ TNT X PCB ___ PAH X As X Cr X Pb X Tl

7. Results average below ALARA goal(s)?	X Yes ___ No
8. All results below cleanup criteria?	X Yes ___ No
9. Any results greater than 3X criteria?	___ Yes X No
10. Hotspots present (less than 3X criteria)?	___ Yes X No

Parameter	Size	Concentration	Complies with Plan?
N/A			___ Yes ___ No
			___ Yes ___ No
			___ Yes ___ No
			___ Yes ___ No

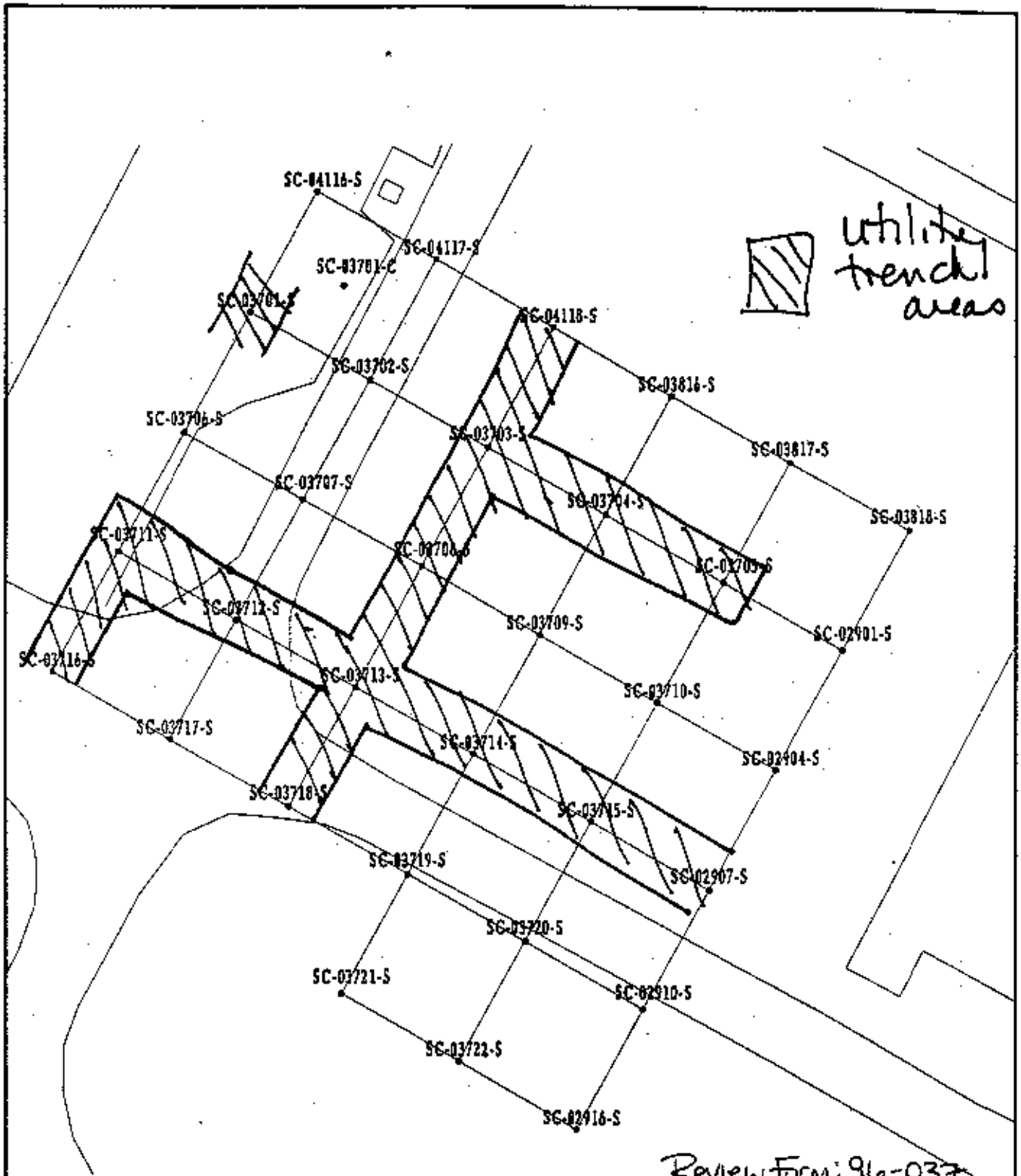
11. Reviewer: Melissa M. Leahy Date: 08/13/96

12. Reviewer Disposition Recommendation: X Release for Unrestricted Use (Section II)
    ___ Additional Excavation Required (Section IV)
    ___ ALARA Committee Required (Section III)

SECTION II ***Results are ALARA. CU is released for unrestricted use.***

14. ES&H Manager: for KA Date: 8/13/96
15. DOE Project Manager/Engineer: Thomas C. Pauling Date: 8/13/96
16. Project Manager: Date: 8/13/96
17. Construction Engineer: Darren L. Cagle Date: 8/13/96

SEE ATTACHED RESULTS AND MAP



Sample Locations in Remedial Unit RU006 Confirmation Unit CU037

Figure B-18

EXHIBIT NO.: A/CP/100/1295		REPORT NO.: DOE/OR/21548-590	
ORIGINATOR: MGL	DRAWN BY: WSSRAP GIS	DATE: 3/96	

CU037 DATA REPORT

PARAMETER	CONC	DL	LOCATION	UNITS
PCBs (14 SAMPLES)				
	0.000	40.000	SC-04118-S	UG/KG
	1,400.000	390.000	SC-03715-S	UG/KG
	560.000	38.000	SC-03714-S	UG/KG
	0.000	40.000	SC-03713-S	UG/KG
	72.000	39.000	SC-03712-S	UG/KG
	0.000	39.000	SC-03711-S	UG/KG
	0.000	42.000	SC-03708-S	UG/KG
	0.000	40.000	SC-03705-S	UG/KG
	0.000	41.000	SC-03704-S	UG/KG
	130.000	42.000	SC-03703-S	UG/KG
	0.000	40.000	SC-03701-S	UG/KG
	0.000	41.000	SC-02907-S	UG/KG
	0.000	43.000	SC-03716-S	UG/KG
	0.000	40.000	SC-03718-S	UG/KG

PCB AVERAGE = 154.429 UG/KG (0.154 MG/KG)

ARSENIC (14 SAMPLES)				
	9.200	0.500	SC-02907-S	UG/G
	7.900	0.490	SC-03718-S	UG/G
	9.100	0.520	SC-03716-S	UG/G
	5.700	0.510	SC-03703-S	UG/G
	5.900	0.490	SC-03701-S	UG/G
	9.800	0.500	SC-03704-S	UG/G
	13.500	0.490	SC-03705-S	UG/G
	1.800	0.480	SC-03711-S	UG/G
	8.400	0.500	SC-03708-S	UG/G
	7.700	0.470	SC-03712-S	UG/G
	4.600	0.490	SC-03713-S	UG/G
	8.300	0.470	SC-03714-S	UG/G
	9.800	0.470	SC-03715-S	UG/G
	5.700	0.490	SC-04118-S	UG/G

ARESENIC AVERAGE = 7.671 UG/G

CU037 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION	UNITS
CHROMIUM (14 SAMPLES)				
	21.600	0.570	SC-02907-S	UG/G
	11.800	0.560	SC-03718-S	UG/G
	8.400	0.600	SC-03716-S	UG/G
	13.300	0.560	SC-04118-S	UG/G
	16.400	0.540	SC-03715-S	UG/G
	14.800	0.540	SC-03714-S	UG/G
	9.800	0.560	SC-03701-S	UG/G
	10.800	0.590	SC-03703-S	UG/G
	10.800	0.560	SC-03713-S	UG/G
	12.000	0.540	SC-03712-S	UG/G
	13.000	0.580	SC-03708-S	UG/G
	14.100	0.550	SC-03711-S	UG/G
	15.500	0.560	SC-03705-S	UG/G
	12.900	0.580	SC-03704-S	UG/G
CHROMIUM AVERAGE = 13.229 UG/G				
LEAD (14 SAMPLES)				
	10.900	0.350	SC-02907-S	UG/G
	9.600	0.340	SC-04118-S	UG/G
	14.800	0.330	SC-03715-S	UG/G
	14.500	0.350	SC-03708-S	UG/G
	10.100	0.340	SC-03713-S	UG/G
	13.900	0.330	SC-03712-S	UG/G
	16.800	0.330	SC-03714-S	UG/G
	9.600	0.330	SC-03711-S	UG/G
	19.100	0.340	SC-03705-S	UG/G
	26.300	0.350	SC-03704-S	UG/G
	12.300	0.340	SC-03701-S	UG/G
	22.700	0.360	SC-03703-S	UG/G
	12.900	0.340	SC-03718-S	UG/G
	13.200	0.370	SC-03716-S	UG/G
LEAD AVERAGE = 14.764 UG/G				

CU037 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION	UNITS
RADIUM-226 (18 SAMPLES)				
	2.270	0.410	SC-02907-S	PCI/G
	2.020	0.300	SC-03718-S	PCI/G
	1.970	0.220	SC-03716-S	PCI/G
	1.930	0.290	SC-04118-S	PCI/G
	1.930	0.410	SC-04117-S	PCI/G
	1.820	0.290	SC-04116-S	PCI/G
	1.910	0.300	SC-03715-S	PCI/G
	1.910	0.260	SC-03714-S	PCI/G
	1.770	0.330	SC-03713-S	PCI/G
	2.130	0.230	SC-03712-S	PCI/G
	1.610	0.340	SC-03711-S	PCI/G
	2.200	0.250	SC-03708-S	PCI/G
	2.700	0.360	SC-03705-S	PCI/G
	2.250	0.260	SC-03704-S	PCI/G
	1.790	0.280	SC-03703-S	PCI/G
	1.750	0.280	SC-03702-S	PCI/G
	2.320	0.180	SC-03701-S	PCI/G
	1.860	0.270	SC-03701-C	PCI/G
RADIUM-226 AVERAGE = 2.008 PCI/G				
RADIUM-228 (18 SAMPLES)				
	1.590	0.490	SC-02907-S	PCI/G
	1.080	0.410	SC-03716-S	PCI/G
	0.940	0.400	SC-03718-S	PCI/G
	0.990	0.250	SC-03701-C	PCI/G
	1.310	0.510	SC-03701-S	PCI/G
	0.555	1.110	SC-03702-S	PCI/G
	1.280	0.400	SC-03704-S	PCI/G
	1.040	0.410	SC-03703-S	PCI/G
	1.080	0.400	SC-03705-S	PCI/G
	1.200	0.420	SC-03708-S	PCI/G
	1.470	0.570	SC-03711-S	PCI/G
	1.300	0.480	SC-03713-S	PCI/G
	1.110	0.390	SC-03712-S	PCI/G
	1.430	0.300	SC-03715-S	PCI/G
	1.210	0.550	SC-03714-S	PCI/G
	1.240	0.410	SC-04116-S	PCI/G
	0.640	0.390	SC-04117-S	PCI/G
	1.020	0.350	SC-04118-S	PCI/G
RADIUM-228 AVERAGE = 1.138 PCI/G				

CU037 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION	UNITS
THORIUM-230 (14 SAMPLES)				
	2.500	2.170	SC-03716-S	PCI/G
	2.730	2.170	SC-03718-S	PCI/G
	2.810	2.170	SC-02907-S	PCI/G
	2.460	2.170	SC-04118-S	PCI/G
	2.930	2.170	SC-03715-S	PCI/G
	2.650	2.170	SC-03714-S	PCI/G
	2.340	2.170	SC-03713-S	PCI/G
	2.330	2.170	SC-03711-S	PCI/G
	2.520	2.170	SC-03712-S	PCI/G
	2.360	2.170	SC-03708-S	PCI/G
	2.530	2.170	SC-03705-S	PCI/G
	2.500	2.170	SC-03704-S	PCI/G
	2.320	2.170	SC-03703-S	PCI/G
	2.750	2.170	SC-03701-S	PCI/G
THORIUM-230 AVERAGE = 2.552 PCI/G				
THALLIUM (14 SAMPLES)				
	1.900	0.780	SC-03718-S	UG/G
	1.600	0.840	SC-03716-S	UG/G
	1.200	0.800	SC-02907-S	UG/G
	2.000	0.760	SC-03715-S	UG/G
	2.200	0.780	SC-04118-S	UG/G
	1.400	0.820	SC-03703-S	UG/G
	2.000	0.780	SC-03701-S	UG/G
	2.200	0.800	SC-03704-S	UG/G
	1.700	0.780	SC-03705-S	UG/G
	0.820	0.760	SC-03711-S	UG/G
	1.700	0.810	SC-03708-S	UG/G
	1.400	0.760	SC-03712-S	UG/G
	0.920	0.780	SC-03713-S	UG/G
	1.200	0.750	SC-03714-S	UG/G
THALLIUM AVERAGE = 1.589 UG/G				

CU037 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION	UNITS
URANIUM-238 (33 SAMPLES)				
	2.150	4.300	SC-02907-S	PCI/G
	1.495	2.990	SC-03716-S	PCI/G
	4.060	3.420	SC-03717-S	PCI/G
	2.035	4.070	SC-03718-S	PCI/G
	4.660	2.070	SC-03719-S	PCI/G
	4.260	2.910	SC-02916-S	PCI/G
	1.610	3.220	SC-02910-S	PCI/G
	1.975	3.950	SC-03701-S	PCI/G
	5.880	3.970	SC-03721-S	PCI/G
	11.030	3.970	SC-03702-S	PCI/G
	1.445	2.890	SC-03703-S	PCI/G
	2.170	2.090	SC-03704-S	PCI/G
	1.895	3.790	SC-03705-S	PCI/G
	6.930	4.670	SC-03706-S	PCI/G
	7.080	2.450	SC-03707-S	PCI/G
	1.550	3.100	SC-03708-S	PCI/G
	2.135	4.270	SC-03709-S	PCI/G
	5.120	3.750	SC-03710-S	PCI/G
	1.870	3.740	SC-03711-S	PCI/G
	1.615	3.230	SC-03712-S	PCI/G
	1.945	3.890	SC-03713-S	PCI/G
	1.765	3.530	SC-03714-S	PCI/G
	1.510	3.020	SC-03715-S	PCI/G
	2.220	2.580	SC-03720-S	PCI/G
	6.640	2.790	SC-03816-S	PCI/G
	2.305	4.610	SC-03817-S	PCI/G
	3.970	2.390	SC-04116-S	PCI/G
	11.780	4.860	SC-04117-S	PCI/G
	1.585	3.170	SC-04118-S	PCI/G
	1.605	3.210	SC-03722-S	PCI/G
	2.000	4.000	SC-02901-S	PCI/G
	8.180	2.840	SC-02904-S	PCI/G
	2.880	4.130	SC-03818-S	PCI/G

URANIUM-238 AVERAGE = 3.620 PCI/G

Weldon Spring Site Remedial Action Project
7295 Highway 94 South, St. Charles, Missouri, 63304

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

SECTION I

1. Work Package Number: WP420 2. Date: 08-14-96 3. Review Form #: 96-039

4. Remediation Unit Number: RU006 5. Confirmation Unit Number: CU038 (map attached)

6. Contaminants of Concern: X U-238 X Th-230 X Th-232 X Ra-226 X Ra-228
   ___ TNT X PCB X PAH X As X Cr X Pb X Tl

7. Results average below ALARA goal(s)? PAHs	___ Yes X No
8. All results below cleanup criteria? *	X Yes ___ No
9. Any results greater than 3X criteria?	___ Yes X No
10. Hotspots present (less than 3X criteria)?	___ Yes X No

Parameter	Size	Concentration	Complies with Plan?
N/A			___ Yes ___ No
			___ Yes ___ No
			___ Yes ___ No
			___ Yes ___ No

11. Reviewer: Melvin A. Leith Date: 08/14/96

12. Reviewer Disposition Recommendation:
   ___ Release for Unrestricted Use (Section II)
   ___ Additional Excavation Required (Section IV)
   X ALARA Committee Required (Section III)

SECTION II ***Results are ALARA. CU is released for unrestricted use.***

14. ES&H Manager: _____ Date: _____

15. DOE Project Manager/Engineer: _____ Date: _____

16. Project Manager: _____ Date: _____

17. Construction Engineer: _____ Date: _____

SEE ATTACHED RESULTS AND MAP

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

ES&H-1.2.1. 03/96

SECTION III *ALARA Committee (Average above ALARA)*

Confirmation unit status reports have been attached for the following contaminants of concern for which the average exceeds ALARA:

___ U-238	___ Th-230	___ Th-232	___ Ra-226	___ RA-228	___ TNT
X PAH	___ As	___ Cr	___ Pb	___ Tl	___ PCB

Disposition Input: The average PAH concentration of 1.32 mg/kg exceeds ALARA. Passing this CU & releasing for unrestricted use, would still keep more than 50% of the # of PAH sample results below ALARA.

Disposition Decision:

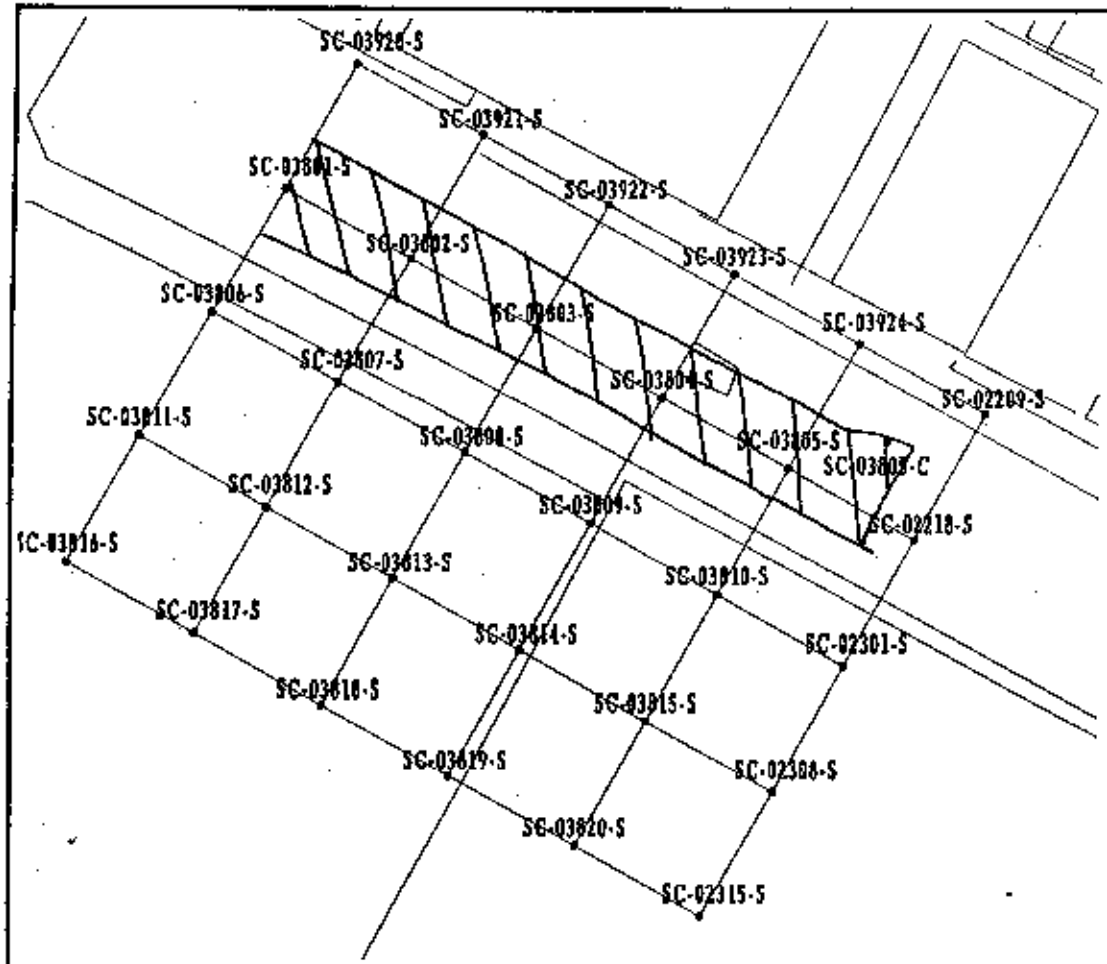
- X Backfill/Release for Unrestricted Use.
- ___ Additional Excavation Required.
- ___ Additional Samples to be Collected.

Release	George Moyer	8/14/96
Vote	ES&H Manager	Date
Release	Karen Saad	8/14/96
Vote	DOE Project Manager/Engineer	Date
Release	Glen Greenwell	8-14-96
Vote	Deputy Project Director - Operations	Date
Release	Melissa A. Lutz for GA Moyer	08/14/96
Vote	Environmental Protection Manager	Date
Release	Steve L. Baker	8/14/96
Vote	Deputy Project Director - Environmental	Date
	Danece L. Coppa	8/14/96
	Construction Engineer	Date
	Danece DLC	8/14/96
	Project Manager	Date

Section IV *Results greater than 3X criteria or > hotspot rule, additional excavation automatically required.*

Project Manager:_____ Date:_____

Construction Engineer:_____ Date:_____



Utility trenches.

trench samples required the following analyses: U-238, Ra-226, Ra-228, Th-230, Th-232, As, Cr, Pb, & PCBs.

10 5 0 10 METERS

30 15 0 30 FEET

N W E S

Review Form 96-039

Sample Locations in Remedial Unit RU006 Confirmation Unit CU038

Figure B-19

EXHIBIT NO.: A/CP/101/1295		REPORT NO.: DOE/OR/21548-590	
ORIGINATOR: MGL	DRAWN BY: WSSRAP GIS	DATE: 3/96	

CU038 DATA REPORT

PARAMETER	CONC	DL	LOCATION	UNITS
PCBs (21 SAMPLES)				
	0.000	16.000	SC-02315-S	UG/KG
	0.000	16.000	SC-02301-S	UG/KG
	0.000	16.000	SC-02308-S	UG/KG
	0.000	39.000	SC-03805-C	UG/KG
	0.000	40.000	SC-03805-S	UG/KG
	0.000	42.000	SC-03804-S	UG/KG
	0.000	39.000	SC-03803-S	UG/KG
	0.000	44.000	SC-03801-S	UG/KG
	0.000	40.000	SC-03802-S	UG/KG
	0.000	40.000	SC-03815-S	UG/KG
	0.000	37.000	SC-03814-S	UG/KG
	0.000	43.000	SC-03810-S	UG/KG
	0.000	41.000	SC-03809-S	UG/KG
	2,200.000	380.000	SC-03924-S	UG/KG
	0.000	42.000	SC-03920-S	UG/KG
	0.000	39.000	SC-03922-S	UG/KG
	0.000	39.000	SC-03921-S	UG/KG
	0.000	42.000	SC-03923-S	UG/KG
	0.000	41.000	SC-03819-S	UG/KG
	0.000	39.000	SC-03820-S	UG/KG
	0.000	40.000	SC-02209-S	UG/KG
PCB AVERAGE = 104.76 UG/KG (0.105 MG/KG)				
PAHs (3 SAMPLES)				
	2,130.000	NA	SC-03924-S	UG/KG
	240.000	NA	SC-03805-C	UG/KG
	1,600.000	NA	SC-02209-S	UG/KG
PAH AVERAGE = 1323.33 UG/KG (1.32 MG/KG)				
ARSENIC (21 SAMPLES)				
	7.700	0.490	SC-02308-S	UG/G
	7.600	0.480	SC-02301-S	UG/G
	13.700	0.480	SC-02315-S	UG/G
	3.000	0.470	SC-03805-C	UG/G
	8.800	0.490	SC-03805-S	UG/G
	1.900	0.510	SC-03804-S	UG/G
	3.000	0.480	SC-03802-S	UG/G
	3.200	0.470	SC-03803-S	UG/G
	3.900	0.530	SC-03801-S	UG/G
	8.100	0.450	SC-03814-S	UG/G
	7.600	0.480	SC-03815-S	UG/G
	10.300	0.490	SC-03809-S	UG/G
	13.900	0.520	SC-03810-S	UG/G
	4.500	0.480	SC-03922-S	UG/G
	4.600	0.510	SC-03923-S	UG/G
	8.700	0.480	SC-03921-S	UG/G
	9.800	0.510	SC-03920-S	UG/G
	11.100	0.470	SC-03924-S	UG/G
	8.800	0.480	SC-02209-S	UG/G
	10.000	0.500	SC-03819-S	UG/G
	7.700	0.480	SC-03820-S	UG/G
ARSENIC AVERAGE = 7.519 UG/G				

CU038 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION	UNITS
CHROMIUM (21 SAMPLES)				
	24.100	0.240	SC-02308-S	UG/G
	23.900	0.240	SC-02315-S	UG/G
	32.000	0.240	SC-02301-S	UG/G
	15.600	0.550	SC-03802-S	UG/G
	8.300	0.590	SC-03804-S	UG/G
	20.600	0.560	SC-03805-S	UG/G
	10.900	0.550	SC-03805-C	UG/G
	16.100	0.560	SC-03815-S	UG/G
	20.200	0.590	SC-03810-S	UG/G
	19.500	0.570	SC-03809-S	UG/G
	18.000	0.550	SC-03820-S	UG/G
	18.900	0.570	SC-03819-S	UG/G
	15.000	0.540	SC-03924-S	UG/G
	10.600	0.550	SC-03922-S	UG/G
	11.400	0.580	SC-03923-S	UG/G
	13.700	0.580	SC-03920-S	UG/G
	15.100	0.550	SC-03921-S	UG/G
	19.200	0.550	SC-02209-S	UG/G
	16.500	0.520	SC-03814-S	UG/G
	19.300	0.610	SC-03801-S	UG/G
	13.200	0.540	SC-03803-S	UG/G
CHROMIUM AVERAGE = 17.243 UG/G				
LEAD (21 SAMPLES)				
	12.100	0.240	SC-02301-S	UG/G
	22.800	0.240	SC-02315-S	UG/G
	15.400	0.240	SC-02308-S	UG/G
	11.600	0.340	SC-03805-S	UG/G
	10.400	0.330	SC-03803-S	UG/G
	9.700	0.360	SC-03804-S	UG/G
	12.600	0.340	SC-03802-S	UG/G
	9.800	0.370	SC-03801-S	UG/G
	13.100	0.310	SC-03814-S	UG/G
	17.400	0.340	SC-03815-S	UG/G
	17.800	0.350	SC-03809-S	UG/G
	21.900	0.360	SC-03810-S	UG/G
	8.500	0.330	SC-03805-C	UG/G
	13.000	0.140	SC-03924-S	UG/G
	18.300	0.140	SC-03921-S	UG/G
	19.100	0.150	SC-03920-S	UG/G
	12.700	0.140	SC-03922-S	UG/G
	11.200	0.150	SC-03923-S	UG/G
	16.900	0.340	SC-02209-S	UG/G
	16.100	0.350	SC-03819-S	UG/G
	11.300	0.340	SC-03820-S	UG/G
LEAD AVERAGE = 14.367 UG/G				
THALLIUM (9 SAMPLES)				
	0.360	0.240	SC-02315-S	UG/G
	0.420	0.240	SC-02301-S	UG/G
	0.270	0.240	SC-02308-S	UG/G
	0.360	0.720	SC-03814-S	UG/G
	1.300	0.780	SC-03815-S	UG/G
	1.300	0.790	SC-03809-S	UG/G
	1.100	0.830	SC-03810-S	UG/G
	1.100	0.770	SC-03820-S	UG/G
	1.000	0.800	SC-03819-S	UG/G
THALLIUM AVERAGE = 0.801 UG/G				

CU038 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION	UNITS
RADIUM-226 (21 SAMPLES)				
	2.320	0.370	SC-02315-S	PCI/G
	2.040	0.440	SC-02308-S	PCI/G
MAH 5-22-97	2.610 ~~1.150~~	0.220	SC-03820-S	PCI/G
	2.700	0.400	SC-03819-S	PCI/G
	2.430	0.360	SC-03924-S	PCI/G
	2.110	0.190	SC-03923-S	PCI/G
MAH 5-22-97	2.360 ~~1.040~~	0.250	SC-03922-S	PCI/G
	2.130	0.320	SC-03921-S	PCI/G
	2.430	0.230	SC-03920-S	PCI/G
	2.520	0.250	SC-02301-S	PCI/G
	2.200	0.350	SC-02209-S	PCI/G
	2.320	0.360	SC-03815-S	PCI/G
	1.930	0.290	SC-03814-S	PCI/G
	2.630	0.430	SC-03810-S	PCI/G
	3.110	0.480	SC-03809-S	PCI/G
	2.110	0.260	SC-03805-S	PCI/G
	2.110	0.370	SC-03805-C	PCI/G
	2.160	0.360	SC-03804-S	PCI/G
	1.410	0.340	SC-03803-S	PCI/G
	1.480	0.220	SC-03802-S	PCI/G
	2.110	0.320	SC-03801-S	PCI/G

RADIUM-226 AVERAGE = PCI/G
2.25 MAH 5-22-97

RADIUM-228 (21 SAMPLES)				
	1.370	0.440	SC-02315-S	PCI/G
	1.410	0.440	SC-02301-S	PCI/G
	1.800	0.420	SC-02308-S	PCI/G
	1.580	0.270	SC-03819-S	PCI/G
	0.430	0.860	SC-03820-S	PCI/G
	1.230	0.550	SC-03920-S	PCI/G
	1.400	0.450	SC-03922-S	PCI/G
	1.540	0.280	SC-03921-S	PCI/G
	1.210	0.500	SC-03923-S	PCI/G
	1.410	0.540	SC-03924-S	PCI/G
	1.430	0.550	SC-02209-S	PCI/G
	0.655	1.310	SC-03801-S	PCI/G
	1.230	0.700	SC-03803-S	PCI/G
	1.520	0.500	SC-03802-S	PCI/G
	1.530	0.150	SC-03804-S	PCI/G
	1.630	0.320	SC-03805-C	PCI/G
	2.750	0.840	SC-03809-S	PCI/G
	1.290	0.340	SC-03805-S	PCI/G
	0.660	1.320	SC-03810-S	PCI/G
	1.220	0.400	SC-03814-S	PCI/G
	0.990	0.450	SC-03815-S	PCI/G

RADIUM-228 AVERAGE = 1.347 PCI/G

CU038 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION	UNITS
THORIUM-230 (21 SAMPLES)				
	2.870	2.170	SC-03920-S	PCI/G
	2.980	2.170	SC-03921-S	PCI/G
	2.650	2.170	SC-03922-S	PCI/G
	2.650	2.170	SC-03923-S	PCI/G
	2.790	2.170	SC-03924-S	PCI/G
	1.070	0.029	SC-02301-S	PCI/G
	2.830	2.170	SC-03819-S	PCI/G
	2.660	2.170	SC-03820-S	PCI/G
	1.210	0.042	SC-02315-S	PCI/G
	1.130	0.034	SC-02209-S	PCI/G
	1.390	0.032	SC-02308-S	PCI/G
	2.840	2.170	SC-03814-S	PCI/G
	2.850	2.170	SC-03815-S	PCI/G
	2.600	2.170	SC-03810-S	PCI/G
	2.770	2.170	SC-03809-S	PCI/G
	2.780	2.170	SC-03805-S	PCI/G
	2.500	2.170	SC-03805-C	PCI/G
	2.520	2.170	SC-03804-S	PCI/G
	2.870	2.170	SC-03803-S	PCI/G
	2.700	2.170	SC-03802-S	PCI/G
	2.870	2.170	SC-03801-S	PCI/G

THORIUM-230 AVERAGE = 2.454 PCI/G

CU038 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION	UNITS
URANIUM-238 (31 SAMPLES)				
	2.035	4.070	SC-02209-S	PCI/G
	2.880	4.130	SC-03818-S	PCI/G
	4.640	3.490	SC-03819-S	PCI/G
	1.590	3.180	SC-03820-S	PCI/G
	1.525	3.050	SC-03920-S	PCI/G
	14.340	2.980	SC-03921-S	PCI/G
	2.205	4.410	SC-03922-S	PCI/G
	1.620	3.240	SC-03923-S	PCI/G
	2.280	4.560	SC-03924-S	PCI/G
	1.970	3.940	SC-02315-S	PCI/G
	1.955	3.910	SC-03801-S	PCI/G
	2.070	4.140	SC-03802-S	PCI/G
	2.100	3.990	SC-03803-S	PCI/G
	5.040	2.520	SC-03804-S	PCI/G
	5.470	4.150	SC-03805-C	PCI/G
	2.305	4.610	SC-03817-S	PCI/G
	6.640	2.790	SC-03816-S	PCI/G
	3.360	2.580	SC-03805-S	PCI/G
	1.705	3.410	SC-03806-S	PCI/G
	4.920	3.480	SC-03807-S	PCI/G
	6.570	2.170	SC-03808-S	PCI/G
	41.330	7.160	SC-03809-S	PCI/G
	18.560	5.440	SC-03810-S	PCI/G
	1.670	3.340	SC-03811-S	PCI/G
	1.575	3.150	SC-03812-S	PCI/G
	1.930	3.860	SC-03813-S	PCI/G
	8.770	2.880	SC-03814-S	PCI/G
	1.630	3.260	SC-03815-S	PCI/G
	1.880	3.760	SC-02301-S	PCI/G
	2.015	4.030	SC-02218-S	PCI/G
	2.240	4.480	SC-02308-S	PCI/G

URANIUM-238 AVERAGE = 5.123 PCI/G

Confirmation Unit Status Report for Current PAH Results To Date (08/14/96)

RU	CU	# OF SAMPLES	# < ALARA	CU < ALARA	AVG. CONC.
1	1	6	3	0	0.68
1	2	2	1	0	1.18
6	21	3	3	1	0.38
6	22	8	5	0	0.443
6	40	6	6	1	0.22
6	43P	2	2	1	0.025
6	44	5	4	1	0.175

Notes:

1) P = Partial release

2) Under "CU < ALARA", 0 = Avg. PAH concentration was above ALARA and 1 = Avg. PAH concentration was below ALARA.

Weldon Spring Site Remedial Action Project
7295 Highway 94 South, St. Charles, Missouri, 63304

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

SECTION I

1. Work Package Number: WP420 2. Date: 8/14/96 3. Review Form #: 96-038
4. Remediation Unit Number: RU006 5. Confirmation Unit Number: CU039 (map attached)
6. Contaminants of Concern: X U-238 X Th-230 X Th-232 X Ra-226 X Ra-228
   ___ TNT X PCB X PAH X As X Cr X Pb ___ Tl

7. Results average below ALARA goal(s)? PAH	___ Yes X No
8. All results below cleanup criteria?	X Yes ___ No
9. Any results greater than 3X criteria?	___ Yes X No
10. Hotspots present (less than 3X criteria)?	___ Yes X No

Parameter	Size	Concentration	Complies with Plan?
			___ Yes ___ No
			___ Yes ___ No
N/A			___ Yes ___ No
			___ Yes ___ No

11. Reviewer: Melvin H. Luth Date: 8/14/96

12. Reviewer Disposition Recommendation:
   ___ Release for Unrestricted Use (Section II)
   ___ Additional Excavation Required (Section IV)
   X ALARA Committee Required (Section III)

SECTION II ***Results are ALARA. CU is released for unrestricted use.***

14. ES&H Manager: _____ Date: _____
15. DOE Project Manager/Engineer: _____ Date: _____
16. Project Manager: _____ Date: _____
17. Construction Engineer: _____ Date: _____

SEE ATTACHED RESULTS AND MAP

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

ES&H-1.2.1, 03/96

SECTION III

ALARA Committee (Average above ALARA)

Confirmation unit status reports have been attached for the following contaminants of concern for which the average exceeds ALARA:

___ U-238	___ Th-230	___ Th-232	___ Ra-226	___ RA-228	___ TNT
X PAH	___ As	___ Cr	___ Pb	___ Tl	___ PCB

Disposition Input: The average PAH = 0.698 mg/Kg, which exceeds ALARA. Currently (not including this CU), 75% of the PAH samples are less than ALARA. Passing this CU would still keep more than 50% of the # of PAH samples below ALARA.

Disposition Decision:

X Backfill/Release for Unrestricted Use.
___ Additional Excavation Required.
___ Additional Samples to be Collected.

Release [signature] — Vote — ES&H Manager — Date: 8/14/96

Release [signature] — Vote — DOE Project Manager/Engineer — Date: 8/14/96

Release [signature] — Vote — Deputy Project Director - Operations — Date: 8-14-96

Release [signature] for J Maier — Vote — Environmental Protection Manager — Date: 08/14/96

Release [signature] — Vote — Deputy Project Director - Environmental — Date: 8/14/96

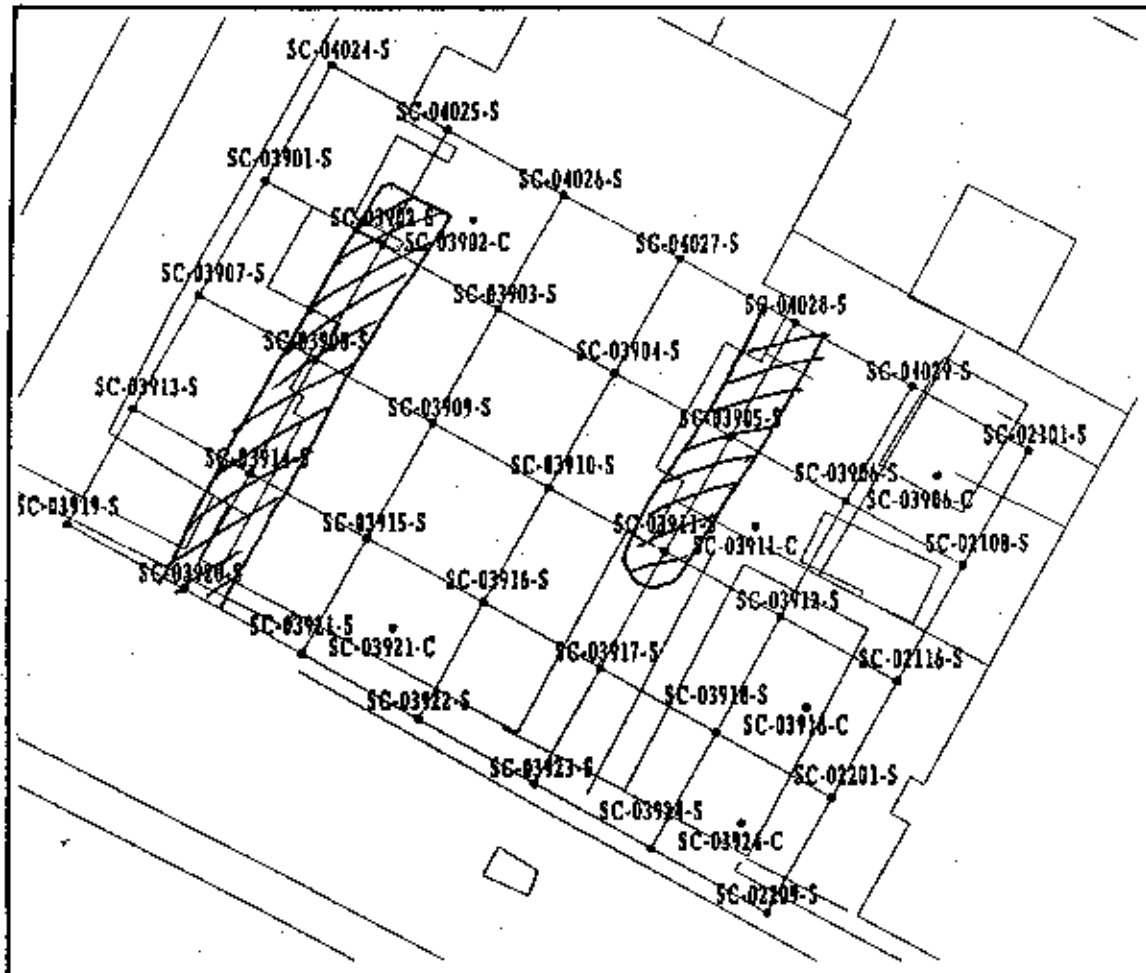
[signature] — Construction Engineer — Date: 8/14/96

DC Proj Manager [signature] — Project Manager DC — Const Engr. — Date: 8/14/96

Section IV *Results greater than 3X criteria or > hotspot rule, additional excavation automatically required.*

Project Manager: _____ Date: _____

Construction Engineer: _____ Date: _____



Utility trench

Raven Form #96-038

Sample Locations in Remedial Unit RU006
Confirmation Unit CU039

Figure B-20

EXHIBIT NO.: A/CP/102/1295		REPORT NO.: DOE/OR/21548-590	
ORIGINATOR: MGL	DRAWN BY: WSSRAP GIS	DATE: 3/96	

CU039 DATA REPORT

PARAMETER	CONC	DL	LOCATION	UNITS
PCBs (40 SAMPLES)				
	0.000	40.000	SC-03913-S	UG/KG
	290.000	38.000	SC-04024-S	UG/KG
	118.000	37.000	SC-03901-S	UG/KG
	0.000	40.000	SC-03907-S	UG/KG
	0.000	41.000	SC-02101-S	UG/KG
	0.000	39.000	SC-04028-S	UG/KG
	0.000	39.000	SC-04027-S	UG/KG
	0.000	39.000	SC-04029-S	UG/KG
	0.000	40.000	SC-04026-S	UG/KG
	0.000	41.000	SC-04025-S	UG/KG
	0.000	40.000	SC-02108-S	UG/KG
	0.000	39.000	SC-03906-S	UG/KG
	0.000	39.000	SC-03902-C	UG/KG
	0.000	38.000	SC-03902-S	UG/KG
	0.000	36.000	SC-03906-C	UG/KG
	2,200.000	380.000	SC-03924-S	UG/KG
	0.000	40.000	SC-03908-S	UG/KG
	0.000	40.000	SC-03911-S	UG/KG
	52.000	35.000	SC-03911-C	UG/KG
	0.000	36.000	SC-03915-S	UG/KG
	0.000	40.000	SC-03914-S	UG/KG
	0.000	36.000	SC-03916-S	UG/KG
	0.000	39.000	SC-03917-S	UG/KG
	0.000	36.000	SC-03910-S	UG/KG
	39.000	35.000	SC-03918-S	UG/KG
	0.000	42.000	SC-03920-S	UG/KG
	0.000	40.000	SC-03918-C	UG/KG
	0.000	37.000	SC-03921-C	UG/KG
	0.000	40.000	SC-03905-S	UG/KG
	0.000	39.000	SC-03922-S	UG/KG
	0.000	39.000	SC-03921-S	UG/KG
	0.000	42.000	SC-03923-S	UG/KG
	0.000	44.000	SC-03909-S	UG/KG
	0.000	38.000	SC-03912-S	UG/KG
	0.000	40.000	SC-03924-C	UG/KG
	0.000	38.000	SC-03903-S	UG/KG
	0.000	40.000	SC-03904-S	UG/KG
	0.000	39.000	SC-02116-S	UG/KG
	0.000	41.000	SC-02201-S	UG/KG
	0.000	40.000	SC-02209-S	UG/KG

PCB AVERAGE = 67.48UG/KG (0.067MG/KG)

CU039 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION	UNITS
PAHs (17 SAMPLES)				
	2,130.000	5.100	SC-03924-S	UG/KG
	810.000	27.000	SC-02201-S	UG/KG
	290.000	5.100	SC-04027-S	UG/KG
	150.000	5.100	SC-04028-S	UG/KG
	120.000	5.200	SC-02108-S	UG/KG
	0.000	5.700	SC-03909-S	UG/KG
	1,226.000	49.000	SC-03912-S	UG/KG
	49.000	4.940	SC-03903-S	UG/KG
	1,617.000	45.000	SC-03918-S	UG/KG
	130.000	5.200	SC-03904-S	UG/KG
	0.000	4.700	SC-03910-S	UG/KG
	280.000	5.200	SC-03905-S	UG/KG
	2,459.000	51.000	SC-03906-S	UG/KG
	190.000	5.100	SC-02116-S	UG/KG
	1,607.200	52.000	SC-02209-S	UG/KG
	82.000	5.300	SC-04026-S	UG/KG
	728.000	5.200	SC-03911-S	UG/KG

PAH AVERAGE = 698.12 UG/KG (0.698 MG/KG)

CU039 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION	UNITS
ARSENIC (39 SAMPLES)				
	6.900	0.420	SC-03918-S	UG/G
	11.200	0.480	SC-03905-S	UG/G
	7.600	0.440	SC-03910-S	UG/G
	12.500	0.480	SC-03904-S	UG/G
	7.000	0.460	SC-03903-S	UG/G
	11.000	0.490	SC-03924-C	UG/G
	4.500	0.480	SC-03922-S	UG/G
	4.600	0.510	SC-03923-S	UG/G
	8.700	0.480	SC-03921-S	UG/G
	9.800	0.510	SC-03920-S	UG/G
	8.000	0.450	SC-03921-C	UG/G
	6.000	0.480	SC-03918-C	UG/G
	17.700	0.480	SC-03906-S	UG/G
	7.500	0.470	SC-03917-S	UG/G
	11.100	0.470	SC-03924-S	UG/G
	8.700	0.440	SC-03916-S	UG/G
	11.000	0.460	SC-03912-S	UG/G
	8.700	0.490	SC-03911-S	UG/G
	7.000	0.430	SC-03915-S	UG/G
	8.000	0.430	SC-03911-C	UG/G
	4.700	0.480	SC-03914-S	UG/G
	3.500	0.490	SC-03908-S	UG/G
	2.000	0.530	SC-03909-S	UG/G
	7.700	0.440	SC-03906-C	UG/G
	4.900	0.470	SC-03902-C	UG/G
	3.100	0.470	SC-03902-S	UG/G
	7.600	0.470	SC-04027-S	UG/G
	10.000	0.470	SC-04028-S	UG/G
	4.700	0.500	SC-04025-S	UG/G
	6.700	0.490	SC-04026-S	UG/G
	6.600	0.480	SC-02108-S	UG/G
	8.600	0.490	SC-02101-S	UG/G
	7.700	2.300	SC-04024-S	UG/G
	6.900	2.400	SC-03913-S	UG/G
	10.600	2.200	SC-03901-S	UG/G
	9.800	2.400	SC-03907-S	UG/G
	8.800	0.480	SC-02209-S	UG/G
	8.200	0.490	SC-02201-S	UG/G
	7.800	0.480	SC-02116-S	UG/G

ARSENIC AVERAGE = 7.882 UG/G

CU039 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION	UNITS
CHROMIUM (39 SAMPLES)				
	15.900	2.700	SC-04024-S	UG/G
	23.200	0.550	SC-02116-S	UG/G
	15.200	0.570	SC-02201-S	UG/G
	21.200	0.550	SC-02108-S	UG/G
	10.000	0.610	SC-03909-S	UG/G
	19.300	2.800	SC-03913-S	UG/G
	16.500	2.800	SC-03907-S	UG/G
	14.000	0.540	SC-04027-S	UG/G
	13.100	0.560	SC-04026-S	UG/G
	16.300	2.600	SC-03901-S	UG/G
	12.700	0.540	SC-03902-C	UG/G
	8.000	0.540	SC-03902-S	UG/G
	14.400	0.510	SC-03906-C	UG/G
	16.600	0.530	SC-03912-S	UG/G
	15.000	0.540	SC-03924-S	UG/G
	10.200	0.560	SC-03908-S	UG/G
	14.600	0.560	SC-03911-S	UG/G
	10.700	0.500	SC-03915-S	UG/G
	11.700	0.490	SC-03911-C	UG/G
	10.400	0.550	SC-03914-S	UG/G
	15.300	0.540	SC-03917-S	UG/G
	16.000	0.500	SC-03916-S	UG/G
	15.500	0.550	SC-03906-S	UG/G
	16.200	0.550	SC-03918-C	UG/G
	10.600	0.550	SC-03922-S	UG/G
	15.000	0.560	SC-03924-C	UG/G
	11.400	0.580	SC-03923-S	UG/G
	13.700	0.580	SC-03920-S	UG/G
	15.700	0.520	SC-03921-C	UG/G
	15.100	0.550	SC-03921-S	UG/G
	11.500	0.560	SC-03904-S	UG/G
	15.100	0.490	SC-03918-S	UG/G
	14.900	0.560	SC-03905-S	UG/G
	9.200	0.500	SC-03910-S	UG/G
	13.200	0.530	SC-03903-S	UG/G
	17.800	0.570	SC-02101-S	UG/G
	19.200	0.550	SC-02209-S	UG/G
	15.800	0.540	SC-04028-S	UG/G
	12.300	0.570	SC-04025-S	UG/G

CHROMIUM AVERAGE = 14.423 UG/G

CU039 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION	UNITS
LEAD (39 SAMPLES)				
	14.400	0.130	SC-03906-C	UG/G
	7.300	0.140	SC-03902-C	UG/G
	9.300	0.140	SC-03902-S	UG/G
	10.700	0.150	SC-03908-S	UG/G
	8.900	0.140	SC-03918-C	UG/G
	12.900	0.140	SC-03917-S	UG/G
	15.200	0.330	SC-04027-S	UG/G
	15.700	0.140	SC-03912-S	UG/G
	7.200	0.160	SC-03909-S	UG/G
	11.600	0.150	SC-03911-S	UG/G
	13.000	0.130	SC-03916-S	UG/G
	11.200	0.130	SC-03911-C	UG/G
	13.000	0.140	SC-03914-S	UG/G
	13.000	0.140	SC-03924-S	UG/G
	14.300	0.130	SC-03915-S	UG/G
	20.100	0.140	SC-03906-S	UG/G
	18.300	0.140	SC-03921-S	UG/G
	10.500	0.140	SC-03921-C	UG/G
	19.100	0.150	SC-03920-S	UG/G
	12.700	0.140	SC-03922-S	UG/G
	15.400	0.150	SC-03924-C	UG/G
	11.200	0.150	SC-03923-S	UG/G
	13.000	0.130	SC-03918-S	UG/G
	9.800	0.150	SC-03904-S	UG/G
	9.200	0.130	SC-03910-S	UG/G
	16.100	0.150	SC-03905-S	UG/G
	10.100	0.140	SC-03903-S	UG/G
	10.500	0.350	SC-04025-S	UG/G
	11.300	1.600	SC-04024-S	UG/G
	20.100	1.700	SC-03907-S	UG/G
	13.700	1.700	SC-03913-S	UG/G
	11.200	0.340	SC-02108-S	UG/G
	15.400	1.600	SC-03901-S	UG/G
	10.000	0.340	SC-04026-S	UG/G
	16.200	0.350	SC-02201-S	UG/G
	14.900	0.340	SC-02101-S	UG/G
	13.800	0.330	SC-04028-S	UG/G
	16.900	0.340	SC-02209-S	UG/G
	33.400	0.330	SC-02116-S	UG/G

LEAD AVERAGE = 13.605 UG/G

CU039 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION	UNITS
RADIUM-226 (39 SAMPLES)				
	2.090	0.290	SC-04024-S	PCI/G
	2.680	0.270	SC-02101-S	PCI/G
	2.270	0.360	SC-03924-S	PCI/G
	1.840	0.320	SC-03924-C	PCI/G
	2.110	0.190	SC-03923-S	PCI/G
	2.360	0.250	SC-03922-S	PCI/G
	2.130	0.320	SC-03921-S	PCI/G
	1.700	0.330	SC-03921-C	PCI/G
	2.430	0.230	SC-03920-S	PCI/G
	2.380	0.340	SC-03918-S	PCI/G
	2.180	0.300	SC-03918-C	PCI/G
	2.040	0.300	SC-03917-S	PCI/G
	2.070	0.270	SC-03915-S	PCI/G
	1.820	0.240	SC-03914-S	PCI/G
	2.160	0.180	SC-03912-S	PCI/G
	2.360	0.230	SC-03911-S	PCI/G
	2.130	0.280	SC-03911-C	PCI/G
	1.790	0.290	SC-03910-S	PCI/G
	2.040	0.260	SC-03909-S	PCI/G
	1.820	0.290	SC-03908-S	PCI/G
	2.200	0.250	SC-03906-S	PCI/G
	1.630	0.310	SC-03906-C	PCI/G
	1.700	0.260	SC-03905-S	PCI/G
	1.910	0.280	SC-03904-S	PCI/G
	1.970	0.300	SC-03903-S	PCI/G
	1.770	0.350	SC-03902-S	PCI/G
	2.110	0.330	SC-03902-C	PCI/G
	2.200	0.340	SC-03901-S	PCI/G
	2.470	0.260	SC-03907-S	PCI/G
	2.160	0.240	SC-02116-S	PCI/G
	2.200	0.350	SC-02209-S	PCI/G
	1.700	0.390	SC-02201-S	PCI/G
	2.770	0.230	SC-03913-S	PCI/G
	2.540	0.160	SC-02108-S	PCI/G
	2.200	0.280	SC-04025-S	PCI/G
	2.110	0.300	SC-04026-S	PCI/G
	2.610	0.430	SC-04027-S	PCI/G
	2.680	0.290	SC-04028-S	PCI/G
	2.180	0.270	SC-03916-S	PCI/G

RADIUM-226 AVERAGE = 2.146 PCI/G

CU039 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION	UNITS
RADIUM-228 (39 SAMPLES)				
	0.970	0.450	SC-02108-S	PCI/G
	1.350	0.360	SC-02101-S	PCI/G
	1.640	0.160	SC-03901-S	PCI/G
	1.210	0.470	SC-03907-S	PCI/G
	1.220	0.500	SC-03913-S	PCI/G
	1.160	0.400	SC-03902-C	PCI/G
	0.850	0.560	SC-03902-S	PCI/G
	1.190	0.670	SC-03904-S	PCI/G
	1.400	0.480	SC-03903-S	PCI/G
	0.570	1.140	SC-03905-S	PCI/G
	1.190	0.420	SC-03906-S	PCI/G
	1.190	0.450	SC-03906-C	PCI/G
	1.170	0.380	SC-03908-S	PCI/G
	1.240	0.450	SC-03909-S	PCI/G
	1.280	0.510	SC-03910-S	PCI/G
	1.620	0.510	SC-03911-C	PCI/G
	1.150	0.270	SC-03911-S	PCI/G
	1.030	0.530	SC-03912-S	PCI/G
	1.110	0.800	SC-03915-S	PCI/G
	1.520	0.560	SC-03914-S	PCI/G
	0.930	0.380	SC-03917-S	PCI/G
	1.510	0.440	SC-03916-S	PCI/G
	0.610	1.220	SC-03918-S	PCI/G
	1.330	0.600	SC-03918-C	PCI/G
	1.230	0.550	SC-03920-S	PCI/G
	1.500	0.320	SC-03921-C	PCI/G
	1.400	0.450	SC-03922-S	PCI/G
	1.540	0.280	SC-03921-S	PCI/G
	1.210	0.500	SC-03923-S	PCI/G
	0.960	0.560	SC-03924-C	PCI/G
	1.410	0.540	SC-03924-S	PCI/G
	1.360	0.490	SC-04028-S	PCI/G
	1.430	0.690	SC-04027-S	PCI/G
	1.240	0.490	SC-04026-S	PCI/G
	1.010	0.480	SC-04025-S	PCI/G
	1.160	0.420	SC-04024-S	PCI/G
	0.580	1.160	SC-02116-S	PCI/G
	1.060	0.570	SC-02201-S	PCI/G
	1.430	0.550	SC-02209-S	PCI/G

RADIUM-228 AVERAGE = 1.204 PCI/G

CU039 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION	UNITS
THORIUM-230 (39 SAMPLES)				
	2.870	2.170	SC-03920-S	PCI/G
	2.840	2.170	SC-03918-S	PCI/G
	2.790	2.170	SC-03917-S	PCI/G
	2.890	2.170	SC-03916-S	PCI/G
	2.410	2.170	SC-03918-C	PCI/G
	2.480	2.170	SC-03915-S	PCI/G
	2.440	2.170	SC-03914-S	PCI/G
	2.860	2.170	SC-03912-S	PCI/G
	2.680	2.170	SC-03911-S	PCI/G
	2.640	2.170	SC-03911-C	PCI/G
	2.340	2.170	SC-03909-S	PCI/G
	2.530	2.170	SC-03910-S	PCI/G
	2.360	2.170	SC-03908-S	PCI/G
	2.880	2.170	SC-03906-S	PCI/G
	2.620	2.170	SC-03906-C	PCI/G
	2.770	2.170	SC-03905-S	PCI/G
	2.640	2.170	SC-03904-S	PCI/G
	2.530	2.170	SC-03902-S	PCI/G
	2.710	2.170	SC-03903-S	PCI/G
	2.490	2.170	SC-03902-C	PCI/G
	2.580	2.170	SC-03921-C	PCI/G
	2.980	2.170	SC-03921-S	PCI/G
	2.650	2.170	SC-03922-S	PCI/G
	2.650	2.170	SC-03923-S	PCI/G
	2.890	2.170	SC-03924-C	PCI/G
	2.790	2.170	SC-03924-S	PCI/G
	1.400	0.049	SC-04029-S	PCI/G
	1.320	0.043	SC-04028-S	PCI/G
	1.160	0.060	SC-04027-S	PCI/G
	1.150	0.047	SC-04026-S	PCI/G
	1.250	0.046	SC-04025-S	PCI/G
	1.090	0.036	SC-02101-S	PCI/G
	1.020	0.039	SC-02108-S	PCI/G
	1.130	0.034	SC-02209-S	PCI/G
	1.380	0.052	SC-02201-S	PCI/G
	1.060	0.037	SC-02116-S	PCI/G
	3.630	2.170	SC-03901-S	PCI/G
	2.620	2.170	SC-03907-S	PCI/G
	2.650	2.170	SC-03913-S	PCI/G

THORIUM-230 AVERAGE = 2.312 PCI/G

CU039 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION	UNITS
URANIUM-238 (36 SAMPLES)				
	1.880	3.760	SC-04026-S	PCI/G
	3.790	2.690	SC-04025-S	PCI/G
	3.740	3.000	SC-04027-S	PCI/G
	4.250	3.260	SC-03901-S	PCI/G
	1.525	3.050	SC-03907-S	PCI/G
	2.035	4.070	SC-02209-S	PCI/G
	2.055	4.110	SC-03913-S	PCI/G
	4.680	3.480	SC-03919-S	PCI/G
	2.100	2.220	SC-02201-S	PCI/G
	1.915	3.830	SC-02116-S	PCI/G
	2.235	4.470	SC-03902-S	PCI/G
	1.475	2.950	SC-03903-S	PCI/G
	2.060	4.120	SC-03904-S	PCI/G
	3.690	2.270	SC-03905-S	PCI/G
	2.140	2.240	SC-03906-S	PCI/G
	3.770	2.920	SC-03908-S	PCI/G
	5.490	2.220	SC-03909-S	PCI/G
	9.990	4.590	SC-03910-S	PCI/G
	3.560	3.630	SC-03911-S	PCI/G
	4.210	1.990	SC-03912-S	PCI/G
	2.165	4.330	SC-03914-S	PCI/G
	2.095	4.190	SC-03915-S	PCI/G
	15.770	3.820	SC-03916-S	PCI/G
	3.040	2.650	SC-03917-S	PCI/G
	2.350	4.700	SC-03918-S	PCI/G
	1.525	3.050	SC-03920-S	PCI/G
	14.340	2.980	SC-03921-S	PCI/G
	2.205	4.410	SC-03922-S	PCI/G
	1.620	3.240	SC-03923-S	PCI/G
	2.055	4.110	SC-03924-C	PCI/G
	2.280	4.560	SC-03924-S	PCI/G
	1.590	3.180	SC-02108-S	PCI/G
	4.000	2.630	SC-02101-S	PCI/G
	2.275	4.550	SC-04029-S	PCI/G
	1.740	3.480	SC-04028-S	PCI/G
	4.130	2.720	SC-04024-S	PCI/G

URANIUM-238 AVERAGE = 3.605 PCI/G

Confirmation Unit Status Report for Current PAH Results To Date (08/14/96)

RU	CU	# OF SAMPLES	# < ALARA	CU < ALARA	AVG. CONC.
1	1	6	3	0	0.68
1	2	2	1	0	1.18
6	21	3	3	1	0.38
6	22	8	5	0	0.443
6	40	6	6	1	0.22
6	43P	2	2	1	0.025
6	44	5	4	1	0.175

Notes:

1) P = Partial release

2) Under "CU < ALARA", 0 = Avg. PAH concentration was above ALARA and 1 = Avg. PAH concentration was below ALARA.

Weldon Spring Site Remedial Action Project
7295 Highway 94 South, St. Charles, Missouri, 63304

ES&H 1.2.1.1, Rev. 1, 03/96

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

SECTION I

1. Work Package Number: WP470 2. Date: 8-8-96 3. Review Form #: 96-033

4. Remediation Unit Number: RUDD6 5. Confirmation Unit Number: CU 040 (map attached)

6. Contaminants of Concern: X U-238 X Th-230 X Th-232 X Ra-226 X Ra-228
___ TNT X PCB X PAH X As X Cr X Pb ___ Tl

7. Results average below ALARA goal(s)?	X Yes ___ No
8. All results below cleanup criteria?	X Yes ___ No
9. Any results greater than 3X criteria?	___ Yes X No
10. Hotspots present (less than 3X criteria)?	___ Yes X No

Parameter	Size	Concentration	Complies with Plan?
N/A			___ Yes ___ No
			___ Yes ___ No
			___ Yes ___ No
			___ Yes ___ No

11. Reviewer: Melissa H. Lutz Date: 8-8-96

12. Reviewer Disposition Recommendation: X Release for Unrestricted Use (Section II)
___ Additional Excavation Required (Section IV)
___ ALARA Committee Required (Section III)

SECTION II ***Results are ALARA. CU is released for unrestricted use.***

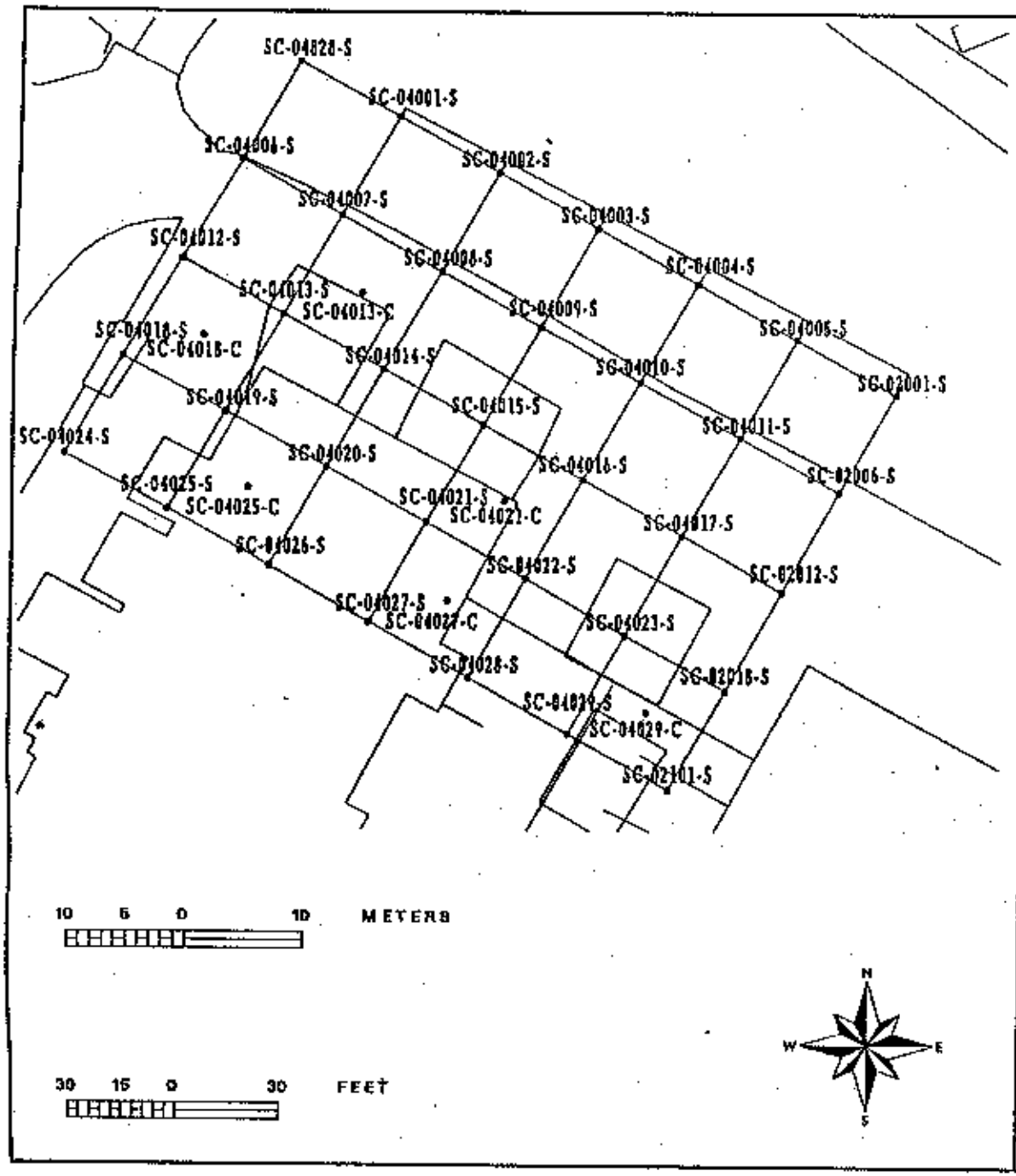
14. ES&H Manager: [signature] Date: 8/8/96

15. DOE Project Manager/Engineer: Thomas C. Bailey Date: 8/8/96

16. Project Manager: [signature] Date: 8/8/96

17. Construction Engineer: Daniel L. Capps Date: 8/8/96

SEE ATTACHED RESULTS AND MAP



Review Form #96-033

Sample Locations in Remedial Unit RU006 Confirmation Unit CU040

Figure B-21

EXHIBIT NO.: A/CP/103/1295		REPORT NO.: DOE/OR/21548-590	
ORIGINATOR: MGL	DRAWN BY: WSSRAP GIS	DATE: 3/96	

CU040 DATA REPORT

PARAMETER	CONC	DL	LOCATION	UNITS
PCBs	0.000	40.000	SC-04025-C	UG/KG
	50.000	39.000	SC-04023-S	UG/KG
	0.000	39.000	SC-04029-C	UG/KG
	0.000	41.000	SC-04025-S	UG/KG
	0.000	40.000	SC-04026-S	UG/KG
	280.000	40.000	SC-04021-S	UG/KG
	0.000	39.000	SC-04029-S	UG/KG
	0.000	42.000	SC-04022-S	UG/KG
	0.000	39.000	SC-04020-S	UG/KG
	0.000	39.000	SC-04027-S	UG/KG
	0.000	39.000	SC-04028-S	UG/KG
	0.000	40.000	SC-04021-C	UG/KG
	0.000	41.000	SC-04007-S	UG/KG
	0.000	41.000	SC-04008-S	UG/KG
	0.000	41.000	SC-04010-S	UG/KG
	0.000	38.000	SC-04013-C	UG/KG
	0.000	42.000	SC-04014-S	UG/KG
	0.000	39.000	SC-04013-S	UG/KG
	0.000	41.000	SC-04016-S	UG/KG
	56.000	37.000	SC-04018-C	UG/KG
	0.000	40.000	SC-04019-S	UG/KG
	460.000	39.000	SC-04027-C	UG/KG
	0.000	41.000	SC-02101-S	UG/KG
	0.000	39.000	SC-02018-S	UG/KG
	290.000	38.000	SC-04024-S	UG/KG
	750.000	36.000	SC-04012-S	UG/KG
	0.000	40.000	SC-04001-U	UG/KG

PCB AVERAGE = 69.852 UG/KG (0.0699 MG/KG)

PAHs

82.000	0.000	SC-04026-S	UG/KG
450.000	0.000	SC-04027-C	UG/KG
190.000	0.000	SC-04021-S	UG/KG
290.000	0.000	SC-04027-S	UG/KG
150.000	0.000	SC-04028-S	UG/KG
180.000	0.000	SC-04020-S	UG/KG

PAH AVERAGE = 223.667 UG/KG (0.22 MG/KG)

ARSENIC

5.300	0.470	SC-02001-S	MG/KG
6.000	0.470	SC-02006-S	MG/KG
8.500	0.480	SC-04020-S	UG/G
4.700	0.490	SC-04019-S	UG/G
7.600	0.470	SC-04027-S	UG/G
10.300	0.500	SC-04016-S	UG/G
16.200	0.500	SC-04010-S	UG/G
10.000	0.470	SC-04028-S	UG/G
6.800	0.490	SC-04021-S	UG/G
14.600	0.490	SC-04021-C	UG/G
5.900	0.500	SC-04022-S	UG/G
8.800	0.480	SC-04027-C	UG/G
4.700	0.500	SC-04025-S	UG/G
6.700	0.490	SC-04026-S	UG/G
8.100	0.490	SC-04025-C	UG/G
8.600	0.490	SC-02101-S	UG/G
11.800	0.470	SC-02018-S	UG/G
7.700	2.300	SC-04024-S	UG/G
6.100	0.490	SC-04001-U	UG/G

ARSENIC AVERAGE = ~~8.812~~ UG/G

8.337 MGH 5-22-97

CU040 DATA REPORT

PARAMETER	CONC	DL	LOCATION	UNITS
PCBs	0.000	40.000	SC-04025-C	UG/KG
	50.000	39.000	SC-04023-S	UG/KG
	0.000	39.000	SC-04029-C	UG/KG
	0.000	41.000	SC-04025-S	UG/KG
	0.000	40.000	SC-04026-S	UG/KG
	280.000	40.000	SC-04021-S	UG/KG
	0.000	39.000	SC-04029-S	UG/KG
	0.000	42.000	SC-04022-S	UG/KG
	0.000	39.000	SC-04020-S	UG/KG
	0.000	39.000	SC-04027-S	UG/KG
	0.000	39.000	SC-04028-S	UG/KG
	0.000	40.000	SC-04021-C	UG/KG
	0.000	41.000	SC-04007-S	UG/KG
	0.000	41.000	SC-04008-S	UG/KG
	0.000	41.000	SC-04010-S	UG/KG
	0.000	38.000	SC-04013-C	UG/KG
	0.000	42.000	SC-04014-S	UG/KG
	0.000	39.000	SC-04013-S	UG/KG
	0.000	41.000	SC-04016-S	UG/KG
	56.000	37.000	SC-04018-C	UG/KG
	0.000	40.000	SC-04019-S	UG/KG
	460.000	39.000	SC-04027-C	UG/KG
	0.000	41.000	SC-02101-S	UG/KG
	0.000	39.000	SC-02018-S	UG/KG
	290.000	38.000	SC-04024-S	UG/KG
	750.000	36.000	SC-04012-S	UG/KG
	0.000	40.000	SC-04001-U	UG/KG

PCB AVERAGE = 69.852 UG/KG (0.0699 MG/KG)

PAHs				
	82.000	0.000	SC-04026-S	UG/KG
	450.000	0.000	SC-04027-C	UG/KG
	190.000	0.000	SC-04021-S	UG/KG
	290.000	0.000	SC-04027-S	UG/KG
	150.000	0.000	SC-04028-S	UG/KG
	180.000	0.000	SC-04020-S	UG/KG

PAH AVERAGE = 223.667 UG/KG (0.22 MG/KG)

ARSENIC				
	5.300	0.470	SC-02001-S	MG/KG
	6.000	0.470	SC-02006-S	MG/KG
	8.500	0.480	SC-04020-S	UG/G
	4.700	0.490	SC-04019-S	UG/G
	7.600	0.470	SC-04027-S	UG/G
	10.300	0.500	SC-04016-S	UG/G
	16.200	0.500	SC-04010-S	UG/G
	10.000	0.470	SC-04028-S	UG/G
	6.800	0.490	SC-04021-S	UG/G
	14.600	0.490	SC-04021-C	UG/G
	5.900	0.500	SC-04022-S	UG/G
	8.800	0.480	SC-04027-C	UG/G
	4.700	0.500	SC-04025-S	UG/G
	6.700	0.490	SC-04026-S	UG/G
	8.100	0.490	SC-04025-C	UG/G
	8.600	0.490	SC-02101-S	UG/G
	11.800	0.470	SC-02018-S	UG/G
	7.700	2.300	SC-04024-S	UG/G
	6.100	0.490	SC-04001-U	UG/G

ARSENIC AVERAGE = ~~8.812~~ 8.337 UG/G

CU040 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION	UNITS
CHROMIUM				
	15.900	2.700	SC-04024-S	UG/G
	21.300	0.550	SC-04020-S	UG/G
	12.300	0.570	SC-04025-S	UG/G
	17.800	0.560	SC-04021-C	UG/G
	14.200	0.560	SC-04019-S	UG/G
	16.300	0.560	SC-04021-S	UG/G
	19.500	0.570	SC-04010-S	UG/G
	15.800	0.540	SC-04028-S	UG/G
	17.100	0.580	SC-04022-S	UG/G
	14.000	0.540	SC-04027-S	UG/G
	16.000	0.570	SC-04016-S	UG/G
	17.800	0.550	SC-04027-C	UG/G
	17.600	0.560	SC-04025-C	UG/G
	17.800	0.570	SC-02101-S	UG/G
	14.800	0.540	SC-02018-S	UG/G
	13.100	0.560	SC-04026-S	UG/G
	16.400	0.560	SC-04001-U	UG/G
CHROMIUM AVERAGE = 16.335 UG/G				
LEAD				
	11.400	0.330	SC-04020-S	UG/G
	11.300	1.600	SC-04024-S	UG/G
	13.800	0.330	SC-04028-S	UG/G
	16.600	0.340	SC-04021-C	UG/G
	14.900	0.340	SC-02101-S	UG/G
	15.200	0.330	SC-04027-S	UG/G
	19.300	0.350	SC-04010-S	UG/G
	17.600	0.340	SC-04021-S	UG/G
	20.000	0.350	SC-04016-S	UG/G
	11.800	0.340	SC-04019-S	UG/G
	10.000	0.340	SC-04026-S	UG/G
	16.100	0.330	SC-02018-S	UG/G
	13.000	0.340	SC-04025-C	UG/G
	14.000	0.330	SC-04027-C	UG/G
	11.100	0.350	SC-04022-S	UG/G
	10.500	0.350	SC-04025-S	UG/G
	11.600	0.340	SC-04001-U	UG/G
LEAD AVERAGE = 14.012				
RADIUM-226	2.090	0.290	SC-04024-S	PCI/G
	2.680	0.270	SC-02101-S	PCI/G
	2.720	0.380	SC-02018-S	PCI/G
	2.680	0.290	SC-04028-S	PCI/G
	2.610	0.430	SC-04027-S	PCI/G
	2.570	0.330	SC-04027-C	PCI/G
	2.110	0.300	SC-04026-S	PCI/G
	2.200	0.280	SC-04025-S	PCI/G
	2.810	0.380	SC-04025-C	PCI/G
	2.220	0.450	SC-04022-S	PCI/G
	2.250	0.270	SC-04021-S	PCI/G
	2.720	0.400	SC-04021-C	PCI/G
	2.180	0.240	SC-04020-S	PCI/G
	2.660	0.280	SC-04019-S	PCI/G
	2.590	0.320	SC-04016-S	PCI/G
	~~2.700~~	~~0.250~~	~~SC-04011-S~~	~~PCI/G~~ e 5.22.97
	2.290	0.440	SC-04010-S	PCI/G
	2.160	0.220	SC-04001-U	PCI/G
RADIUM-226 AVERAGE = ~~2.458~~ PCI/G				

2.444 MGL 5.22.97

CU040 DATA REPORT (CONTINUED)

PARAMETER	CONCENTRA DETECTION LIMIT	LOCATION	UNITS
RADIUM-228			
	0.665	1.330 SC-02018-S	PCI/G
	1.350	0.360 SC-02101-S	PCI/G
	1.160	0.420 SC-04024-S	PCI/G
	1.340	0.600 SC-04010-S	PCI/G
	1.090	0.480 SC-04016-S	PCI/G
	1.200	0.440 SC-04019-S	PCI/G
	1.460	0.390 SC-04020-S	PCI/G
	1.340	0.510 SC-04021-C	PCI/G
	1.210	0.400 SC-04021-S	PCI/G
	1.240	0.610 SC-04022-S	PCI/G
	1.490	0.690 SC-04025-C	PCI/G
	1.010	0.480 SC-04025-S	PCI/G
	1.240	0.490 SC-04026-S	PCI/G
	1.480	0.420 SC-04027-C	PCI/G
	1.430	0.690 SC-04027-S	PCI/G
	1.360	0.490 SC-04028-S	PCI/G
	1.230	0.430 SC-04001-U	PCI/G
RADIUM-228 AVERAGE = 1.253 PCI/G			
THORIUM-230			
	1.210	0.038 SC-02018-S	PCI/G
	1.090	0.036 SC-02101-S	PCI/G
	1.400	0.049 SC-04029-S	PCI/G
	1.320	0.043 SC-04028-S	PCI/G
	1.160	0.060 SC-04027-S	PCI/G
	1.190	0.034 SC-04027-C	PCI/G
	1.150	0.047 SC-04026-S	PCI/G
	1.250	0.046 SC-04025-S	PCI/G
	1.230	0.039 SC-04025-C	PCI/G
	1.430	0.036 SC-04022-S	PCI/G
	1.370	0.035 SC-04021-S	PCI/G
	1.400	0.038 SC-04021-C	PCI/G
	1.370	0.038 SC-04020-S	PCI/G
	0.970	0.048 SC-04019-S	PCI/G
	1.400	0.041 SC-04016-S	PCI/G
	1.290	0.054 SC-04010-S	PCI/G
	1.240	0.032 SC-04001-U	PCI/G
THORIUM-230 AVERAGE = 1.263 PCI/G			

1.34 MAR 5-22-97

add: SC-04024-S MAR 5-22-97
conc = 2.71
DL = 2.27

CU040 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION	UNITS
URANIUM-238				
	1.690	3.380	SC-04023-S	PCI/G
	2.275	4.550	SC-04022-S	PCI/G
	1.480	2.960	SC-04021-S	PCI/G
	1.575	3.150	SC-04020-S	PCI/G
	1.485	2.970	SC-04019-S	PCI/G
	2.110	4.220	SC-04017-S	PCI/G
	1.580	3.160	SC-04016-S	PCI/G
	6.700	3.290	SC-04015-S	PCI/G
	1.740	3.480	SC-04014-S	PCI/G
	4.700	3.940	SC-04013-S	PCI/G
	2.190	4.380	SC-04010-S	PCI/G
	1.510	3.020	SC-04009-S	PCI/G
	2.000	4.000	SC-04008-S	PCI/G
	2.195	4.390	SC-04007-S	PCI/G
	7.350	2.650	SC-04005-S	PCI/G
	2.530	5.060	SC-04004-S	PCI/G
	9.650	3.630	SC-04003-S	PCI/G
	2.265	4.530	SC-04002-S	PCI/G
	4.130	2.720	SC-04024-S	PCI/G
	12.470	4.860	SC-04018-S	PCI/G
	2.510	5.020	SC-04012-S	PCI/G
	2.110	4.220	SC-04006-S	PCI/G
	2.070	4.140	SC-04001-S	PCI/G
	1.555	3.110	SC-04828-S	PCI/G
	3.790	2.690	SC-04025-S	PCI/G
	1.880	3.760	SC-04026-S	PCI/G
	2.240	2.480	SC-04027-C	PCI/G
	3.740	3.000	SC-04027-S	PCI/G
	1.740	3.480	SC-04028-S	PCI/G
	2.275	4.550	SC-04029-S	PCI/G
	1.630	3.260	SC-02006-S	PCI/G
	2.040	4.080	SC-02001-S	PCI/G
	1.575	3.150	SC-02012-S	PCI/G
	1.750	2.770	SC-02018-S	PCI/G
	4.000	2.630	SC-02101-S	PCI/G
	3.340	2.160	SC-04001-U	PCI/G
	5.440	2.400	SC-04011-S	PCI/G

URANIUM-238 AVERAGE = 3.117 PCI/G

Weldon Spring Site Remedial Action Project
7295 Highway 94 South, St. Charles, Missouri, 63304

ES&H 1.2.1.1, Rev. 1, 03/96

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

SECTION I

1. Work Package Number: WP 420 2. Date: 08·15·96 3. Review Form #: 96-040

4. Remediation Unit Number: RU006 5. Confirmation Unit Number: CU041 (map attached)

6. Contaminants of Concern: X U-238 X Th-230 X Th-232 X Ra-226 X Ra-228
___TNT X PCB X PAH X As X Cr X Pb X Tl

7. Results average below ALARA goal(s)?	X Yes ___No
8. All results below cleanup criteria?	X Yes ___No
9. Any results greater than 3X criteria?	___Yes X No
10. Hotspots present (less than 3X criteria)?	___Yes X No

Parameter	Size	Concentration	Complies with Plan?
			___Yes ___No
			___Yes ___No
N/A			___Yes ___No
			___Yes ___No

11. Reviewer: Melissa M. Lisy Date: 08·15·96

12. Reviewer Disposition Recommendation: X Release for Unrestricted Use (Section II)
___ Additional Excavation Required (Section IV)
___ ALARA Committee Required (Section III)

SECTION II ***Results are ALARA. CU is released for unrestricted use.***

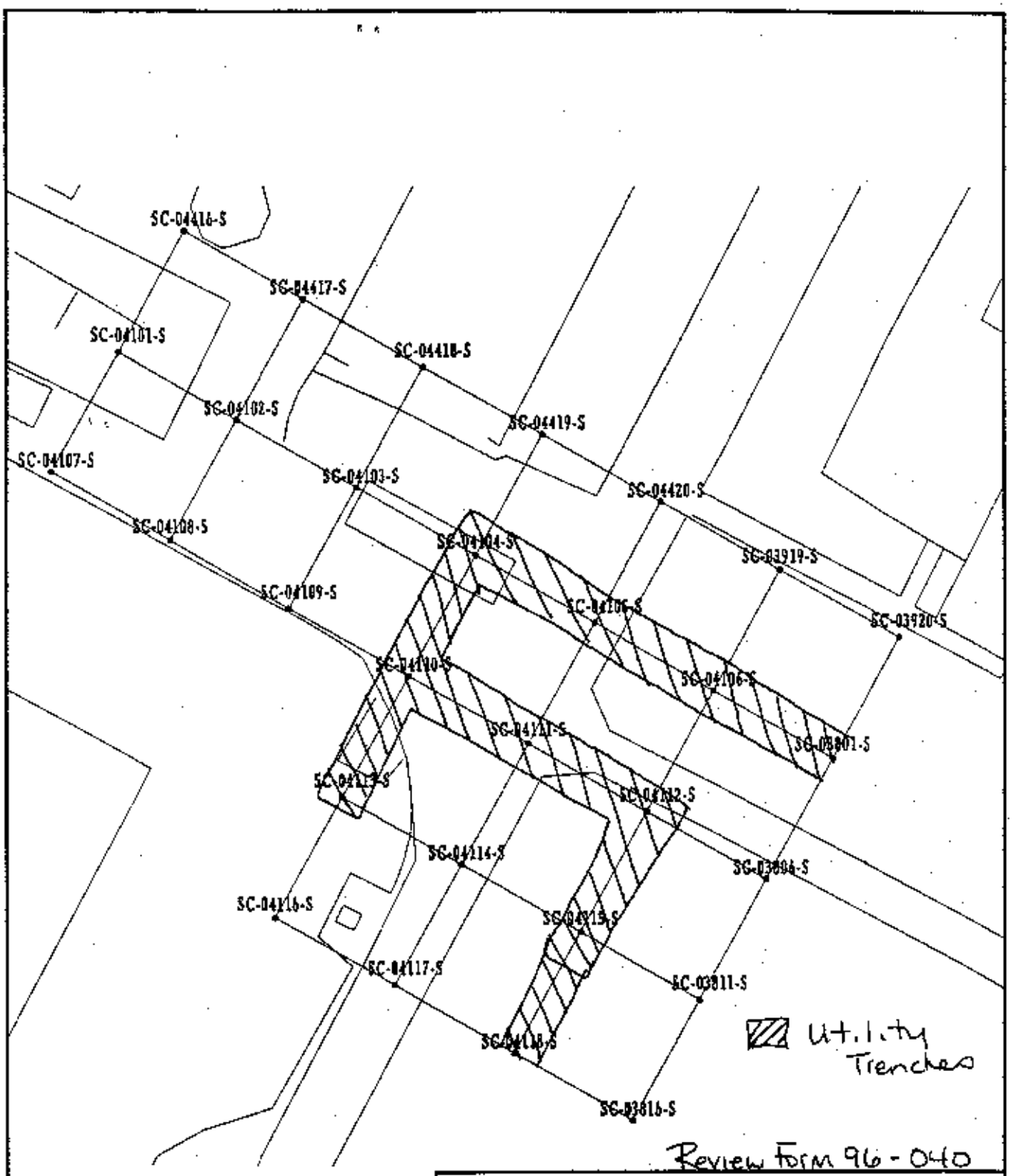
14. ES&H Manager: [signature] Date: 8/16/96

15. DOE Project Manager/Engineer: [signature] Date: 8/16/96

16. Project Manager: [signature] Date: 8/16/96

17. Construction Engineer: [signature] Date: 8/16/96

SEE ATTACHED RESULTS AND MAP



Review Form 96-040

Sample Locations in Remedial Unit RU006 Confirmation Unit CU041

Figure B-22

EXHIBIT NO.: A/CP/104/1295		REPORT NO.: DOE/OR/21548-590	
ORIGINATOR: MGL	DRAWN BY: WSSRAP GIS	DATE: 3/96	

CU041 DATA REPORT

PARAMETER	CONC	DL	LOCATION	UNITS
PCBs (14 SAMPLES)				
	0.000	38.000	SC-04418-S	UG/KG
	0.000	42.000	SC-03920-S	UG/KG
	188.000	37.000	SC-04419-S	UG/KG
	0.000	40.000	SC-04420-S	UG/KG
	0.000	44.000	SC-03801-S	UG/KG
	0.000	40.000	SC-04118-S	UG/KG
	0.000	42.000	SC-04104-S	UG/KG
	48.000	40.000	SC-04105-S	UG/KG
	0.000	37.000	SC-04106-S	UG/KG
	0.000	40.000	SC-04110-S	UG/KG
	0.000	40.000	SC-04111-S	UG/KG
	190.000	43.000	SC-04112-S	UG/KG
	0.000	38.000	SC-04113-S	UG/KG
	0.000	41.000	SC-04115-S	UG/KG
PCB AVERAGE = 30.429 UG/KG (0.03 MG/KG)				
PAHs (2 SAMPLES)				
	26.940	NA	SC-04416-S	UG/KG
	74.000	NA	SC-04417-S	UG/KG
PAH AVERAGE = 50.47 UG/KG (0.050 MG/KG)				
ARSENIC (11 SAMPLES)				
	3.900	0.530	SC-03801-S	UG/G
	9.800	0.510	SC-03920-S	UG/G
	5.700	0.490	SC-04118-S	UG/G
	7.500	0.520	SC-04104-S	UG/G
	5.300	0.490	SC-04105-S	UG/G
	5.200	0.450	SC-04106-S	UG/G
	6.100	0.480	SC-04110-S	UG/G
	8.200	0.490	SC-04111-S	UG/G
	3.500	0.520	SC-04112-S	UG/G
	7.000	0.460	SC-04113-S	UG/G
	9.500	0.510	SC-04115-S	UG/G
ARSENIC AVERAGE = 6.518 UG/G				
CHROMIUM (11 SAMPLES)				
	19.300	0.610	SC-03801-S	UG/G
	13.700	0.580	SC-03920-S	UG/G
	13.300	0.560	SC-04118-S	UG/G
	18.600	0.590	SC-04104-S	UG/G
	12.900	0.570	SC-04105-S	UG/G
	11.300	0.520	SC-04106-S	UG/G
	15.400	0.560	SC-04110-S	UG/G
	12.200	0.560	SC-04111-S	UG/G
	16.400	0.600	SC-04112-S	UG/G
	12.800	0.530	SC-04113-S	UG/G
	17.400	0.580	SC-04115-S	UG/G
CHROMIUM AVERAGE = 14.845 UG/G				

CU041 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION	UNITS
LEAD (11 SAMPLES)				
	19.100	0.150	SC-03920-S	UG/G
	9.800	0.370	SC-03801-S	UG/G
	9.600	0.340	SC-04118-S	UG/G
	9.200	0.360	SC-04104-S	UG/G
	8.500	0.350	SC-04105-S	UG/G
	12.400	0.320	SC-04106-S	UG/G
	12.500	0.340	SC-04110-S	UG/G
	12.000	0.340	SC-04111-S	UG/G
	10.700	0.360	SC-04112-S	UG/G
	13.000	0.320	SC-04113-S	UG/G
	13.000	0.360	SC-04115-S	UG/G
LEAD AVERAGE = 11.8 UG/G				
THALLIUM (1 SAMPLE)				
	2.200	0.780	SC-04118-S	UG/G
THALLIUM AVERAGE = 2.200 UG/G				
RADIUM-226 (14 SAMPLES)				
	2.430	0.230	SC-03920-S	PCI/G
	0.980	0.330	SC-04113-S	PCI/G
	1.950	0.260	SC-04115-S	PCI/G
	1.730	0.300	SC-04112-S	PCI/G
	2.430	0.380	SC-04111-S	PCI/G
	2.040	0.320	SC-04110-S	PCI/G
	1.500	0.320	SC-04107-S	PCI/G
	2.000	0.300	SC-04106-S	PCI/G
	1.860	0.370	SC-04105-S	PCI/G
	2.040	0.270	SC-04104-S	PCI/G
	2.110	0.320	SC-03801-S	PCI/G
	1.930	0.290	SC-04118-S	PCI/G
	1.930	0.410	SC-04117-S	PCI/G
	1.820	0.290	SC-04116-S	PCI/G
RADIUM-226 AVERAGE = 1.911 PCI/G				
RADIUM-228 (17 SAMPLES)				
	1.230	0.550	SC-03920-S	PCI/G
	1.340	0.530	SC-04113-S	PCI/G
	1.210	0.450	SC-04418-S	PCI/G
	1.990	0.720	SC-04419-S	PCI/G
	1.300	0.440	SC-04420-S	PCI/G
	1.300	0.450	SC-04104-S	PCI/G
	1.080	0.270	SC-04105-S	PCI/G
	1.200	0.480	SC-04106-S	PCI/G
	1.040	0.490	SC-04107-S	PCI/G
	1.390	0.390	SC-04110-S	PCI/G
	1.550	0.390	SC-04112-S	PCI/G
	1.110	0.250	SC-04111-S	PCI/G
	1.320	0.420	SC-04115-S	PCI/G
	0.655	1.310	SC-03801-S	PCI/G
	1.240	0.410	SC-04116-S	PCI/G
	0.640	0.390	SC-04117-S	PCI/G
	1.020	0.350	SC-04118-S	PCI/G
RADIUM-228 AVERAGE = 1.213 PCI/G				

CU041 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION	UNITS
THORIUM-230 (11 SAMPLES)				
	2.780	2.270	SC-04115-S	PCI/G
	2.890	2.170	SC-04113-S	PCI/G
	2.580	2.270	SC-04112-S	PCI/G
	2.760	2.270	SC-04111-S	PCI/G
	2.770	2.270	SC-04110-S	PCI/G
	2.900	2.270	SC-04106-S	PCI/G
	2.740	2.270	SC-04105-S	PCI/G
	2.590	2.270	SC-04104-S	PCI/G
	2.460	2.170	SC-04118-S	PCI/G
	2.870	2.170	SC-03801-S	PCI/G
	2.870	2.170	SC-03920-S	PCI/G

THORIUM-230 AVERAGE = ~~2.746~~ PCI/G
2.9 MAK 5.22.97

add: Loc	Conc	DL	MAK
SC-04418-S	2.69	2.27	5.22.97
SC-04419-S	4.89	2.27	
SC-04420-S	2.96	2.27	

URANIUM-238 (29 SAMPLES)				
	1.670	3.340	SC-03811-S	PCI/G
	5.350	2.030	SC-04420-S	PCI/G
	1.610	3.220	SC-04416-S	PCI/G
	2.450	3.880	SC-04101-S	PCI/G
	6.170	2.720	SC-04102-S	PCI/G
	7.050	3.650	SC-04103-S	PCI/G
	1.565	3.130	SC-04104-S	PCI/G
	1.770	3.540	SC-04105-S	PCI/G
	1.695	3.390	SC-04106-S	PCI/G
	2.200	2.760	SC-04107-S	PCI/G
	1.605	3.210	SC-04108-S	PCI/G
	1.925	3.850	SC-04109-S	PCI/G
	1.600	3.200	SC-04110-S	PCI/G
	3.100	3.520	SC-04111-S	PCI/G
	1.515	3.030	SC-04112-S	PCI/G
	5.290	4.050	SC-04113-S	PCI/G
	1.515	3.030	SC-04114-S	PCI/G
	1.575	3.150	SC-04115-S	PCI/G
	4.680	3.480	SC-03919-S	PCI/G
	1.705	3.410	SC-03806-S	PCI/G
	6.640	2.790	SC-03816-S	PCI/G
	3.970	2.390	SC-04116-S	PCI/G
	11.780	4.860	SC-04117-S	PCI/G
	1.585	3.170	SC-04118-S	PCI/G
	1.955	3.910	SC-03801-S	PCI/G
	1.505	3.010	SC-04417-S	PCI/G
	1.955	3.910	SC-04418-S	PCI/G
	12.190	3.530	SC-04419-S	PCI/G
	1.525	3.050	SC-03920-S	PCI/G

URANIUM-238 AVERAGE = 3.419 PCI/G

Weldon Spring Site Remedial Action Project
7295 Highway 94 South, St. Charles, Missouri, 63304

ES&H 1.2.1.1, Rev. 1, 03/96

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

SECTION I

1. Work Package Number: WP420 2. Date: 08-29-96 (22 MAR) 3. Review Form #: 96-043

4. Remediation Unit Number: RU0016 5. Confirmation Unit Number: CU042 (map attached)

6. Contaminants of Concern: X U-238 X Th-230 X Th-232 X Ra-226 X Ra-228
   ___ TNT X PCB ___ PAH X As X Cr X Pb ___ Tl

7. Results average below ALARA goal(s)?	X Yes ___ No
8. All results below cleanup criteria?	X Yes ___ No
9. Any results greater than 3X criteria?	___ Yes X No
10. Hotspots present (less than 3X criteria)?	___ Yes X No

Parameter	Size	Concentration	Complies with Plan?
N/A			___ Yes ___ No
			___ Yes ___ No
			___ Yes ___ No
			___ Yes ___ No

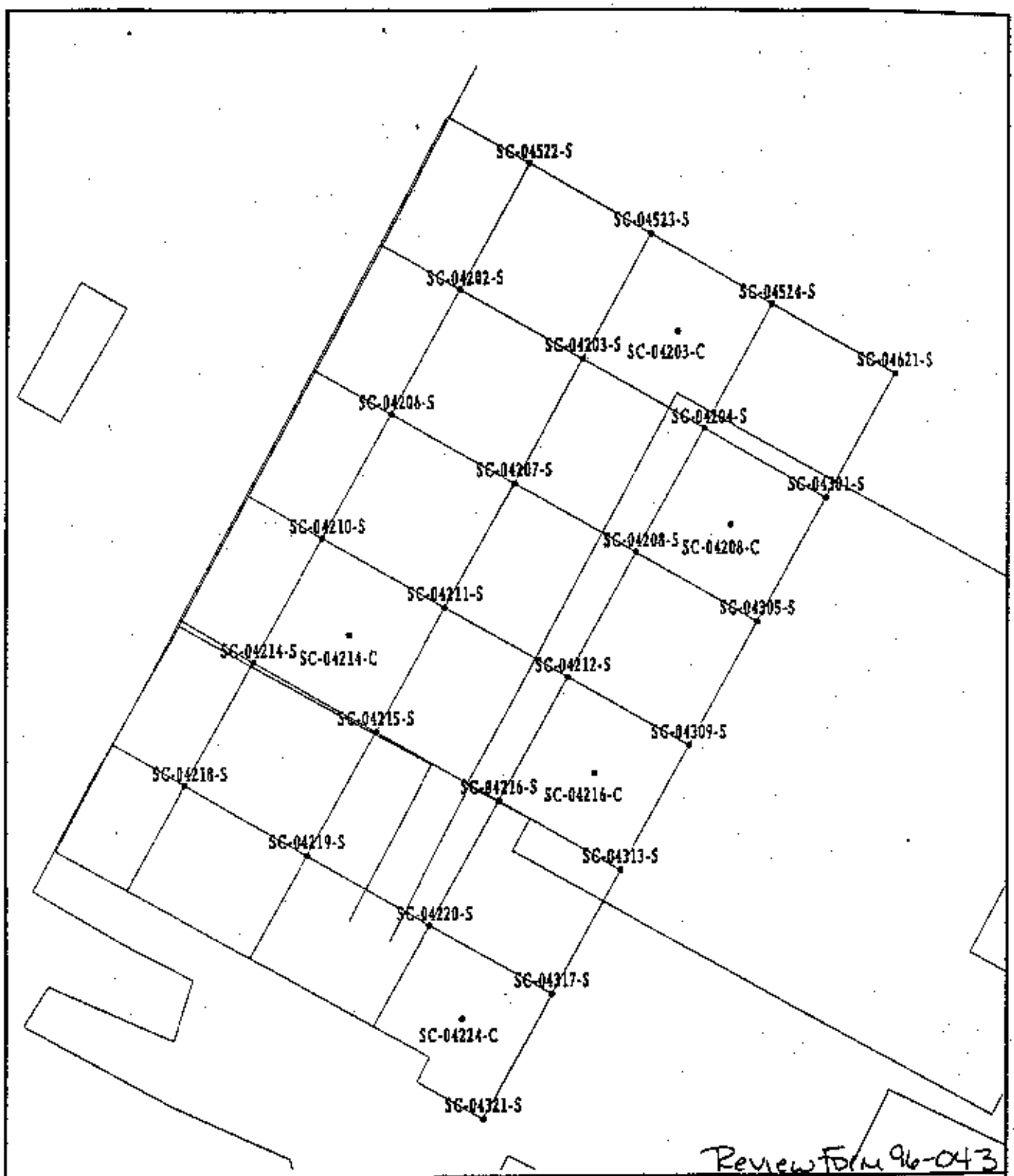
11. Reviewer: Melva A Lisby Date: 8/22/96

12. Reviewer Disposition Recommendation:
   X Release for Unrestricted Use (Section II)
   ___ Additional Excavation Required (Section IV)
   ___ ALARA Committee Required (Section III)

SECTION II ***Results are ALARA. CU is released for unrestricted use.***

14. ES&H Manager: Steve D Maser FOR KAM Date: 8/22/96
15. DOE Project Manager/Engineer: James D Reed Date: 8/22/96
16. Project Manager: Date: 8/22/96
17. Construction Engineer: Daniel L. Capps Date: 8/22/96

SEE ATTACHED RESULTS AND MAP



Review Form 96-043

Sample Locations in Remedial Unit RU006
Confirmation Unit CU042

Figure B-23

EXHIBIT NO.: A/CP/L05/1295		REPORT NO.: DOE/OR/21548-590	
ORIGINATOR: MGL	DRAWN BY: WSSRAP GIS	DATE: 3/96	

CU042 DATA REPORT

PARAMETER	CONC	DL	LOCATION	UNITS
PCBs (22 SAMPLES)				
	0.000	14.000	SC-04211-S	UG/KG
	0.000	16.000	SC-04215-S	UG/KG
	0.000	16.000	SC-04313-S	UG/KG
	0.000	14.000	SC-04207-S	UG/KG
	0.000	16.000	SC-04208-S	UG/KG
	0.000	15.000	SC-04305-S	UG/KG
	0.000	15.000	SC-04204-S	UG/KG
	0.000	16.000	SC-04216-S	UG/KG
	0.000	16.000	SC-04309-S	UG/KG
	0.000	15.000	SC-04301-S	UG/KG
	0.000	16.000	SC-04212-S	UG/KG
	0.000	14.000	SC-04203-S	UG/KG
	0.000	39.000	SC-04317-S	UG/KG
	0.000	39.000	SC-04219-S	UG/KG
	0.000	40.000	SC-04220-S	UG/KG
	0.000	37.000	SC-04321-S	UG/KG
	0.000	15.000	SC-04201-U	UG/KG
	15.000	15.000	SC-04202-U	UG/KG
	0.000	15.000	SC-04203-U	UG/KG
	0.000	16.000	SC-04204-U	UG/KG
	0.000	15.000	SC-04205-U	UG/KG
	0.000	15.000	SC-04303-U	UG/KG
PCB AVERAGE = 0.682 UG/KG (0.0007 MG/KG)				
ARSENIC (21 SAMPLES)				
	4.100	2.450	SC-04313-S	UG/G
	5.700	2.420	SC-04212-S	UG/G
	5.400	2.350	SC-04301-S	UG/G
	3.800	2.260	SC-04305-S	UG/G
	5.300	2.130	SC-04211-S	UG/G
	8.800	2.120	SC-04203-S	UG/G
	3.900	2.460	SC-04216-S	UG/G
	6.100	2.450	SC-04208-S	UG/G
	4.000	2.440	SC-04215-S	UG/G
	4.200	2.370	SC-04309-S	UG/G
	5.500	2.190	SC-04204-S	UG/G
	6.200	2.160	SC-04207-S	UG/G
	2.500	0.480	SC-04220-S	UG/G
	6.400	0.470	SC-04219-S	UG/G
	5.000	0.470	SC-04317-S	UG/G
	4.100	0.460	SC-04201-U	UG/G
	4.000	0.450	SC-04202-U	UG/G
	5.000	0.470	SC-04203-U	UG/G
	3.200	0.460	SC-04204-U	UG/G
	2.800	0.450	SC-04205-U	UG/G
	6.700	0.470	SC-04303-U	UG/G
ARSENIC AVERAGE = 4.890 UG/G				

CU042 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION	UNITS
CHROMIUM (21 SAMPLES)				
	21.500	2.450	SC-04208-S	UG/G
	18.500	2.190	SC-04204-S	UG/G
	19.600	2.160	SC-04207-S	UG/G
	20.800	2.120	SC-04203-S	UG/G
	18.500	2.450	SC-04313-S	UG/G
	16.100	2.260	SC-04305-S	UG/G
	16.200	2.370	SC-04309-S	UG/G
	20.600	2.350	SC-04301-S	UG/G
	19.300	2.460	SC-04216-S	UG/G
	21.000	2.420	SC-04212-S	UG/G
	18.400	2.440	SC-04215-S	UG/G
	18.400	2.130	SC-04211-S	UG/G
	13.200	0.540	SC-04317-S	UG/G
	15.600	0.540	SC-04219-S	UG/G
	10.300	0.550	SC-04220-S	UG/G
	23.300	0.230	SC-04201-U	UG/G
	22.300	0.220	SC-04202-U	UG/G
	23.600	0.240	SC-04203-U	UG/G
	23.300	0.230	SC-04204-U	UG/G
	24.900	0.220	SC-04205-U	UG/G
	24.600	0.240	SC-04303-U	UG/G

CHROMIUM AVERAGE = 19.524 UG/G

LEAD (21 SAMPLES)				
	11.300	0.640	SC-04211-S	UG/G
	13.100	0.650	SC-04207-S	UG/G
	12.200	0.740	SC-04208-S	UG/G
	14.900	0.640	SC-04203-S	UG/G
	10.700	0.660	SC-04204-S	UG/G
	11.100	0.730	SC-04212-S	UG/G
	9.800	0.740	SC-04216-S	UG/G
	16.900	0.700	SC-04301-S	UG/G
	8.600	0.680	SC-04305-S	UG/G
	9.000	0.710	SC-04309-S	UG/G
	9.600	0.740	SC-04313-S	UG/G
	11.000	0.730	SC-04215-S	UG/G
	8.700	0.340	SC-04220-S	UG/G
	24.300	0.330	SC-04219-S	UG/G
	7.600	0.330	SC-04317-S	UG/G
	9.600	0.230	SC-04201-U	UG/G
	10.100	0.220	SC-04202-U	UG/G
	20.100	0.240	SC-04203-U	UG/G
	10.000	0.230	SC-04204-U	UG/G
	7.600	0.220	SC-04205-U	UG/G
	11.900	0.240	SC-04303-U	UG/G

LEAD AVERAGE = 11.814 UG/G

CU042 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION	UNITS
RADIUM-226 (22 SAMPLES)				
	2.570	0.320	SC-04301-S	PCI/G
	2.790	0.300	SC-04305-S	PCI/G
	2.160	0.300	SC-04309-S	PCI/G
	2.500	0.350	SC-04313-S	PCI/G
	2.930	0.250	SC-04208-S	PCI/G
	2.160	0.250	SC-04219-S	PCI/G
	1.680	0.320	SC-04220-S	PCI/G
	2.160	0.370	SC-04317-S	PCI/G
	1.860	0.350	SC-04216-S	PCI/G
	2.340	0.340	SC-04207-S	PCI/G
	2.410	0.270	SC-04204-S	PCI/G
	2.660	0.340	SC-04203-S	PCI/G
	2.470	0.260	SC-04211-S	PCI/G
	1.910	0.380	SC-04215-S	PCI/G
	2.520	0.300	SC-04212-S	PCI/G
	2.070	0.330	SC-04321-S	PCI/G
	1.910	0.390	SC-04201-U	PCI/G
	2.470	0.340	SC-04202-U	PCI/G
	0.360	0.720	SC-04203-U	PCI/G
	2.520	0.240	SC-04204-U	PCI/G
	1.930	0.350	SC-04205-U	PCI/G
	2.700	0.270	SC-04303-U	PCI/G
RADIUM-226 AVERAGE = 2.231 PCI/G				
RADIUM-228 (22 SAMPLES)				
	1.120	0.480	SC-04317-S	PCI/G
	1.180	0.270	SC-04220-S	PCI/G
	1.160	0.500	SC-04219-S	PCI/G
	1.010	0.600	SC-04301-U	PCI/G
	1.300	0.600	SC-04205-U	PCI/G
	1.080	0.460	SC-04204-U	PCI/G
	1.130	0.530	SC-04203-U	PCI/G
	1.180	0.470	SC-04202-U	PCI/G
	1.430	0.640	SC-04201-U	PCI/G
	1.240	0.000	SC-04313-S	PCI/G
	1.000	0.490	SC-04309-S	PCI/G
	1.080	0.650	SC-04305-S	PCI/G
	1.170	0.420	SC-04301-S	PCI/G
	1.290	0.400	SC-04216-S	PCI/G
	1.120	0.470	SC-04215-S	PCI/G
	1.510	0.250	SC-04212-S	PCI/G
	1.390	0.420	SC-04211-S	PCI/G
	0.970	0.710	SC-04208-S	PCI/G
	1.120	0.470	SC-04207-S	PCI/G
	1.230	0.440	SC-04204-S	PCI/G
	1.440	0.570	SC-04203-S	PCI/G
	1.370	0.280	SC-04321-S	PCI/G
RADIUM-228 AVERAGE = 1.217 PCI/G				

CU042 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION	UNITS
THORIUM-230 (21 SAMPLES)				
	1.370	0.030	SC-04301-S	PCI/G
	1.130	0.022	SC-04305-S	PCI/G
	1.190	0.032	SC-04203-S	PCI/G
	1.200	0.027	SC-04204-S	PCI/G
	0.980	0.028	SC-04309-S	PCI/G
	1.170	0.022	SC-04313-S	PCI/G
	0.990	0.033	SC-04216-S	PCI/G
	0.830	0.029	SC-04215-S	PCI/G
	1.170	0.032	SC-04212-S	PCI/G
	1.170	0.024	SC-04211-S	PCI/G
	1.100	0.026	SC-04208-S	PCI/G
	2.440	2.270	SC-04317-S	PCI/G
	2.300	2.270	SC-04220-S	PCI/G
	2.560	2.270	SC-04219-S	PCI/G
	1.170	0.028	SC-04207-S	PCI/G
	1.070	0.022	SC-04201-U	PCI/G
	1.060	0.029	SC-04202-U	PCI/G
	1.220	0.033	SC-04203-U	PCI/G
	1.090	0.033	SC-04204-U	PCI/G
	1.070	0.029	SC-04205-U	PCI/G
	1.080	0.036	SC-04303-U	PCI/G

THORIUM-230 AVERAGE = 1.303 PCI/G

CU042 DATA REPORT (CONTINUED)

PARAMETER 36	CONC	DL	LOCATION	UNITS
URANIUM-238 (34 SAMPLES)				
	1.785	3.570	SC-04523-S	PCI/G
	2.035	4.070	SC-04522-S	PCI/G
	2.150	2.670	SC-04202-S	PCI/G
	1.940	3.880	SC-04203-C	PCI/G
	2.105	4.210	SC-04203-S	PCI/G
	2.080	2.230	SC-04204-S	PCI/G
	2.005	4.010	SC-04206-S	PCI/G
	1.560	3.120	SC-04301-S	PCI/G
	3.570	0.000	SC-04313-S	PCI/G
	2.330	2.370	SC-04321-S	PCI/G
	1.970	3.940	SC-04214-C	PCI/G
	1.500	3.000	SC-04214-S	PCI/G
	2.075	4.150	SC-04305-S	PCI/G
	2.005	4.010	SC-04309-S	PCI/G
	2.160	2.210	SC-04621-S	PCI/G
	1.535	3.070	SC-04524-S	PCI/G
	2.085	4.170	SC-04201-U	PCI/G
	3.310	2.430	SC-04202-U	PCI/G
	1.785	3.570	SC-04203-U	PCI/G
	2.035	4.070	SC-04205-U	PCI/G
	1.540	3.080	SC-04303-U	PCI/G
	1.575	3.150	SC-04204-U	PCI/G
	1.975	3.950	SC-04212-S	PCI/G
	1.520	3.040	SC-04211-S	PCI/G
	2.060	4.120	SC-04210-S	PCI/G
	2.135	4.270	SC-04208-S	PCI/G
	2.055	4.110	SC-04317-S	PCI/G
	2.090	4.180	SC-04208-C	PCI/G
	1.520	3.040	SC-04224-C	PCI/G
	1.940	3.880	SC-04220-S	PCI/G
	1.585	3.170	SC-04207-S	PCI/G
	1.940	3.880	SC-04216-S	PCI/G
	1.515	3.030	SC-04219-S	PCI/G
	1.915	3.830	SC-04218-S	PCI/G
	1.815	3.630	SC-04215-S	PCI/G
	1.485	2.970	SC-04216-C	PCI/G

URANIUM-238 AVERAGE = 1.963 PCI/G

Weldon Spring Site Remedial Action Project
7295 Highway 94 South, St. Charles, Missouri, 63304

ES&H 1.2.1.1, Rev. 1, 03/96

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

SECTION I

1. Work Package Number: WP420 2. Date: 08-22-96 3. Review Form #: 96-044

4. Remediation Unit Number: RU006 5. Confirmation Unit Number: CU043 (map attached)

6. Contaminants of Concern: X U-238 X Th-230 X Th-232 X Ra-226 X Ra-228
___ TNT X PCB X PAH X As X Cr X Pb ___ Tl

7. Results average below ALARA goal(s)?	X Yes ___ No
8. All results below cleanup criteria?	X Yes ___ No
9. Any results greater than 3X criteria?	___ Yes X No
10. Hotspots present (less than 3X criteria)?	___ Yes X No

Parameter	Size	Concentration	Complies with Plan?
N/A			___ Yes ___ No
			___ Yes ___ No
			___ Yes ___ No
			___ Yes ___ No

11. Reviewer: Melissa A. Lutz Date: 08/22/96

12. Reviewer Disposition Recommendation: X Release for Unrestricted Use (Section II)
___ Additional Excavation Required (Section IV)
___ ALARA Committee Required (Section III)

SECTION II *Results are ALARA. CU is released for unrestricted use.*

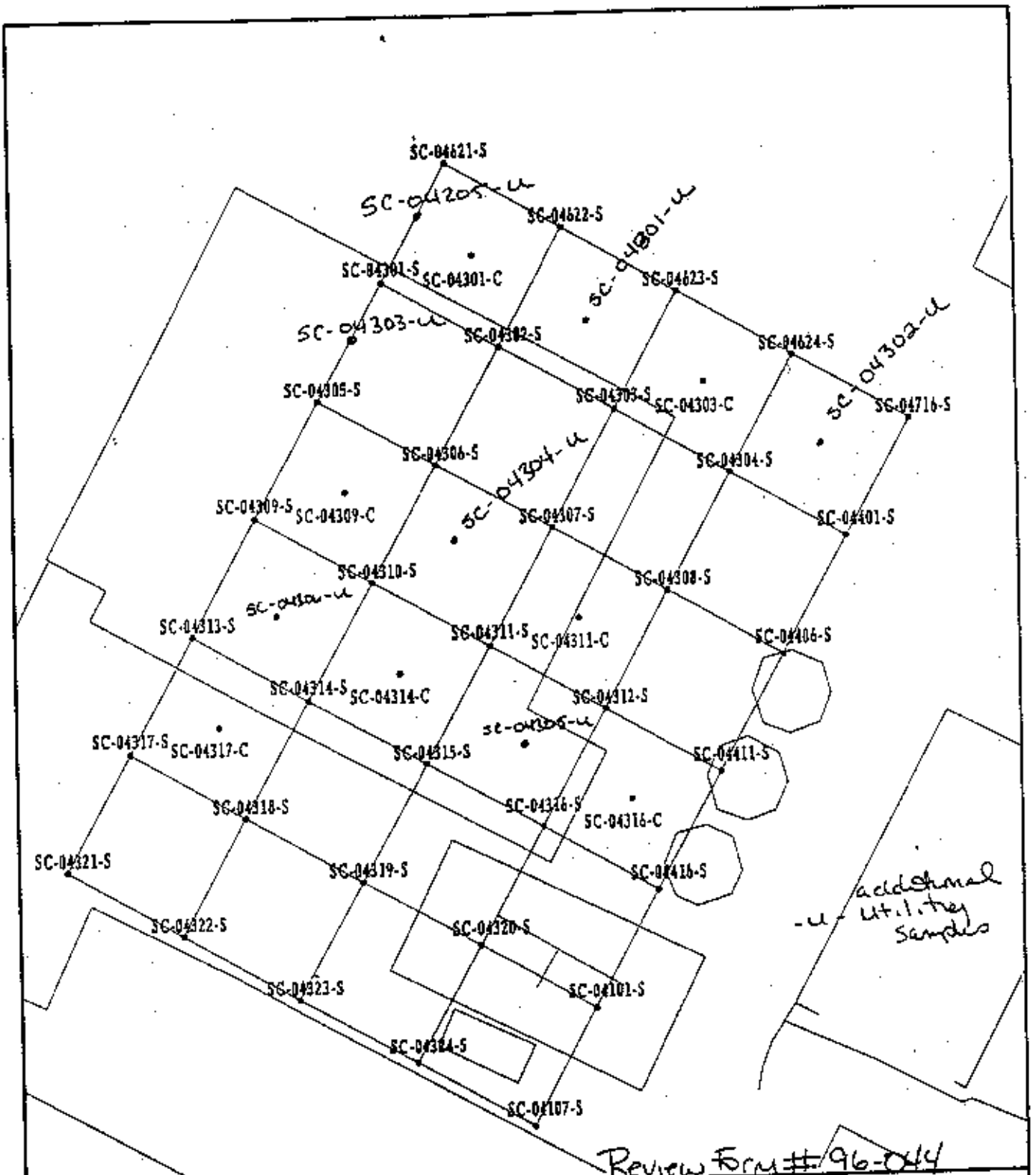
14. ES&H Manager: [signature] FOR KAM Date: 8/22/96

15. DOE Project Manager/Engineer: [signature] Date: 8/22/96

16. Project Manager: [signature] Date: 8/22/96

17. Construction Engineer: [signature] Date: 8/22/96

SEE ATTACHED RESULTS AND MAP



Sample Locations in Remedial Unit RU006
Confirmation Unit CU043

Figure B-24

EXHIBIT NO.: A/CP/106/1295		REPORT NO.: DOE/OR/21548-590	
ORIGINATOR: MGL	DRAWN BY: WSSRAP GIS	DATE: 3/96	

CU043 DATA REPORT .

PARAMETER	CONC	DL	LOCATION	UNITS
PCBs (35 SAMPLES)				
	0.000	16.000	SC-04314-S	UG/KG
	0.000	16.000	SC-04313-S	UG/KG
	0.000	16.000	SC-04311-C	UG/KG
	0.000	16.000	SC-04311-S	UG/KG
	0.000	15.000	SC-04305-S	UG/KG
	0.000	15.000	SC-04309-C	UG/KG
	0.000	15.000	SC-04310-S	UG/KG
	0.000	15.000	SC-04314-C	UG/KG
	0.000	16.000	SC-04316-S	UG/KG
	25.000	14.000	SC-04301-C	UG/KG
	27.000	14.000	SC-04303-C	UG/KG
	37.000	16.000	SC-04307-S	UG/KG
	0.000	14.000	SC-04316-C	UG/KG
	0.000	15.000	SC-04306-S	UG/KG
	0.000	16.000	SC-04309-S	UG/KG
	0.000	15.000	SC-04301-S	UG/KG
	48.000	14.000	SC-04302-S	UG/KG
	0.000	16.000	SC-04317-C	UG/KG
	0.000	15.000	SC-04315-S	UG/KG
	0.000	14.000	SC-04303-S	UG/KG
	0.000	41.000	SC-04320-S	UG/KG
	0.000	40.000	SC-04319-S	UG/KG
	0.000	40.000	SC-04318-S	UG/KG
	0.000	39.000	SC-04317-S	UG/KG
	0.000	37.000	SC-04321-S	UG/KG
	48.000	39.000	SC-04322-S	UG/KG
	0.000	38.000	SC-04323-S	UG/KG
	68.000	36.000	SC-04324-S	UG/KG
	42.000	18.000	SC-04301-U	UG/KG
	78.000	14.000	SC-04302-U	UG/KG
	0.000	15.000	SC-04303-U	UG/KG
	0.000	15.000	SC-04304-U	UG/KG
	0.000	12.000	SC-04305-U	UG/KG
	0.000	14.000	SC-04306-U	UG/KG
	0.000	15.000	SC-04205-U	UG/KG

PCB AVERAGE = 10.657 UG/KG (0.011 MG/KG)

CU043 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION	UNITS
ARSENIC (31 SAMPLES)				
	7.700	0.420	SC-04301-C	UG/G
	5.700	0.490	SC-04316-S	UG/G
	4.100	2.450	SC-04313-S	UG/G
	5.400	2.350	SC-04301-S	UG/G
	4.800	0.480	SC-04317-C	UG/G
	2.000	0.490	SC-04310-S	UG/G
	8.500	0.470	SC-04311-C	UG/G
	5.400	0.430	SC-04316-C	UG/G
	3.800	2.260	SC-04305-S	UG/G
	6.800	0.470	SC-04307-S	UG/G
	5.900	0.460	SC-04309-C	UG/G
	9.200	0.440	SC-04315-S	UG/G
	4.100	0.480	SC-04311-S	UG/G
	4.600	0.490	SC-04314-S	UG/G
	4.400	0.440	SC-04303-S	UG/G
	3.700	0.480	SC-04314-C	UG/G
	5.500	0.430	SC-04303-C	UG/G
	5.000	0.470	SC-04306-S	UG/G
	6.700	0.420	SC-04302-S	UG/G
	4.200	2.370	SC-04309-S	UG/G
	5.700	0.480	SC-04318-S	UG/G
	5.000	0.470	SC-04317-S	UG/G
	6.700	0.490	SC-04319-S	UG/G
	11.100	0.500	SC-04320-S	UG/G
	7.900	0.490	SC-04301-U	UG/G
	6.800	0.420	SC-04302-U	UG/G
	6.700	0.470	SC-04303-U	UG/G
	5.800	0.500	SC-04304-U	UG/G
	3.500	0.490	SC-04305-U	UG/G
	4.500	0.420	SC-04306-U	UG/G
	2.800	0.450	SC-04205-U	UG/G

ARSENIC AVERAGE = 5.6 UG/G

PAHs (2 SAMPLES)				
	7.780	12.000	SC-04411-S	UG/KG
	26.940	12.000	SC-04416-S	UG/KG

PAH AVERAGE = 17.360 UG/KG (0.017 MG/KG)

CU043 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION	UNITS
CHROMIUM (31 SAMPLES)				
	24.400	0.240	SC-04311-S	UG/G
	22.700	0.240	SC-04307-S	UG/G
	22.100	0.230	SC-04309-C	UG/G
	21.700	0.240	SC-04310-S	UG/G
	17.900	0.240	SC-04317-C	UG/G
	30.400	0.250	SC-04316-S	UG/G
	22.600	0.220	SC-04315-S	UG/G
	22.300	0.210	SC-04316-C	UG/G
	26.700	0.240	SC-04314-C	UG/G
	22.600	0.250	SC-04314-S	UG/G
	23.900	0.240	SC-04311-C	UG/G
	20.400	0.240	SC-04306-S	UG/G
	22.100	0.220	SC-04303-S	UG/G
	20.700	0.210	SC-04303-C	UG/G
	26.300	0.210	SC-04302-S	UG/G
	23.900	0.210	SC-04301-C	UG/G
	18.500	2.450	SC-04313-S	UG/G
	16.100	2.260	SC-04305-S	UG/G
	16.200	2.370	SC-04309-S	UG/G
	20.600	2.350	SC-04301-S	MG/G
	20.500	0.580	SC-04320-S	UG/G
	18.300	0.560	SC-04319-S	UG/G
	13.200	0.540	SC-04317-S	UG/G
	17.200	0.560	SC-04318-S	UG/G
	24.600	0.250	SC-04301-U	UG/G
	25.800	0.210	SC-04302-U	UG/G
	24.600	0.240	SC-04303-U	UG/G
	24.800	0.250	SC-04304-U	UG/G
	17.100	0.210	SC-04305-U	UG/G
	20.100	0.210	SC-04306-U	UG/G
	24.900	0.220	SC-04205-U	UG/G

CHROMIUM AVERAGE = 21.7 UG/G

CU043 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION	UNITS
LEAD (31 SAMPLES)				
	12.700	0.210	SC-04301-C	UG/G
	13.100	0.220	SC-04303-S	UG/G
	19.900	0.210	SC-04303-C	UG/G
	12.900	0.250	SC-04316-S	UG/G
	6.600	0.240	SC-04310-S	UG/G
	21.500	0.230	SC-04309-C	UG/G
	16.500	0.240	SC-04307-S	UG/G
	13.400	0.240	SC-04311-C	UG/G
	9.400	0.240	SC-04311-S	UG/G
	9.700	0.240	SC-04314-C	UG/G
	9.400	0.250	SC-04314-S	UG/G
	25.200	0.220	SC-04315-S	UG/G
	9.800	0.240	SC-04317-C	UG/G
	23.400	0.210	SC-04302-S	UG/G
	10.900	0.210	SC-04316-C	UG/G
	16.900	0.700	SC-04301-S	UG/G
	8.600	0.680	SC-04305-S	UG/G
	9.000	0.710	SC-04309-S	UG/G
	9.600	0.740	SC-04313-S	UG/G
	14.000	0.240	SC-04306-S	UG/G
	7.600	0.330	SC-04317-S	UG/G
	8.700	0.340	SC-04318-S	UG/G
	9.400	0.340	SC-04319-S	UG/G
	20.100	0.350	SC-04320-S	UG/G
	13.600	0.230	SC-04301-U	UG/G
	18.000	0.210	SC-04302-U	UG/G
	11.900	0.240	SC-04303-U	UG/G
	16.800	0.250	SC-04304-U	UG/G
	9.900	0.210	SC-04305-U	UG/G
	10.600	0.210	SC-04306-U	UG/G
	7.600	0.220	SC-04205-U	UG/G

LEAD AVERAGE = 13.1 UG/G

CU043 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION	UNITS
RADIUM-226 (36 SAMPLES)				
	2.570	0.320	SC-04301-S	PCI/G
	2.700	0.300	SC-04302-S	PCI/G
	1.700	0.320	SC-04301-C	PCI/G
	2.130	0.400	SC-04314-C	PCI/G
	2.590	0.360	SC-04311-S	PCI/G
	2.790	0.300	SC-04305-S	PCI/G
	2.160	0.300	SC-04309-S	PCI/G
	2.180	0.370	SC-04315-S	PCI/G
	2.410	0.310	SC-04314-S	PCI/G
	2.200	0.240	SC-04316-C	PCI/G
	2.500	0.350	SC-04313-S	PCI/G
	2.160	0.330	SC-04306-S	PCI/G
	2.160	0.370	SC-04317-S	PCI/G
	2.500	0.300	SC-04318-S	PCI/G
	1.790	0.440	SC-04319-S	PCI/G
	2.090	0.300	SC-04320-S	PCI/G
	2.130	0.310	SC-04311-C	PCI/G
	2.110	0.390	SC-04303-S	PCI/G
	2.380	0.450	SC-04303-C	PCI/G
	2.220	0.210	SC-04317-C	PCI/G
	2.200	0.310	SC-04307-S	PCI/G
	2.180	0.240	SC-04309-C	PCI/G
	2.680	0.340	SC-04310-S	PCI/G
	2.130	0.360	SC-04316-S	PCI/G
	1.500	0.320	SC-04107-S	PCI/G
	2.070	0.330	SC-04321-S	PCI/G
	2.320	0.250	SC-04322-S	PCI/G
	2.020	0.480	SC-04323-S	PCI/G
	2.430	0.260	SC-04324-S	PCI/G
	2.200	0.300	SC-04301-U	PCI/G
	2.500	0.310	SC-04302-U	PCI/G
	2.700	0.270	SC-04303-U	PCI/G
	2.340	0.230	SC-04304-U	PCI/G
	2.000	0.280	SC-04305-U	PCI/G
	2.660	0.300	SC-04306-U	PCI/G
	1.930	0.350	SC-04205-U	PCI/G

RADIUM-226 AVERAGE = 2.259 PCI/G

CU043 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION	UNITS
RADIUM-228 (36 SAMPLES)				
	1.410	0.380	SC-04320-S	PCI/G
	1.200	0.580	SC-04319-S	PCI/G
	1.120	0.480	SC-04317-S	PCI/G
	1.390	0.440	SC-04318-S	PCI/G
	1.010	0.390	SC-04306-S	PCI/G
	1.210	0.460	SC-04307-S	PCI/G
	1.190	0.500	SC-04309-C	PCI/G
	0.930	0.370	SC-04310-S	PCI/G
	1.030	0.370	SC-04311-C	PCI/G
	1.110	0.500	SC-04311-S	PCI/G
	1.390	0.460	SC-04314-C	PCI/G
	1.370	0.490	SC-04314-S	PCI/G
	1.030	0.670	SC-04315-S	PCI/G
	1.150	0.440	SC-04316-C	PCI/G
	1.450	0.510	SC-04316-S	PCI/G
	1.240	0.440	SC-04317-C	PCI/G
	1.460	0.450	SC-04303-S	PCI/G
	1.130	0.530	SC-04303-C	PCI/G
	1.210	0.330	SC-04302-S	PCI/G
	1.460	0.630	SC-04301-C	PCI/G
	1.000	0.490	SC-04309-S	PCI/G
	1.080	0.650	SC-04305-S	PCI/G
	1.170	0.420	SC-04301-S	PCI/G
	1.040	0.490	SC-04107-S	PCI/G
	1.240	0.000	SC-04313-S	PCI/G
	1.370	0.280	SC-04321-S	PCI/G
	0.960	0.470	SC-04322-S	PCI/G
	1.410	0.050	SC-04323-S	PCI/G
	0.645	1.290	SC-04324-S	PCI/G
	1.010	0.600	SC-04301-U	PCI/G
	0.670	1.340	SC-04302-U	PCI/G
	1.260	0.340	SC-04303-U	PCI/G
	1.040	0.430	SC-04304-U	PCI/G
	1.210	0.560	SC-04305-U	PCI/G
	1.420	0.630	SC-04306-U	PCI/G
	1.300	0.600	SC-04205-U	PCI/G

RADIUM-228 AVERAGE = 1.175 PCI/G

CU043 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION	UNITS
THORIUM-230 (31 SAMPLES)				
	1.120	0.038	SC-04302-S	PCI/G
	1.370	0.030	SC-04301-S	PCI/G
	1.060	0.040	SC-04314-S	PCI/G
	1.130	0.022	SC-04305-S	PCI/G
	1.500	0.035	SC-04301-C	PCI/G
	0.920	0.028	SC-04310-S	PCI/G
	1.260	0.030	SC-04311-C	PCI/G
	1.190	0.039	SC-04311-S	PCI/G
	1.120	0.044	SC-04303-C	PCI/G
	0.870	0.024	SC-04303-S	PCI/G
	1.270	0.026	SC-04316-S	PCI/G
	0.990	0.035	SC-04317-C	PCI/G
	0.980	0.028	SC-04309-S	PCI/G
	1.030	0.034	SC-04316-C	PCI/G
	1.400	0.058	SC-04315-S	PCI/G
	1.170	0.022	SC-04313-S	PCI/G
	0.950	0.027	SC-04306-S	PCI/G
	1.160	0.023	SC-04307-S	PCI/G
	1.360	0.046	SC-04309-C	PCI/G
	2.960	2.270	SC-04320-S	PCI/G
	2.770	2.270	SC-04319-S	PCI/G
	2.650	2.270	SC-04318-S	PCI/G
	2.440	2.270	SC-04317-S	PCI/G
	1.000	0.045	SC-04314-C	PCI/G
	1.250	0.037	SC-04301-U	PCI/G
	1.610	0.039	SC-04302-U	PCI/G
	1.080	0.036	SC-04303-U	PCI/G
	1.260	0.038	SC-04304-U	PCI/G
	0.890	0.028	SC-04305-U	PCI/G
	1.060	0.036	SC-04306-U	PCI/G
	1.070	0.028	SC-04205-U	PCI/G

THORIUM-230 AVERAGE = 1.351 PCI/G

CU043 DATA REPORT (CONTINUED)

PARAMETER	CONC	DL	LOCATION	UNITS
URANIUM-238 (42 SAMPLES)				
	2.450	3.880	SC-04101-S	PCI/G
	2.155	4.310	SC-04308-S	PCI/G
	2.690	2.360	SC-04307-S	PCI/G
	1.975	3.950	SC-04310-S	PCI/G
	1.835	3.670	SC-04311-S	PCI/G
	1.530	3.060	SC-04312-S	PCI/G
	1.560	3.120	SC-04314-S	PCI/G
	1.990	3.980	SC-04411-S	PCI/G
	1.610	3.220	SC-04416-S	PCI/G
	2.050	4.100	SC-04716-S	PCI/G
	1.560	3.120	SC-04301-S	PCI/G
	2.075	4.150	SC-04305-S	PCI/G
	2.005	4.010	SC-04309-S	PCI/G
	1.695	3.390	SC-04622-S	PCI/G
	1.750	3.500	SC-04623-S	PCI/G
	8.310	4.240	SC-04624-S	PCI/G
	1.955	3.910	SC-04316-S	PCI/G
	1.580	3.160	SC-04406-S	PCI/G
	2.150	4.300	SC-04401-S	PCI/G
	2.055	4.110	SC-04315-S	PCI/G
	1.500	3.000	SC-04306-S	PCI/G
	2.090	4.180	SC-04304-S	PCI/G
	2.130	4.260	SC-04303-S	PCI/G
	2.200	2.760	SC-04107-S	PCI/G
	2.160	2.210	SC-04621-S	PCI/G
	1.635	3.270	SC-04302-S	PCI/G
	1.670	3.340	SC-04320-S	PCI/G
	2.055	4.110	SC-04319-S	PCI/G
	1.515	3.030	SC-04318-S	PCI/G
	2.055	4.110	SC-04317-S	PCI/G
	3.570	0.000	SC-04313-S	PCI/G
	2.330	2.370	SC-04321-S	PCI/G
	5.630	2.720	SC-04322-S	PCI/G
	1.960	3.920	SC-04323-S	PCI/G
	4.550	3.990	SC-04324-S	PCI/G
	1.775	3.550	SC-04301-U	PCI/G
	2.130	4.260	SC-04302-U	PCI/G
	1.540	3.080	SC-04303-U	PCI/G
	1.705	3.410	SC-04304-U	PCI/G
	2.250	4.500	SC-04305-U	PCI/G
	10.280	3.650	SC-04306-U	PCI/G
	2.035	4.070	SC-04205-U	PCI/G

URANIUM-238 AVERAGE = 2.470 PCI/G

Weldon Spring Site Remedial Action Project
7295 Highway 94 South, St. Charles, Missouri, 63304

ES&H 1.2.1.1, Rev. 1, 03/96

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

SECTION I

1. Work Package Number: WP420 2. Date: 07/24/96 3. Review Form #: 96-027

4. Remediation Unit Number: RU 006 5. Confirmation Unit Number: CU 014 (map attached)

6. Contaminants of Concern: X U-238 X Th-230 X Th-232 X Ra-226 X Ra-228
___ TNT X PCB X PAH X As X Cr X Pb ___ Tl

7. Results average below ALARA goal(s)?	X Yes	___ No
8. All results below cleanup criteria?	X Yes	___ No
9. Any results greater than 3X criteria?	___ Yes	X No
10. Hotspots present (less than 3X criteria)?	___ Yes	X No

Parameter	Size	Concentration	Complies with Plan?
N/A			___ Yes ___ No
			___ Yes ___ No
			___ Yes ___ No
			___ Yes ___ No

11. Reviewer: Mel A Kirby Date: 7/24/96

12. Reviewer Disposition Recommendation:
X Release for Unrestricted Use (Section II)
___ Additional Excavation Required (Section IV)
___ ALARA Committee Required (Section III)

SECTION II ***Results are ALARA. CU is released for unrestricted use.***

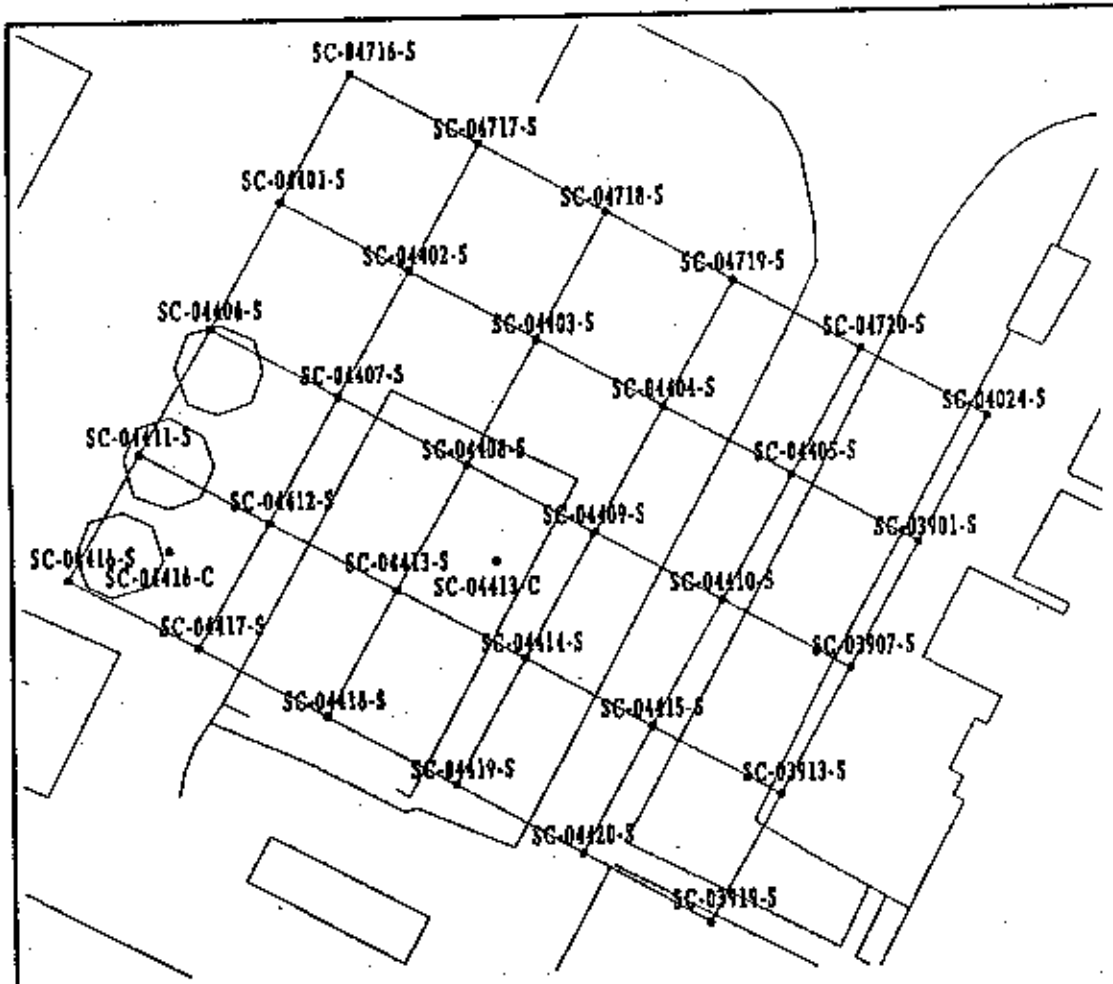
14. ES&H Manager: [signature] Date: 7/24/96

15. DOE Project Manager/Engineer: [signature] Date: 7/24/96

16. Project Manager: [signature] Date: 7/24/96

17. Construction Engineer: [signature] Date: 7/24/96

SEE ATTACHED RESULTS AND MAP



Review Form # 96-027

Sample Locations in Remedial Unit RU006 Confirmation Unit CU044

Figure B-25

EXHIBIT NO.: A/CP/107/1295		REPORT NO.: DOE/OR/21548-590	
ORIGINATOR: MGL	DRAWN BY: WSSRAP GIS	DATE: 3/96	

CU044 DATA REPORT

PARAMETER	CONC	DL	LOCATION	UNITS
Aroclor-1248	0.000	38.000	SC-04418-S	UG/KG
	0.000	41.000	SC-04718-S	UG/KG
	0.000	38.000	SC-04413-C	UG/KG
	0.000	41.000	SC-04408-S	UG/KG
	0.000	37.000	SC-04409-S	UG/KG
	0.000	42.000	SC-04404-S	UG/KG
	0.000	40.000	SC-04403-S	UG/KG
	0.000	41.000	SC-04402-S	UG/KG
	0.000	38.000	SC-04024-S	UG/KG
	0.000	40.000	SC-03913-S	UG/KG
	0.000	40.000	SC-03907-S	UG/KG
	0.000	37.000	SC-03901-S	UG/KG
	0.000	35.000	SC-04414-S	UG/KG
	0.000	40.000	SC-04420-S	UG/KG
	0.000	37.000	SC-04419-S	UG/KG
Aroclor-1248 AVERAGE	0.000			
Aroclor-1254	0.000	41.000	SC-04402-S	UG/KG
	0.000	40.000	SC-04403-S	UG/KG
	0.000	42.000	SC-04404-S	UG/KG
	39.000	37.000	SC-04409-S	UG/KG
	100.000	41.000	SC-04408-S	UG/KG
	0.000	38.000	SC-04413-C	UG/KG
	0.000	40.000	SC-04420-S	UG/KG
	0.000	38.000	SC-04418-S	UG/KG
	150.000	37.000	SC-04419-S	UG/KG
	0.000	35.000	SC-04414-S	UG/KG
	0.000	41.000	SC-04718-S	UG/KG
	55.000	37.000	SC-03901-S	UG/KG
	0.000	40.000	SC-03907-S	UG/KG
	0.000	40.000	SC-03913-S	UG/KG
	140.000	38.000	SC-04024-S	UG/KG
Aroclor-1254 AVERAGE	32.267			

CU044 DATA REPORT

PARAMETER	CONC	DL	LOCATION	UNITS
Aroclor-1260	0.000	38.000	SC-04413-C	UG/KG
	0.000	41.000	SC-04408-S	UG/KG
	0.000	37.000	SC-04409-S	UG/KG
	0.000	40.000	SC-04420-S	UG/KG
	0.000	42.000	SC-04404-S	UG/KG
	0.000	40.000	SC-04403-S	UG/KG
	0.000	41.000	SC-04402-S	UG/KG
	150.000	38.000	SC-04024-S	UG/KG
	0.000	40.000	SC-03913-S	UG/KG
	0.000	40.000	SC-03907-S	UG/KG
	63.000	37.000	SC-03901-S	UG/KG
	0.000	35.000	SC-04414-S	UG/KG
	0.000	41.000	SC-04718-S	UG/KG
	38.000	37.000	SC-04419-S	UG/KG
	0.000	38.000	SC-04418-S	UG/KG
Aroclor-1260 AVERAGE		16.733		

PCB Summary note: No sample location exceeded ALARA for PCBS

CU044 DATA REPORT

PARAMETER	CONC	DL	LOCATION	UNITS
BENZO(A)ANTHRACENE	0.000	6.000	SC-04411-S	UG/KG
	0.000	5.900	SC-04416-S	UG/KG
	10.000	4.300	SC-04412-S	UG/KG
	74.000	5.400	SC-04417-S	UG/KG
	330.000	5.300	SC-04416-C	UG/KG
BENZO(A)ANTHRACENE	82.000 UG/KG			
BENZO(A)PYRENE	0.640	5.900	SC-04416-S	UG/KG
	0.000	6.000	SC-04411-S	UG/KG
	68.000	9.300	SC-04416-C	UG/KG
	0.000	9.600	SC-04417-S	UG/KG
	0.000	8.700	SC-04412-S	UG/KG
BENZO(A)PYRENE AVERAGE	13.728 UG/KG			
BENZO(B)FLUORANTHENE	7.200	12.000	SC-04411-S	UG/KG
	25.000	12.000	SC-04416-S	UG/KG
	0.000	6.800	SC-04412-S	UG/KG
	0.000	7.500	SC-04417-S	UG/KG
	100.000	7.300	SC-04416-C	UG/KG
BENZO(B)FLUORANTHENE	26.440 UK/KG			
BENZO(K)FLUORANTHENE	0.000	6.000	SC-04411-S	UG/KG
	0.580	5.900	SC-04416-S	UG/KG
	0.000	6.400	SC-04412-S	UG/KG
	0.000	7.100	SC-04417-S	UG/KG
	44.000	6.900	SC-04416-C	UG/KG
BENZO(K)FLUORANTHENE AVERAGE	8.800 UG/KG			

CU044 DATA REPORT

PARAMETER	CONC	DL	LOCATION	UNITS
CHRYSENE	0.720	5.900	SC-04416-S	UG/KG
	0.580	6.000	SC-04411-S	UG/KG
	00.000	56.000	SC-04412-S	UG/KG
	180.000	61.000	SC-04416-C	UG/KG
	00.000	63.000	SC-04417-S	UG/KG
CHRYSENE AVERAGE	36.144 UG/KG			
INDENO(1,2,3-CD)PYRENE	0.000	12.000	SC-04416-S	UG/KG
	0.000	12.000	SC-04411-S	UG/KG
	0.000	16.000	SC-04412-S	UG/KG
	33.000	17.000	SC-04416-C	UG/KG
	0.000	18.000	SC-04417-S	UG/KG
INDENO(1,2,3-CD)PYRENE AVERAGE	6.600 UG/KG			

PCB Summary note: No sample location exceeded ALARA for PCBS

CU044 DATA REPORT

PARAMETER	CONC	DL	LOCATION	UNITS
ARSENIC	9.800	2.400	SC-03907-S	UG/G
	10.600	2.200	SC-03901-S	UG/G
	6.900	2.400	SC-03913-S	UG/G
	7.700	2.300	SC-04024-S	UG/G
ARSENIC AVERAGE		8.750	MG/KG	
CHROMIUM	15.900	2.700	SC-04024-S	UG/G
	19.300	2.800	SC-03913-S	UG/G
	16.300	2.600	SC-03901-S	UG/G
	16.500	2.800	SC-03907-S	UG/G
CHROMIUM AVERAGE		17.000	MG/KG	
LEAD	13.700	1.700	SC-03913-S	UG/G
	11.300	1.600	SC-04024-S	UG/G
	20.100	1.700	SC-03907-S	UG/G
	15.400	1.600	SC-03901-S	UG/G
LEAD AVERAGE		15.125	MG/KG	

CU044 DATA REPORT

PARAMETER		CONC	DL	LOCATION	UNITS
RADIUM-226		2.090	0.290	SC-04024-S	PCI/G
	2.77	~~1.220~~	0.230	SC-03913-S	PCI/G
		2.470	0.260	SC-03907-S	PCI/G
	2.20	~~2.770~~	0.340	SC-03901-S	PCI/G
RADIUM-226 AVERAGE		~~2.138~~ 2.38 PCI/G			
RADIUM-228		1.160	0.420	SC-04024-S	PCI/G
		1.640	0.160	SC-03901-S	PCI/G
		1.210	0.470	SC-03907-S	PCI/G
		1.220	0.500	SC-03913-S	PCI/G
		1.270	0.390	SC-04403-S	PCI/G
		1.660	0.650	SC-04402-S	PCI/G
		1.300	0.440	SC-04420-S	PCI/G
		1.990	0.720	SC-04419-S	PCI/G
		1.210	0.450	SC-04418-S	PCI/G
		1.240	0.470	SC-04414-S	PCI/G
		0.960	0.370	SC-04413-C	PCI/G
		0.970	0.400	SC-04409-S	PCI/G
		1.000	0.470	SC-04404-S	PCI/G
RADIUM-228 AVERAGE		1.295 PCI/G			
THORIUM-230		2.540	2.170	SC-04718-S	PCI/G
		2.590	2.170	SC-04403-S	PCI/G
		2.720	2.170	SC-04402-S	PCI/G
		2.960	2.170	SC-04420-S	PCI/G
		4.890	2.170	SC-04419-S	PCI/G
		2.690	2.170	SC-04418-S	PCI/G
		2.840	2.170	SC-04414-S	PCI/G
		2.530	2.170	SC-04413-C	PCI/G
		3.130	2.170	SC-04409-S	PCI/G
		2.750	2.170	SC-04404-S	PCI/G
THORIUM-230 AVERAGE		~~0.000~~ 2.96 PCI/G			

add: (MGK 5.22.97)

loc	conc	DL
SC-04024-S	2.71	2.27
SC-03901-S	3.63	2.27
SC-03907-S	2.62	2.27
SC-03913-S	2.65	2.27

MGK 7/26/96

2.96 SPET 2.96 pCi/g MGK 5.22.97

CU044 DATA REPORT

PARAMETER	CONC	DL	LOCATION	UNITS
URANIUM-238	1.520	2.810	SC-04720-S	PCI/G
	1.545	3.090	SC-04719-S	PCI/G
	1.990	3.980	SC-04718-S	PCI/G
	1.600	3.200	SC-04717-S	PCI/G
	2.050	4.100	SC-04716-S	PCI/G
	4.250	3.260	SC-03901-S	PCI/G
	1.525	3.050	SC-03907-S	PCI/G
	2.055	4.110	SC-03913-S	PCI/G
	4.680	3.480	SC-03919-S	PCI/G
	2.090	4.180	SC-04402-S	PCI/G
	1.440	2.880	SC-04403-S	PCI/G
	1.895	3.790	SC-04404-S	PCI/G
	2.110	4.220	SC-04405-S	PCI/G
	1.565	3.130	SC-04407-S	PCI/G
	7.300	3.680	SC-04408-S	PCI/G
	5.230	2.400	SC-04409-S	PCI/G
	1.470	2.940	SC-04410-S	PCI/G
	1.810	3.620	SC-04412-S	PCI/G
	1.485	2.970	SC-04413-C	PCI/G
	1.955	3.910	SC-04413-S	PCI/G
	7.600	2.440	SC-04414-S	PCI/G
	2.575	5.150	SC-04415-S	PCI/G
	1.505	3.010	SC-04417-S	PCI/G
	1.955	3.910	SC-04418-S	PCI/G
	12.190	3.530	SC-04419-S	PCI/G
	5.350	2.030	SC-04420-S	PCI/G
	1.610	3.220	SC-04416-S	PCI/G
	1.990	3.980	SC-04411-S	PCI/G
	1.580	3.160	SC-04406-S	PCI/G
	2.150	4.300	SC-04401-S	PCI/G
	4.130	2.720	SC-04024-S	PCI/G

URANIUM-238 AVERAGE 2.974 PCI/G

Weldon Spring Site Remedial Action Project
7295 Highway 94 South, St. Charles, Missouri, 63304

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

SECTION I

1. Work Package Number: WP420 2. Date: 06/27/96 3. Review Form #: 96-020

4. Remediation Unit Number: RU 004 5. Confirmation Unit Number: CU 045 (map attached)

6. Contaminants of Concern: X U-238 ___ Th-230 ___ Th-232 ___ Ra-226 ___ Ra-228
___ TNT ___ PCB ___ PAH ___ As ___ Cr ___ Pb ___ Tl

7. Results average below ALARA goal(s)?	X Yes ___ No
8. All results below cleanup criteria?	X Yes ___ No
9. Any results greater than 3X criteria?	___ Yes X No
10. Hotspots present (less than 3X criteria)?	___ Yes X No

Parameter	Size	Concentration	Complies with Plan?
			___ Yes ___ No
			___ Yes ___ No
			___ Yes ___ No
			___ Yes ___ No

11. Reviewer: Melissa H Lisby Date: 06/27/96

12. Reviewer Disposition Recommendation:
X Release for Unrestricted Use (Section II)
___ Additional Excavation Required (Section IV)
___ ALARA Committee Required (Section III)

SECTION II *Results are ALARA. CU is released for unrestricted use.*

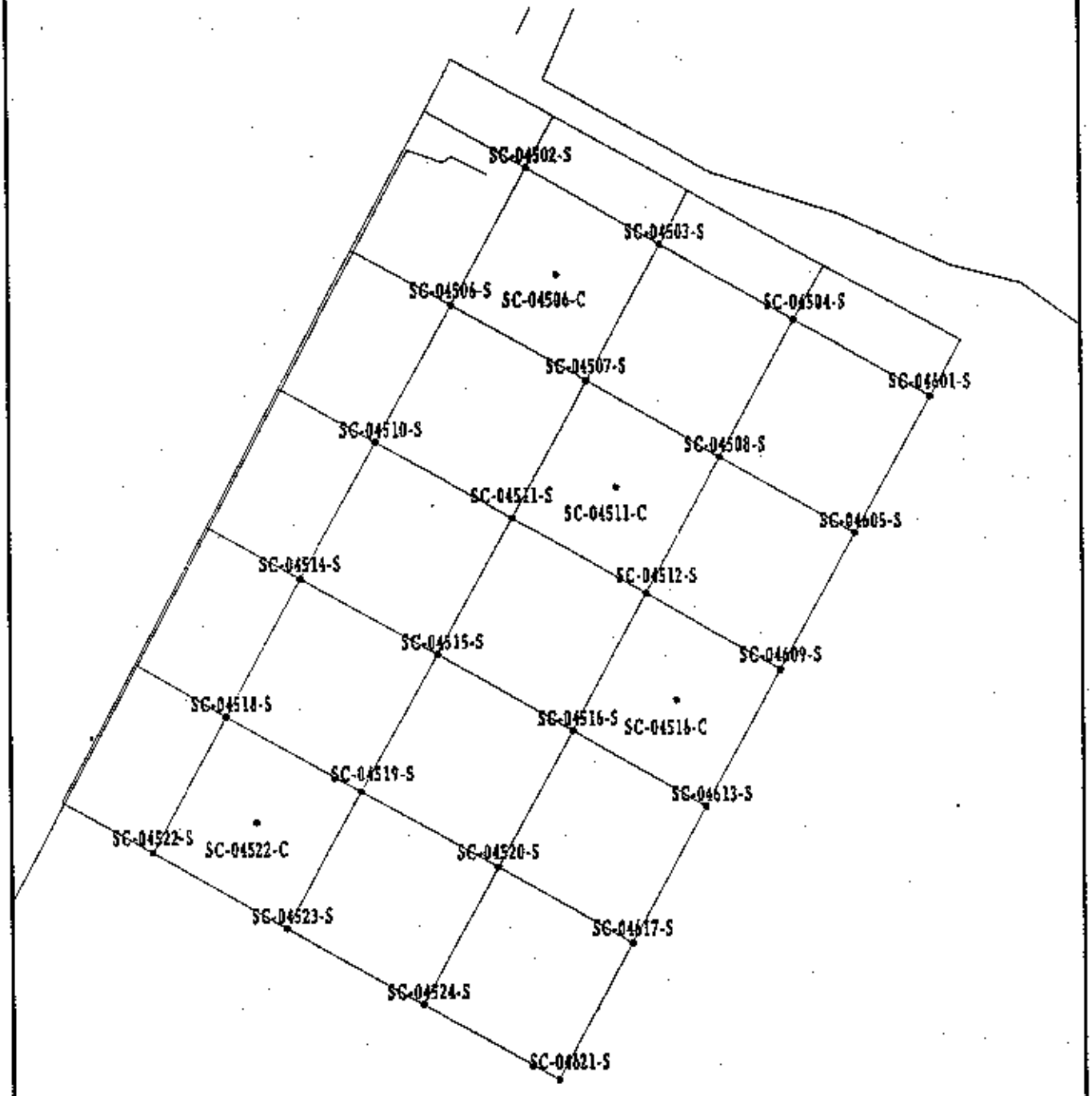
14. ES&H Manager: [signature] Date: 6/27/96

15. DOE Project Manager/Engineer: Thomas C Pauling Date: 6/27/96

16. Project Manager: [signature] Date: 6/27/96

17. Construction Engineer: Darrell L. Capps Date: 6/27/96

SEE ATTACHED RESULTS AND MAP



Review Form: 96-020
06/27/96

10 5 0 METERS

30 15 0 FEET

Sample Locations in Remedial Unit RU006
Confirmation Unit CU045

Figure B-26

EXHIBIT NO.: A/CP/108/1295		REPORT NO.: DOE/OR/21548-590	
ORIGINATOR: MGL	DRAWN BY: WSSRAP GIS	DATE: 3/96	

CU DATA REPORT

PARAMETER	CONCENTRA	DETECTION LIMIT	LOCATION
URANIUM-238	4.730	4.120	SC-04504-S
	1.910	3.820	SC-04506-C
	1.500	3.000	SC-04506-S
	1.420	2.840	SC-04507-S
	2.040	4.080	SC-04508-S
	2.005	4.010	SC-04510-S
	1.375	2.750	SC-04511-C
	1.375	2.750	SC-04511-S
	1.570	3.140	SC-04512-S
	1.900	3.800	SC-04514-S
	1.925	3.850	SC-04515-S
	2.280	2.040	SC-04516-C
	1.510	3.020	SC-04516-S
	2.050	4.100	SC-04518-S
	1.955	3.910	SC-04519-S
	1.420	2.840	SC-04520-S
	1.580	3.160	SC-04522-C
	2.035	4.070	SC-04522-S
	1.785	3.570	SC-04523-S
	1.535	3.070	SC-04524-S
	9.080	3.650	SC-04601-S
	1.510	3.020	SC-04605-S
	1.415	2.830	SC-04609-S
	2.015	4.030	SC-04613-S
	1.470	2.940	SC-04617-S
	2.160	2.210	SC-04621-S
	6.960	3.300	SC-04503-S
	28.630	7.200	SC-04502-S
	AAAAAAAAA		
URANIUM-238	3.255 pCi/g		
	AAAAAAAAA		
	3.255		

Weldon Spring Site Remedial Action Project
7295 Highway 94 South, St. Charles, Missouri, 63304

ES&H 1.2.1.1, Rev. 1, 03/96

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

SECTION I

1. Work Package Number: WP 420 2. Date: 7-3-96 3. Review Form #: 96-024

4. Remediation Unit Number: RU006 5. Confirmation Unit Number: CU0416 (map attached)

6. Contaminants of Concern: X U-238 ____Th-230 ____Th-232 ____Ra-226 ____Ra-228
____TNT ____PCB ____PAH ____As ____Cr ____Pb ____Tl

7. Results average below ALARA goal(s)?	X Yes ____No
8. All results below cleanup criteria?	X Yes ____No
9. Any results greater than 3X criteria?	____Yes X No
10. Hotspots present (less than 3X criteria)?	____Yes X No

Parameter	Size	Concentration	Complies with Plan?
			____Yes ____No
			____Yes ____No
			____Yes ____No
			____Yes ____No

11. Reviewer: [signature] Date: July 3, 1996

12. Reviewer Disposition Recommendation: X Release for Unrestricted Use (Section II)
____ Additional Excavation Required (Section IV)
____ ALARA Committee Required (Section III)

SECTION II *Results are ALARA. CU is released for unrestricted use.*

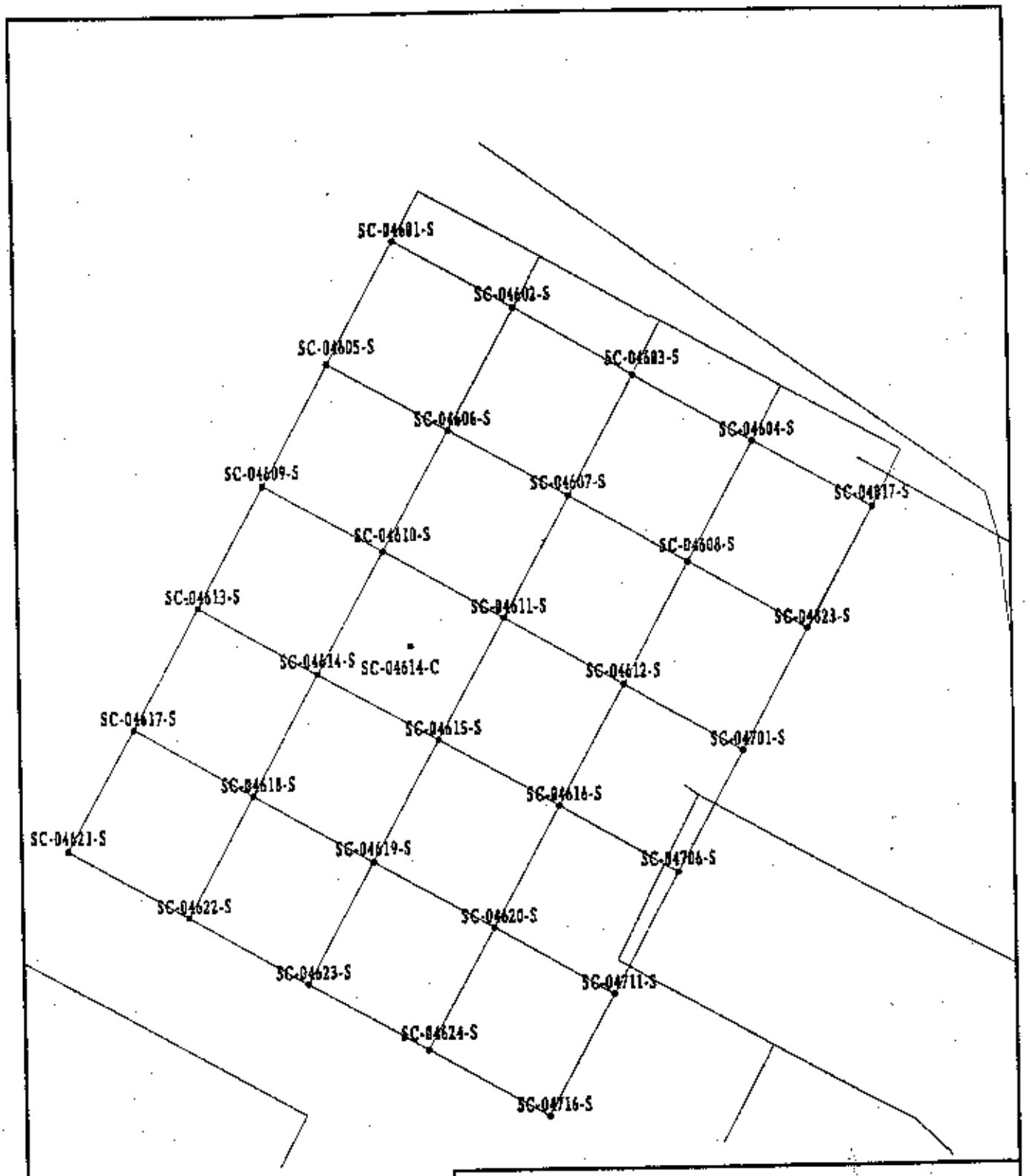
14. ES&H Manager: [signature] FOR ICAM Date: 7/3/96

15. DOE Project Manager/Engineer: [signature] Date: 7/3/96

16. Project Manager: [signature] Date: 7/3/96

17. Construction Engineer: [signature] Date: 7-3-96

SEE ATTACHED RESULTS AND MAP



Sample Locations in Remedial Unit RU006
Confirmation Unit CU046

Figure B-27

EXHIBIT NO.: A/CP/109/1295		REPORT NO.: DOE/OR/21548-590	
DESIGNATOR: MGL	DRAWN BY: WSSRAP GIS	DATE: 3/96	

Sample Results for CU046

Uranium 238		
SC-04601-S	9.08	pCi/g
SC-04602-S	ND	pCi/g
SC-04603-S	6.03	pCi/g
SC-04604-S	ND	pCi/g
SC-04605-S	<3.02	pCi/g
SC-04606-S	2.96	pCi/g
SC-04607-S	ND	pCi/g
SC-04608-S	ND	pCi/g
SC-04609-S	<2.83	pCi/g
SC-04610-S	1.06	pCi/g
SC-04611-S	ND	pCi/g
SC-04612-S	ND	pCi/g
SC-04613-S	<4.03	pCi/g
SC-04614-C	6.04	pCi/g
SC-04614-S	ND	pCi/g
SC-04615-S	ND	pCi/g
SC-04616-S	ND	pCi/g
SC-04617-S	<2.94	pCi/g
SC-04618-S	ND	pCi/g
SC-04619-S	ND	pCi/g
SC-04620-S	ND	pCi/g
SC-04621-S	2.16	pCi/g
SC-04622-S	ND	pCi/g
SC-04623-S	ND	pCi/g
SC-04624-S	8.31	pCi/g
SC-04817-S	8.19	pCi/g

Uranium 238		
SC-04823-S	10.36	pCi/g
SC-04701-S	ND	pCi/g
SC-04706-S	ND	pCi/g
SC-04711-S	ND	pCi/g
SC-04716-S	ND	pCi/g

Weldon Spring Site Remedial Action Project
7295 Highway 94 South, St. Charles, Missouri, 63304

ES&H 1.2.1.1, Rev. 1, 03/96

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

SECTION I

1. Work Package Number: WP-420 2. Date: 07/24/96 3. Review Form #: 96-026

4. Remediation Unit Number: RU026 5. Confirmation Unit Number: CU047 (map attached)

6. Contaminants of Concern: X U-238 X Th-230 X Th-232 V Ra-226 X Ra-228
   ___ TNT X PCB ___ PAH X As X Cr V Pb ___ Tl

7. Results average below ALARA goal(s)?	X Yes ___ No
8. All results below cleanup criteria?	X Yes ___ No
9. Any results greater than 3X criteria?	___ Yes X No
10. Hotspots present (less than 3X criteria)?	___ Yes X No

Parameter	Size	Concentration	Complies with Plan?
N/A			___ Yes ___ No
			___ Yes ___ No
			___ Yes ___ No
			___ Yes ___ No

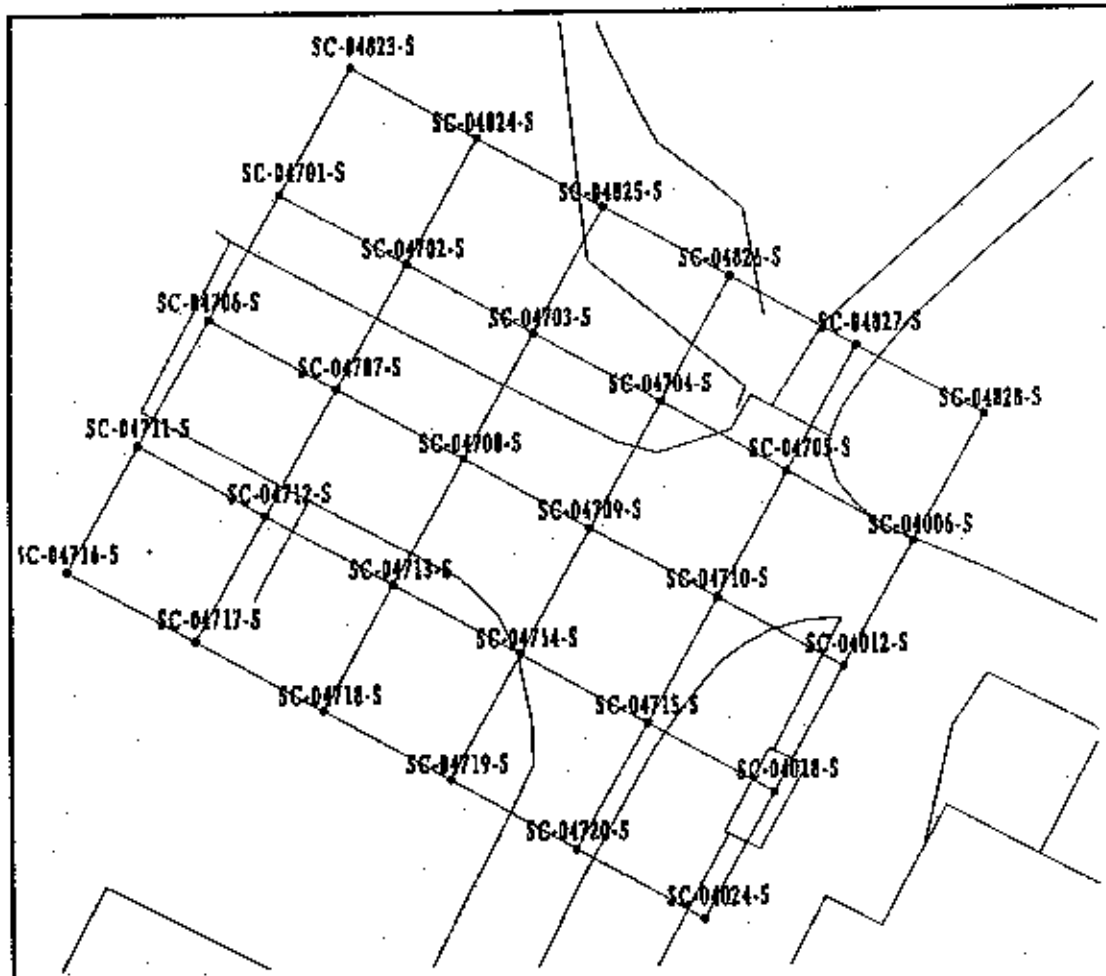
11. Reviewer: Melissa A. Luth Date: 07/24/96

12. Reviewer Disposition Recommendation: X Release for Unrestricted Use (Section II)
    ___ Additional Excavation Required (Section IV)
    ___ ALARA Committee Required (Section III)

SECTION II ***Results are ALARA. CU is released for unrestricted use.***

14. ES&H Manager: [signature] Date: 7/24/96
15. DOE Project Manager/Engineer: [signature] Date: 7/24/96
16. Project Manager: [signature] for G. Beyer Date: 7/24/96
17. Construction Engineer: [signature] Date: 7/24/96

SEE ATTACHED RESULTS AND MAP



10 5 0 10 METERS

30 15 0 30 FEET

N

E

S

Review Form #96-0860

Sample Locations in Remedial Unit RU006 Confirmation Unit CU047

Figure B-28

EXHIBIT NO.: A/CP/110/1295		REPORT NO.: DOE/OR/21548-590	
ORIGINATOR: MGL	DRAWN BY: WSSRAP GIS	DATE: 3/96	

CU047 DATA REPORT

PARAMETER	CONC	DL	LOCATION	UNITS
AROCLOR-1248	0.000	13.000	SC-04708-S	UG/KG
	0.000	13.000	SC-04709-S	UG/KG
	0.000	13.000	SC-04712-S	UG/KG
	0.000	13.000	SC-04703-S	UG/KG
	0.000	13.000	SC-04704-S	UG/KG
	0.000	40.000	SC-04714-S	UG/KG
	0.000	45.000	SC-04713-S	UG/KG
	0.000	41.000	SC-04718-S	UG/KG
	0.000	36.000	SC-04012-S	UG/KG
	0.000	38.000	SC-04024-S	UG/KG
	0.000	38.000	SC-04701-U	UG/KG
	0.000	38.000	SC-04702-U	UG/KG
	0.000	38.000	SC-04703-U	UG/KG
	0.000	38.000	SC-04704-U	UG/KG
	0.000	38.000	SC-04705-U	UG/KG
AROCLOR-1248 AVERAGE	0.000			
AROCLOR-1254	0.000	13.000	SC-04703-S	UG/KG
	0.000	13.000	SC-04712-S	UG/KG
	0.000	13.000	SC-04709-S	UG/KG
	0.000	13.000	SC-04708-S	UG/KG
	0.000	13.000	SC-04704-S	UG/KG
	0.000	36.000	SC-04012-S	UG/KG
	0.000	45.000	SC-04713-S	UG/KG
	0.000	40.000	SC-04714-S	UG/KG
	0.000	41.000	SC-04718-S	UG/KG
	140.000	38.000	SC-04024-S	UG/KG
	0.000	38.000	SC-04701-U	UG/KG
	0.000	38.000	SC-04702-U	UG/KG
	0.000	38.000	SC-04703-U	UG/KG
	0.000	38.000	SC-04704-U	UG/KG
	0.000	38.000	SC-04705-U	UG/KG
AROCLOR-1254 AVERAGE	9.333			

CU047 DATA REPORT

PARAMETER	CONC	DL	LOCATION	UNITS
AROCLOR-1260	0.000	13.000	SC-04708-S	UG/KG
	8.100	13.000	SC-04709-S	UG/KG
	0.000	13.000	SC-04712-S	UG/KG
	0.000	13.000	SC-04703-S	UG/KG
	0.000	13.000	SC-04704-S	UG/KG
	0.000	45.000	SC-04713-S	UG/KG
	750.000	36.000	SC-04012-S	UG/KG
	150.000	38.000	SC-04024-S	UG/KG
	0.000	41.000	SC-04718-S	UG/KG
	0.000	40.000	SC-04714-S	UG/KG
	340.000	38.000	SC-04701-U	UG/KG
	260.000	40.000	SC-04702-U	UG/KG
	73.000	39.000	SC-04703-U	UG/KG
	0.000	42.000	SC-04704-U	UG/KG
	0.000	40.000	SC-04705-U	UG/KG
AROCLOR-1260 AVERAGE	105.407			

PCB SUMMARY - All sampling locations were less than ALARA and therefore the average was less than ALARA.

CU047 DATA REPORT

PARAMETER	CONC	DL	LOCATION	UNITS
Arsenic	7.700	2.300	SC-04024-S	UG/G
Chromium	15.900	2.700	SC-04024-S	UG/G
Lead	11.300	1.600	SC-04024-S	UG/G
RADIUM-226	2.090	0.290	SC-04024-S	PCI/G
	2.540	0.240	SC-04701-U	PCI/G
	2.340	0.280	SC-04702-U	PCI/G
	2.340	0.370	SC-04703-U	PCI/G
	2.290	0.260	SC-04704-U	PCI/G
	2.070	0.340	SC-04705-U	PCI/G
RADIUM-226 AVERAGE	2.278 PCI/G			
RADIUM-228	1.160	0.420	SC-04024-S	PCI/G
	1.340	0.490	SC-04701-U	PCI/G
	1.400	0.410	SC-04702-U	PCI/G
	1.520	0.490	SC-04703-U	PCI/G
	1.130	0.420	SC-04704-U	PCI/G
	1.160	0.550	SC-04705-U	PCI/G
RADIUM-228 AVERAGE	1.285 PCI/G			
THORIUM-230	2.540	2.170	SC-04718-S	PCI/G
	2.710	2.170	SC-04024-S	PCI/G
	2.620	2.170	SC-04714-S	PCI/G
	2.630	2.170	SC-04713-S	PCI/G
	2.800	2.170	SC-04712-S	PCI/G
	2.800	2.170	SC-04709-S	PCI/G
	2.530	2.170	SC-04708-S	PCI/G
	2.760	2.170	SC-04704-S	PCI/G
	2.610	2.170	SC-04703-S	PCI/G
	2.420	2.170	SC-04701-U	PCI/G
	2.580	2.170	SC-04702-U	PCI/G
	2.500	2.170	SC-04703-U	PCI/G
	2.570	2.170	SC-04704-U	PCI/G
	2.690	2.170	SC-04705-U	PCI/G
THORIUM-230 AVERAGE	2.625 PCI/G			

CU047 DATA REPORT

PARAMETER	CONC	DL	LOCATION	UNITS
URANIUM-238	1.520	2.810	SC-04720-S	PCI/G
	1.545	3.090	SC-04719-S	PCI/G
	1.990	3.980	SC-04718-S	PCI/G
	1.600	3.200	SC-04717-S	PCI/G
	1.910	3.820	SC-04715-S	PCI/G
	2.050	4.100	SC-04716-S	PCI/G
	10.360	4.110	SC-04823-S	PCI/G
	2.450	4.900	SC-04701-S	PCI/G
	2.250	4.500	SC-04706-S	PCI/G
	1.625	3.250	SC-04711-S	PCI/G
	1.990	3.980	SC-04702-S	PCI/G
	1.515	3.030	SC-04703-S	PCI/G
	2.000	4.000	SC-04704-S	PCI/G
	3.040	2.660	SC-04705-S	PCI/G
	2.125	4.250	SC-04713-S	PCI/G
	1.420	2.840	SC-04714-S	PCI/G
	1.590	3.180	SC-04707-S	PCI/G
	1.865	3.730	SC-04708-S	PCI/G
	2.240	4.480	SC-04709-S	PCI/G
	1.655	3.310	SC-04710-S	PCI/G
	1.565	3.130	SC-04712-S	PCI/G
	4.130	2.720	SC-04024-S	PCI/G
	12.470	4.860	SC-04018-S	PCI/G
	2.510	5.020	SC-04012-S	PCI/G
	2.110	4.220	SC-04006-S	PCI/G
	1.555	3.110	SC-04828-S	PCI/G
	1.635	3.270	SC-04827-S	PCI/G
	2.830	2.820	SC-04826-S	PCI/G
	2.255	4.510	SC-04825-S	PCI/G
	6.170	2.460	SC-04824-S	PCI/G
	1.330	1.870	SC-04701-U	PCI/G
	2.005	4.010	SC-04702-U	PCI/G
	1.825	3.650	SC-04703-U	PCI/G
	1.520	3.040	SC-04704-U	PCI/G
	1.575	3.150	SC-04705-U	PCI/G
URANIUM-238 AVERAGE		2.635	PCI/G	

Weldon Spring Site Remedial Action Project
7295 Highway 94 South, St. Charles, Missouri, 63304

ES&H 1.2.1.1, Rev. 1, 03/96

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

SECTION I

1. Work Package Number: WP420 2. Date: 07/23/96 3. Review Form #: 96-025

4. Remediation Unit Number: RU006 5. Confirmation Unit Number: CU048 (map attached)

6. Contaminants of Concern: X U-238 ____Th-230 ____Th-232 ____Ra-226 ____Ra-228
____TNT ____PCB ____PAH ____As ____Cr ____Pb ____Tl

7. Results average below ALARA goal(s)? U-238 Avg. = 2.776 pCi/g	X Yes	___ No
8. All results below cleanup criteria?	X Yes	___ No
9. Any results greater than 3X criteria?	___ Yes	X No
10. Hotspots present (less than 3X criteria)?	___ Yes	X No

Parameter	Size	Concentration	Complies with Plan?
N/A			___ Yes ___ No
			___ Yes ___ No
			___ Yes ___ No
			___ Yes ___ No

11. Reviewer: Melvin A. Hoty Date: 07-23-96

12. Reviewer Disposition Recommendation: X Release for Unrestricted Use (Section II)
___ Additional Excavation Required (Section IV)
___ ALARA Committee Required (Section III)

SECTION II ***Results are ALARA. CU is released for unrestricted use.***

14. ES&H Manager: Date: 7/23/96

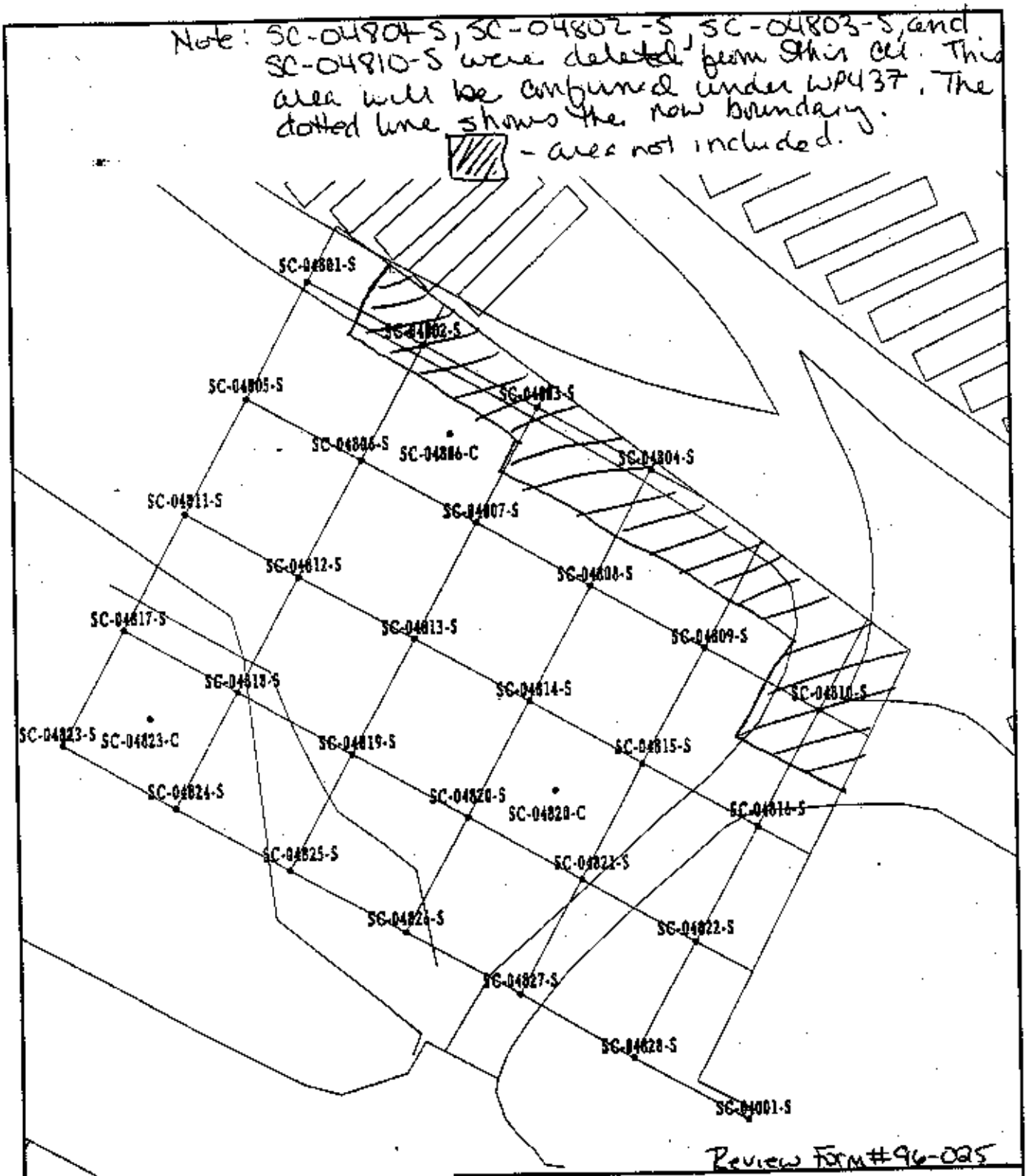
15. DOE Project Manager/Engineer: Date: 960723

16. Project Manager: Date: 7/23/96

17. Construction Engineer: Date: 7/23/96

SEE ATTACHED RESULTS AND MAP

Note: SC-04804-S, SC-04802-S, SC-04803-S, and SC-04810-S were deleted from this CU. This area will be confirmed under WP437. The dotted line shows the new boundary.
- area not included.



Review Form #96-025

N

10 5 0 METERS

30 15 0 FEET

Sample Locations in Remedial Unit RU006
Confirmation Unit CU048

Figure B-29

EXHIBIT NO.: A/CP/111/3295		REPORT NO.: DOE/OR/21548-590	
DESIGNATOR: MGL	DRAWN BY: WSSRAP GIS	DATE: 3/96	

CU DATA REPORT

PARAMETER	CONC	DL	LOCATION	UNITS
URANIUM-238	2.035	4.070	SC-04801-S	PCI/G
	1.900	3.800	SC-04805-S	PCI/G
	1.615	3.230	SC-04811-S	PCI/G
	8.190	3.150	SC-04817-S	PCI/G
	2.280	3.210	SC-04806-C	PCI/G
	2.020	4.040	SC-04806-S	PCI/G
	1.550	3.100	SC-04807-S	PCI/G
	1.960	3.920	SC-04808-S	PCI/G
	1.540	3.080	SC-04809-S	PCI/G
	4.350	3.430	SC-04812-S	PCI/G
	1.535	3.070	SC-04813-S	PCI/G
	1.455	2.910	SC-04814-S	PCI/G
	2.060	4.120	SC-04815-S	PCI/G
	1.910	3.820	SC-04816-S	PCI/G
	4.150	2.370	SC-04818-S	PCI/G
	1.895	3.790	SC-04819-S	PCI/G
	1.930	3.860	SC-04820-C	PCI/G
	2.170	4.340	SC-04820-S	PCI/G
	1.550	3.100	SC-04821-S	PCI/G
	1.990	2.470	SC-04822-S	PCI/G
	4.370	2.910	SC-04823-C	PCI/G
	6.170	2.460	SC-04824-S	PCI/G
	2.255	4.510	SC-04825-S	PCI/G
	2.830	2.820	SC-04826-S	PCI/G
	1.635	3.270	SC-04827-S	PCI/G
	1.555	3.110	SC-04828-S	PCI/G
	10.360	4.110	SC-04823-S	PCI/G
	2.070	4.140	SC-04001-S	PCI/G
	2.025	4.050	SC-04801-U	PCI/G
	1.940	3.880	SC-04802-U	PCI/G

URANIUM-238 Average 2.776 PCI/G

Weldon Spring Site Remedial Action Project
7295 Highway 94 South, St. Charles, Missouri, 63304

ES&H-1.2.1, 12/95
Page 1 of 2

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

SECTION I

1. Work Package Number: WP420 2. Date: 06/28/96 3. Review Form #: 96-021
4. Remediation Unit Number: RU0006 5. Confirmation Unit Number: CU049 (map attached)
6. Contaminants of Concern: X U-238 ____Th-230 ____Th-232 ____Ra-226 ____Ra-228
____TNT ____PCB ____PAH ____As ____Cr ____Pb ____Tl

7. Results average below ALARA goal(s)?	X Yes ____No
8. All results below cleanup criteria?	X Yes ____No
9. Any results greater than 3X criteria?	____Yes X No
10. Hotspots present (less than 3X criteria)?	____Yes X No

Parameter	Size	Concentration	Complies with Plan?
N/A			____Yes ____No
			____Yes ____No
			____Yes ____No
			____Yes ____No

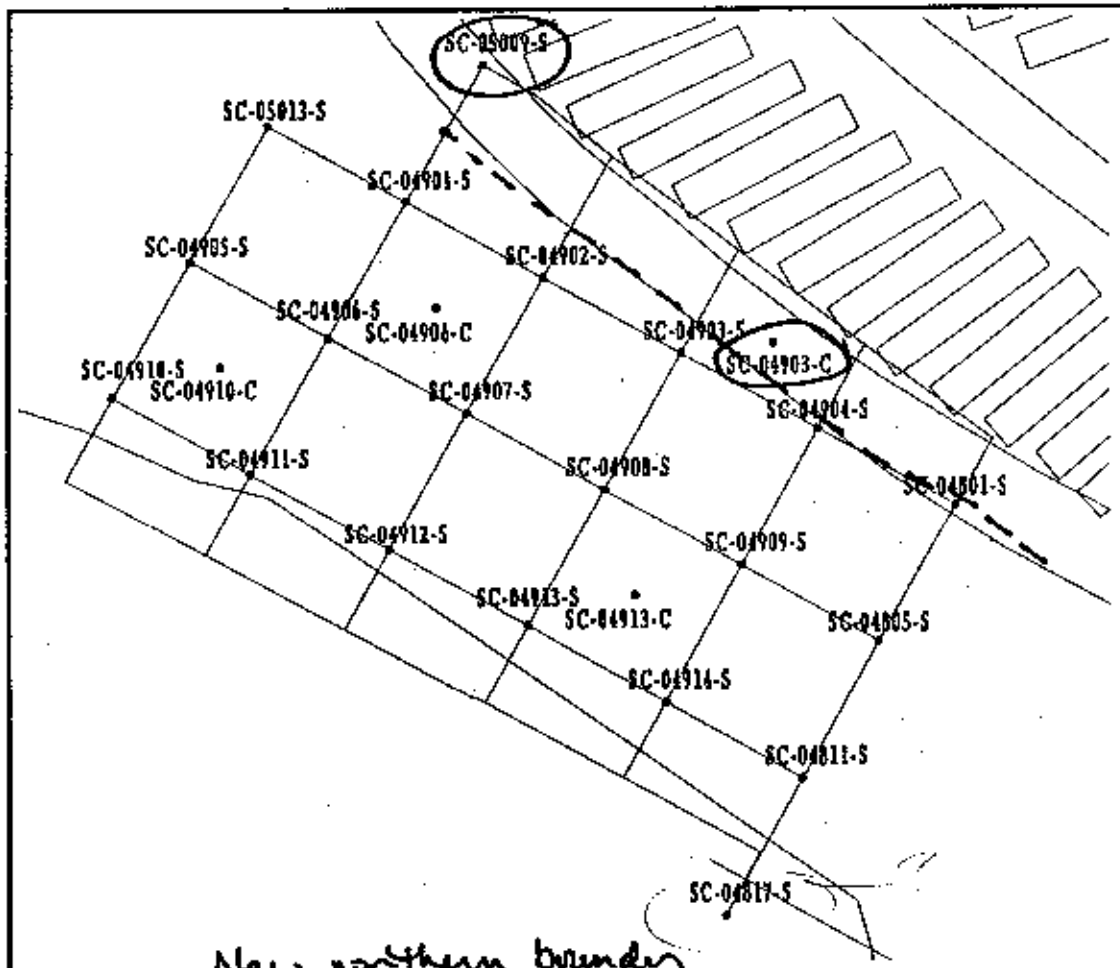
11. Reviewer: Mel H. Lisby Date: 6/28/96

12. Reviewer Disposition Recommendation:
X Release for Unrestricted Use (Section II)
___ Additional Excavation Required (Section IV)
___ ALARA Committee Required (Section III)

SECTION II *Results are ALARA. CU is released for unrestricted use.*

14. ES&H Manager: [signature] Date: 7/1/96
15. DOE Project Manager/Engineer: Thomas C. Darling Date: 7/1/96
16. Project Manager: [signature] Date: 7/1/96
17. Construction Engineer: [signature] Date: 7-1-96

SEE ATTACHED RESULTS AND MAP



--- New northern boundary of RU006 CU049

10 5 0 10 METERS

30 15 0 30 FEET

Review Form 96-021
06/28/96

Sample Locations in Remedial Unit RU006 Confirmation Unit CU049

Figure B-30

EXHIBIT NO.: A/CP/112/1295		REPORT NO.: DOE/OR/21548-590	
ORIGINATOR: MGL	DRAWN BY: WSSRAP GIS	DATE: 3/96	

Confirmation Unit 49 Results

SAMPLE ID	CONC.	UNITS	REQUEST #
U238 (Avg = 2.12 pCi/g)			
SC-04901-S	ND (<3.95)	PCI/G	WP092
SC-04902-S	ND (<4.00)	PCI/G	WP094
SC-04903-S	ND (<4.18)	PCI/G	WP094
SC-04904-S	ND (<2.95)	PCI/G	WP094
SC-04905-S	ND (<3.18)	PCI/G	WP092
SC-04906-S	2.46	PCI/G	WP094
SC-04906-C	3.28	PCI/G	WP094
SC-04907-S	ND (<3.86)	PCI/G	WP094
SC-04908-S	ND (<2.96)	PCI/G	WP094
SC-04909-S	ND (<4.01)	PCI/G	WP094
SC-04910-S	ND (<3.95)	PCI/G	WP092
SC-04910-C	ND (<3.82)	PCI/G	WP094
SC-04911-S	ND (<3.17)	PCI/G	WP094
SC-04912-S	ND (<3.24)	PCI/G	WP094
SC-04913-S	2.36	PCI/G	WP094
SC-04913-C	ND (<4.05)	PCI/G	WP094
SC-04914-S	ND (<4.27)	PCI/G	WP094
SC-04801-S	ND (<4.07)	PCI/G	WP094
SC-04805-S	ND (<3.80)	PCI/G	WP094
SC-04811-S	ND (<3.23)	PCI/G	WP094
SC-05013-S	5.07	PCI/G	WP092

Note: SC-05009-S and SC-04903-C (located along the road just south of the ASA) were not collected. The boundaries of RU006CU049 have been changed and no longer include these locations. This area will be confirmed as part of WP437 activities. The dashed line shows the approximate location of the new northern boundary. An IOC will be issued documenting the coordinates of the revised northern boundary of RU006CU049.

Weldon Spring Site Remedial Action Project
7295 Highway 94 South, St. Charles, Missouri, 63304

ES&H 1.2.1.1, Rev. 1, 03/96

SOIL CONFIRMATION REMEDIATION DISPOSITION FORM

SECTION I

1. Work Package Number: WP420 2. Date: 06/28/96 3. Review Form #: 96-022

4. Remediation Unit Number: RU006 5. Confirmation Unit Number: CU05D (map attached)

6. Contaminants of Concern: X U-238 ____ Th-230 ____ Th-232 X Ra-226 X Ra-228
____ TNT ____ PCB ____ PAH ____ As ____ Cr ____ Pb ____ Tl

7. Results average below ALARA goal(s)?	X Yes ____ No
8. All results below cleanup criteria?	X Yes ____ No
9. Any results greater than 3X criteria?	____ Yes X No
10. Hotspots present (less than 3X criteria)?	____ Yes X No

Parameter	Size	Concentration	Complies with Plan?
/			____ Yes ____ No
			____ Yes ____ No
N/A			____ Yes ____ No
/			____ Yes ____ No

11. Reviewer: Mel A Lutz Date: 6/28/96

12. Reviewer Disposition Recommendation: X Release for Unrestricted Use (Section II)
____ Additional Excavation Required (Section IV)
____ ALARA Committee Required (Section III)

SECTION II ***Results are ALARA. CU is released for unrestricted use.***

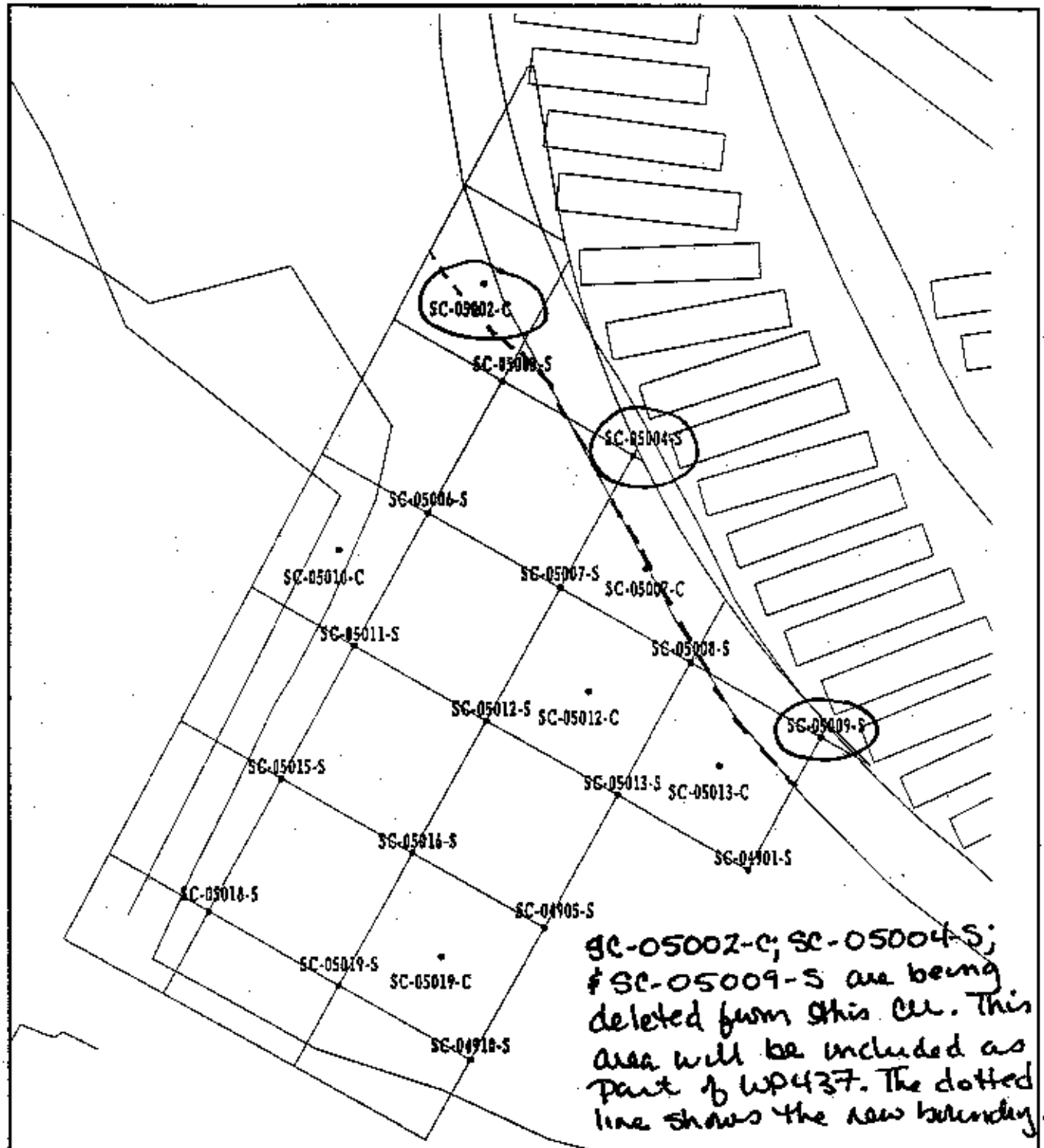
14. ES&H Manager: [signature] Date: 7/1/96

15. DOE Project Manager/Engineer: Thomas C. Pauly Date: 7/1/96

16. Project Manager: [signature] Date: 7/1/96

17. Construction Engineer: Darrell L. Cayce Date: 7-1-96

SEE ATTACHED RESULTS AND MAP



SC-05002-C; SC-05004-S; & SC-05009-S are being deleted from this CU. This area will be included as part of WP437. The dotted line shows the new boundary.

Review From 96-022

10 5 0 METERS

30 15 0 FEET

Sample Locations in Remedial Unit RU006 Confirmation Unit CU050

Figure B-31

EXHIBIT NO.: A/CP/113/1295	REPORT NO.: DOE/OR/21548-590	
ORIGINATOR: MGL	DRAWN BY: WSSRAP GIS	DATE: 3/96

Confirmation Unit 50 Results

SAMPLE ID	CONC.	UNITS	REQUEST #
U238 (Avg = ~~3.04~~ 2.89 pCi/g) mtk 5-21-97			
SC-05003-S	ND (<2.92)	PCI/G	WP094
SC-05006-S	ND (<3.07)	PCI/G	WP092
SC-05007-S	ND (<3.10)	PCI/G	WP092
SC-05007-C	3.33	PCI/G	WP094
SC-05008-S	4.25	PCI/G	WP094
SC-05010-C	ND (<4.07)	PCI/G	WP092
SC-05011-S	ND (<3.12)	PCI/G	WP092
SC-05012-C	5.01	PCI/G	WP092
SC-05012-S	12.23	PCI/G	WP092
SC-05013-C	ND (<4.41)	PCI/G	WP092
SC-05013-S	5.07	PCI/G	WP092
SC-05015-S	ND (4.14)	PCI/G	WP092
SC-05016-S	ND (<2.86)	PCI/G	WP092
SC-05018-S	ND (<4.23)	PCI/G	WP092
SC-05019-C	ND (<4.01)	PCI/G	WP092
SC-05019-S	ND (<2.96)	PCI/G	WP092
SC-04901-S	ND (<3.95)	PCI/G	WP092
SC-04905-S	ND (<3.18)	PCI/G	WP092
SC-04910-S	ND (<3.95)	PCI/G	WP092
Radium 226 (Avg = 2.51 pCi/g)			
SC-05012-C	2.47	PCI/G	WP092
SC-05013-C	2.32	PCI/G	WP092
SC-05007-C	2.79	PCI/G	WP094
SC-0008-S	2.47	PCI/G	WP094
Radium 228 (Avg = 1.09 pCi/g)			
SC-05012-C	1.31	PCI/G	WP092
SC-05013-C	ND (<1.37)	PCI/G	WP092
SC-05007-C	1.14	PCI/G	WP094
SC-0008-S	1.22	PCI/G	WP094

Note: SC-05002-C, SC-05004-S, and SC-05009-S (located along the road just south of the ASA) were not collected. The boundaries of RU006CU050 have been changed and no longer include these locations. This area will be confirmed as part of WP437 activities. The dashed line shows the approximate location of the new northern boundary. An IOC will be issued documenting the coordinates of the revised northern boundary of RU006CU050.

APPENDIX D

Analytical Data

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-02001-S	ARSENIC	5.30		0.47	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7580-1	*	LK0447.0	8/5/96	0000029196	8/1/96
SC-02001-S	URANIUM-238	ND		4.06	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2957		WP0108.0	8/5/96	0000029196	8/1/96
SC-02001-U	AROCLOR-1248	ND		15.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7580-27		LK0447.0	8/5/96	0000029202	8/1/96
SC-02001-U	AROCLOR-1254	ND		15.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7580-27		LK0447.0	8/5/96	0000029202	8/1/96
SC-02001-U	AROCLOR-1260	9.60		15.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7580-27	J	LK0447.0	8/5/96	0000029202	8/1/96
SC-02001-U	ARSENIC	7.10		0.48	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7580-2	*	LK0447.0	8/5/96	0000029202	8/1/96
SC-02001-U	CHROMIUM	26.80		0.24	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7580-2		LK0447.0	8/5/96	0000029202	8/1/96
SC-02001-U	LEAD	21.80		0.24	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7580-2	N*	LK0447.0	8/5/96	0000029202	8/1/96
SC-02001-U	RADIUM-228	1.24	0.09	0.30	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2958		WP0108.0	8/5/96	0000029202	8/1/96
SC-02001-U	RADIUM-226	0.97	0.13	0.46	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2958		WP0108.0	8/5/96	0000029202	8/1/96
SC-02001-U	THORIUM-230	1.16	0.22	0.05	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7580-41		LK0447.0	8/7/96	0000029202	8/1/96
SC-02001-U	URANIUM-238	ND		2.99	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2958		WP0108.0	8/5/96	0000029202	8/1/96
SC-02002-S	ARSENIC	4.70		0.50	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7580-3	*	LK0447.0	8/5/96	0000023824	8/1/96
SC-02002-S	URANIUM-238	ND		3.77	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2958		WP0108.0	8/5/96	0000023824	8/1/96
SC-02002-U	AROCLOR-1248	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7580-28		LK0447.0	8/5/96	0000029203	8/1/96
SC-02002-U	AROCLOR-1254	48.00		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7580-28		LK0447.0	8/7/96	0000029203	8/1/96
SC-02002-U	AROCLOR-1260	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7580-28		LK0447.0	8/5/96	0000029203	8/1/96
SC-02002-U	ARSENIC	6.80		0.48	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7580-5	*	LK0447.0	8/5/96	0000029203	8/1/96
SC-02002-U	CHROMIUM	27.80		0.24	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7580-5		LK0447.0	8/5/96	0000029203	8/1/96
SC-02002-U	LEAD	12.10		0.24	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7580-5	N*	LK0447.0	8/5/96	0000029203	8/1/96
SC-02002-U	RADIUM-226	1.27	0.10	0.29	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2961		WP0108.0	8/5/96	0000029203	8/1/96
SC-02002-U	RADIUM-228	1.25	0.14	0.42	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2961		WP0108.0	8/5/96	0000029203	8/1/96
SC-02002-U	THORIUM-230	1.23	0.24	0.05	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7580-42		LK0447.0	8/7/96	0000029203	8/1/96
SC-02002-U	URANIUM-238	3.16	0.68	2.22	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2961		WP0108.0	8/5/96	0000029203	8/1/96
SC-02003-S	ARSENIC	6.80		0.46	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7580-6	*	LK0447.0	8/5/96	0000029199	8/1/96
SC-02003-S	URANIUM-238	3.18	1.52	2.81	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2962		WP0108.0	8/5/96	0000029199	8/1/96
SC-02003-U	AROCLOR-1248	ND		13.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7580-29		LK0447.0	8/5/96	0000029204	8/1/96
SC-02003-U	AROCLOR-1254	ND		13.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7580-29		LK0447.0	8/5/96	0000029204	8/1/96
SC-02003-U	AROCLOR-1260	ND		13.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7580-29		LK0447.0	8/5/96	0000029204	8/1/96
SC-02003-U	ARSENIC	6.00		0.48	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7580-7	*	LK0447.0	8/5/96	0000029204	8/1/96
SC-02003-U	CHROMIUM	27.90		0.24	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7580-7		LK0447.0	8/5/96	0000029204	8/1/96
SC-02003-U	LEAD	14.50		0.24	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7580-7	N*	LK0447.0	8/5/96	0000029204	8/1/96
SC-02003-U	RADIUM-226	1.30	0.10	0.27	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2963		WP0108.0	8/5/96	0000029204	8/1/96
SC-02003-U	RADIUM-228	1.26	0.13	0.49	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2963		WP0108.0	8/5/96	0000029204	8/1/96
SC-02003-U	THORIUM-230	1.16	0.26	0.09	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7580-43		LK0447.0	8/7/96	0000029204	8/1/96
SC-02003-U	URANIUM-238	ND		3.05	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2963		WP0108.0	8/5/96	0000029204	8/1/96
SC-02004-S	ARSENIC	6.70		0.50	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7580-8	*	LK0447.0	8/5/96	0000023825	8/1/96
SC-02004-S	URANIUM-238	ND		3.91	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2964		WP0108.0	8/5/96	0000023825	8/1/96
SC-02004-U	AROCLOR-1248	ND		13.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7580-30		LK0447.0	8/5/96	0000029205	8/1/96
SC-02004-U	AROCLOR-1254	15.00		13.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7580-30	J	LK0447.0	8/7/96	0000029205	8/1/96
SC-02004-U	AROCLOR-1260	ND		13.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7580-30		LK0447.0	8/5/96	0000029205	8/1/96
SC-02004-U	ARSENIC	6.10		0.46	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7580-9	*	LK0447.0	8/5/96	0000029205	8/1/96
SC-02004-U	CHROMIUM	26.00		0.24	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7580-9		LK0447.0	8/5/96	0000029205	8/1/96
SC-02004-U	LEAD	14.00		0.24	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7580-9	N*	LK0447.0	8/5/96	0000029205	8/1/96
SC-02004-U	RADIUM-226	1.25	0.09	0.25	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2965		WP0108.0	8/9/96	0000029205	8/1/96
SC-02004-U	RADIUM-228	1.55	0.15	0.43	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2965		WP0108.0	8/9/96	0000029205	8/1/96
SC-02004-U	THORIUM-230	1.05	0.20	0.05	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7580-44		LK0447.0	8/7/96	0000029205	8/1/96
SC-02004-U	URANIUM-238	3.13	0.70	2.40	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2965		WP0108.0	8/9/96	0000029205	8/1/96
SC-02005-S	ARSENIC	5.20		0.45	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7580-10	*	LK0447.0	8/5/96	0000023826	8/1/96
SC-02005-S	URANIUM-238	ND		4.19	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2966		WP0108.0	8/5/96	0000023826	8/1/96
SC-02006-S	ARSENIC	6.00		0.47	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7580-11	*	LK0447.0	8/5/96	0000029200	8/1/96
SC-02006-S	URANIUM-238	ND		3.26	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2967		WP0108.0	8/5/96	0000029200	8/1/96
SC-02007-S	ARSENIC	7.60		0.49	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7580-12	*	LK0447.0	8/5/96	0000029201	8/1/96
SC-02007-S	URANIUM-238	5.28	1.25	3.05	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2968		WP0108.0	8/5/96	0000029201	8/1/96
SC-02008-S	URANIUM-238	5.28	1.03	3.67	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2969		WP0108.0	8/5/96	0000023833	8/1/96
SC-02009-S	URANIUM-238	4.40	1.15	2.99	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2970		WP0108.0	8/6/96	0000023834	8/1/96
SC-02010-S	URANIUM-238	ND		3.13	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2971		WP0108.0	8/6/96	0000023835	8/1/96
SC-02011-S	URANIUM-238	12.00	1.80	3.51	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2972		WP0108.0	8/6/96	0000023836	8/1/96
SC-02012-S	URANIUM-238	ND		3.15	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2973		WP0108.0	8/6/96	0000023837	8/1/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-02013-S	URANIUM-238	ND		3.80	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2974		WP0108.0	8/6/96	0000023838	8/1/96
SC-02014-C	ARSENIC	3.50		0.51	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7580-13	*	LK0447.0	8/5/96	0000027181	8/1/96
SC-02014-S	URANIUM-238	ND		2.91	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2975		WP0108.0	8/6/96	0000023839	8/1/96
SC-02015-C	ARSENIC	4.50		0.50	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7580-14	*	LK0447.0	8/5/96	0000027184	8/1/96
SC-02015-S	URANIUM-238	ND		4.11	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2976		WP0108.0	8/6/96	0000023840	8/1/96
SC-02016-S	URANIUM-238	ND		2.86	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2977		WP0108.0	8/6/96	0000023841	8/1/96
SC-02017-S	ARSENIC	5.90		0.48	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7580-15	*	LK0447.0	8/5/96	0000023827	8/1/96
SC-02017-S	URANIUM-238	3.74	1.15	3.20	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2978		WP0108.0	8/6/96	0000023827	8/1/96
SC-02018-S	AROCLOR-1248	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11706001	U	QT1432.0	8/3/96	0000023828	8/1/96
SC-02018-S	AROCLOR-1254	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11706001	U	QT1432.0	8/3/96	0000023828	8/1/96
SC-02018-S	AROCLOR-1260	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11706001	U	QT1432.0	8/3/96	0000023828	8/1/96
SC-02018-S	ARSENIC	11.80		0.47	UG/G	*		EPA CLP	SOIL	METALS	1.00	11706001		QT1432.0	8/2/96	0000023828	8/1/96
SC-02018-S	CHROMIUM	14.80		0.54	UG/G	*		EPA CLP	SOIL	METALS	1.00	11706001		QT1432.0	8/2/96	0000023828	8/1/96
SC-02018-S	LEAD	16.10		0.33	UG/G	*		EPA CLP	SOIL	METALS	1.00	11706001		QT1432.0	8/2/96	0000023828	8/1/96
SC-02018-S	RADIUM-226	1.50	0.13	0.34	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2932		WP0107.0	9/5/96	0000023828	8/1/96
SC-02018-S	RADIUM-228	ND		1.36	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2932		WP0107.0	9/5/96	0000023828	8/1/96
SC-02018-S	THORIUM-230	1.21	0.18	0.04	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7588-1		LK0445.0	8/6/96	0000023828	8/1/96
SC-02018-S	URANIUM-238	ND		4.28	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2932		WP0107.0	9/5/96	0000023828	8/1/96
SC-02019-C	AROCLOR-1248	ND		18.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7580-31		LK0447.0	8/5/96	0000027185	8/1/96
SC-02019-C	AROCLOR-1254	ND		18.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7580-31		LK0447.0	8/5/96	0000027185	8/1/96
SC-02019-C	AROCLOR-1260	ND		18.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7580-31		LK0447.0	8/5/96	0000027185	8/1/96
SC-02019-C	ARSENIC	1.30		0.55	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7580-16	B	LK0447.0	8/5/96	0000027185	8/1/96
SC-02019-C	CHROMIUM	20.80		0.27	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7580-16		LK0447.0	8/5/96	0000027185	8/1/96
SC-02019-C	LEAD	15.20		0.27	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7580-16		LK0447.0	8/5/96	0000027185	8/1/96
SC-02019-C	RADIUM-226	0.94	0.08	0.20	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2979		WP0108.0	9/6/96	0000027185	8/1/96
SC-02019-C	RADIUM-228	1.16	0.13	0.40	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2979		WP0108.0	9/6/96	0000027185	8/1/96
SC-02019-C	THORIUM-230	0.74	0.17	0.05	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7580-45		LK0447.0	8/7/96	0000027185	8/1/96
SC-02019-C	URANIUM-238	ND		3.10	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2979		WP0108.0	9/9/96	0000027185	8/1/96
SC-02019-S	AROCLOR-1248	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11706002	U	QT1432.0	8/3/96	0000023842	8/1/96
SC-02019-S	AROCLOR-1254	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11706002	U	QT1432.0	8/3/96	0000023842	8/1/96
SC-02019-S	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11706002	U	QT1432.0	8/3/96	0000023842	8/1/96
SC-02019-S	ARSENIC	15.30		0.49	UG/G	*		EPA CLP	SOIL	METALS	1.00	11706002		QT1432.0	8/2/96	0000023842	8/1/96
SC-02019-S	CHROMIUM	12.90		0.56	UG/G	*		EPA CLP	SOIL	METALS	1.00	11706002		QT1432.0	8/2/96	0000023842	8/1/96
SC-02019-S	LEAD	11.20		0.34	UG/G	*		EPA CLP	SOIL	METALS	1.00	11706002		QT1432.0	8/2/96	0000023842	8/1/96
SC-02019-S	RADIUM-226	0.68	0.08	0.25	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2933		WP0107.0	9/5/96	0000023842	8/1/96
SC-02019-S	RADIUM-228	0.83	0.11	0.42	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2933		WP0107.0	9/5/96	0000023842	8/1/96
SC-02019-S	THORIUM-230	0.88	0.14	0.03	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7588-2		LK0445.0	8/6/96	0000023842	8/1/96
SC-02019-S	URANIUM-238	ND		2.69	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2933		WP0107.0	9/5/96	0000023842	8/1/96
SC-02020-C	AROCLOR-1248	ND		15.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7580-32		LK0447.0	8/5/96	0000027186	8/1/96
SC-02020-C	AROCLOR-1254	ND		15.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7580-32		LK0447.0	8/5/96	0000027186	8/1/96
SC-02020-C	AROCLOR-1260	ND		15.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7580-32		LK0447.0	8/5/96	0000027186	8/1/96
SC-02020-C	ARSENIC	0.97		0.45	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7580-17	*	LK0447.0	8/5/96	0000027186	8/1/96
SC-02020-C	CHROMIUM	21.30		0.22	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7580-17		LK0447.0	8/5/96	0000027186	8/1/96
SC-02020-C	LEAD	11.00		0.22	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7580-17	N*	LK0447.0	8/5/96	0000027186	8/1/96
SC-02020-C	RADIUM-226	1.15	0.11	0.30	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2980		WP0108.0	9/9/96	0000027186	8/1/96
SC-02020-C	RADIUM-228	1.66	0.21	0.81	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2980		WP0108.0	9/9/96	0000027186	8/1/96
SC-02020-C	THORIUM-230	1.06	0.20	0.04	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7580-46		LK0447.0	8/7/96	0000027186	8/1/96
SC-02020-C	URANIUM-238	ND		3.94	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2980		WP0108.0	9/9/96	0000027186	8/1/96
SC-02020-S	AROCLOR-1248	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11706003	U	QT1432.0	8/3/96	0000023843	8/1/96
SC-02020-S	AROCLOR-1254	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11706003	U	QT1432.0	8/3/96	0000023843	8/1/96
SC-02020-S	AROCLOR-1260	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11706003	U	QT1432.0	8/3/96	0000023843	8/1/96
SC-02020-S	ARSENIC	21.10		0.50	UG/G	*		EPA CLP	SOIL	METALS	1.00	11706003		QT1432.0	8/2/96	0000023843	8/1/96
SC-02020-S	CHROMIUM	14.20		0.57	UG/G	*		EPA CLP	SOIL	METALS	1.00	11706003		QT1432.0	8/2/96	0000023843	8/1/96
SC-02020-S	LEAD	12.80		0.35	UG/G	*		EPA CLP	SOIL	METALS	1.00	11706003		QT1432.0	8/2/96	0000023843	8/1/96
SC-02020-S	RADIUM-226	1.03	0.11	0.24	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2934		WP0107.0	9/5/96	0000023843	8/1/96
SC-02020-S	RADIUM-228	1.45	0.19	0.54	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2934		WP0107.0	9/5/96	0000023843	8/1/96
SC-02020-S	THORIUM-230	1.08	0.16	0.04	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7588-3		LK0445.0	8/6/96	0000023843	8/1/96
SC-02020-S	URANIUM-238	ND		3.83	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2934		WP0107.0	9/5/96	0000023843	8/1/96
SC-02021-C	ARSENIC	5.50		0.48	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7580-18	*	LK0447.0	8/5/96	0000029196	8/1/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-02021-S	ARSENIC	6.70		0.50	UG/G			EPA CLP	SOIL	METALS	1.00	11706015		QT1432.0	8/2/96	0000023844	8/1/96
SC-02021-S	URANIUM-238	ND		3.23	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2935		WP0107.0	8/5/96	0000023844	8/1/96
SC-02022-S	ARSENIC	4.20		0.49	UG/G			EPA CLP	SOIL	METALS	1.00	11706016		QT1432.0	8/2/96	0000023829	8/1/96
SC-02022-S	URANIUM-238	ND		4.51	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2936		WP0107.0	8/5/96	0000023829	8/1/96
SC-02023-S	URANIUM-238	14.70	1.77	3.28	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2937		WP0107.0	8/5/96	0000023830	8/1/96
SC-02024-S	URANIUM-238	4.95	1.28	3.37	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2938		WP0107.0	8/5/96	0000023845	8/1/96
SC-02101-S	AROCLOR-1248	ND		41.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11706004	U	QT1432.0	8/3/96	0000023857	8/1/96
SC-02101-S	AROCLOR-1254	ND		41.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11706004	U	QT1432.0	8/3/96	0000023857	8/1/96
SC-02101-S	AROCLOR-1260	ND		41.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11706004	U	QT1432.0	8/3/96	0000023857	8/1/96
SC-02101-S	ARSENIC	9.60		0.48	UG/G			EPA CLP	SOIL	METALS	1.00	11706004		QT1432.0	8/2/96	0000023857	8/1/96
SC-02101-S	CHROMIUM	17.80		0.57	UG/G			EPA CLP	SOIL	METALS	1.00	11706004		QT1432.0	8/2/96	0000023857	8/1/96
SC-02101-S	LEAD	14.90		0.34	UG/G			EPA CLP	SOIL	METALS	1.00	11706004		QT1432.0	8/2/96	0000023857	8/1/96
SC-02101-S	RADIUM-226	1.23	0.10	0.27	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2939		WP0107.0	8/5/96	0000023857	8/1/96
SC-02101-S	RADIUM-228	1.15	0.14	0.55	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2939		WP0107.0	8/5/96	0000023857	8/1/96
SC-02101-S	THORIUM-230	1.09	0.17	0.04	PCI/G			EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7568-4		LK0445.0	8/6/96	0000023857	8/1/96
SC-02101-S	URANIUM-238	3.76	0.78	2.36	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2939		WP0107.0	8/5/96	0000023857	8/1/96
SC-02101-U	AROCLOR-1248	ND		16.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7580-33		LK0447.0	8/5/96	0000029209	8/1/96
SC-02101-U	AROCLOR-1254	20.00		16.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	L7580-33	J	LK0447.0	8/7/96	0000029209	8/1/96
SC-02101-U	AROCLOR-1260	ND		16.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7580-33		LK0447.0	8/5/96	0000029209	8/1/96
SC-02101-U	ARSENIC	9.80		0.52	UG/G			EPA 6020	SOIL	METALS	1.00	L7580-19	*	LK0447.0	8/5/96	0000029209	8/1/96
SC-02101-U	CHROMIUM	29.20		0.28	UG/G			EPA 6020	SOIL	METALS	1.00	L7580-19		LK0447.0	8/5/96	0000029209	8/1/96
SC-02101-U	LEAD	18.10		0.26	UG/G			EPA 6020	SOIL	METALS	1.00	L7580-19	N*	LK0447.0	8/5/96	0000029209	8/1/96
SC-02101-U	RADIUM-226	1.28	0.10	0.38	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2881		WP0108.0	9/9/96	0000029209	8/1/96
SC-02101-U	RADIUM-228	1.09	0.14	0.47	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2881		WP0108.0	9/9/96	0000029209	8/1/96
SC-02101-U	THORIUM-230	1.21	0.20	0.04	PCI/G			EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7580-47		LK0447.0	8/7/96	0000029209	8/1/96
SC-02101-U	URANIUM-238	4.47	0.83	2.59	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2881		WP0108.0	9/9/96	0000029209	8/1/96
SC-02102-S	AROCLOR-1248	ND		42.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11706005	U	QT1432.0	8/3/96	0000023858	8/1/96
SC-02102-S	AROCLOR-1254	ND		42.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11706005	U	QT1432.0	8/3/96	0000023858	8/1/96
SC-02102-S	AROCLOR-1260	ND		42.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11706005	U	QT1432.0	8/3/96	0000023858	8/1/96
SC-02102-S	ARSENIC	6.80		0.50	UG/G			EPA CLP	SOIL	METALS	1.00	11706005		QT1432.0	8/2/96	0000023858	8/1/96
SC-02102-S	CHROMIUM	14.80		0.58	UG/G			EPA CLP	SOIL	METALS	1.00	11706005		QT1432.0	8/2/96	0000023858	8/1/96
SC-02102-S	LEAD	13.90		0.35	UG/G			EPA CLP	SOIL	METALS	1.00	11706005		QT1432.0	8/2/96	0000023858	8/1/96
SC-02102-S	RADIUM-226	1.42	0.14	0.36	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2940		WP0107.0	8/5/96	0000023858	8/1/96
SC-02102-S	RADIUM-228	1.58	0.19	0.60	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2940		WP0107.0	8/5/96	0000023858	8/1/96
SC-02102-S	THORIUM-230	0.99	0.16	0.04	PCI/G			EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7568-5		LK0445.0	8/6/96	0000023858	8/1/96
SC-02102-S	URANIUM-238	ND		4.90	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2940		WP0107.0	8/5/96	0000023858	8/1/96
SC-02102-U	AROCLOR-1248	ND		16.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7580-34		LK0447.0	8/5/96	0000029208	8/1/96
SC-02102-U	AROCLOR-1254	ND		16.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7580-34		LK0447.0	8/5/96	0000029208	8/1/96
SC-02102-U	AROCLOR-1260	ND		16.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7580-34		LK0447.0	8/5/96	0000029208	8/1/96
SC-02102-U	ARSENIC	5.80		0.51	UG/G			EPA 6020	SOIL	METALS	1.00	L7580-20	*	LK0447.0	8/5/96	0000029208	8/1/96
SC-02102-U	CHROMIUM	28.00		0.26	UG/G			EPA 6020	SOIL	METALS	1.00	L7580-20		LK0447.0	8/5/96	0000029208	8/1/96
SC-02102-U	LEAD	15.60		0.25	UG/G			EPA 6020	SOIL	METALS	1.00	L7580-20	N*	LK0447.0	8/5/96	0000029208	8/1/96
SC-02102-U	RADIUM-226	1.56	0.13	0.37	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2982		WP0108.0	9/9/96	0000029208	8/1/96
SC-02102-U	RADIUM-228	1.45	0.19	0.74	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2982		WP0108.0	9/9/96	0000029208	8/1/96
SC-02102-U	THORIUM-230	1.27	0.23	0.05	PCI/G			EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7580-48		LK0447.0	8/7/96	0000029208	8/1/96
SC-02102-U	URANIUM-238	ND		4.12	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2982		WP0108.0	9/9/96	0000029208	8/1/96
SC-02102-U-RS01	URANIUM-238	196.00	13.60	7.34	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3315		WP0118.0	9/15/96	0000029419	9/13/96
SC-02103-C	AROCLOR-1248	ND		40.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11706007	U	QT1432.0	8/3/96	0000023860	8/1/96
SC-02103-C	AROCLOR-1254	ND		40.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11706007	U	QT1432.0	8/3/96	0000023860	8/1/96
SC-02103-C	AROCLOR-1260	ND		40.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11706007	U	QT1432.0	8/3/96	0000023860	8/1/96
SC-02103-C	ARSENIC	5.70		0.48	UG/G			EPA CLP	SOIL	METALS	1.00	11706007		QT1432.0	8/2/96	0000023860	8/1/96
SC-02103-C	CHROMIUM	13.60		0.55	UG/G			EPA CLP	SOIL	METALS	1.00	11706007		QT1432.0	8/2/96	0000023860	8/1/96
SC-02103-C	LEAD	14.80		0.33	UG/G			EPA CLP	SOIL	METALS	1.00	11706007		QT1432.0	8/2/96	0000023860	8/1/96
SC-02103-C	RADIUM-226	1.30	0.10	0.31	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2942		WP0107.0	9/5/96	0000023860	8/1/96
SC-02103-C	RADIUM-228	1.31	0.14	0.50	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2942		WP0107.0	9/5/96	0000023860	8/1/96
SC-02103-C	THORIUM-230	1.10	0.17	0.04	PCI/G			EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7568-7		LK0445.0	8/6/96	0000023860	8/1/96
SC-02103-C	URANIUM-238	ND		3.18	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2942		WP0107.0	9/5/96	0000023860	8/1/96
SC-02103-S	AROCLOR-1248	ND		40.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11706008	U	QT1432.0	8/3/96	0000023859	8/1/96
SC-02103-S	AROCLOR-1254	ND		40.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11706008	U	QT1432.0	8/3/96	0000023859	8/1/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-02103-S	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11706008	U	QT1432.0	8/3/96	0000023859	8/1/96
SC-02103-S	ARSENIC	5.90		0.49	UG/G	*		EPA CLP	SOIL	METALS	1.00	11706008		QT1432.0	8/2/96	0000023859	8/1/96
SC-02103-S	CHROMIUM	14.00		0.56	UG/G	*		EPA CLP	SOIL	METALS	1.00	11706008		QT1432.0	8/2/96	0000023859	8/1/96
SC-02103-S	LEAD	10.80		0.34	UG/G	*		EPA CLP	SOIL	METALS	1.00	11706008		QT1432.0	8/2/96	0000023859	8/1/96
SC-02103-S	RADIUM-226	0.96	0.11	0.45	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2943		WP0107.0	8/5/96	0000023859	8/1/96
SC-02103-S	RADIUM-228	1.34	0.18	0.72	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2943		WP0107.0	8/5/96	0000023859	8/1/96
SC-02103-S	THORIUM-230	1.02	0.17	0.04	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7568-8		LK0445.0	8/6/96	0000023859	8/1/96
SC-02103-S	URANIUM-238	2.88	0.96	2.72	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2943		WP0107.0	8/5/96	0000023859	8/1/96
SC-02103-U	AROCLOR-1248	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7580-35		LK0447.0	8/4/96	0000029207	8/1/96
SC-02103-U	AROCLOR-1254	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7580-35		LK0447.0	8/4/96	0000029207	8/1/96
SC-02103-U	AROCLOR-1260	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7580-35		LK0447.0	8/4/96	0000029207	8/1/96
SC-02103-U	ARSENIC	7.60		0.49	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7580-21	*	LK0447.0	8/5/96	0000029207	8/1/96
SC-02103-U	CHROMIUM	25.70		0.25	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7580-21		LK0447.0	8/5/96	0000029207	8/1/96
SC-02103-U	LEAD	15.60		0.25	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7580-21	N*	LK0447.0	8/5/96	0000029207	8/1/96
SC-02103-U	RADIUM-226	1.17	0.09	0.24	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2983		WP0108.0	9/9/96	0000029207	8/1/96
SC-02103-U	RADIUM-228	1.08	0.15	0.47	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2983		WP0108.0	9/9/96	0000029207	8/1/96
SC-02103-U	THORIUM-230	1.30	0.23	0.04	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7560-49		LK0447.0	9/7/96	0000029207	8/1/96
SC-02103-U	URANIUM-238	5.06	0.92	2.74	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2983		WP0108.0	9/9/96	0000029207	8/1/96
SC-02104-S	AROCLOR-1248	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11706009	U	QT1432.0	8/3/96	0000023861	8/1/96
SC-02104-S	AROCLOR-1254	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11706009	U	QT1432.0	8/3/96	0000023861	8/1/96
SC-02104-S	AROCLOR-1260	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11706009	U	QT1432.0	8/3/96	0000023861	8/1/96
SC-02104-S	ARSENIC	3.80		0.48	UG/G	*		EPA CLP	SOIL	METALS	1.00	11706009		QT1432.0	8/2/96	0000023861	8/1/96
SC-02104-S	CHROMIUM	15.50		0.55	UG/G	*		EPA CLP	SOIL	METALS	1.00	11706009		QT1432.0	8/2/96	0000023861	8/1/96
SC-02104-S	LEAD	9.80		0.33	UG/G	*		EPA CLP	SOIL	METALS	1.00	11706009		QT1432.0	8/2/96	0000023861	8/1/96
SC-02104-S	RADIUM-226	1.15	0.09	0.28	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2944		WP0107.0	9/5/96	0000023861	8/1/96
SC-02104-S	RADIUM-228	1.46	0.14	0.48	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2944		WP0107.0	9/5/96	0000023861	8/1/96
SC-02104-S	THORIUM-230	1.17	0.20	0.05	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7568-9		LK0445.0	8/6/96	0000023861	8/1/96
SC-02104-S	URANIUM-238	ND		3.18	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2944		WP0107.0	8/5/96	0000023861	8/1/96
SC-02104-U	AROCLOR-1248	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7580-36		LK0447.0	8/5/96	0000029206	8/1/96
SC-02104-U	AROCLOR-1254	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7580-36		LK0447.0	8/5/96	0000029206	8/1/96
SC-02104-U	AROCLOR-1260	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7580-36		LK0447.0	8/5/96	0000029206	8/1/96
SC-02104-U	ARSENIC	6.80		0.49	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7580-22	*	LK0447.0	8/5/96	0000029206	8/1/96
SC-02104-U	CHROMIUM	20.80		0.25	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7580-22		LK0447.0	8/5/96	0000029206	8/1/96
SC-02104-U	LEAD	25.10		0.25	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7580-22	N*	LK0447.0	8/5/96	0000029206	8/1/96
SC-02104-U	RADIUM-226	1.37	0.12	0.37	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2984		WP0108.0	9/6/96	0000029206	8/1/96
SC-02104-U	RADIUM-228	1.66	0.18	0.59	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2984		WP0108.0	9/6/96	0000029206	8/1/96
SC-02104-U	THORIUM-230	1.32	0.25	0.05	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7580-50		LK0447.0	8/7/96	0000029206	8/1/96
SC-02104-U	URANIUM-238	13.20	1.69	4.67	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2984		WP0108.0	9/6/96	0000029206	8/1/96
SC-02105-S	URANIUM-238	14.60	2.22	5.13	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2945		WP0107.0	8/5/96	0000023871	8/1/96
SC-02106-S	URANIUM-238	19.20	2.16	3.64	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2946		WP0107.0	8/5/96	0000023872	8/1/96
SC-02107-S	URANIUM-238	3.48	1.11	3.78	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2947		WP0107.0	8/5/96	0000023873	8/1/96
SC-02108-S	AROCLOR-1248	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11706014	U	QT1432.0	8/3/96	0000023868	8/1/96
SC-02108-S	AROCLOR-1254	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11706014	U	QT1432.0	8/3/96	0000023868	8/1/96
SC-02108-S	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11706014	U	QT1432.0	8/3/96	0000023868	8/1/96
SC-02108-S	ARSENIC	6.60		0.48	UG/G	*		EPA CLP	SOIL	METALS	1.00	11706014		QT1432.0	8/2/96	0000023868	8/1/96
SC-02108-S	BENZO(A)ANTHRACENE	140.00		6.20	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11706014		QT1432.0	8/2/96	0000023868	8/1/96
SC-02108-S	BENZO(A)PYRENE	ND		9.10	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11706014	U	QT1432.0	8/2/96	0000023868	8/1/96
SC-02108-S	BENZO(B)FLUORANTHENE	ND		7.20	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11706014	U	QT1432.0	8/2/96	0000023868	8/1/96
SC-02108-S	BENZO(K)FLUORANTHENE	ND		6.80	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11706014	U	QT1432.0	8/2/96	0000023868	8/1/96
SC-02108-S	CHROMIUM	21.20		0.55	UG/G	*		EPA CLP	SOIL	METALS	1.00	11706014		QT1432.0	8/2/96	0000023868	8/1/96
SC-02108-S	CHRYSENE	ND		80.00	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11706014	U	QT1432.0	8/2/96	0000023868	8/1/96
SC-02108-S	INDENO(1,2,3-CD)PYRENE	ND		17.00	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11706014	U	QT1432.0	8/2/96	0000023868	8/1/96
SC-02108-S	LEAD	11.20		0.34	UG/G	*		EPA CLP	SOIL	METALS	1.00	11706014		QT1432.0	8/2/96	0000023868	8/1/96
SC-02108-S	RADIUM-226	1.43	0.10	0.34	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2948		WP0107.0	9/5/96	0000023868	8/1/96
SC-02108-S	RADIUM-228	0.99	0.13	0.48	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2948		WP0107.0	9/5/96	0000023868	8/1/96
SC-02108-S	THORIUM-230	1.02	0.17	0.04	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7568-10		LK0445.0	8/6/96	0000023868	8/1/96
SC-02108-S	URANIUM-238	ND		3.10	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2948		WP0107.0	9/5/96	0000023868	8/1/96
SC-02109-C	AROCLOR-1248	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11706010	U	QT1432.0	8/3/96	0000023867	8/1/96
SC-02109-C	AROCLOR-1254	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11706010	U	QT1432.0	8/3/96	0000023867	8/1/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-02108-C	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11706010	U	QT1432.0	8/3/96	0000023867	8/1/96
SC-02108-C	ARSENIC	6.30		0.48	UG/G	*		EPA CLP	SOIL	METALS	1.00	11706010		QT1432.0	8/2/96	0000023867	8/1/96
SC-02108-C	CHROMIUM	15.60		0.56	UG/G	*		EPA CLP	SOIL	METALS	1.00	11706010		QT1432.0	8/2/96	0000023867	8/1/96
SC-02108-C	LEAD	11.00		0.34	UG/G	*		EPA CLP	SOIL	METALS	1.00	11706010		QT1432.0	8/2/96	0000023867	8/1/96
SC-02108-C	RADIUM-226	1.26	0.12	0.42	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2949		WP0107.0	9/5/96	0000023867	8/1/96
SC-02108-C	RADIUM-228	1.30	0.16	0.62	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2949		WP0107.0	9/5/96	0000023867	8/1/96
SC-02108-C	THORIUM-230	1.21	0.17	0.03	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7568-11		LK0445.0	8/6/96	0000023867	8/1/96
SC-02108-S	AROCLOR-1248	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11706011	U	QT1432.0	8/3/96	0000023862	8/1/96
SC-02108-S	AROCLOR-1254	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11706011	U	QT1432.0	8/3/96	0000023862	8/1/96
SC-02108-S	AROCLOR-1260	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11706011	U	QT1432.0	8/3/96	0000023862	8/1/96
SC-02108-S	ARSENIC	9.40		0.51	UG/G	*		EPA CLP	SOIL	METALS	1.00	11706011		QT1432.0	8/2/96	0000023862	8/1/96
SC-02108-S	CHROMIUM	15.90		0.59	UG/G	*		EPA CLP	SOIL	METALS	1.00	11706011		QT1432.0	8/2/96	0000023862	8/1/96
SC-02108-S	LEAD	18.80		0.36	UG/G	*		EPA CLP	SOIL	METALS	1.00	11706011		QT1432.0	8/2/96	0000023862	8/1/96
SC-02108-S	RADIUM-226	1.48	0.10	0.34	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2950		WP0107.0	9/5/96	0000023862	8/1/96
SC-02108-S	RADIUM-228	1.02	0.12	0.41	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2950		WP0107.0	9/5/96	0000023862	8/1/96
SC-02108-S	THORIUM-230	1.09	0.16	0.03	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7568-12		LK0445.0	8/6/96	0000023862	8/1/96
SC-02108-S	URANIUM-238	4.23	0.84	2.87	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2950		WP0107.0	9/5/96	0000023862	8/1/96
SC-02110-S	AROCLOR-1248	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11706012	U	QT1432.0	8/3/96	0000023863	8/1/96
SC-02110-S	AROCLOR-1254	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11706012	U	QT1432.0	8/3/96	0000023863	8/1/96
SC-02110-S	AROCLOR-1260	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11706012	U	QT1432.0	8/3/96	0000023863	8/1/96
SC-02110-S	ARSENIC	8.70		0.50	UG/G	*		EPA CLP	SOIL	METALS	1.00	11706012		QT1432.0	8/2/96	0000023863	8/1/96
SC-02110-S	CHROMIUM	18.20		0.57	UG/G	*		EPA CLP	SOIL	METALS	1.00	11706012		QT1432.0	8/2/96	0000023863	8/1/96
SC-02110-S	LEAD	13.40		0.35	UG/G	*		EPA CLP	SOIL	METALS	1.00	11706012		QT1432.0	8/2/96	0000023863	8/1/96
SC-02110-S	RADIUM-226	1.36	0.13	0.30	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2951		WP0107.0	9/5/96	0000023863	8/1/96
SC-02110-S	RADIUM-228	1.27	0.17	0.56	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2951		WP0107.0	9/5/96	0000023863	8/1/96
SC-02110-S	THORIUM-230	1.09	0.17	0.03	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7568-13		LK0445.0	8/6/96	0000023863	8/1/96
SC-02110-S	URANIUM-238	1.96	0.98	3.05	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2951		WP0107.0	9/5/96	0000023863	8/1/96
SC-02111-S	AROCLOR-1248	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11706013	U	QT1432.0	8/3/96	0000023864	8/1/96
SC-02111-S	AROCLOR-1254	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11706013	U	QT1432.0	8/3/96	0000023864	8/1/96
SC-02111-S	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11706013	U	QT1432.0	8/3/96	0000023864	8/1/96
SC-02111-S	ARSENIC	10.00		0.48	UG/G	*		EPA CLP	SOIL	METALS	1.00	11706013		QT1432.0	8/2/96	0000023864	8/1/96
SC-02111-S	CHROMIUM	29.60		0.56	UG/G	*		EPA CLP	SOIL	METALS	1.00	11706013		QT1432.0	8/2/96	0000023864	8/1/96
SC-02111-S	LEAD	14.50		0.34	UG/G	*		EPA CLP	SOIL	METALS	1.00	11706013		QT1432.0	8/2/96	0000023864	8/1/96
SC-02111-S	RADIUM-226	1.48	0.13	0.45	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2952		WP0107.0	9/5/96	0000023864	8/1/96
SC-02111-S	RADIUM-228	1.30	0.17	0.57	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2952		WP0107.0	9/5/96	0000023864	8/1/96
SC-02111-S	THORIUM-230	1.08	0.16	0.03	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7568-14		LK0445.0	8/6/96	0000023864	8/1/96
SC-02111-S	URANIUM-238	ND		4.61	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2952		WP0107.0	9/5/96	0000023864	8/1/96
SC-02112-S	URANIUM-238	13.10	1.89	4.58	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2953		WP0107.0	8/5/96	0000023874	8/1/96
SC-02113-S	URANIUM-238	ND		4.19	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2954		WP0107.0	8/5/96	0000023875	8/1/96
SC-02114-S	URANIUM-238	3.02	0.74	2.63	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2955		WP0107.0	8/5/96	0000023876	8/1/96
SC-02115-S	URANIUM-238	3.24	0.84	3.84	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2956		WP0107.0	8/5/96	0000023877	8/1/96
SC-02116-S	AROCLOR-1248	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11702001	U	QT1431.0	8/2/96	0000023868	7/31/96
SC-02116-S	AROCLOR-1254	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11702001	U	QT1431.0	8/2/96	0000023868	7/31/96
SC-02116-S	AROCLOR-1260	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11702001	U	QT1431.0	8/2/96	0000023868	7/31/96
SC-02116-S	ARSENIC	7.80		0.48	UG/G	*		EPA CLP	SOIL	METALS	1.00	11702001		QT1431.0	8/2/96	0000023868	7/31/96
SC-02116-S	BENZO(A)ANTHRACENE	98.00		5.10	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11702001		QT1431.0	8/2/96	0000023868	7/31/96
SC-02116-S	BENZO(A)PYRENE	93.00		8.20	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11702001		QT1431.0	8/2/96	0000023868	7/31/96
SC-02116-S	BENZO(B)FLUORANTHENE	36.00		7.20	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11702001		QT1431.0	8/2/96	0000023868	7/31/96
SC-02116-S	BENZO(K)FLUORANTHENE	ND		5.60	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11702001	U	QT1431.0	8/2/96	0000023868	7/31/96
SC-02116-S	CHROMIUM	23.20		0.55	UG/G	*		EPA CLP	SOIL	METALS	1.00	11702001		QT1431.0	8/2/96	0000023868	7/31/96
SC-02116-S	CHRYSENE	ND		50.00	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11702001	U	QT1431.0	8/2/96	0000023868	7/31/96
SC-02116-S	INDENO(1,2,3-CD)PYRENE	ND		14.00	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11702001	U	QT1431.0	8/2/96	0000023868	7/31/96
SC-02116-S	LEAD	33.40		0.33	UG/G	*		EPA CLP	SOIL	METALS	1.00	11702001		QT1431.0	8/2/96	0000023868	7/31/96
SC-02116-S	RADIUM-226	1.20	0.10	0.29	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2904		WP0106.0	9/4/96	0000023868	7/31/96
SC-02116-S	RADIUM-228	1.03	0.13	0.43	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2904		WP0106.0	9/4/96	0000023868	7/31/96
SC-02116-S	THORIUM-230	1.06	0.18	0.04	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7569-1		LK0444.0	8/5/96	0000023868	7/31/96
SC-02116-S	URANIUM-238	ND		2.90	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2904		WP0106.0	9/4/96	0000023868	7/31/96
SC-02117-S	AROCLOR-1248	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11702005	U	QT1431.0	8/2/96	0000023865	7/31/96
SC-02117-S	AROCLOR-1254	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11702005	U	QT1431.0	8/2/96	0000023865	7/31/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-02117-S	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11702005	U	QT1431.0	8/2/96	0000023865	7/31/96
SC-02117-S	ARSENIC	7.40		0.48	UG/G	*		EPA CLP	SOIL	METALS	1.00	11702005		QT1431.0	8/2/96	0000023865	7/31/96
SC-02117-S	CHROMIUM	16.50		0.55	UG/G	*		EPA CLP	SOIL	METALS	1.00	11702005		QT1431.0	8/2/96	0000023865	7/31/96
SC-02117-S	LEAD	9.00		0.34	UG/G	*		EPA CLP	SOIL	METALS	1.00	11702005		QT1431.0	8/2/96	0000023865	7/31/96
SC-02117-S	RADIUM-226	1.44	0.13	0.41	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2905		WP0106.0	9/4/96	0000023865	7/31/96
SC-02117-S	RADIUM-228	1.19	0.16	0.52	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2905		WP0106.0	9/4/96	0000023865	7/31/96
SC-02117-S	THORIUM-230	0.98	0.16	0.04	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7569-2		LK0444.0	8/5/96	0000023865	7/31/96
SC-02117-S	URANIUM-238	ND		4.05	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2905		WP0106.0	9/4/96	0000023865	7/31/96
SC-02118-S	AROCLOR-1248	ND		38.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11702002	U	QT1431.0	8/2/96	0000023870	7/31/96
SC-02118-S	AROCLOR-1254	ND		38.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11702002	U	QT1431.0	8/2/96	0000023870	7/31/96
SC-02118-S	AROCLOR-1260	ND		38.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11702002	U	QT1431.0	8/2/96	0000023870	7/31/96
SC-02118-S	ARSENIC	10.00		0.48	UG/G	*		EPA CLP	SOIL	METALS	1.00	11702002		QT1431.0	8/2/96	0000023870	7/31/96
SC-02118-S	BENZO(A)ANTHRACENE	990.00		25.00	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	5.00	11702002		QT1431.0	8/2/96	0000023870	7/31/96
SC-02118-S	BENZO(A)PYRENE	ND		7.60	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11702002	U	QT1431.0	8/2/96	0000023870	7/31/96
SC-02118-S	BENZO(B)FLUORANTHENE	ND		6.00	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11702002	U	QT1431.0	8/2/96	0000023870	7/31/96
SC-02118-S	BENZO(K)FLUORANTHENE	ND		5.60	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11702002	U	QT1431.0	8/2/96	0000023870	7/31/96
SC-02118-S	CHROMIUM	13.70		0.53	UG/G	*		EPA CLP	SOIL	METALS	1.00	11702002		QT1431.0	8/2/96	0000023870	7/31/96
SC-02118-S	CHRYSENE	ND		50.00	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11702002	U	QT1431.0	8/2/96	0000023870	7/31/96
SC-02118-S	INDENO(1,2,3-CD)PYRENE	16.00		14.00	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11702002	U	QT1431.0	8/2/96	0000023870	7/31/96
SC-02118-S	LEAD	18.20		0.32	UG/G	*		EPA CLP	SOIL	METALS	1.00	11702002		QT1431.0	8/2/96	0000023870	7/31/96
SC-02118-S	RADIUM-226	1.47	0.12	0.29	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2908		WP0106.0	9/4/96	0000023870	7/31/96
SC-02118-S	RADIUM-228	ND		1.17	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2908		WP0106.0	9/4/96	0000023870	7/31/96
SC-02118-S	THORIUM-230	1.04	0.18	0.04	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7569-3		LK0444.0	8/5/96	0000023870	7/31/96
SC-02118-S	URANIUM-238	ND		3.92	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2908		WP0106.0	9/4/96	0000023870	7/31/96
SC-02119-S	AROCLOR-1248	ND		43.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11702006	U	QT1431.0	8/2/96	0000023866	7/31/96
SC-02119-S	AROCLOR-1254	ND		43.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11702006	U	QT1431.0	8/2/96	0000023866	7/31/96
SC-02119-S	AROCLOR-1260	ND		43.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11702006	U	QT1431.0	8/2/96	0000023866	7/31/96
SC-02119-S	ARSENIC	9.70		0.52	UG/G	*		EPA CLP	SOIL	METALS	1.00	11702006		QT1431.0	8/2/96	0000023866	7/31/96
SC-02119-S	CHROMIUM	18.50		0.59	UG/G	*		EPA CLP	SOIL	METALS	1.00	11702006		QT1431.0	8/2/96	0000023866	7/31/96
SC-02119-S	LEAD	24.20		0.36	UG/G	*		EPA CLP	SOIL	METALS	1.00	11702006		QT1431.0	8/2/96	0000023866	7/31/96
SC-02119-S	RADIUM-226	1.47	0.10	0.27	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2907		WP0106.0	9/4/96	0000023866	7/31/96
SC-02119-S	RADIUM-228	1.17	0.14	0.46	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2907		WP0106.0	9/4/96	0000023866	7/31/96
SC-02119-S	THORIUM-230	1.12	0.18	0.04	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7569-4		LK0444.0	8/5/96	0000023866	7/31/96
SC-02119-S	URANIUM-238	ND		3.26	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2907		WP0106.0	9/4/96	0000023866	7/31/96
SC-02120-S	URANIUM-238	ND		3.24	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2908		WP0106.0	9/4/96	0000023870	7/31/96
SC-02121-S	URANIUM-238	5.08	1.31	3.40	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2910		WP0106.0	9/4/96	0000023879	7/31/96
SC-02122-S	URANIUM-238	8.60	1.20	3.08	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2911		WP0106.0	9/4/96	0000023880	7/31/96
SC-02123-S	URANIUM-238	8.51	1.53	3.80	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2912		WP0106.0	9/4/96	0000023881	7/31/96
SC-02201-S	AROCLOR-1248	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11702003	U	QT1431.0	8/2/96	0000023882	7/31/96
SC-02201-S	AROCLOR-1254	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11702003	U	QT1431.0	8/2/96	0000023882	7/31/96
SC-02201-S	AROCLOR-1260	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11702003	U	QT1431.0	8/2/96	0000023882	7/31/96
SC-02201-S	ARSENIC	8.20		0.49	UG/G	*		EPA CLP	SOIL	METALS	1.00	11702003		QT1431.0	8/2/96	0000023882	7/31/96
SC-02201-S	BENZO(A)ANTHRACENE	1000.00		27.00	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	5.00	11702003		QT1431.0	8/2/96	0000023882	7/31/96
SC-02201-S	BENZO(A)PYRENE	ND		7.80	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11702003	U	QT1431.0	8/2/96	0000023882	7/31/96
SC-02201-S	BENZO(B)FLUORANTHENE	ND		5.90	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11702003	U	QT1431.0	8/2/96	0000023882	7/31/96
SC-02201-S	BENZO(K)FLUORANTHENE	ND		5.60	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11702003	U	QT1431.0	8/2/96	0000023882	7/31/96
SC-02201-S	CHROMIUM	15.20		0.57	UG/G	*		EPA CLP	SOIL	METALS	1.00	11702003		QT1431.0	8/2/96	0000023882	7/31/96
SC-02201-S	CHRYSENE	ND		49.00	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11702003	U	QT1431.0	8/2/96	0000023882	7/31/96
SC-02201-S	INDENO(1,2,3-CD)PYRENE	ND		14.00	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11702003	U	QT1431.0	8/2/96	0000023882	7/31/96
SC-02201-S	LEAD	18.20		0.35	UG/G	*		EPA CLP	SOIL	METALS	1.00	11702003		QT1431.0	8/2/96	0000023882	7/31/96
SC-02201-S	RADIUM-226	1.27	0.13	0.38	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2913		WP0106.0	9/4/96	0000023882	7/31/96
SC-02201-S	RADIUM-228	1.37	0.16	0.54	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2913		WP0106.0	9/4/96	0000023882	7/31/96
SC-02201-S	THORIUM-230	1.36	0.23	0.05	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7569-5		LK0444.0	8/5/96	0000023882	7/31/96
SC-02201-S	URANIUM-238	ND		3.85	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2913		WP0106.0	9/4/96	0000023882	7/31/96
SC-02201-U	AROCLOR-1248	ND		17.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7580-37		LK0447.0	8/5/96	0000029210	8/1/96
SC-02201-U	AROCLOR-1254	ND		17.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7580-37		LK0447.0	8/5/96	0000029210	8/1/96
SC-02201-U	AROCLOR-1260	ND		17.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7580-37		LK0447.0	8/5/96	0000029210	8/1/96
SC-02201-U	ARSENIC	8.90		0.53	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7580-23		LK0447.0	8/5/96	0000029210	8/1/96
SC-02201-U	CHROMIUM	32.30		0.26	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7580-23		LK0447.0	8/5/96	0000029210	8/1/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-02201-U	LEAD	16.00		0.26	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7580-23	N*	LK0447.0	8/5/96	0000029210	8/1/96
SC-02201-U	RADIUM-226	1.28	0.10	0.31	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2985		WP0108.0	9/9/96	0000029210	8/1/96
SC-02201-U	RADIUM-228	1.19	0.13	0.39	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2985		WP0108.0	9/9/96	0000029210	8/1/96
SC-02201-U	THORIUM-230	1.55	0.24	0.04	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7580-51		LK0447.0	8/7/96	0000029210	8/1/96
SC-02201-U	URANIUM-238	ND		3.19	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2985		WP0108.0	9/9/96	0000029210	8/1/96
SC-02202-S	AROCLOR-1248	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11702007	U	QT1431.0	8/2/96	0000023884	7/31/96
SC-02202-S	AROCLOR-1254	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11702007	U	QT1431.0	8/2/96	0000023884	7/31/96
SC-02202-S	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11702007	U	QT1431.0	8/2/96	0000023884	7/31/96
SC-02202-S	ARSENIC	6.70		0.48	UG/G	*		EPA CLP	SOIL	METALS	1.00	11702007		QT1431.0	8/2/96	0000023884	7/31/96
SC-02202-S	CHROMIUM	16.50		0.56	UG/G	*		EPA CLP	SOIL	METALS	1.00	11702007		QT1431.0	8/2/96	0000023884	7/31/96
SC-02202-S	LEAD	11.70		0.34	UG/G	*		EPA CLP	SOIL	METALS	1.00	11702007		QT1431.0	8/2/96	0000023884	7/31/96
SC-02202-S	RADIUM-226	1.44	0.10	0.33	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2914		WP0106.0	9/4/96	0000023884	7/31/96
SC-02202-S	RADIUM-228	1.36	0.13	0.48	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2914		WP0106.0	9/4/96	0000023884	7/31/96
SC-02202-S	THORIUM-230	1.13	0.22	0.05	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7569-6		LK0444.0	8/5/96	0000023884	7/31/96
SC-02202-S	URANIUM-238	ND		3.15	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2914		WP0106.0	9/4/96	0000023884	7/31/96
SC-02202-U	AROCLOR-1248	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7580-38		LK0447.0	8/5/96	0000029211	8/1/96
SC-02202-U	AROCLOR-1254	80.00		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7580-38		LK0447.0	8/7/96	0000029211	8/1/96
SC-02202-U	AROCLOR-1260	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7580-38		LK0447.0	8/5/96	0000029211	8/1/96
SC-02202-U	ARSENIC	10.40		0.50	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7580-24	*	LK0447.0	8/5/96	0000029211	8/1/96
SC-02202-U	CHROMIUM	33.50		0.25	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7580-24		LK0447.0	8/5/96	0000029211	8/1/96
SC-02202-U	LEAD	14.70		0.25	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7580-24	N*	LK0447.0	8/5/96	0000029211	8/1/96
SC-02202-U	RADIUM-226	1.47	0.13	0.39	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2986		WP0106.0	9/6/96	0000029211	8/1/96
SC-02202-U	RADIUM-228	1.25	0.17	0.60	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2986		WP0106.0	9/6/96	0000029211	8/1/96
SC-02202-U	THORIUM-230	1.21	0.21	0.04	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7580-52		LK0447.0	8/7/96	0000029211	8/1/96
SC-02202-U	URANIUM-238	ND		3.92	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2986		WP0106.0	9/6/96	0000029211	8/1/96
SC-02203-S	AROCLOR-1248	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11702008	U	QT1431.0	8/2/96	0000023885	7/31/96
SC-02203-S	AROCLOR-1254	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11702008	U	QT1431.0	8/2/96	0000023885	7/31/96
SC-02203-S	AROCLOR-1260	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11702008	U	QT1431.0	8/2/96	0000023885	7/31/96
SC-02203-S	ARSENIC	9.10		0.50	UG/G	*		EPA CLP	SOIL	METALS	1.00	11702008		QT1431.0	8/2/96	0000023885	7/31/96
SC-02203-S	CHROMIUM	15.10		0.58	UG/G	*		EPA CLP	SOIL	METALS	1.00	11702008		QT1431.0	8/2/96	0000023885	7/31/96
SC-02203-S	LEAD	16.60		0.35	UG/G	*		EPA CLP	SOIL	METALS	1.00	11702008		QT1431.0	8/2/96	0000023885	7/31/96
SC-02203-S	RADIUM-226	1.37	0.13	0.38	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2915		WP0108.0	9/4/96	0000023885	7/31/96
SC-02203-S	RADIUM-228	0.89	0.16	0.48	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2915		WP0106.0	9/4/96	0000023885	7/31/96
SC-02203-S	THORIUM-230	1.02	0.17	0.04	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7569-7		LK0444.0	8/5/96	0000023885	7/31/96
SC-02203-S	URANIUM-238	ND		4.11	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2915		WP0106.0	9/4/96	0000023885	7/31/96
SC-02203-U	AROCLOR-1248	ND		15.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7580-39		LK0447.0	8/5/96	0000029212	8/1/96
SC-02203-U	AROCLOR-1254	ND		15.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7580-39		LK0447.0	8/5/96	0000029212	8/1/96
SC-02203-U	AROCLOR-1260	ND		15.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7580-39		LK0447.0	8/5/96	0000029212	8/1/96
SC-02203-U	ARSENIC	4.60		0.47	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7580-25	*	LK0447.0	8/5/96	0000029212	8/1/96
SC-02203-U	CHROMIUM	23.20		0.23	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7580-25		LK0447.0	8/5/96	0000029212	8/1/96
SC-02203-U	LEAD	9.20		0.23	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7580-25	N*	LK0447.0	8/5/96	0000029212	8/1/96
SC-02203-U	RADIUM-226	1.24	0.12	0.40	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2987		WP0108.0	9/9/96	0000029212	8/1/96
SC-02203-U	RADIUM-228	ND		1.16	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2987		WP0106.0	9/6/96	0000029212	8/1/96
SC-02203-U	THORIUM-230	1.16	0.20	0.05	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7580-53		LK0447.0	8/7/96	0000029212	8/1/96
SC-02203-U	URANIUM-238	2.16	0.91	2.74	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2987		WP0108.0	9/9/96	0000029212	8/1/96
SC-02204-S	URANIUM-238	ND		3.94	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2916		WP0108.0	9/2/96	0000023888	7/31/96
SC-02204-U	AROCLOR-1248	ND		15.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7580-40		LK0447.0	8/5/96	0000029213	8/1/96
SC-02204-U	AROCLOR-1254	ND		15.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7580-40		LK0447.0	8/5/96	0000029213	8/1/96
SC-02204-U	AROCLOR-1260	ND		15.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7580-40		LK0447.0	8/5/96	0000029213	8/1/96
SC-02204-U	ARSENIC	9.80		0.48	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7580-26	*	LK0447.0	8/5/96	0000029213	8/1/96
SC-02204-U	CHROMIUM	31.30		0.24	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7580-26		LK0447.0	8/5/96	0000029213	8/1/96
SC-02204-U	LEAD	15.80		0.24	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7580-26	N*	LK0447.0	8/5/96	0000029213	8/1/96
SC-02204-U	RADIUM-226	1.24	0.12	0.33	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2988		WP0108.0	9/9/96	0000029213	8/1/96
SC-02204-U	RADIUM-228	1.24	0.16	0.60	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2988		WP0108.0	9/9/96	0000029213	8/1/96
SC-02204-U	THORIUM-230	1.18	0.23	0.06	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7580-54		LK0447.0	8/7/96	0000029213	8/1/96
SC-02204-U	URANIUM-238	ND		4.17	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2988		WP0108.0	9/9/96	0000029213	8/1/96
SC-02205-S	URANIUM-238	ND		3.22	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2917		WP0106.0	8/2/96	0000023889	7/31/96
SC-02206-S	URANIUM-238	ND		4.04	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2916		WP0106.0	8/2/96	0000023890	7/31/96
SC-02207-S	URANIUM-238	13.00	1.86	3.96	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2919		WP0106.0	8/2/96	0000023891	7/31/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-02208-S	URANIUM-238	3.26	0.70	1.90	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2920		WP0106.0	8/2/96	0000023892	7/31/96
SC-02208-C	URANIUM-235	2.44	0.80	3.01	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2921		WP0106.0	8/2/96	0000023893	7/31/96
SC-02209-S	AROCLOR-1248	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11702004	U	QT1431.0	8/2/96	0000023883	7/31/96
SC-02209-S	AROCLOR-1254	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11702004	U	QT1431.0	8/2/96	0000023883	7/31/96
SC-02209-S	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11702004	U	QT1431.0	8/2/96	0000023883	7/31/96
SC-02209-S	ARSENIC	8.60		0.48	UG/G	*		EPA CLP	SOIL	METALS	1.00	11702004		QT1431.0	8/2/96	0000023883	7/31/96
SC-02209-S	BENZO(A)ANTHRACENE	1500.00		52.00	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	10.00	11702004		QT1431.0	8/2/96	0000023883	7/31/96
SC-02209-S	BENZO(A)PYRENE	ND		7.80	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11702004	U	QT1431.0	8/2/96	0000023883	7/31/96
SC-02209-S	BENZO(B)FLUORANTHENE	8.70		7.30	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11702004		QT1431.0	8/2/96	0000023883	7/31/96
SC-02209-S	BENZO(K)FLUORANTHENE	ND		6.60	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11702004	U	QT1431.0	8/2/96	0000023883	7/31/96
SC-02209-S	CHROMIUM	19.20		0.55	UG/G	*		EPA CLP	SOIL	METALS	1.00	11702004		QT1431.0	8/2/96	0000023883	7/31/96
SC-02209-S	CHRYSENE	ND		50.00	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11702004	U	QT1431.0	8/2/96	0000023883	7/31/96
SC-02209-S	INDENO(1,2,3-CD)PYRENE	ND		14.00	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11702004	U	QT1431.0	8/2/96	0000023883	7/31/96
SC-02209-S	LEAD	16.80		0.34	UG/G	*		EPA CLP	SOIL	METALS	1.00	11702004		QT1431.0	8/2/96	0000023883	7/31/96
SC-02209-S	RADIUM-226	1.49	0.13	0.30	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2922		WP0106.0	8/4/96	0000023883	7/31/96
SC-02209-S	RADIUM-228	1.35	0.20	0.57	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2922		WP0106.0	8/4/96	0000023883	7/31/96
SC-02209-S	THORIUM-230	1.13	0.18	0.03	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7589-8		LK0444.0	8/5/96	0000023883	7/31/96
SC-02209-S	URANIUM-238	ND		4.15	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2922		WP0106.0	8/4/96	0000023883	7/31/96
SC-02210-S	AROCLOR-1248	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11702009	U	QT1431.0	8/2/96	0000023886	7/31/96
SC-02210-S	AROCLOR-1254	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11702009	U	QT1431.0	8/2/96	0000023886	7/31/96
SC-02210-S	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11702009	U	QT1431.0	8/2/96	0000023886	7/31/96
SC-02210-S	ARSENIC	10.30		0.48	UG/G	*		EPA CLP	SOIL	METALS	1.00	11702009		QT1431.0	8/2/96	0000023886	7/31/96
SC-02210-S	CHROMIUM	18.10		0.55	UG/G	*		EPA CLP	SOIL	METALS	1.00	11702009		QT1431.0	8/2/96	0000023886	7/31/96
SC-02210-S	LEAD	10.70		0.34	UG/G	*		EPA CLP	SOIL	METALS	1.00	11702009		QT1431.0	8/2/96	0000023886	7/31/96
SC-02210-S	RADIUM-226	1.27	0.10	0.28	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2923		WP0106.0	9/4/96	0000023886	7/31/96
SC-02210-S	RADIUM-228	1.35	0.14	0.51	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2923		WP0106.0	9/4/96	0000023886	7/31/96
SC-02210-S	THORIUM-230	0.93	0.15	0.06	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7589-9		LK0444.0	8/5/96	0000023886	7/31/96
SC-02210-S	URANIUM-238	ND		3.23	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2923		WP0106.0	9/4/96	0000023886	7/31/96
SC-02211-S	AROCLOR-1248	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11702010	U	QT1431.0	8/2/96	0000023887	7/31/96
SC-02211-S	AROCLOR-1254	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11702010	U	QT1431.0	8/2/96	0000023887	7/31/96
SC-02211-S	AROCLOR-1260	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11702010	U	QT1431.0	8/2/96	0000023887	7/31/96
SC-02211-S	ARSENIC	10.80		0.50	UG/G	*		EPA CLP	SOIL	METALS	1.00	11702010		QT1431.0	8/2/96	0000023887	7/31/96
SC-02211-S	CHROMIUM	21.50		0.58	UG/G	*		EPA CLP	SOIL	METALS	1.00	11702010		QT1431.0	8/2/96	0000023887	7/31/96
SC-02211-S	LEAD	22.60		0.35	UG/G	*		EPA CLP	SOIL	METALS	1.00	11702010		QT1431.0	8/2/96	0000023887	7/31/96
SC-02211-S	RADIUM-226	1.59	0.11	0.30	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2924		WP0106.0	9/4/96	0000023887	7/31/96
SC-02211-S	RADIUM-228	1.41	0.14	0.37	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2924		WP0106.0	9/4/96	0000023887	7/31/96
SC-02211-S	THORIUM-230	1.26	0.19	0.03	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7589-10		LK0444.0	8/5/96	0000023887	7/31/96
SC-02211-S	URANIUM-238	ND		3.26	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2924		WP0106.0	9/4/96	0000023887	7/31/96
SC-02212-S	URANIUM-238	ND		4.04	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2925		WP0106.0	8/2/96	0000023894	7/31/96
SC-02213-S	URANIUM-238	ND		3.02	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2926		WP0106.0	8/2/96	0000023895	7/31/96
SC-02214-S	URANIUM-238	ND		4.14	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2927		WP0106.0	8/2/96	0000023896	7/31/96
SC-02215-S	URANIUM-238	ND		3.21	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2928		WP0106.0	8/2/96	0000023897	7/31/96
SC-02216-S	URANIUM-238	2.89	0.73	2.96	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2929		WP0106.0	8/2/96	0000023898	7/31/96
SC-02217-S	URANIUM-238	3.56	0.75	2.49	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2931		WP0106.0	8/2/96	0000023899	7/31/96
SC-02218-S	URANIUM-238	ND		4.03	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2873		WP0105.0	8/1/96	0000023900	7/31/96
SC-02219-S	URANIUM-238	ND		4.60	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2874		WP0105.0	8/1/96	0000023901	7/31/96
SC-02220-S	URANIUM-238	1.74	0.58	2.09	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2875		WP0105.0	8/1/96	0000023902	7/31/96
SC-02221-S	URANIUM-238	ND		4.12	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2876		WP0105.0	8/1/96	0000023903	7/31/96
SC-02222-S	URANIUM-238	13.60	1.65	2.63	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2877		WP0105.0	8/2/96	0000023904	7/31/96
SC-02223-S	URANIUM-238	14.80	1.84	3.29	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2878		WP0105.0	8/1/96	0000023905	7/31/96
SC-02224-S	URANIUM-238	ND		4.27	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2879		WP0105.0	8/1/96	0000023906	7/31/96
SC-02301-S	AROCLOR-1248	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-25		LK0443.0	8/2/96	0000023907	7/31/96
SC-02301-S	AROCLOR-1254	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-25		LK0443.0	8/2/96	0000023907	7/31/96
SC-02301-S	AROCLOR-1260	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-25		LK0443.0	8/2/96	0000023907	7/31/96
SC-02301-S	ARSENIC	7.60		0.48	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-1		LK0443.0	8/3/96	0000023907	7/31/96
SC-02301-S	CHROMIUM	32.00		0.24	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-1		LK0443.0	8/3/96	0000023907	7/31/96
SC-02301-S	LEAD	12.10		0.24	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-1		LK0443.0	8/3/96	0000023907	7/31/96
SC-02301-S	RADIUM-226	1.47	0.13	0.34	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2880		WP0105.0	9/4/96	0000023907	7/31/96
SC-02301-S	RADIUM-228	1.23	0.16	0.53	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2880		WP0105.0	9/4/96	0000023907	7/31/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-02301-S	THALLIUM	0.42		0.24	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-1	B	LK0443.0	8/3/96	0000023907	7/31/96
SC-02301-S	THORIUM-230	1.07	0.15	0.03	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7554-48		LK0443.0	8/4/96	0000023907	7/31/96
SC-02301-S	URANIUM-238	ND		3.89	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2880		WP0105.0	9/4/96	0000023907	7/31/96
SC-02302-C	AROCLOR-1248	ND		15.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-26		LK0443.0	8/2/96	0000023930	7/31/96
SC-02302-C	AROCLOR-1254	ND		15.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-26		LK0443.0	8/2/96	0000023930	7/31/96
SC-02302-C	AROCLOR-1260	ND		15.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-26		LK0443.0	8/2/96	0000023930	7/31/96
SC-02302-C	ARSENIC	8.10		0.46	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-2		LK0443.0	8/3/96	0000023930	7/31/96
SC-02302-C	CHROMIUM	27.10		0.23	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-2		LK0443.0	8/3/96	0000023930	7/31/96
SC-02302-C	LEAD	16.00		0.23	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-2		LK0443.0	8/3/96	0000023930	7/31/96
SC-02302-C	RADIUM-226	1.60	0.13	0.22	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2881		WP0105.0	9/4/96	0000023930	7/31/96
SC-02302-C	RADIUM-228	1.46	0.23	0.73	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2881		WP0105.0	9/4/96	0000023930	7/31/96
SC-02302-C	THALLIUM	0.37		0.23	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-2	B	LK0443.0	8/3/96	0000023930	7/31/96
SC-02302-C	THORIUM-230	1.32	0.16	0.04	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7554-50		LK0443.0	8/4/96	0000023930	7/31/96
SC-02302-S	AROCLOR-1248	ND		15.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-27		LK0443.0	8/2/96	0000023908	7/31/96
SC-02302-S	AROCLOR-1254	ND		15.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-27		LK0443.0	8/2/96	0000023908	7/31/96
SC-02302-S	AROCLOR-1260	ND		15.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-27		LK0443.0	8/2/96	0000023908	7/31/96
SC-02302-S	ARSENIC	7.10		0.47	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-3		LK0443.0	8/3/96	0000023908	7/31/96
SC-02302-S	CHROMIUM	24.90		0.23	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-3		LK0443.0	8/3/96	0000023908	7/31/96
SC-02302-S	LEAD	9.70		0.23	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-3		LK0443.0	8/3/96	0000023908	7/31/96
SC-02302-S	RADIUM-226	1.44	0.10	0.37	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2882		WP0105.0	9/4/96	0000023908	7/31/96
SC-02302-S	RADIUM-228	1.20	0.12	0.39	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2882		WP0105.0	9/4/96	0000023908	7/31/96
SC-02302-S	THALLIUM	0.24		0.23	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-3	B	LK0443.0	8/3/96	0000023908	7/31/96
SC-02302-S	THORIUM-230	1.38	0.17	0.02	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7554-51		LK0443.0	8/4/96	0000023908	7/31/96
SC-02302-S	URANIUM-238	ND		3.06	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2882		WP0105.0	9/4/96	0000023908	7/31/96
SC-02303-S	AROCLOR-1248	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-28		LK0443.0	8/3/96	0000023909	7/31/96
SC-02303-S	AROCLOR-1254	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-28		LK0443.0	8/3/96	0000023909	7/31/96
SC-02303-S	AROCLOR-1260	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-28		LK0443.0	8/3/96	0000023909	7/31/96
SC-02303-S	ARSENIC	7.00		0.47	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-4		LK0443.0	8/3/96	0000023909	7/31/96
SC-02303-S	CHROMIUM	32.40		0.24	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-4		LK0443.0	8/3/96	0000023909	7/31/96
SC-02303-S	LEAD	16.20		0.24	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-4		LK0443.0	8/3/96	0000023909	7/31/96
SC-02303-S	RADIUM-226	1.72	0.13	0.36	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2883		WP0105.0	9/4/96	0000023909	7/31/96
SC-02303-S	RADIUM-228	1.41	0.18	0.44	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2883		WP0105.0	9/4/96	0000023909	7/31/96
SC-02303-S	THALLIUM	0.38		0.24	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-4	B	LK0443.0	8/3/96	0000023909	7/31/96
SC-02303-S	THORIUM-230	1.37	0.17	0.04	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7554-52		LK0443.0	8/4/96	0000023909	7/31/96
SC-02303-S	URANIUM-238	ND		4.22	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2883		WP0105.0	9/4/96	0000023909	7/31/96
SC-02304-C	AROCLOR-1248	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-29		LK0443.0	8/2/96	0000023931	7/31/96
SC-02304-C	AROCLOR-1254	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-29		LK0443.0	8/2/96	0000023931	7/31/96
SC-02304-C	AROCLOR-1260	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-29		LK0443.0	8/2/96	0000023931	7/31/96
SC-02304-C	ARSENIC	5.20		0.49	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-5		LK0443.0	8/3/96	0000023931	7/31/96
SC-02304-C	CHROMIUM	31.90		0.25	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-5		LK0443.0	8/3/96	0000023931	7/31/96
SC-02304-C	LEAD	12.50		0.25	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-5		LK0443.0	8/3/96	0000023931	7/31/96
SC-02304-C	RADIUM-226	1.17	0.12	0.35	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2884		WP0105.0	9/4/96	0000023931	7/31/96
SC-02304-C	RADIUM-228	1.50	0.19	0.60	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2884		WP0105.0	9/4/96	0000023931	7/31/96
SC-02304-C	THALLIUM	0.25		0.25	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-5	B	LK0443.0	8/3/96	0000023931	7/31/96
SC-02304-C	THORIUM-230	1.11	0.15	0.03	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7554-53		LK0443.0	8/4/96	0000023931	7/31/96
SC-02304-S	AROCLOR-1248	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-30		LK0443.0	8/2/96	0000023910	7/31/96
SC-02304-S	AROCLOR-1254	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-30		LK0443.0	8/2/96	0000023910	7/31/96
SC-02304-S	AROCLOR-1260	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-30		LK0443.0	8/2/96	0000023910	7/31/96
SC-02304-S	ARSENIC	7.20		0.46	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-6		LK0443.0	8/3/96	0000023910	7/31/96
SC-02304-S	CHROMIUM	26.20		0.24	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-6		LK0443.0	8/3/96	0000023910	7/31/96
SC-02304-S	LEAD	20.00		0.24	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-6		LK0443.0	8/3/96	0000023910	7/31/96
SC-02304-S	RADIUM-226	1.62	0.14	0.34	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2885		WP0105.0	9/4/96	0000023910	7/31/96
SC-02304-S	RADIUM-228	1.42	0.18	0.68	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2885		WP0105.0	9/4/96	0000023910	7/31/96
SC-02304-S	THALLIUM	0.27		0.24	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-6	B	LK0443.0	8/3/96	0000023910	7/31/96
SC-02304-S	THORIUM-230	1.20	0.15	0.03	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7554-54		LK0443.0	8/4/96	0000023910	7/31/96
SC-02304-S	URANIUM-238	3.07	0.91	2.45	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2885		WP0105.0	9/4/96	0000023910	7/31/96
SC-02305-S	AROCLOR-1248	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-31		LK0443.0	8/3/96	0000023911	7/31/96
SC-02305-S	AROCLOR-1254	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-31		LK0443.0	8/3/96	0000023911	7/31/96
SC-02305-S	AROCLOR-1260	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-31		LK0443.0	8/3/96	0000023911	7/31/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-02305-S	ARSENIC	7.20		0.46	UG/G			EPA 6020	SOIL	METALS	1.00	L7554-7		LK0443.0	8/3/96	0000023911	7/31/96
SC-02305-S	CHROMIUM	26.50		0.24	UG/G			EPA 6020	SOIL	METALS	1.00	L7554-7		LK0443.0	8/3/96	0000023911	7/31/96
SC-02305-S	LEAD	12.60		0.24	UG/G			EPA 6020	SOIL	METALS	1.00	L7554-7		LK0443.0	8/3/96	0000023911	7/31/96
SC-02305-S	RADIUM-226	1.59	0.12	0.38	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2886		WP0105.0	9/4/96	0000023911	7/31/96
SC-02305-S	RADIUM-228	1.35	0.13	0.42	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2886		WP0105.0	9/4/96	0000023911	7/31/96
SC-02305-S	THALLIUM	0.30		0.24	UG/G			EPA 6020	SOIL	METALS	1.00	L7554-7	B	LK0443.0	8/3/96	0000023911	7/31/96
SC-02305-S	THORIUM-230	1.10	0.15	0.03	PCI/G			EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7554-55		LK0443.0	8/4/96	0000023911	7/31/96
SC-02305-S	URANIUM-238	ND		3.10	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2886		WP0105.0	9/4/96	0000023911	7/31/96
SC-02306-C	AROCLOR-1248	ND		16.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-32		LK0443.0	8/3/96	0000023932	7/31/96
SC-02306-C	AROCLOR-1254	ND		16.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-32		LK0443.0	8/3/96	0000023932	7/31/96
SC-02306-C	AROCLOR-1260	ND		16.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-32		LK0443.0	8/3/96	0000023932	7/31/96
SC-02306-C	ARSENIC	7.10		0.50	UG/G			EPA 6020	SOIL	METALS	1.00	L7554-8		LK0443.0	8/3/96	0000023932	7/31/96
SC-02306-C	CHROMIUM	26.60		0.25	UG/G			EPA 6020	SOIL	METALS	1.00	L7554-8		LK0443.0	8/3/96	0000023932	7/31/96
SC-02306-C	LEAD	17.40		0.25	UG/G			EPA 6020	SOIL	METALS	1.00	L7554-8		LK0443.0	8/3/96	0000023932	7/31/96
SC-02306-C	RADIUM-226	1.39	0.14	0.52	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2887		WP0105.0	9/4/96	0000023932	7/31/96
SC-02306-C	RADIUM-228	ND		1.34	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2887		WP0105.0	9/4/96	0000023932	7/31/96
SC-02306-C	THALLIUM	0.31		0.25	UG/G			EPA 6020	SOIL	METALS	1.00	L7554-8	B	LK0443.0	8/3/96	0000023932	7/31/96
SC-02306-C	THORIUM-230	1.03	0.14	0.02	PCI/G			EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7554-58		LK0443.0	8/4/96	0000023932	7/31/96
SC-02306-S	AROCLOR-1248	ND		16.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-33		LK0443.0	8/2/96	0000023912	7/31/96
SC-02306-S	AROCLOR-1254	ND		16.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-33		LK0443.0	8/2/96	0000023912	7/31/96
SC-02306-S	AROCLOR-1260	ND		16.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-33		LK0443.0	8/2/96	0000023912	7/31/96
SC-02306-S	ARSENIC	7.90		0.47	UG/G			EPA 6020	SOIL	METALS	1.00	L7554-9		LK0443.0	8/3/96	0000023912	7/31/96
SC-02306-S	CHROMIUM	28.20		0.24	UG/G			EPA 6020	SOIL	METALS	1.00	L7554-9		LK0443.0	8/3/96	0000023912	7/31/96
SC-02306-S	LEAD	13.30		0.24	UG/G			EPA 6020	SOIL	METALS	1.00	L7554-9		LK0443.0	8/3/96	0000023912	7/31/96
SC-02306-S	RADIUM-226	1.48	0.10	0.27	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2888		WP0105.0	9/4/96	0000023912	7/31/96
SC-02306-S	RADIUM-228	1.15	0.13	0.44	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2888		WP0105.0	9/4/96	0000023912	7/31/96
SC-02306-S	THALLIUM	0.26		0.24	UG/G			EPA 6020	SOIL	METALS	1.00	L7554-9	B	LK0443.0	8/3/96	0000023912	7/31/96
SC-02306-S	THORIUM-230	1.25	0.15	0.02	PCI/G			EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7554-57		LK0443.0	8/4/96	0000023912	7/31/96
SC-02306-S	URANIUM-238	ND		3.20	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2888		WP0105.0	9/4/96	0000023912	7/31/96
SC-02307-S	AROCLOR-1248	ND		16.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-34		LK0443.0	8/2/96	0000023913	7/31/96
SC-02307-S	AROCLOR-1254	ND		16.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-34		LK0443.0	8/2/96	0000023913	7/31/96
SC-02307-S	AROCLOR-1260	ND		16.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-34		LK0443.0	8/2/96	0000023913	7/31/96
SC-02307-S	ARSENIC	6.40		0.49	UG/G			EPA 6020	SOIL	METALS	1.00	L7554-10		LK0443.0	8/3/96	0000023913	7/31/96
SC-02307-S	CHROMIUM	28.90		0.25	UG/G			EPA 6020	SOIL	METALS	1.00	L7554-10		LK0443.0	8/3/96	0000023913	7/31/96
SC-02307-S	LEAD	16.70		0.25	UG/G			EPA 6020	SOIL	METALS	1.00	L7554-10		LK0443.0	8/3/96	0000023913	7/31/96
SC-02307-S	RADIUM-226	1.48	0.10	0.25	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2889		WP0105.0	9/4/96	0000023913	7/31/96
SC-02307-S	RADIUM-228	1.27	0.13	0.46	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2889		WP0105.0	9/4/96	0000023913	7/31/96
SC-02307-S	THALLIUM	0.25		0.25	UG/G			EPA 6020	SOIL	METALS	1.00	L7554-10	B	LK0443.0	8/3/96	0000023913	7/31/96
SC-02307-S	THORIUM-230	1.19	0.15	0.03	PCI/G			EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7554-58		LK0443.0	8/4/96	0000023913	7/31/96
SC-02307-S	URANIUM-238	ND		3.02	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2889		WP0105.0	9/4/96	0000023913	7/31/96
SC-02308-C	AROCLOR-1248	ND		16.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-35		LK0443.0	8/2/96	0000023928	7/31/96
SC-02308-C	AROCLOR-1254	ND		16.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-35		LK0443.0	8/2/96	0000023928	7/31/96
SC-02308-C	AROCLOR-1260	ND		16.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-35		LK0443.0	8/2/96	0000023928	7/31/96
SC-02308-C	ARSENIC	6.60		0.48	UG/G			EPA 6020	SOIL	METALS	1.00	L7554-11		LK0443.0	8/3/96	0000023928	7/31/96
SC-02308-C	CHROMIUM	25.70		0.24	UG/G			EPA 6020	SOIL	METALS	1.00	L7554-11		LK0443.0	8/3/96	0000023928	7/31/96
SC-02308-C	LEAD	17.30		0.24	UG/G			EPA 6020	SOIL	METALS	1.00	L7554-11		LK0443.0	8/3/96	0000023928	7/31/96
SC-02308-C	RADIUM-226	1.39	0.13	0.42	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2890		WP0105.0	9/6/96	0000023928	7/31/96
SC-02308-C	RADIUM-228	1.44	0.17	0.48	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2890		WP0105.0	9/6/96	0000023928	7/31/96
SC-02308-C	THALLIUM	0.24		0.24	UG/G			EPA 6020	SOIL	METALS	1.00	L7554-11	B	LK0443.0	8/3/96	0000023928	7/31/96
SC-02308-C	THORIUM-230	1.16	0.15	0.03	PCI/G			EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7554-58		LK0443.0	8/4/96	0000023928	7/31/96
SC-02308-C	URANIUM-238	ND		4.41	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2890		WP0105.0	9/6/96	0000023928	7/31/96
SC-02308-S	AROCLOR-1248	ND		16.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-36		LK0443.0	8/2/96	0000023914	7/31/96
SC-02308-S	AROCLOR-1254	ND		16.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-36		LK0443.0	8/2/96	0000023914	7/31/96
SC-02308-S	AROCLOR-1260	ND		16.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-36		LK0443.0	8/2/96	0000023914	7/31/96
SC-02308-S	ARSENIC	7.70		0.49	UG/G			EPA 6020	SOIL	METALS	1.00	L7554-12		LK0443.0	8/3/96	0000023914	7/31/96
SC-02308-S	CHROMIUM	24.10		0.24	UG/G			EPA 6020	SOIL	METALS	1.00	L7554-12		LK0443.0	8/3/96	0000023914	7/31/96
SC-02308-S	LEAD	15.40		0.24	UG/G			EPA 6020	SOIL	METALS	1.00	L7554-12		LK0443.0	8/3/96	0000023914	7/31/96
SC-02308-S	RADIUM-226	1.32	0.13	0.45	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2891		WP0105.0	9/4/96	0000023914	7/31/96
SC-02308-S	RADIUM-228	1.87	0.19	0.66	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2891		WP0105.0	9/4/96	0000023914	7/31/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-02308-S	THALLIUM	0.27		0.24	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-12	B	LK0443.0	8/3/96	0000023914	7/31/96
SC-02308-S	THORIUM-230	1.39	0.17	0.03	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7554-60		LK0443.0	9/4/96	0000023914	7/31/96
SC-02308-S	URANIUM-238	ND		4.67	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2891		WP0105.0	9/4/96	0000023914	7/31/96
SC-02309-S	AROCLOR-1248	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-38		LK0443.0	8/2/96	0000023915	7/31/96
SC-02309-S	AROCLOR-1254	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-38		LK0443.0	8/2/96	0000023915	7/31/96
SC-02309-S	AROCLOR-1260	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-38		LK0443.0	8/2/96	0000023915	7/31/96
SC-02309-S	ARSENIC	6.70		0.50	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-14		LK0443.0	8/3/96	0000023915	7/31/96
SC-02309-S	CHROMIUM	30.90		0.25	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-14		LK0443.0	8/3/96	0000023915	7/31/96
SC-02309-S	LEAD	19.60		0.25	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-14		LK0443.0	8/3/96	0000023915	7/31/96
SC-02309-S	RADIUM-226	1.45	0.12	0.32	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2893		WP0105.0	9/4/96	0000023915	7/31/96
SC-02309-S	RADIUM-226	1.27	0.17	0.55	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2893		WP0105.0	9/4/96	0000023915	7/31/96
SC-02309-S	THALLIUM	0.26		0.25	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-14	B	LK0443.0	8/3/96	0000023915	7/31/96
SC-02309-S	THORIUM-230	1.34	0.17	0.03	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7554-62		LK0443.0	8/4/96	0000023915	7/31/96
SC-02309-S	URANIUM-238	ND		4.23	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2893		WP0105.0	9/4/96	0000023915	7/31/96
SC-02310-C	AROCLOR-1248	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-39		LK0443.0	8/2/96	0000023933	7/31/96
SC-02310-C	AROCLOR-1254	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-39		LK0443.0	8/2/96	0000023933	7/31/96
SC-02310-C	AROCLOR-1260	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-39		LK0443.0	8/2/96	0000023933	7/31/96
SC-02310-C	ARSENIC	6.00		0.48	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-15		LK0443.0	8/3/96	0000023933	7/31/96
SC-02310-C	CHROMIUM	26.70		0.24	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-15		LK0443.0	8/3/96	0000023933	7/31/96
SC-02310-C	LEAD	12.80		0.24	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-15		LK0443.0	8/3/96	0000023933	7/31/96
SC-02310-C	RADIUM-226	1.28	0.10	0.38	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2894		WP0105.0	9/6/96	0000023933	7/31/96
SC-02310-C	RADIUM-226	1.31	0.12	0.36	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2894		WP0105.0	9/6/96	0000023933	7/31/96
SC-02310-C	THALLIUM	0.25		0.24	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-15	B	LK0443.0	8/3/96	0000023933	7/31/96
SC-02310-C	THORIUM-230	1.19	0.16	0.04	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7554-63		LK0443.0	8/4/96	0000023933	7/31/96
SC-02310-S	AROCLOR-1248	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-40		LK0443.0	8/2/96	0000023916	7/31/96
SC-02310-S	AROCLOR-1254	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-40		LK0443.0	8/2/96	0000023916	7/31/96
SC-02310-S	AROCLOR-1260	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-40		LK0443.0	8/2/96	0000023916	7/31/96
SC-02310-S	ARSENIC	5.20		0.50	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-16		LK0443.0	8/3/96	0000023916	7/31/96
SC-02310-S	CHROMIUM	26.80		0.25	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-16		LK0443.0	8/3/96	0000023916	7/31/96
SC-02310-S	LEAD	11.90		0.25	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-16		LK0443.0	8/3/96	0000023916	7/31/96
SC-02310-S	RADIUM-226	1.30	0.10	0.33	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2895		WP0105.0	9/4/96	0000023916	7/31/96
SC-02310-S	RADIUM-228	0.99	0.16	0.51	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2895		WP0105.0	9/4/96	0000023916	7/31/96
SC-02310-S	THALLIUM	ND		0.25	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-16	U	LK0443.0	8/3/96	0000023916	7/31/96
SC-02310-S	THORIUM-230	1.18	0.16	0.03	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7554-64		LK0443.0	8/4/96	0000023916	7/31/96
SC-02310-S	URANIUM-238	ND		3.11	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2895		WP0105.0	9/4/96	0000023916	7/31/96
SC-02311-S	AROCLOR-1248	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-41		LK0443.0	8/2/96	0000023917	7/31/96
SC-02311-S	AROCLOR-1254	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-41		LK0443.0	8/2/96	0000023917	7/31/96
SC-02311-S	AROCLOR-1260	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-41		LK0443.0	8/2/96	0000023917	7/31/96
SC-02311-S	ARSENIC	6.60		0.50	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-17		LK0443.0	8/3/96	0000023917	7/31/96
SC-02311-S	CHROMIUM	31.00		0.25	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-17		LK0443.0	8/3/96	0000023917	7/31/96
SC-02311-S	LEAD	12.00		0.25	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-17		LK0443.0	8/3/96	0000023917	7/31/96
SC-02311-S	RADIUM-226	1.28	0.10	0.38	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2896		WP0105.0	9/4/96	0000023917	7/31/96
SC-02311-S	RADIUM-228	1.29	0.14	0.50	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2896		WP0105.0	9/4/96	0000023917	7/31/96
SC-02311-S	THALLIUM	0.30		0.25	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-17	B	LK0443.0	8/3/96	0000023917	7/31/96
SC-02311-S	THORIUM-230	1.21	0.16	0.05	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7554-65		LK0443.0	8/4/96	0000023917	7/31/96
SC-02311-S	URANIUM-238	4.16	0.85	2.74	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2896		WP0105.0	9/4/96	0000023917	7/31/96
SC-02312-C	AROCLOR-1248	ND		15.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-42		LK0443.0	8/2/96	0000023934	7/31/96
SC-02312-C	AROCLOR-1254	180.00		15.00	UG/KG	*	@R@	EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-42		LK0443.0	8/3/96	0000023934	7/31/96
SC-02312-C	AROCLOR-1260	ND		15.00	UG/KG	*	-	EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-42		LK0443.0	8/2/96	0000023934	7/31/96
SC-02312-C	ARSENIC	8.70		0.50	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-18		LK0443.0	8/3/96	0000023934	7/31/96
SC-02312-C	CHROMIUM	28.30		0.25	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-18		LK0443.0	8/3/96	0000023934	7/31/96
SC-02312-C	LEAD	15.10		0.25	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-18		LK0443.0	8/3/96	0000023934	7/31/96
SC-02312-C	RADIUM-226	1.46	0.11	0.38	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2897		WP0105.0	9/4/96	0000023934	7/31/96
SC-02312-C	RADIUM-228	1.10	0.13	0.51	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2897		WP0105.0	9/4/96	0000023934	7/31/96
SC-02312-C	THALLIUM	0.41		0.25	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-18	B	LK0443.0	8/3/96	0000023934	7/31/96
SC-02312-C	THORIUM-230	1.18	0.15	0.03	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7554-66		LK0443.0	8/4/96	0000023934	7/31/96
SC-02312-S	AROCLOR-1248	ND		15.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-43		LK0443.0	8/3/96	0000023918	7/31/96
SC-02312-S	AROCLOR-1254	ND		15.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-43		LK0443.0	8/3/96	0000023918	7/31/96
SC-02312-S	AROCLOR-1260	ND		15.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-43		LK0443.0	8/3/96	0000023918	7/31/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-02312-S	ARSENIC	9.60		0.46	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-19		LK0443.0	8/3/96	0000023918	7/31/96
SC-02312-S	CHROMIUM	27.10		0.23	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-19		LK0443.0	8/3/96	0000023918	7/31/96
SC-02312-S	LEAD	26.30		0.23	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-19		LK0443.0	8/3/96	0000023918	7/31/96
SC-02312-S	RADIUM-226	1.64	0.14	0.39	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2898		WP0105.0	9/4/96	0000023918	7/31/96
SC-02312-S	RADIUM-228	1.14	0.19	0.68	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2898		WP0105.0	9/4/96	0000023918	7/31/96
SC-02312-S	THALLIUM	0.28		0.23	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-19	B	LK0443.0	8/3/96	0000023918	7/31/96
SC-02312-S	THORIUM-230	1.10	0.14	0.03	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7554-67		LK0443.0	8/4/96	0000023918	7/31/96
SC-02312-S	URANIUM-238	ND		4.18	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2898		WP0105.0	9/4/96	0000023918	7/31/96
SC-02312-S-HS01	URANIUM-238	696.00	38.40	18.00	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3316		WP0118.0	8/15/96	0000029420	8/13/96
SC-02312-S-HS02	URANIUM-238	429.00	23.90	6.93	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3317		WP0118.0	8/15/96	0000029421	8/13/96
SC-02312-S-RS01	URANIUM-238	3.51	0.87	3.19	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3158		WP0120.0	8/18/96	0000029409	8/16/96
SC-02312-S-RS02	URANIUM-238	ND		3.22	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3159		WP0120.0	8/18/96	0000029410	8/16/96
SC-02313-S	AROCLOR-1248	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-44		LK0443.0	8/3/96	0000023919	7/31/96
SC-02313-S	AROCLOR-1254	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-44		LK0443.0	8/3/96	0000023919	7/31/96
SC-02313-S	AROCLOR-1260	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-44		LK0443.0	8/3/96	0000023919	7/31/96
SC-02313-S	ARSENIC	8.30		0.50	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-20		LK0443.0	8/3/96	0000023919	7/31/96
SC-02313-S	CHROMIUM	28.20		0.25	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-20		LK0443.0	8/3/96	0000023919	7/31/96
SC-02313-S	LEAD	15.70		0.25	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-20		LK0443.0	8/3/96	0000023919	7/31/96
SC-02313-S	RADIUM-226	1.42	0.10	0.29	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2899		WP0105.0	9/4/96	0000023919	7/31/96
SC-02313-S	RADIUM-228	1.32	0.13	0.40	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2899		WP0105.0	9/4/96	0000023919	7/31/96
SC-02313-S	THALLIUM	0.29		0.25	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-20	B	LK0443.0	8/3/96	0000023919	7/31/96
SC-02313-S	THORIUM-230	1.23	0.24	0.06	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7554-68		LK0443.0	8/5/96	0000023919	7/31/96
SC-02313-S	URANIUM-238	ND		3.13	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2899		WP0105.0	9/4/96	0000023919	7/31/96
SC-02314-S	AROCLOR-1248	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-45		LK0443.0	8/3/96	0000023920	7/31/96
SC-02314-S	AROCLOR-1254	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-45		LK0443.0	8/3/96	0000023920	7/31/96
SC-02314-S	AROCLOR-1260	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-45		LK0443.0	8/3/96	0000023920	7/31/96
SC-02314-S	ARSENIC	6.90		0.48	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-21		LK0443.0	8/3/96	0000023920	7/31/96
SC-02314-S	CHROMIUM	25.00		0.24	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-21		LK0443.0	8/3/96	0000023920	7/31/96
SC-02314-S	LEAD	10.40		0.24	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-21		LK0443.0	8/3/96	0000023920	7/31/96
SC-02314-S	RADIUM-226	1.37	0.11	0.34	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2900		WP0105.0	9/4/96	0000023920	7/31/96
SC-02314-S	RADIUM-228	1.28	0.13	0.48	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2900		WP0105.0	9/4/96	0000023920	7/31/96
SC-02314-S	THALLIUM	ND		0.24	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-21	U	LK0443.0	8/3/96	0000023920	7/31/96
SC-02314-S	THORIUM-230	1.28	0.16	0.03	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7554-69		LK0443.0	8/3/96	0000023920	7/31/96
SC-02314-S	URANIUM-238	ND		2.98	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2900		WP0105.0	9/4/96	0000023920	7/31/96
SC-02315-C	AROCLOR-1248	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-46		LK0443.0	8/3/96	0000023935	7/31/96
SC-02315-C	AROCLOR-1254	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-46		LK0443.0	8/3/96	0000023935	7/31/96
SC-02315-C	AROCLOR-1260	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-46		LK0443.0	8/3/96	0000023935	7/31/96
SC-02315-C	ARSENIC	4.90		0.46	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-22		LK0443.0	8/3/96	0000023935	7/31/96
SC-02315-C	CHROMIUM	22.90		0.24	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-22		LK0443.0	8/3/96	0000023935	7/31/96
SC-02315-C	LEAD	15.30		0.24	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-22		LK0443.0	8/3/96	0000023935	7/31/96
SC-02315-C	RADIUM-226	1.32	0.13	0.39	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2901		WP0105.0	9/4/96	0000023935	7/31/96
SC-02315-C	RADIUM-228	1.16	0.17	0.59	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2901		WP0105.0	9/4/96	0000023935	7/31/96
SC-02315-C	THALLIUM	ND		0.24	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7554-22	U	LK0443.0	8/3/96	0000023935	7/31/96
SC-02315-C	THORIUM-230	1.01	0.14	0.03	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7554-70		LK0443.0	8/3/96	0000023935	7/31/96
SC-02315-S	AROCLOR-1248	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7555-37		LK0441.0	8/2/96	0000023921	7/30/96
SC-02315-S	AROCLOR-1254	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7555-37		LK0441.0	8/2/96	0000023921	7/30/96
SC-02315-S	AROCLOR-1260	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7555-37		LK0441.0	8/2/96	0000023921	7/30/96
SC-02315-S	ARSENIC	13.70		0.48	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7555-19		LK0441.0	8/3/96	0000023921	7/30/96
SC-02315-S	CHROMIUM	23.90		0.24	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7555-19		LK0441.0	8/3/96	0000023921	7/30/96
SC-02315-S	LEAD	22.80		0.24	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7555-19		LK0441.0	8/3/96	0000023921	7/30/96
SC-02315-S	RADIUM-226	1.42	0.13	0.41	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2844		WP0103.0	9/2/96	0000023921	7/30/96
SC-02315-S	RADIUM-228	ND		1.15	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2844		WP0103.0	9/2/96	0000023921	7/30/96
SC-02315-S	THALLIUM	0.38		0.24	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7555-19	B	LK0441.0	8/3/96	0000023921	7/30/96
SC-02315-S	THORIUM-230	1.21	0.15	0.04	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7555-1		LK0441.0	8/3/96	0000023921	7/30/96
SC-02315-S	URANIUM-238	ND		4.29	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2844		WP0103.0	9/2/96	0000023921	7/30/96
SC-02316-S	AROCLOR-1248	ND		17.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7555-38		LK0441.0	8/2/96	0000023922	7/30/96
SC-02316-S	AROCLOR-1254	ND		17.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7555-38		LK0441.0	8/2/96	0000023922	7/30/96
SC-02316-S	AROCLOR-1260	ND		17.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7555-38		LK0441.0	8/2/96	0000023922	7/30/96
SC-02316-S	ARSENIC	7.40		0.50	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7555-20		LK0441.0	8/3/96	0000023922	7/30/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-02316-S	CHROMIUM	23.00		0.25	UG/G			EPA 6020	SOIL	METALS	1.00	L7555-20		LK0441.0	8/3/96	0000023922	7/30/96
SC-02316-S	LEAD	14.70		0.25	UG/G			EPA 6020	SOIL	METALS	1.00	L7555-20		LK0441.0	8/3/96	0000023922	7/30/96
SC-02316-S	RADIUM-226	1.62	0.11	0.29	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2845		WP0103.0	9/2/96	0000023922	7/30/96
SC-02316-S	RADIUM-228	1.28	0.14	0.55	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2845		WP0103.0	9/2/96	0000023922	7/30/96
SC-02316-S	THALLIUM	ND		0.25	UG/G			EPA 6020	SOIL	METALS	1.00	L7555-20	U	LK0441.0	8/3/96	0000023922	7/30/96
SC-02316-S	THORIUM-230	1.12	0.15	0.02	PCI/G			EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7555-2		LK0441.0	8/3/96	0000023922	7/30/96
SC-02316-S	URANIUM-238	ND		3.30	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2845		WP0103.0	9/2/96	0000023922	7/30/96
SC-02317-S	AROCLOR-1248	ND		16.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	L7555-39		LK0441.0	8/2/96	0000023923	7/30/96
SC-02317-S	AROCLOR-1254	ND		16.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	L7555-39		LK0441.0	8/2/96	0000023923	7/30/96
SC-02317-S	AROCLOR-1260	ND		16.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	L7555-39		LK0441.0	8/2/96	0000023923	7/30/96
SC-02317-S	ARSENIC	7.10		0.49	UG/G			EPA 6020	SOIL	METALS	1.00	L7555-21		LK0441.0	8/3/96	0000023923	7/30/96
SC-02317-S	CHROMIUM	22.20		0.25	UG/G			EPA 6020	SOIL	METALS	1.00	L7555-21		LK0441.0	8/3/96	0000023923	7/30/96
SC-02317-S	LEAD	20.90		0.25	UG/G			EPA 6020	SOIL	METALS	1.00	L7555-21		LK0441.0	8/3/96	0000023923	7/30/96
SC-02317-S	RADIUM-226	1.25	0.13	0.44	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2846		WP0103.0	9/2/96	0000023923	7/30/96
SC-02317-S	RADIUM-228	1.25	0.20	0.76	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2846		WP0103.0	9/2/96	0000023923	7/30/96
SC-02317-S	THALLIUM	ND		0.25	UG/G			EPA 6020	SOIL	METALS	1.00	L7555-21	U	LK0441.0	8/3/96	0000023923	7/30/96
SC-02317-S	THORIUM-230	1.29	0.17	0.04	PCI/G			EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7555-3		LK0441.0	8/3/96	0000023923	7/30/96
SC-02317-S	URANIUM-238	ND		4.01	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2846		WP0103.0	9/2/96	0000023923	7/30/96
SC-02318-C	AROCLOR-1248	ND		16.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-47		LK0443.0	8/3/96	0000023936	7/31/96
SC-02318-C	AROCLOR-1254	ND		16.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-47		LK0443.0	8/3/96	0000023936	7/31/96
SC-02318-C	AROCLOR-1260	ND		16.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-47		LK0443.0	8/3/96	0000023936	7/31/96
SC-02318-C	ARSENIC	8.00		0.49	UG/G			EPA 6020	SOIL	METALS	1.00	L7554-23		LK0443.0	8/3/96	0000023936	7/31/96
SC-02318-C	CHROMIUM	24.10		0.25	UG/G			EPA 6020	SOIL	METALS	1.00	L7554-23		LK0443.0	8/3/96	0000023936	7/31/96
SC-02318-C	LEAD	17.90		0.25	UG/G			EPA 6020	SOIL	METALS	1.00	L7554-23		LK0443.0	8/3/96	0000023936	7/31/96
SC-02318-C	RADIUM-226	1.40	0.10	0.30	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2902		WP0105.0	9/4/96	0000023936	7/31/96
SC-02318-C	RADIUM-228	1.21	0.13	0.32	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2902		WP0105.0	9/4/96	0000023936	7/31/96
SC-02318-C	THALLIUM	ND		0.25	UG/G			EPA 6020	SOIL	METALS	1.00	L7554-23	U	LK0443.0	8/3/96	0000023936	7/31/96
SC-02318-C	THORIUM-230	1.12	0.14	0.03	PCI/G			EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7554-71		LK0443.0	8/3/96	0000023936	7/31/96
SC-02318-S	AROCLOR-1248	ND		16.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	L7555-40		LK0441.0	8/2/96	0000023924	7/30/96
SC-02318-S	AROCLOR-1254	15.00		16.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	L7555-40	J	LK0441.0	8/3/96	0000023924	7/30/96
SC-02318-S	AROCLOR-1260	ND		16.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	L7555-40		LK0441.0	8/2/96	0000023924	7/30/96
SC-02318-S	ARSENIC	6.80		0.51	UG/G			EPA 6020	SOIL	METALS	1.00	L7555-22		LK0441.0	8/3/96	0000023924	7/30/96
SC-02318-S	CHROMIUM	24.30		0.26	UG/G			EPA 6020	SOIL	METALS	1.00	L7555-22		LK0441.0	8/3/96	0000023924	7/30/96
SC-02318-S	LEAD	15.20		0.26	UG/G			EPA 6020	SOIL	METALS	1.00	L7555-22		LK0441.0	8/3/96	0000023924	7/30/96
SC-02318-S	RADIUM-226	1.41	0.10	0.28	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2847		WP0103.0	9/2/96	0000023924	7/30/96
SC-02318-S	RADIUM-228	ND		0.91	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2847		WP0103.0	9/2/96	0000023924	7/30/96
SC-02318-S	THALLIUM	ND		0.26	UG/G			EPA 6020	SOIL	METALS	1.00	L7555-22	U	LK0441.0	8/3/96	0000023924	7/30/96
SC-02318-S	THORIUM-230	1.32	0.18	0.04	PCI/G			EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7555-4		LK0441.0	8/3/96	0000023924	7/30/96
SC-02318-S	URANIUM-238	ND		3.29	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2847		WP0103.0	9/2/96	0000023924	7/30/96
SC-02319-S	AROCLOR-1248	ND		16.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	L7555-41		LK0441.0	8/2/96	0000023925	7/30/96
SC-02319-S	AROCLOR-1254	ND		16.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	L7555-41		LK0441.0	8/2/96	0000023925	7/30/96
SC-02319-S	AROCLOR-1260	ND		16.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	L7555-41		LK0441.0	8/2/96	0000023925	7/30/96
SC-02319-S	ARSENIC	6.30		0.49	UG/G			EPA 6020	SOIL	METALS	1.00	L7555-23		LK0441.0	8/3/96	0000023925	7/30/96
SC-02319-S	CHROMIUM	24.10		0.25	UG/G			EPA 6020	SOIL	METALS	1.00	L7555-23		LK0441.0	8/3/96	0000023925	7/30/96
SC-02319-S	LEAD	15.90		0.25	UG/G			EPA 6020	SOIL	METALS	1.00	L7555-23		LK0441.0	8/3/96	0000023925	7/30/96
SC-02319-S	RADIUM-226	1.48	0.14	0.47	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2848		WP0103.0	9/2/96	0000023925	7/30/96
SC-02319-S	RADIUM-228	1.50	0.18	0.44	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2848		WP0103.0	9/2/96	0000023925	7/30/96
SC-02319-S	THALLIUM	ND		0.25	UG/G			EPA 6020	SOIL	METALS	1.00	L7555-23	U	LK0441.0	8/3/96	0000023925	7/30/96
SC-02319-S	THORIUM-230	1.31	0.16	0.03	PCI/G			EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7555-5		LK0441.0	8/3/96	0000023925	7/30/96
SC-02319-S	URANIUM-238	ND		4.55	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2848		WP0103.0	9/2/96	0000023925	7/30/96
SC-02320-S	AROCLOR-1248	ND		16.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	L7555-42		LK0441.0	8/2/96	0000023926	7/30/96
SC-02320-S	AROCLOR-1254	12.00		16.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	L7555-42	J	LK0441.0	8/3/96	0000023926	7/30/96
SC-02320-S	AROCLOR-1260	ND		16.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	L7555-42		LK0441.0	8/2/96	0000023926	7/30/96
SC-02320-S	ARSENIC	6.40		0.47	UG/G			EPA 6020	SOIL	METALS	1.00	L7555-24		LK0441.0	8/3/96	0000023926	7/30/96
SC-02320-S	CHROMIUM	25.00		0.24	UG/G			EPA 6020	SOIL	METALS	1.00	L7555-24		LK0441.0	8/3/96	0000023926	7/30/96
SC-02320-S	LEAD	15.60		0.24	UG/G			EPA 6020	SOIL	METALS	1.00	L7555-24		LK0441.0	8/3/96	0000023926	7/30/96
SC-02320-S	RADIUM-226	1.35	0.09	0.32	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2849		WP0103.0	9/2/96	0000023926	7/30/96
SC-02320-S	RADIUM-228	1.30	0.18	0.58	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2849		WP0103.0	9/2/96	0000023926	7/30/96
SC-02320-S	THALLIUM	ND		0.24	UG/G			EPA 6020	SOIL	METALS	1.00	L7555-24	U	LK0441.0	8/3/96	0000023926	7/30/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-02320-S	THORIUM-230	1.13	0.15	0.03	PCI/G			EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7555-8		LK0441.0	8/3/96	0000023926	7/30/96
SC-02320-S	URANIUM-238	ND		3.13	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2849		WP0103.0	8/2/96	0000023926	7/30/96
SC-02321-C	AROCLOR-1248	ND		15.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-48		LK0443.0	8/3/96	0000023929	7/31/96
SC-02321-C	AROCLOR-1254	ND		15.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-48		LK0443.0	8/3/96	0000023929	7/31/96
SC-02321-C	AROCLOR-1260	ND		15.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-48		LK0443.0	8/3/96	0000023929	7/31/96
SC-02321-C	ARSENIC	7.70		0.45	UG/G			EPA 6020	SOIL	METALS	1.00	L7554-24		LK0443.0	8/3/96	0000023929	7/31/96
SC-02321-C	CHROMIUM	23.50		0.23	UG/G			EPA 6020	SOIL	METALS	1.00	L7554-24		LK0443.0	8/3/96	0000023929	7/31/96
SC-02321-C	LEAD	12.40		0.23	UG/G			EPA 6020	SOIL	METALS	1.00	L7554-24		LK0443.0	8/3/96	0000023929	7/31/96
SC-02321-C	RADIUM-226	1.55	0.14	0.41	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2903		WP0105.0	9/4/96	0000023929	7/31/96
SC-02321-C	RADIUM-228	ND		1.16	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2903		WP0105.0	9/4/96	0000023929	7/31/96
SC-02321-C	THALLIUM	0.24		0.23	UG/G			EPA 6020	SOIL	METALS	1.00	L7554-24	B	LK0443.0	8/3/96	0000023929	7/31/96
SC-02321-C	THORIUM-230	1.18	0.25	0.08	PCI/G			EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7554-72		LK0443.0	8/5/96	0000023929	7/31/96
SC-02321-C	URANIUM-238	ND		4.14	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2903		WP0105.0	9/4/96	0000023929	7/31/96
SC-02321-S	AROCLOR-1248	ND		16.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	L7555-43		LK0441.0	8/3/96	0000023927	7/30/96
SC-02321-S	AROCLOR-1254	ND		16.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	L7555-43		LK0441.0	8/3/96	0000023927	7/30/96
SC-02321-S	AROCLOR-1260	ND		16.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	L7555-43		LK0441.0	8/3/96	0000023927	7/30/96
SC-02321-S	ARSENIC	11.10		0.50	UG/G			EPA 6020	SOIL	METALS	1.00	L7555-25		LK0441.0	8/3/96	0000023927	7/30/96
SC-02321-S	CHROMIUM	26.40		0.25	UG/G			EPA 6020	SOIL	METALS	1.00	L7555-25		LK0441.0	8/3/96	0000023927	7/30/96
SC-02321-S	LEAD	23.10		0.25	UG/G			EPA 6020	SOIL	METALS	1.00	L7555-25		LK0441.0	8/3/96	0000023927	7/30/96
SC-02321-S	RADIUM-226	1.42	0.12	0.34	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2850		WP0103.0	9/2/96	0000023927	7/30/96
SC-02321-S	RADIUM-228	ND		1.39	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2850		WP0103.0	9/2/96	0000023927	7/30/96
SC-02321-S	THALLIUM	0.30		0.25	UG/G			EPA 6020	SOIL	METALS	1.00	L7555-25	B	LK0441.0	8/3/96	0000023927	7/30/96
SC-02321-S	THORIUM-230	1.16	0.15	0.02	PCI/G			EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7555-7		LK0441.0	8/3/96	0000023927	7/30/96
SC-02321-S	URANIUM-238	ND		4.21	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2850		WP0103.0	9/2/96	0000023927	7/30/96
SC-02401-S	AROCLOR-1248	ND		16.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	L7555-44		LK0441.0	8/3/96	0000023598	7/30/96
SC-02401-S	AROCLOR-1254	ND		16.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	L7555-44		LK0441.0	8/3/96	0000023598	7/30/96
SC-02401-S	AROCLOR-1260	ND		16.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	L7555-44		LK0441.0	8/3/96	0000023598	7/30/96
SC-02401-S	ARSENIC	8.10		0.49	UG/G			EPA 6020	SOIL	METALS	1.00	L7555-26		LK0441.0	8/3/96	0000023598	7/30/96
SC-02401-S	CHROMIUM	22.00		0.25	UG/G			EPA 6020	SOIL	METALS	1.00	L7555-26		LK0441.0	8/3/96	0000023598	7/30/96
SC-02401-S	LEAD	15.40		0.25	UG/G			EPA 6020	SOIL	METALS	1.00	L7555-26		LK0441.0	8/3/96	0000023598	7/30/96
SC-02401-S	RADIUM-226	1.46	0.11	0.31	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2851		WP0103.0	9/2/96	0000023598	7/30/96
SC-02401-S	RADIUM-228	1.19	0.14	0.40	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2851		WP0103.0	9/2/96	0000023598	7/30/96
SC-02401-S	THALLIUM	ND		0.25	UG/G			EPA 6020	SOIL	METALS	1.00	L7555-26	U	LK0441.0	8/3/96	0000023598	7/30/96
SC-02401-S	THORIUM-230	1.35	0.16	0.03	PCI/G			EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7555-8		LK0441.0	8/3/96	0000023598	7/30/96
SC-02401-S	URANIUM-238	ND		3.18	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2851		WP0103.0	9/2/96	0000023598	7/30/96
SC-02402-C	AROCLOR-1248	ND		17.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	L7555-45		LK0441.0	8/3/96	0000023617	7/30/96
SC-02402-C	AROCLOR-1254	ND		17.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	L7555-45		LK0441.0	8/3/96	0000023617	7/30/96
SC-02402-C	AROCLOR-1260	ND		17.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	L7555-45		LK0441.0	8/3/96	0000023617	7/30/96
SC-02402-C	ARSENIC	8.00		0.52	UG/G			EPA 6020	SOIL	METALS	1.00	L7555-27		LK0441.0	8/3/96	0000023617	7/30/96
SC-02402-C	CHROMIUM	22.70		0.26	UG/G			EPA 6020	SOIL	METALS	1.00	L7555-27		LK0441.0	8/3/96	0000023617	7/30/96
SC-02402-C	LEAD	19.90		0.26	UG/G			EPA 6020	SOIL	METALS	1.00	L7555-27		LK0441.0	8/3/96	0000023617	7/30/96
SC-02402-C	RADIUM-226	1.32	0.12	0.40	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2852		WP0103.0	9/2/96	0000023617	7/30/96
SC-02402-C	RADIUM-228	1.12	0.15	0.38	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2852		WP0103.0	9/2/96	0000023617	7/30/96
SC-02402-C	THALLIUM	ND		0.26	UG/G			EPA 6020	SOIL	METALS	1.00	L7555-27	U	LK0441.0	8/3/96	0000023617	7/30/96
SC-02402-C	THORIUM-230	1.39	0.16	0.03	PCI/G			EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7555-8		LK0441.0	8/3/96	0000023617	7/30/96
SC-02402-C	URANIUM-238	ND		4.26	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2852		WP0103.0	9/2/96	0000023617	7/30/96
SC-02402-S	AROCLOR-1248	ND		16.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	L7555-47		LK0441.0	8/3/96	0000023599	7/30/96
SC-02402-S	AROCLOR-1254	ND		16.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	L7555-47		LK0441.0	8/3/96	0000023599	7/30/96
SC-02402-S	AROCLOR-1260	ND		16.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	L7555-47		LK0441.0	8/3/96	0000023599	7/30/96
SC-02402-S	ARSENIC	11.10		0.51	UG/G			EPA 6020	SOIL	METALS	1.00	L7555-29		LK0441.0	8/3/96	0000023599	7/30/96
SC-02402-S	CHROMIUM	26.20		0.25	UG/G			EPA 6020	SOIL	METALS	1.00	L7555-29		LK0441.0	8/3/96	0000023599	7/30/96
SC-02402-S	LEAD	16.60		0.25	UG/G			EPA 6020	SOIL	METALS	1.00	L7555-29		LK0441.0	8/3/96	0000023599	7/30/96
SC-02402-S	RADIUM-226	1.27	0.10	0.31	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2854		WP0103.0	9/2/96	0000023599	7/30/96
SC-02402-S	RADIUM-228	1.23	0.14	0.50	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2854		WP0103.0	9/2/96	0000023599	7/30/96
SC-02402-S	THALLIUM	ND		0.25	UG/G			EPA 6020	SOIL	METALS	1.00	L7555-29	U	LK0441.0	8/3/96	0000023599	7/30/96
SC-02402-S	THORIUM-230	1.25	0.26	0.07	PCI/G			EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7555-11		LK0441.0	8/5/96	0000023599	7/30/96
SC-02402-S	URANIUM-238	ND		9.37	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2854		WP0103.0	9/2/96	0000023599	7/30/96
SC-02403-S	AROCLOR-1248	ND		16.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	L7555-48		LK0441.0	8/3/96	0000023600	7/30/96
SC-02403-S	AROCLOR-1254	ND		16.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	L7555-48		LK0441.0	8/3/96	0000023600	7/30/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-02403-S	AROCLOR-1260	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7555-48		LK0441.0	8/3/96	0000023600	7/30/96
SC-02403-S	ARSENIC	7.50		0.48	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7555-30		LK0441.0	8/3/96	0000023600	7/30/96
SC-02403-S	CHROMIUM	29.60		0.24	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7555-30		LK0441.0	8/3/96	0000023600	7/30/96
SC-02403-S	LEAD	34.70		0.24	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7555-30		LK0441.0	8/3/96	0000023600	7/30/96
SC-02403-S	RADIUM-226	1.57	0.13	0.29	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2855		WP0103.0	9/2/96	0000023600	7/30/96
SC-02403-S	RADIUM-228	1.48	0.21	0.56	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2855		WP0103.0	9/2/96	0000023600	7/30/96
SC-02403-S	THALLIUM	ND		0.24	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7555-30	U	LK0441.0	8/3/96	0000023600	7/30/96
SC-02403-S	THORIUM-230	1.09	0.32	0.11	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7555-12		LK0441.0	8/5/96	0000023600	7/30/96
SC-02403-S	URANIUM-238	ND		3.98	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2855		WP0103.0	9/2/96	0000023600	7/30/96
SC-02404-S	AROCLOR-1248	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7555-49		LK0441.0	8/3/96	0000023601	7/30/96
SC-02404-S	AROCLOR-1254	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7555-49		LK0441.0	8/3/96	0000023601	7/30/96
SC-02404-S	AROCLOR-1260	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7555-49		LK0441.0	8/3/96	0000023601	7/30/96
SC-02404-S	ARSENIC	7.60		0.51	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7555-31		LK0441.0	8/3/96	0000023601	7/30/96
SC-02404-S	CHROMIUM	25.40		0.26	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7555-31		LK0441.0	8/3/96	0000023601	7/30/96
SC-02404-S	LEAD	14.30		0.26	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7555-31		LK0441.0	8/3/96	0000023601	7/30/96
SC-02404-S	RADIUM-226	1.40	0.10	0.28	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2856		WP0103.0	9/2/96	0000023601	7/30/96
SC-02404-S	RADIUM-228	1.23	0.13	0.45	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2856		WP0103.0	9/2/96	0000023601	7/30/96
SC-02404-S	THALLIUM	0.28		0.26	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7555-31	B	LK0441.0	8/3/96	0000023601	7/30/96
SC-02404-S	THORIUM-230	1.35	0.28	0.07	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7555-13		LK0441.0	8/5/96	0000023601	7/30/96
SC-02404-S	URANIUM-238	ND		3.17	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2856		WP0103.0	9/2/96	0000023601	7/30/96
SC-02405-S	AROCLOR-1248	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7555-50		LK0441.0	8/3/96	0000023602	7/30/96
SC-02405-S	AROCLOR-1254	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7555-50		LK0441.0	8/3/96	0000023602	7/30/96
SC-02405-S	AROCLOR-1260	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7555-50		LK0441.0	8/3/96	0000023602	7/30/96
SC-02405-S	ARSENIC	11.10		0.49	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7555-32		LK0441.0	8/3/96	0000023602	7/30/96
SC-02405-S	CHROMIUM	23.30		0.24	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7555-32		LK0441.0	8/3/96	0000023602	7/30/96
SC-02405-S	LEAD	20.30		0.24	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7555-32		LK0441.0	8/3/96	0000023602	7/30/96
SC-02405-S	RADIUM-226	1.20	0.10	0.33	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2857		WP0103.0	9/2/96	0000023602	7/30/96
SC-02405-S	RADIUM-228	1.13	0.12	0.32	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2857		WP0103.0	9/2/96	0000023602	7/30/96
SC-02405-S	THALLIUM	ND		0.24	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7555-32	U	LK0441.0	8/3/96	0000023602	7/30/96
SC-02405-S	THORIUM-230	0.78	0.19	0.06	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7555-14		LK0441.0	8/5/96	0000023602	7/30/96
SC-02405-S	URANIUM-238	ND		3.07	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2857		WP0103.0	9/2/96	0000023602	7/30/96
SC-02406-S	AROCLOR-1248	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7555-51		LK0441.0	8/3/96	0000023603	7/30/96
SC-02406-S	AROCLOR-1254	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7555-51		LK0441.0	8/3/96	0000023603	7/30/96
SC-02406-S	AROCLOR-1260	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7555-51		LK0441.0	8/3/96	0000023603	7/30/96
SC-02406-S	ARSENIC	6.00		0.49	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7555-33		LK0441.0	8/3/96	0000023603	7/30/96
SC-02406-S	CHROMIUM	24.00		0.24	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7555-33		LK0441.0	8/3/96	0000023603	7/30/96
SC-02406-S	LEAD	18.70		0.24	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7555-33		LK0441.0	8/3/96	0000023603	7/30/96
SC-02406-S	RADIUM-226	1.49	0.13	0.31	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2858		WP0103.0	9/2/96	0000023603	7/30/96
SC-02406-S	RADIUM-228	1.29	0.21	0.65	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2858		WP0103.0	9/2/96	0000023603	7/30/96
SC-02406-S	THALLIUM	ND		0.24	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7555-33	U	LK0441.0	8/3/96	0000023603	7/30/96
SC-02406-S	THORIUM-230	1.24	0.22	0.05	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7555-15		LK0441.0	8/5/96	0000023603	7/30/96
SC-02406-S	URANIUM-238	ND		4.15	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2858		WP0103.0	9/2/96	0000023603	7/30/96
SC-02407-S	AROCLOR-1248	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7555-52		LK0441.0	8/3/96	0000023604	7/30/96
SC-02407-S	AROCLOR-1254	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7555-52		LK0441.0	8/3/96	0000023604	7/30/96
SC-02407-S	AROCLOR-1260	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7555-52		LK0441.0	8/3/96	0000023604	7/30/96
SC-02407-S	ARSENIC	4.40		0.52	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7555-34		LK0441.0	8/3/96	0000023604	7/30/96
SC-02407-S	CHROMIUM	20.60		0.26	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7555-34		LK0441.0	8/3/96	0000023604	7/30/96
SC-02407-S	LEAD	13.40		0.26	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7555-34		LK0441.0	8/3/96	0000023604	7/30/96
SC-02407-S	RADIUM-226	1.52	0.10	0.33	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2859		WP0103.0	9/2/96	0000023604	7/30/96
SC-02407-S	RADIUM-228	1.46	0.14	0.53	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2859		WP0103.0	9/2/96	0000023604	7/30/96
SC-02407-S	THALLIUM	ND		0.26	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7555-34	U	LK0441.0	8/3/96	0000023604	7/30/96
SC-02407-S	THORIUM-230	0.95	0.20	0.08	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7555-16		LK0441.0	8/5/96	0000023604	7/30/96
SC-02407-S	URANIUM-238	ND		3.05	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2859		WP0103.0	9/2/96	0000023604	7/30/96
SC-02408-S	AROCLOR-1248	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7555-53		LK0441.0	8/3/96	0000023605	7/30/96
SC-02408-S	AROCLOR-1254	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7555-53		LK0441.0	8/3/96	0000023605	7/30/96
SC-02408-S	AROCLOR-1260	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7555-53		LK0441.0	8/3/96	0000023605	7/30/96
SC-02408-S	ARSENIC	5.40		0.50	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7555-35		LK0441.0	8/3/96	0000023605	7/30/96
SC-02408-S	CHROMIUM	22.60		0.25	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7555-35		LK0441.0	8/3/96	0000023605	7/30/96
SC-02408-S	LEAD	14.20		0.25	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7555-35		LK0441.0	8/3/96	0000023605	7/30/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-02408-S	RADIUM-226	1.13	0.11	0.39	PCI/G	=		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2860		WP0103.0	9/2/96	0000023605	7/30/96
SC-02408-S	RADIUM-228	1.02	0.15	0.51	PCI/G	=		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2860		WP0103.0	9/2/96	0000023605	7/30/96
SC-02408-S	THALLIUM	ND		0.25	UG/G	=		EPA 6020	SOIL	METALS	1.00	L7555-35	U	LK0441.0	8/3/96	0000023605	7/30/96
SC-02408-S	THORIUM-230	1.22	0.25	0.06	PCI/G	=		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7555-17		LK0441.0	8/5/96	0000023605	7/30/96
SC-02408-S	URANIUM-238	ND		3.82	PCI/G	=		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2860		WP0103.0	9/2/96	0000023605	7/30/96
SC-02409-S	AROCLOR-1248	ND		18.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	L7555-54		LK0441.0	8/3/96	0000023606	7/30/96
SC-02409-S	AROCLOR-1254	ND		18.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	L7555-54		LK0441.0	8/3/96	0000023606	7/30/96
SC-02409-S	AROCLOR-1260	ND		18.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	L7555-54		LK0441.0	8/3/96	0000023606	7/30/96
SC-02409-S	ARSENIC	6.40		0.55	UG/G	=		EPA 6020	SOIL	METALS	1.00	L7555-36		LK0441.0	8/3/96	0000023606	7/30/96
SC-02409-S	CHROMIUM	25.50		0.28	UG/G	=		EPA 6020	SOIL	METALS	1.00	L7555-38		LK0441.0	8/3/96	0000023606	7/30/96
SC-02409-S	LEAD	12.50		0.28	UG/G	=		EPA 6020	SOIL	METALS	1.00	L7555-38		LK0441.0	8/3/96	0000023606	7/30/96
SC-02409-S	RADIUM-226	1.22	0.09	0.32	PCI/G	=		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2861		WP0103.0	9/2/96	0000023606	7/30/96
SC-02409-S	RADIUM-228	1.00	0.12	0.49	PCI/G	=		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2861		WP0103.0	9/2/96	0000023606	7/30/96
SC-02409-S	THALLIUM	ND		0.28	UG/G	=		EPA 6020	SOIL	METALS	1.00	L7555-36	U	LK0441.0	8/3/96	0000023606	7/30/96
SC-02409-S	THORIUM-230	1.40	0.28	0.07	PCI/G	=		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7555-18		LK0441.0	8/5/96	0000023606	7/30/96
SC-02409-S	URANIUM-238	5.21	0.81	2.49	PCI/G	=		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2861		WP0103.0	9/2/96	0000023606	7/30/96
SC-02410-S	AROCLOR-1248	ND		17.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	L7556-23		LK0442.0	8/3/96	0000023607	7/30/96
SC-02410-S	AROCLOR-1254	ND		17.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	L7556-23		LK0442.0	8/3/96	0000023607	7/30/96
SC-02410-S	AROCLOR-1260	ND		17.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	L7556-23		LK0442.0	8/3/96	0000023607	7/30/96
SC-02410-S	ARSENIC	11.50		0.52	UG/G	=		EPA 6020	SOIL	METALS	1.00	L7556-12		LK0442.0	8/3/96	0000023607	7/30/96
SC-02410-S	CHROMIUM	33.10		0.26	UG/G	=		EPA 6020	SOIL	METALS	1.00	L7556-12		LK0442.0	8/3/96	0000023607	7/30/96
SC-02410-S	LEAD	16.80		0.26	UG/G	=		EPA 6020	SOIL	METALS	1.00	L7556-12		LK0442.0	8/3/96	0000023607	7/30/96
SC-02410-S	RADIUM-226	1.35	0.13	0.40	PCI/G	=		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2862		WP0104.0	9/2/96	0000023607	7/30/96
SC-02410-S	RADIUM-228	1.17	0.19	0.69	PCI/G	=		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2862		WP0104.0	9/2/96	0000023607	7/30/96
SC-02410-S	THALLIUM	0.36		0.26	UG/G	=		EPA 6020	SOIL	METALS	1.00	L7556-12	B	LK0442.0	8/3/96	0000023607	7/30/96
SC-02410-S	THORIUM-230	1.38	0.18	0.03	PCI/G	=		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7556-1		LK0442.0	8/3/96	0000023607	7/30/96
SC-02410-S	URANIUM-238	ND		4.15	PCI/G	=		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2862		WP0104.0	9/2/96	0000023607	7/30/96
SC-02411-S	AROCLOR-1248	ND		16.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	L7556-24		LK0442.0	8/3/96	0000023608	7/30/96
SC-02411-S	AROCLOR-1254	ND		16.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	L7556-24		LK0442.0	8/3/96	0000023608	7/30/96
SC-02411-S	AROCLOR-1260	ND		16.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	L7556-24		LK0442.0	8/3/96	0000023608	7/30/96
SC-02411-S	ARSENIC	8.40		0.51	UG/G	=		EPA 6020	SOIL	METALS	1.00	L7556-13		LK0442.0	8/3/96	0000023608	7/30/96
SC-02411-S	CHROMIUM	27.70		0.25	UG/G	=		EPA 6020	SOIL	METALS	1.00	L7556-13		LK0442.0	8/3/96	0000023608	7/30/96
SC-02411-S	LEAD	15.30		0.25	UG/G	=		EPA 6020	SOIL	METALS	1.00	L7556-13		LK0442.0	8/3/96	0000023608	7/30/96
SC-02411-S	RADIUM-226	1.55	0.10	0.31	PCI/G	=		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2863		WP0104.0	9/2/96	0000023608	7/30/96
SC-02411-S	RADIUM-228	1.18	0.12	0.40	PCI/G	=		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2863		WP0104.0	9/2/96	0000023608	7/30/96
SC-02411-S	THALLIUM	0.34		0.25	UG/G	=		EPA 6020	SOIL	METALS	1.00	L7556-13	B	LK0442.0	8/3/96	0000023608	7/30/96
SC-02411-S	THORIUM-230	1.05	0.14	0.04	PCI/G	=		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7556-2		LK0442.0	8/4/96	0000023608	7/30/96
SC-02411-S	URANIUM-238	ND		3.06	PCI/G	=		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2863		WP0104.0	9/2/96	0000023608	7/30/96
SC-02412-S	AROCLOR-1248	ND		17.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	L7556-25		LK0442.0	8/3/96	0000023609	7/30/96
SC-02412-S	AROCLOR-1254	ND		17.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	L7556-25		LK0442.0	8/3/96	0000023609	7/30/96
SC-02412-S	AROCLOR-1260	ND		17.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	L7556-25		LK0442.0	8/3/96	0000023609	7/30/96
SC-02412-S	ARSENIC	8.50		0.51	UG/G	=		EPA 6020	SOIL	METALS	1.00	L7556-14		LK0442.0	8/3/96	0000023609	7/30/96
SC-02412-S	CHROMIUM	29.50		0.26	UG/G	=		EPA 6020	SOIL	METALS	1.00	L7556-14		LK0442.0	8/3/96	0000023609	7/30/96
SC-02412-S	LEAD	17.80		0.26	UG/G	=		EPA 6020	SOIL	METALS	1.00	L7556-14		LK0442.0	8/3/96	0000023609	7/30/96
SC-02412-S	RADIUM-226	1.40	0.13	0.40	PCI/G	=		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2864		WP0104.0	9/2/96	0000023609	7/30/96
SC-02412-S	RADIUM-228	1.36	0.19	0.52	PCI/G	=		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2864		WP0104.0	9/2/96	0000023609	7/30/96
SC-02412-S	THALLIUM	0.33		0.26	UG/G	=		EPA 6020	SOIL	METALS	1.00	L7556-14	B	LK0442.0	8/3/96	0000023609	7/30/96
SC-02412-S	THORIUM-230	1.16	0.14	0.03	PCI/G	=		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7556-3		LK0442.0	8/4/96	0000023609	7/30/96
SC-02412-S	URANIUM-238	ND		4.34	PCI/G	=		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2864		WP0104.0	9/2/96	0000023609	7/30/96
SC-02413-C	AROCLOR-1248	ND		18.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	L7556-26		LK0442.0	8/3/96	0000023618	7/30/96
SC-02413-C	AROCLOR-1254	ND		18.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	L7556-26		LK0442.0	8/3/96	0000023618	7/30/96
SC-02413-C	AROCLOR-1260	ND		18.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	L7556-26		LK0442.0	8/3/96	0000023618	7/30/96
SC-02413-C	ARSENIC	8.80		0.48	UG/G	=		EPA 6020	SOIL	METALS	1.00	L7556-15		LK0442.0	8/3/96	0000023618	7/30/96
SC-02413-C	CHROMIUM	23.70		0.24	UG/G	=		EPA 6020	SOIL	METALS	1.00	L7556-15		LK0442.0	8/3/96	0000023618	7/30/96
SC-02413-C	LEAD	20.00		0.24	UG/G	=		EPA 6020	SOIL	METALS	1.00	L7556-15		LK0442.0	8/3/96	0000023618	7/30/96
SC-02413-C	RADIUM-226	1.61	0.10	0.30	PCI/G	=		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2865		WP0104.0	9/2/96	0000023618	7/30/96
SC-02413-C	RADIUM-228	1.49	0.13	0.41	PCI/G	=		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2865		WP0104.0	9/2/96	0000023618	7/30/96
SC-02413-C	THALLIUM	ND		0.24	UG/G	=		EPA 6020	SOIL	METALS	1.00	L7556-15	U	LK0442.0	8/3/96	0000023618	7/30/96
SC-02413-C	THORIUM-230	1.19	0.16	0.03	PCI/G	=		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7556-4		LK0442.0	8/3/96	0000023618	7/30/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-02413-C	URANIUM-235	ND		2.98	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2865		WP0104.0	9/2/96	0000023610	7/30/96
SC-02413-S	AROCLOR-1248	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7556-27		LK0442.0	8/3/96	0000023610	7/30/96
SC-02413-S	AROCLOR-1254	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7556-27		LK0442.0	8/3/96	0000023610	7/30/96
SC-02413-S	AROCLOR-1260	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7556-27		LK0442.0	8/3/96	0000023610	7/30/96
SC-02413-S	ARSENIC	4.30		0.49	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7556-16		LK0442.0	8/3/96	0000023610	7/30/96
SC-02413-S	CHROMIUM	24.80		0.25	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7556-16		LK0442.0	8/3/96	0000023610	7/30/96
SC-02413-S	LEAD	14.50		0.25	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7556-16		LK0442.0	8/3/96	0000023610	7/30/96
SC-02413-S	RADIUM-226	0.97	0.11	0.35	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2866		WP0104.0	9/2/96	0000023610	7/30/96
SC-02413-S	RADIUM-228	1.12	0.17	0.34	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2866		WP0104.0	9/2/96	0000023610	7/30/96
SC-02413-S	THALLIUM	ND		0.25	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7556-16	U	LK0442.0	8/3/96	0000023610	7/30/96
SC-02413-S	THORIUM-230	1.02	0.15	0.03	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7556-5		LK0442.0	8/3/96	0000023610	7/30/96
SC-02413-S	URANIUM-238	ND		3.74	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2866		WP0104.0	9/2/96	0000023610	7/30/96
SC-02414-S	AROCLOR-1248	ND		15.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7556-28		LK0442.0	8/3/96	0000023611	7/30/96
SC-02414-S	AROCLOR-1254	ND		15.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7556-28		LK0442.0	8/3/96	0000023611	7/30/96
SC-02414-S	AROCLOR-1260	ND		15.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7556-28		LK0442.0	8/3/96	0000023611	7/30/96
SC-02414-S	ARSENIC	5.10		0.47	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7556-17		LK0442.0	8/3/96	0000023611	7/30/96
SC-02414-S	CHROMIUM	21.20		0.23	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7556-17		LK0442.0	8/3/96	0000023611	7/30/96
SC-02414-S	LEAD	10.30		0.23	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7556-17		LK0442.0	8/3/96	0000023611	7/30/96
SC-02414-S	RADIUM-226	1.58	0.13	0.31	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2867		WP0104.0	9/2/96	0000023611	7/30/96
SC-02414-S	RADIUM-228	0.98	0.18	0.60	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2867		WP0104.0	9/2/96	0000023611	7/30/96
SC-02414-S	THALLIUM	ND		0.23	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7556-17	U	LK0442.0	8/3/96	0000023611	7/30/96
SC-02414-S	THORIUM-230	0.99	0.15	0.03	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7556-6		LK0442.0	8/3/96	0000023611	7/30/96
SC-02414-S	URANIUM-238	ND		3.92	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2867		WP0104.0	9/2/96	0000023611	7/30/96
SC-02415-S	AROCLOR-1248	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7556-29		LK0442.0	8/3/96	0000023612	7/30/96
SC-02415-S	AROCLOR-1254	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7556-29		LK0442.0	8/3/96	0000023612	7/30/96
SC-02415-S	AROCLOR-1260	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7556-29		LK0442.0	8/3/96	0000023612	7/30/96
SC-02415-S	ARSENIC	3.10		0.47	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7556-18		LK0442.0	8/3/96	0000023612	7/30/96
SC-02415-S	CHROMIUM	24.40		0.23	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7556-18		LK0442.0	8/3/96	0000023612	7/30/96
SC-02415-S	LEAD	8.90		0.23	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7556-18		LK0442.0	8/3/96	0000023612	7/30/96
SC-02415-S	RADIUM-226	1.96	0.10	0.31	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2868		WP0104.0	9/2/96	0000023612	7/30/96
SC-02415-S	RADIUM-228	1.18	0.14	0.51	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2868		WP0104.0	9/2/96	0000023612	7/30/96
SC-02415-S	THALLIUM	ND		0.23	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7556-18	U	LK0442.0	8/3/96	0000023612	7/30/96
SC-02415-S	THORIUM-230	1.16	0.17	0.05	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7556-7		LK0442.0	8/3/96	0000023612	7/30/96
SC-02415-S	URANIUM-238	ND		3.16	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2868		WP0104.0	9/2/96	0000023612	7/30/96
SC-02416-S	AROCLOR-1248	ND		15.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7556-30		LK0442.0	8/3/96	0000023613	7/30/96
SC-02416-S	AROCLOR-1254	ND		15.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7556-30		LK0442.0	8/3/96	0000023613	7/30/96
SC-02416-S	AROCLOR-1260	76.00		15.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7556-30		LK0442.0	8/3/96	0000023613	7/30/96
SC-02416-S	ARSENIC	3.10		0.46	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7556-19		LK0442.0	8/3/96	0000023613	7/30/96
SC-02416-S	CHROMIUM	7.10		0.23	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7556-19		LK0442.0	8/3/96	0000023613	7/30/96
SC-02416-S	LEAD	14.60		0.23	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7556-19		LK0442.0	8/3/96	0000023613	7/30/96
SC-02416-S	RADIUM-226	1.07	0.11	0.29	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2869		WP0104.0	9/2/96	0000023613	7/30/96
SC-02416-S	RADIUM-228	ND		1.05	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2869		WP0104.0	9/2/96	0000023613	7/30/96
SC-02416-S	THALLIUM	ND		0.23	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7556-19	U	LK0442.0	8/3/96	0000023613	7/30/96
SC-02416-S	THORIUM-230	0.75	0.16	0.05	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7556-8		LK0442.0	8/5/96	0000023613	7/30/96
SC-02416-S	URANIUM-238	ND		3.59	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2869		WP0104.0	9/2/96	0000023613	7/30/96
SC-02417-S	AROCLOR-1248	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7556-31		LK0442.0	8/3/96	0000023614	7/30/96
SC-02417-S	AROCLOR-1254	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7556-31		LK0442.0	8/3/96	0000023614	7/30/96
SC-02417-S	AROCLOR-1260	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7556-31		LK0442.0	8/3/96	0000023614	7/30/96
SC-02417-S	ARSENIC	6.00		0.48	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7556-20		LK0442.0	8/3/96	0000023614	7/30/96
SC-02417-S	CHROMIUM	30.30		0.24	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7556-20		LK0442.0	8/3/96	0000023614	7/30/96
SC-02417-S	LEAD	13.00		0.24	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7556-20		LK0442.0	8/3/96	0000023614	7/30/96
SC-02417-S	RADIUM-226	1.56	0.11	0.33	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2870		WP0104.0	9/2/96	0000023614	7/30/96
SC-02417-S	RADIUM-228	1.32	0.15	0.50	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2870		WP0104.0	9/2/96	0000023614	7/30/96
SC-02417-S	THALLIUM	0.26		0.24	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7556-20	B	LK0442.0	8/3/96	0000023614	7/30/96
SC-02417-S	THORIUM-230	1.21	0.22	0.04	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7556-9		LK0442.0	8/5/96	0000023614	7/30/96
SC-02417-S	URANIUM-238	ND		3.22	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2870		WP0104.0	9/2/96	0000023614	7/30/96
SC-02418-S	AROCLOR-1248	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7556-32		LK0442.0	8/3/96	0000023615	7/30/96
SC-02418-S	AROCLOR-1254	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7556-32		LK0442.0	8/3/96	0000023615	7/30/96
SC-02418-S	AROCLOR-1260	17.00		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7556-32		LK0442.0	8/3/96	0000023615	7/30/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-02418-S	ARSENIC	6.50		0.49	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7556-21		LK0442.0	8/3/96	0000023615	7/30/96
SC-02418-S	CHROMIUM	25.30		0.25	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7556-21		LK0442.0	8/3/96	0000023615	7/30/96
SC-02418-S	LEAD	15.20		0.25	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7556-21		LK0442.0	8/3/96	0000023615	7/30/96
SC-02418-S	RADIUM-226	1.34	0.09	0.26	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2671		WP0104.0	9/2/96	0000023615	7/30/96
SC-02418-S	RADIUM-228	1.01	0.12	0.42	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2671		WP0104.0	9/2/96	0000023615	7/30/96
SC-02418-S	THALLIUM	ND		0.25	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7556-21	U	LK0442.0	8/3/96	0000023615	7/30/96
SC-02418-S	THORIUM-230	1.22	0.29	0.08	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7556-10		LK0442.0	8/5/96	0000023615	7/30/96
SC-02418-S	URANIUM-238	ND		3.25	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2671		WP0104.0	9/2/96	0000023615	7/30/96
SC-02419-S	AROCLOR-1248	ND		17.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7556-33		LK0442.0	8/3/96	0000023616	7/30/96
SC-02419-S	AROCLOR-1254	ND		17.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7556-33		LK0442.0	8/3/96	0000023616	7/30/96
SC-02419-S	AROCLOR-1260	ND		17.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7556-33		LK0442.0	8/3/96	0000023616	7/30/96
SC-02419-S	ARSENIC	7.00		0.52	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7556-22		LK0442.0	8/3/96	0000023616	7/30/96
SC-02419-S	CHROMIUM	28.60		0.26	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7556-22		LK0442.0	8/3/96	0000023616	7/30/96
SC-02419-S	LEAD	15.10		0.26	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7556-22		LK0442.0	8/3/96	0000023616	7/30/96
SC-02419-S	RADIUM-226	1.51	0.10	0.27	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2672		WP0104.0	9/2/96	0000023616	7/30/96
SC-02419-S	RADIUM-228	1.17	0.12	0.44	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2672		WP0104.0	9/2/96	0000023616	7/30/96
SC-02419-S	THALLIUM	ND		0.26	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7556-22	U	LK0442.0	8/3/96	0000023616	7/30/96
SC-02419-S	THORIUM-230	1.31	0.31	0.09	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7556-11		LK0442.0	8/5/96	0000023616	7/30/96
SC-02419-S	URANIUM-238	ND		3.07	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2672		WP0104.0	9/2/96	0000023616	7/30/96
SC-02501-S	AROCLOR-1248	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11277001	U	QT1380.0	6/7/96	0000023453	6/5/96
SC-02501-S	AROCLOR-1254	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11277001	U	QT1380.0	6/7/96	0000023453	6/5/96
SC-02501-S	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11277001	U	QT1380.0	6/7/96	0000023453	6/5/96
SC-02501-S	LEAD	17.10		0.15	UG/G	*		EPA CLP	SOIL	METALS	1.00	11277001		QT1380.0	6/6/96	0000023453	6/5/96
SC-02501-S	RADIUM-226	1.61	0.14	0.49	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2388		WP0081.0	7/8/96	0000023453	6/5/96
SC-02501-S	RADIUM-228	1.73	0.20	0.61	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2388		WP0081.0	7/8/96	0000023453	6/5/96
SC-02501-S	URANIUM-238	ND		4.10	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2388		WP0081.0	7/8/96	0000023453	6/5/96
SC-02501-S-RE	THORIUM-230	2.61	0.11	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3415		WP0098.0	8/21/96	0000028635	8/5/96
SC-02501-S-RS	THORIUM-230	1.61	0.46	0.15	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11366001		QT1392.0	8/17/96	0000026047	8/14/96
SC-02501-U	AROCLOR-1248	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11300001	U	QT1382.0	6/10/96	0000027882	6/5/96
SC-02501-U	AROCLOR-1254	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11300001	U	QT1382.0	6/10/96	0000027882	6/5/96
SC-02501-U	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11300001	U	QT1382.0	6/10/96	0000027882	6/5/96
SC-02501-U	LEAD	17.00		0.14	UG/G	*		EPA CLP	SOIL	METALS	1.00	11300001		QT1382.0	6/7/96	0000027882	6/5/96
SC-02501-U	RADIUM-226	1.39	0.13	0.39	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2437		WP0083.0	7/10/96	0000027882	6/5/96
SC-02501-U	RADIUM-228	0.94	0.21	0.56	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2437		WP0083.0	7/10/96	0000027882	6/5/96
SC-02501-U	THORIUM-230	2.35	0.67	0.24	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11300001		QT1382.0	6/10/96	0000027882	6/5/96
SC-02501-U	URANIUM-238	ND		4.31	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2437		WP0083.0	7/10/96	0000027882	6/5/96
SC-02502-C	AROCLOR-1248	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11277003	U	QT1380.0	6/6/96	0000023455	6/5/96
SC-02502-C	AROCLOR-1254	91.00		41.00	UG/KG	*	INCLUDES AROCLOR-1260	EPA 8080A	SOIL	PEST/PCBS	1.00	11277003		QT1380.0	6/6/96	0000023455	6/5/96
SC-02502-C	AROCLOR-1260	ND		41.00	UG/KG	*	INTERFERENCE FROM AROCLOR-1254	EPA 8080A	SOIL	PEST/PCBS	1.00	11277003	U	QT1380.0	6/6/96	0000023455	6/5/96
SC-02502-C	LEAD	16.70		0.15	UG/G	*		EPA CLP	SOIL	METALS	1.00	11277003		QT1380.0	6/6/96	0000023455	6/5/96
SC-02502-C	RADIUM-226	1.27	0.09	0.24	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2390		WP0081.0	7/8/96	0000023455	6/5/96
SC-02502-C	RADIUM-228	1.04	0.12	0.31	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2390		WP0081.0	7/8/96	0000023455	6/5/96
SC-02502-C	URANIUM-238	ND		3.38	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2390		WP0081.0	7/8/96	0000023455	6/5/96
SC-02502-C-RE	THORIUM-230	2.82	0.14	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3416		WP0098.0	7/9/96	0000028636	6/5/96
SC-02502-C-RS	THORIUM-230	1.65	0.49	0.14	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11366002		QT1392.0	8/17/96	0000026050	8/14/96
SC-02502-S	AROCLOR-1248	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11277004	U	QT1380.0	6/6/96	0000023474	6/5/96
SC-02502-S	AROCLOR-1254	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11277004	U	QT1380.0	6/6/96	0000023474	6/5/96
SC-02502-S	AROCLOR-1260	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11277004	U	QT1380.0	6/6/96	0000023474	6/5/96
SC-02502-S	LEAD	15.10		0.15	UG/G	*		EPA CLP	SOIL	METALS	1.00	11277004		QT1380.0	6/6/96	0000023474	6/5/96
SC-02502-S	RADIUM-226	1.42	0.13	0.41	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2391		WP0081.0	7/8/96	0000023474	6/5/96
SC-02502-S	RADIUM-228	1.28	0.20	0.50	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2391		WP0081.0	7/8/96	0000023474	6/5/96
SC-02502-S	URANIUM-238	ND		4.04	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2391		WP0081.0	7/8/96	0000023474	6/5/96
SC-02502-S-RE	THORIUM-230	2.81	0.15	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3417		WP0098.0	7/9/96	0000028638	6/5/96
SC-02502-S-RS	THORIUM-230	1.33	0.40	0.09	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11366003		QT1392.0	8/17/96	0000026056	8/14/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB RECD	DATE ANA	SAMPLINK	DATE SAMPLED
SC-02502-U	AROCLOR-1248	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11300002	U	QT1382.0	6/10/96	0000027883	6/5/96
SC-02502-U	AROCLOR-1254	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11300002	U	QT1382.0	6/10/96	0000027883	6/5/96
SC-02502-U	AROCLOR-1260	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11300002	U	QT1382.0	6/10/96	0000027883	6/5/96
SC-02502-U	LEAD	15.00		0.15	UG/G	*		EPA CLP	SOIL	METALS	1.00	11300002		QT1382.0	6/7/96	0000027883	6/5/96
SC-02502-U	RADIUM-226	1.42	0.10	0.29	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2438		WP0083.0	7/10/96	0000027883	6/5/96
SC-02502-U	RADIUM-228	1.28	0.13	0.44	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2438		WP0083.0	7/10/96	0000027883	6/5/96
SC-02502-U	THORIUM-230	1.69	0.50	0.18	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11300002		QT1382.0	6/10/96	0000027883	6/5/96
SC-02502-U	URANIUM-238	ND		3.15	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2438		WP0083.0	7/10/96	0000027883	6/5/96
SC-02503-S	AROCLOR-1248	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11277005	U	QT1380.0	6/6/96	0000023475	6/5/96
SC-02503-S	AROCLOR-1254	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11277005	U	QT1380.0	6/6/96	0000023475	6/5/96
SC-02503-S	AROCLOR-1260	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11277005	U	QT1380.0	6/6/96	0000023475	6/5/96
SC-02503-S	LEAD	18.40		0.15	UG/G	*		EPA CLP	SOIL	METALS	1.00	11277005		QT1380.0	6/6/96	0000023475	6/5/96
SC-02503-S	RADIUM-226	1.51	0.10	0.34	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2392		WP0081.0	7/8/96	0000023475	6/5/96
SC-02503-S	RADIUM-228	1.30	0.12	0.38	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2392		WP0081.0	7/8/96	0000023475	6/5/96
SC-02503-S	URANIUM-238	ND		3.02	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2392		WP0081.0	7/8/96	0000023475	6/5/96
SC-02503-S-RE	THORIUM-230	2.75	0.15	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3418		WP0098.0	7/10/96	0000028643	6/5/96
SC-02503-U	AROCLOR-1248	ND		45.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11300003	U	QT1382.0	6/10/96	0000027884	6/5/96
SC-02503-U	AROCLOR-1254	ND		45.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11300003	U	QT1382.0	6/10/96	0000027884	6/5/96
SC-02503-U	AROCLOR-1260	ND		45.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11300003	U	QT1382.0	6/10/96	0000027884	6/5/96
SC-02503-U	LEAD	23.60		0.16	UG/G	*		EPA CLP	SOIL	METALS	1.00	11300003		QT1382.0	6/7/96	0000027884	6/5/96
SC-02503-U	RADIUM-226	1.64	0.11	0.32	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2439		WP0083.0	7/10/96	0000027884	6/5/96
SC-02503-U	RADIUM-228	1.29	0.13	0.47	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2439		WP0083.0	7/10/96	0000027884	6/5/96
SC-02503-U	THORIUM-230	1.91	0.55	0.25	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11300003		QT1382.0	6/10/96	0000027884	6/5/96
SC-02503-U	URANIUM-238	ND		3.26	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2439		WP0083.0	7/10/96	0000027884	6/5/96
SC-02504-S	AROCLOR-1248	ND		43.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11277006	U	QT1380.0	6/6/96	0000023476	6/5/96
SC-02504-S	AROCLOR-1254	ND		43.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11277006	U	QT1380.0	6/6/96	0000023476	6/5/96
SC-02504-S	AROCLOR-1260	ND		43.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11277006	U	QT1380.0	6/6/96	0000023476	6/5/96
SC-02504-S	LEAD	17.50		0.16	UG/G	*		EPA CLP	SOIL	METALS	1.00	11277006		QT1380.0	6/6/96	0000023476	6/5/96
SC-02504-S	RADIUM-226	1.36	0.13	0.30	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2393		WP0081.0	7/8/96	0000023476	6/5/96
SC-02504-S	RADIUM-228	0.88	0.16	0.47	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2393		WP0081.0	7/8/96	0000023476	6/5/96
SC-02504-S	URANIUM-238	ND		4.21	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2393		WP0081.0	7/8/96	0000023476	6/5/96
SC-02504-S-RE	THORIUM-230	1.17	0.13	0.72	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC2393		WP0179.0	10/30/96	0000031559	6/5/96
SC-02504-S-RS	THORIUM-230	1.45	0.47	0.15	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11366004		QT1392.0	6/17/96	0000028052	6/14/96
SC-02505-S	AROCLOR-1248	ND		38.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	10905001	U	QT1336.0	4/22/96	0000023477	4/19/96
SC-02505-S	AROCLOR-1254	ND		38.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	10905001	U	QT1336.0	4/22/96	0000023477	4/19/96
SC-02505-S	AROCLOR-1260	ND		38.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	10905001	U	QT1336.0	4/22/96	0000023477	4/19/96
SC-02505-S	LEAD	14.40		0.14	UG/G	A		EPA CLP	SOIL	METALS	1.00	10905001		QT1336.0	4/20/96	0000023477	4/19/96
SC-02505-S	RADIUM-226	1.38	0.13	0.48	PCI/G	JE	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2324		WP0074.0	5/23/96	0000023477	4/19/96
SC-02505-S	RADIUM-228	1.06	0.17	0.88	PCI/G	JE	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2324		WP0074.0	5/23/96	0000023477	4/19/96
SC-02505-S	THORIUM-230	0.87	0.24	0.07	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	10905001		QT1336.0	4/22/96	0000023477	4/19/96
SC-02505-S	URANIUM-238	ND		4.04	PCI/G	U	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2324		WP0074.0	5/23/96	0000023477	4/19/96
SC-02506-C	AROCLOR-1248	ND		35.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	10905002	U	QT1336.0	4/20/96	0000023479	4/19/96
SC-02506-C	AROCLOR-1254	ND		35.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	10905002	U	QT1336.0	4/20/96	0000023479	4/19/96
SC-02506-C	AROCLOR-1260	ND		35.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	10905002	U	QT1336.0	4/20/96	0000023479	4/19/96
SC-02506-C	LEAD	19.50		0.13	UG/G	A		EPA CLP	SOIL	METALS	1.00	10905002		QT1336.0	4/20/96	0000023479	4/19/96
SC-02506-C	RADIUM-226	1.37	0.10	0.32	PCI/G	JE	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2325		WP0074.0	5/23/96	0000023479	4/19/96
SC-02506-C	RADIUM-228	1.21	0.13	0.42	PCI/G	JE	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2325		WP0074.0	5/23/96	0000023479	4/19/96
SC-02506-C	THORIUM-230	0.84	0.20	0.04	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	10905002		QT1336.0	4/22/96	0000023479	4/19/96
SC-02506-C	URANIUM-238	ND		3.09	PCI/G	U	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2325		WP0074.0	5/23/96		4/19/96
SC-02506-S	AROCLOR-1248	ND		36.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	10905003	U	QT1336.0	4/22/96	0000023478	4/19/96
SC-02506-S	AROCLOR-1254	ND		36.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	10905003	U	QT1336.0	4/22/96	0000023478	4/19/96
SC-02506-S	AROCLOR-1260	ND		36.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	10905003	U	QT1336.0	4/22/96	0000023478	4/19/96
SC-02506-S	LEAD	13.00		0.13	UG/G	A		EPA CLP	SOIL	METALS	1.00	10905003		QT1336.0	4/20/96	0000023478	4/19/96
SC-02506-S	RADIUM-226	1.45	0.12	0.23	PCI/G	JE	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2326		WP0074.0	5/23/96	0000023478	4/19/96
SC-02506-S	RADIUM-228	1.73	0.23	0.50	PCI/G	JE	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2326		WP0074.0	5/23/96	0000023478	4/19/96
SC-02506-S	THORIUM-230	0.42	0.14	0.05	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	10905003		QT1336.0	4/22/96	0000023478	4/19/96
SC-02506-S	URANIUM-238	ND		4.04	PCI/G	U	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2326		WP0074.0	5/23/96	0000023478	4/19/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-02507-C	AROCLOR-1248	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11277007	U	QT1380.0	6/6/96	0000023482	6/5/96
SC-02507-C	AROCLOR-1254	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11277007	U	QT1380.0	6/6/96	0000023482	6/5/96
SC-02507-C	AROCLOR-1260	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11277007	U	QT1380.0	6/6/96	0000023482	6/5/96
SC-02507-C	LEAD	24.70		0.14	UG/G	*		EPA CLP	SOIL	METALS	1.00	11277007		QT1380.0	6/6/96	0000023482	6/5/96
SC-02507-C	RADIUM-226	1.40	0.10	0.24	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2394		WP0061.0	7/8/96	0000023482	6/5/96
SC-02507-C	RADIUM-228	1.16	0.16	0.45	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2394		WP0061.0	7/8/96	0000023482	6/5/96
SC-02507-C	URANIUM-238	ND		3.28	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2394		WP0061.0	7/8/96	0000023482	6/5/96
SC-02507-C-RE	THORIUM-230	1.03	0.12	0.72	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC2394		WP0179.0	10/30/96	0000031561	6/5/96
SC-02507-S	AROCLOR-1248	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11277008	U	QT1380.0	6/7/96	0000023480	6/5/96
SC-02507-S	AROCLOR-1254	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11277008	U	QT1380.0	6/7/96	0000023480	6/5/96
SC-02507-S	AROCLOR-1260	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11277008	U	QT1380.0	6/7/96	0000023480	6/5/96
SC-02507-S	LEAD	22.50		0.15	UG/G	*		EPA CLP	SOIL	METALS	1.00	11277008		QT1380.0	6/6/96	0000023480	6/5/96
SC-02507-S	RADIUM-226	1.42	0.13	0.39	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2395		WP0061.0	7/8/96	0000023480	6/5/96
SC-02507-S	RADIUM-228	1.46	0.21	0.47	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2395		WP0061.0	7/8/96	0000023480	6/5/96
SC-02507-S	URANIUM-238	ND		4.04	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2395		WP0061.0	7/8/96	0000023480	6/5/96
SC-02507-S-RE	THORIUM-230	1.15	0.13	0.72	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC2395		WP0179.0	10/30/96	0000031562	6/5/96
SC-02508-S	AROCLOR-1248	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11277009	U	QT1380.0	6/6/96	0000023481	6/5/96
SC-02508-S	AROCLOR-1254	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11277009	U	QT1380.0	6/6/96	0000023481	6/5/96
SC-02508-S	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11277009	U	QT1380.0	6/6/96	0000023481	6/5/96
SC-02508-S	LEAD	16.40		0.14	UG/G	*		EPA CLP	SOIL	METALS	1.00	11277009		QT1380.0	6/6/96	0000023481	6/5/96
SC-02508-S	RADIUM-226	1.43	0.10	0.27	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2396		WP0061.0	7/8/96	0000023481	6/5/96
SC-02508-S	RADIUM-228	1.29	0.14	0.39	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2396		WP0061.0	7/8/96	0000023481	6/5/96
SC-02508-S	URANIUM-238	ND		3.06	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2396		WP0061.0	7/8/96	0000023481	6/5/96
SC-02508-S-RE	THORIUM-230	1.22	0.13	0.72	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC2396		WP0179.0	10/30/96	0000031563	6/5/96
SC-02509-S	AROCLOR-1248	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11277010	U	QT1380.0	6/7/96	0000023483	6/5/96
SC-02509-S	AROCLOR-1254	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11277010	U	QT1380.0	6/7/96	0000023483	6/5/96
SC-02509-S	AROCLOR-1260	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11277010	U	QT1380.0	6/7/96	0000023483	6/5/96
SC-02509-S	LEAD	13.90		0.14	UG/G	*		EPA CLP	SOIL	METALS	1.00	11277010		QT1380.0	6/6/96	0000023483	6/5/96
SC-02509-S	RADIUM-226	1.41	0.13	0.37	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2397		WP0061.0	7/11/96	0000023483	6/5/96
SC-02509-S	RADIUM-228	1.23	0.19	0.54	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2397		WP0061.0	7/11/96	0000023483	6/5/96
SC-02509-S	URANIUM-238	ND		3.91	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2397		WP0061.0	7/11/96	0000023483	6/5/96
SC-02509-S-RE	THORIUM-230	0.93	0.10	0.72	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC2397		WP0179.0	10/31/96	0000031564	6/5/96
SC-02510-C	AROCLOR-1248	ND		37.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	10905004	U	QT1336.0	4/20/96	0000023485	4/19/96
SC-02510-C	AROCLOR-1254	ND		37.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	10905004	U	QT1336.0	4/20/96	0000023485	4/19/96
SC-02510-C	AROCLOR-1260	ND		37.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	10905004	U	QT1336.0	4/20/96	0000023485	4/19/96
SC-02510-C	LEAD	12.20		0.14	UG/G	A		EPA CLP	SOIL	METALS	1.00	10905004		QT1336.0	4/20/96	0000023485	4/19/96
SC-02510-C	RADIUM-226	1.43	0.10	0.31	PCI/G	JE	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2327		WP0074.0	5/23/96	0000023485	4/19/96
SC-02510-C	RADIUM-228	1.25	0.13	0.37	PCI/G	JE	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2327		WP0074.0	5/23/96	0000023485	4/19/96
SC-02510-C	THORIUM-230	0.53	0.18	0.05	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	10905004		QT1336.0	4/22/96	0000023485	4/19/96
SC-02510-C	URANIUM-238	1.91	0.54	1.73	PCI/G	JE	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2327		WP0074.0	5/23/96		4/19/96
SC-02510-S	AROCLOR-1248	ND		44.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11277011	U	QT1380.0	6/6/96	0000023484	6/5/96
SC-02510-S	AROCLOR-1254	ND		44.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11277011	U	QT1380.0	6/6/96	0000023484	6/5/96
SC-02510-S	AROCLOR-1260	ND		44.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11277011	U	QT1380.0	6/6/96	0000023484	6/5/96
SC-02510-S	LEAD	13.10		0.16	UG/G	*		EPA CLP	SOIL	METALS	1.00	11277011		QT1380.0	6/6/96	0000023484	6/5/96
SC-02510-S	RADIUM-226	1.31	0.10	0.23	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2398		WP0061.0	7/11/96	0000023484	6/5/96
SC-02510-S	RADIUM-228	1.31	0.14	0.39	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2398		WP0061.0	7/11/96	0000023484	6/5/96
SC-02510-S	URANIUM-238	ND		3.27	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2398		WP0061.0	7/11/96	0000023484	6/5/96
SC-02510-S-RE	THORIUM-230	1.05	0.11	0.72	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC2398		WP0179.0	10/31/96	0000031565	6/5/96
SC-02510-S-RS	THORIUM-230	2.17	0.63	0.22	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11386005		QT1392.0	6/17/96	0000026052	8/14/96
SC-02511-S	AROCLOR-1248	ND		38.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	10905005	U	QT1336.0	4/22/96	0000023486	4/19/96
SC-02511-S	AROCLOR-1254	ND		38.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	10905005	U	QT1336.0	4/22/96	0000023486	4/19/96
SC-02511-S	AROCLOR-1260	ND		38.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	10905005	U	QT1336.0	4/22/96	0000023486	4/19/96
SC-02511-S	LEAD	15.00		0.14	UG/G	A		EPA CLP	SOIL	METALS	1.00	10905005		QT1336.0	4/20/96	0000023486	4/19/96
SC-02511-S	RADIUM-226	1.59	0.14	0.45	PCI/G	JE	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2326		WP0074.0	5/23/96	0000023486	4/19/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-02511-S	RADIUM-228	1.29	0.18	0.72	PCI/G	JE	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2328		WP0074.0	5/23/96	0000023486	4/18/96
SC-02511-S	THORIUM-230	0.28	0.12	0.10	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	10905005		QT1336.0	4/22/96	0000023486	4/19/96
SC-02511-S	URANIUM-238	ND		4.15	PCI/G	U	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2328		WP0074.0	5/23/96	0000023486	4/18/96
SC-02512-S	AROCLOR-1248	ND		37.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	10905006	U	QT1336.0	4/22/96	0000023487	4/19/96
SC-02512-S	AROCLOR-1254	ND		37.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	10905006	U	QT1336.0	4/22/96	0000023487	4/19/96
SC-02512-S	AROCLOR-1260	ND		37.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	10905006	U	QT1336.0	4/22/96	0000023487	4/19/96
SC-02512-S	LEAD	14.00		0.13	UG/G	A		EPA CLP	SOIL	METALS	1.00	10905006		QT1336.0	4/20/96	0000023487	4/19/96
SC-02512-S	RADIUM-226	1.16	0.13	0.44	PCI/G	JE	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2329		WP0074.0	5/23/96	0000023487	4/18/96
SC-02512-S	RADIUM-228	1.51	0.19	0.54	PCI/G	JE	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2329		WP0074.0	5/23/96	0000023487	4/18/96
SC-02512-S	THORIUM-230	0.47	0.16	0.09	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	10905006		QT1336.0	4/22/96	0000023487	4/19/96
SC-02512-S	URANIUM-238	ND		3.74	PCI/G	U	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2329		WP0074.0	5/23/96	0000023487	4/19/96
SC-02513-S	AROCLOR-1248	ND		37.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11277012	U	QT1380.0	6/6/96	0000023488	6/5/96
SC-02513-S	AROCLOR-1254	ND		37.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11277012	U	QT1380.0	6/6/96	0000023488	6/5/96
SC-02513-S	AROCLOR-1260	ND		37.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11277012	U	QT1380.0	6/6/96	0000023488	6/5/96
SC-02513-S	LEAD	18.70		0.13	UG/G	*		EPA CLP	SOIL	METALS	1.00	11277012		QT1380.0	6/6/96	0000023488	6/5/96
SC-02513-S	RADIUM-226	1.41	0.12	0.33	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2399		WP0081.0	7/11/96	0000023488	6/5/96
SC-02513-S	RADIUM-228	ND		1.18	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2399		WP0081.0	7/11/96	0000023488	6/5/96
SC-02513-S	THORIUM-230	1.85	0.53	0.18	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11277012		QT1380.0	6/6/96	0000023488	6/5/96
SC-02513-S	URANIUM-238	ND		4.07	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2399		WP0081.0	7/11/96	0000023488	6/5/96
SC-02514-S	AROCLOR-1248	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11277013	U	QT1380.0	6/7/96	0000023489	6/5/96
SC-02514-S	AROCLOR-1254	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11277013	U	QT1380.0	6/7/96	0000023489	6/5/96
SC-02514-S	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11277013	U	QT1380.0	6/7/96	0000023489	6/5/96
SC-02514-S	LEAD	17.60		0.14	UG/G	*		EPA CLP	SOIL	METALS	1.00	11277013		QT1380.0	6/6/96	0000023489	6/5/96
SC-02514-S	RADIUM-226	1.83	0.10	0.22	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2400		WP0081.0	7/11/96	0000023489	6/5/96
SC-02514-S	RADIUM-228	1.27	0.14	0.42	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2400		WP0081.0	7/11/96	0000023489	6/5/96
SC-02514-S	THORIUM-230	3.02	0.83	0.17	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11277013		QT1380.0	6/6/96	0000023489	6/5/96
SC-02514-S	URANIUM-238	ND		3.25	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2400		WP0081.0	7/11/96	0000023489	6/5/96
SC-02515-C	AROCLOR-1248	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11277014	U	QT1380.0	6/7/96	0000023491	6/5/96
SC-02515-C	AROCLOR-1254	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11277014	U	QT1380.0	6/7/96	0000023491	6/5/96
SC-02515-C	AROCLOR-1260	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11277014	U	QT1380.0	6/7/96	0000023491	6/5/96
SC-02515-C	LEAD	17.80		0.15	UG/G	*		EPA CLP	SOIL	METALS	1.00	11277014		QT1380.0	6/6/96	0000023491	6/5/96
SC-02515-C	RADIUM-226	1.37	0.13	0.36	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2401		WP0081.0	7/11/96	0000023491	6/5/96
SC-02515-C	RADIUM-228	ND		1.41	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2401		WP0081.0	7/11/96	0000023491	6/5/96
SC-02515-C	THORIUM-230	3.83	0.98	0.12	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11277014		QT1380.0	6/6/96	0000023491	6/5/96
SC-02515-C	URANIUM-238	ND		3.94	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2401		WP0081.0	7/11/96	0000023491	6/5/96
SC-02515-S	AROCLOR-1248	ND		38.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11277015	U	QT1380.0	6/7/96	0000023490	6/5/96
SC-02515-S	AROCLOR-1254	ND		38.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11277015	U	QT1380.0	6/7/96	0000023490	6/5/96
SC-02515-S	AROCLOR-1260	ND		38.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11277015	U	QT1380.0	6/7/96	0000023490	6/5/96
SC-02515-S	LEAD	26.60		0.14	UG/G	*		EPA CLP	SOIL	METALS	1.00	11277015		QT1380.0	6/6/96	0000023490	6/5/96
SC-02515-S	RADIUM-226	1.37	0.11	0.35	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2402		WP0081.0	7/11/96	0000023490	6/5/96
SC-02515-S	RADIUM-228	1.41	0.14	0.48	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2402		WP0081.0	7/11/96	0000023490	6/5/96
SC-02515-S	THORIUM-230	2.18	0.64	0.17	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11277015		QT1380.0	6/6/96	0000023490	6/5/96
SC-02515-S	URANIUM-238	ND		3.13	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2402		WP0081.0	7/11/96	0000023490	6/5/96
SC-02516-S	AROCLOR-1248	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11277016	U	QT1380.0	6/7/96	0000023492	6/5/96
SC-02516-S	AROCLOR-1254	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11277016	U	QT1380.0	6/7/96	0000023492	6/5/96
SC-02516-S	AROCLOR-1260	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11277016	U	QT1380.0	6/7/96	0000023492	6/5/96
SC-02516-S	LEAD	15.60		0.14	UG/G	*		EPA CLP	SOIL	METALS	1.00	11277016		QT1380.0	6/6/96	0000023492	6/5/96
SC-02516-S	RADIUM-226	1.48	0.13	0.45	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2403		WP0081.0	7/9/96	0000023492	6/5/96
SC-02516-S	RADIUM-228	1.36	0.19	0.56	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2403		WP0081.0	7/9/96	0000023492	6/5/96
SC-02516-S	THORIUM-230	2.72	0.74	0.24	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11277016		QT1380.0	6/6/96	0000023492	6/5/96
SC-02516-S	URANIUM-238	ND		4.18	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2403		WP0081.0	7/9/96	0000023492	6/5/96
SC-02517-S	AROCLOR-1248	ND		38.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	10905007	U	QT1336.0	4/22/96	0000023493	4/19/96
SC-02517-S	AROCLOR-1254	ND		38.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	10905007	U	QT1336.0	4/22/96	0000023493	4/19/96
SC-02517-S	AROCLOR-1260	ND		38.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	10905007	U	QT1336.0	4/22/96	0000023493	4/19/96
SC-02517-S	LEAD	16.90		0.13	UG/G	A		EPA CLP	SOIL	METALS	1.00	10905007		QT1336.0	4/20/96	0000023493	4/19/96
SC-02517-S	RADIUM-226	1.84	0.11	0.36	PCI/G	JF	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2330		WP0074.0	5/23/96	0000023493	4/19/96
SC-02517-S	RADIUM-228	1.21	0.18	0.54	PCI/G	JE	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2330		WP0074.0	5/23/96	0000023493	4/19/96
SC-02517-S	THORIUM-230	0.40	0.14	0.09	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	10905007		QT1336.0	4/22/96	0000023493	4/19/96
SC-02517-S	URANIUM-238	ND		3.36	PCI/G	U	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2330		WP0074.0	5/23/96	0000023493	4/19/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-02518-C	AROCLOR-1248	ND		38.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	10905008	U	QT1336.0	4/22/96	0000023499	4/19/96
SC-02518-C	AROCLOR-1254	ND		38.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	10905008	U	QT1336.0	4/22/96	0000023499	4/19/96
SC-02518-C	AROCLOR-1260	ND		38.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	10905008	U	QT1336.0	4/22/96	0000023499	4/19/96
SC-02518-C	LEAD	11.00		0.13	UG/G	A		EPA CLP	SOIL	METALS	1.00	10905008		QT1336.0	4/20/96	0000023499	4/19/96
SC-02518-C	RADIUM-226	1.68	0.14	0.36	PCI/G	JE	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2331		WP0074.0	5/23/96	0000023499	4/19/96
SC-02518-C	RADIUM-228	ND		1.26	PCI/G	U	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2331		WP0074.0	5/23/96	0000023499	4/19/96
SC-02518-C	THORIUM-230	0.50	0.18	0.05	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	10905008		QT1336.0	4/22/96	0000023499	4/19/96
SC-02518-C	URANIUM-238	ND		3.97	PCI/G	U	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2331		WP0074.0	5/23/96	0000023499	4/19/96
SC-02518-S	AROCLOR-1248	ND		39.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	10905009	U	QT1336.0	4/22/96	0000023494	4/19/96
SC-02518-S	AROCLOR-1254	ND		39.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	10905009	U	QT1336.0	4/22/96	0000023494	4/19/96
SC-02518-S	AROCLOR-1260	ND		39.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	10905009	U	QT1336.0	4/22/96	0000023494	4/19/96
SC-02518-S	LEAD	20.50		0.14	UG/G	A		EPA CLP	SOIL	METALS	1.00	10905009		QT1336.0	4/20/96	0000023494	4/19/96
SC-02518-S	RADIUM-226	1.38	0.10	0.32	PCI/G	JE	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2332		WP0074.0	5/23/96	0000023494	4/19/96
SC-02518-S	RADIUM-228	1.20	0.14	0.46	PCI/G	JE	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2332		WP0074.0	5/23/96	0000023494	4/19/96
SC-02518-S	THORIUM-230	7.03	1.44	0.08	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	10905009		QT1336.0	4/22/96	0000023494	4/19/96
SC-02518-S	URANIUM-238	ND		3.15	PCI/G	U	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2332		WP0074.0	5/23/96	0000023494	4/19/96
SC-02518-S-RE	THORIUM-230	6.78	1.57	0.30	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	10958001		QT1336.1	4/26/96	0000027173	4/19/96
SC-02518-S-RS	THORIUM-230	1.39	0.42	0.17	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11366008		QT1392.0	6/17/96	0000028054	6/14/96
SC-02519-C	AROCLOR-1248	ND		44.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11277018	U	QT1380.0	6/7/96	0000023500	6/5/96
SC-02519-C	AROCLOR-1254	ND		44.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11277018	U	QT1380.0	6/7/96	0000023500	6/5/96
SC-02519-C	AROCLOR-1260	ND		44.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11277018	U	QT1380.0	6/7/96	0000023500	6/5/96
SC-02519-C	LEAD	17.80		0.16	UG/G	A		EPA CLP	SOIL	METALS	1.00	11277018		QT1380.0	6/6/96	0000023500	6/5/96
SC-02519-C	RADIUM-226	1.56	0.12	0.33	PCI/G	JE	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2405		WP0081.0	7/9/96	0000023500	6/5/96
SC-02519-C	RADIUM-228	1.56	0.18	0.56	PCI/G	JE	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2405		WP0081.0	7/9/96	0000023500	6/5/96
SC-02519-C	THORIUM-230	2.59	0.69	0.14	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11277018		QT1380.0	6/10/96	0000023500	6/5/96
SC-02519-S	AROCLOR-1248	ND		41.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11277019	U	QT1380.0	6/7/96	0000023495	6/5/96
SC-02519-S	AROCLOR-1254	ND		41.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11277019	U	QT1380.0	6/7/96	0000023495	6/5/96
SC-02519-S	AROCLOR-1260	ND		41.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11277019	U	QT1380.0	6/7/96	0000023495	6/5/96
SC-02519-S	LEAD	18.50		0.15	UG/G			EPA CLP	SOIL	METALS	1.00	11277019		QT1380.0	6/6/96	0000023495	6/5/96
SC-02519-S	RADIUM-226	1.53	0.10	0.33	PCI/G		RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2406		WP0081.0	7/9/96	0000023495	6/5/96
SC-02519-S	RADIUM-228	1.47	0.14	0.46	PCI/G		RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2406		WP0081.0	7/9/96	0000023495	6/5/96
SC-02519-S	THORIUM-230	1.86	0.52	0.16	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11277019		QT1380.0	6/6/96	0000023495	6/5/96
SC-02519-S	URANIUM-238	ND		3.23	PCI/G	U	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2406		WP0081.0	7/9/96	0000023495	6/5/96
SC-02520-S	AROCLOR-1248	ND		40.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11277020	U	QT1380.0	6/7/96	0000023496	6/5/96
SC-02520-S	AROCLOR-1254	ND		40.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11277020	U	QT1380.0	6/7/96	0000023496	6/5/96
SC-02520-S	AROCLOR-1260	ND		40.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11277020	U	QT1380.0	6/7/96	0000023496	6/5/96
SC-02520-S	LEAD	13.80		0.15	UG/G			EPA CLP	SOIL	METALS	1.00	11277020		QT1380.0	6/6/96	0000023496	6/5/96
SC-02520-S	RADIUM-226	1.65	0.13	0.28	PCI/G		RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2407		WP0081.0	7/9/96	0000023496	6/5/96
SC-02520-S	RADIUM-228	1.11	0.18	0.57	PCI/G		RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2407		WP0081.0	7/9/96	0000023496	6/5/96
SC-02520-S	THORIUM-230	0.79	0.28	0.11	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11277020		QT1380.0	6/6/96	0000023496	6/5/96
SC-02520-S	URANIUM-238	ND		4.17	PCI/G		RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2407		WP0081.0	7/9/96	0000023496	6/5/96
SC-02521-S	AROCLOR-1248	ND		44.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11277021	U	QT1380.0	6/7/96	0000023497	6/5/96
SC-02521-S	AROCLOR-1254	ND		44.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11277021	U	QT1380.0	6/7/96	0000023497	6/5/96
SC-02521-S	AROCLOR-1260	ND		44.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11277021	U	QT1380.0	6/7/96	0000023497	6/5/96
SC-02521-S	LEAD	14.70		0.18	UG/G			EPA CLP	SOIL	METALS	1.00	11277021		QT1380.0	6/6/96	0000023497	6/5/96
SC-02521-S	RADIUM-226	1.26	0.12	0.33	PCI/G		RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2408		WP0081.0	7/9/96	0000023497	6/5/96
SC-02521-S	RADIUM-228	1.46	0.17	0.53	PCI/G		RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2408		WP0081.0	7/9/96	0000023497	6/5/96
SC-02521-S	THORIUM-230	1.56	0.46	0.17	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11277021		QT1380.0	6/6/96	0000023497	6/5/96
SC-02521-S	URANIUM-238	ND		4.33	PCI/G		RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2408		WP0081.0	7/9/96	0000023497	6/5/96
SC-02522-C	AROCLOR-1248	ND		39.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	10905010	U	QT1336.0	4/20/96	0000023501	4/19/96
SC-02522-C	AROCLOR-1254	ND		39.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	10905010	U	QT1336.0	4/20/96	0000023501	4/19/96
SC-02522-C	AROCLOR-1260	ND		39.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	10905010	U	QT1336.0	4/20/96	0000023501	4/19/96
SC-02522-C	LEAD	17.30		0.14	UG/G	A		EPA CLP	SOIL	METALS	1.00	10905010		QT1336.0	4/20/96	0000023501	4/19/96
SC-02522-C	RADIUM-226	1.34	0.12	0.28	PCI/G	JE	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2333		WP0074.0	5/23/96	0000023501	4/19/96
SC-02522-C	RADIUM-228	1.19	0.18	0.53	PCI/G	JE	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2333		WP0074.0	5/23/96	0000023501	4/19/96
SC-02522-C	THORIUM-230	0.55	0.18	0.06	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	10905010		QT1336.0	4/22/96	0000023501	4/19/96
SC-02522-C	URANIUM-238	ND		4.01	PCI/G	U	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2333		WP0074.0	5/23/96	0000023501	4/19/96
SC-02522-S	AROCLOR-1248	ND		45.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11286001	U	QT1381.0	6/7/96	0000023498	6/5/96
SC-02522-S	AROCLOR-1254	ND		45.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11286001	U	QT1381.0	6/7/96	0000023498	6/5/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-02522-S	AROCLOR-1260	ND		45.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11286001	U	QT1381.0	6/7/96	0000023496	6/5/96
SC-02522-S	LEAD	14.10		0.16	UG/G			EPA CLP	SOIL	METALS	1.00	11286001		QT1381.0	6/7/96	0000023496	6/5/96
SC-02522-S	RADIUM-226	1.54	0.13	0.36	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2412		WP0082.0	7/9/96	0000023496	6/5/96
SC-02522-S	RADIUM-228	ND		1.34	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2412		WP0082.0	7/9/96	0000023496	6/5/96
SC-02522-S	THORIUM-230	4.12	0.93	0.15	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11286001		QT1381.0	6/9/96	0000023496	6/5/96
SC-02522-S	URANIUM-238	ND		4.37	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2412		WP0082.0	7/9/96	0000023496	6/5/96
SC-02601-C	AROCLOR-1248	ND		44.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11286002	U	QT1381.0	6/7/96	0000023518	6/5/96
SC-02601-C	AROCLOR-1254	ND		44.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11286002	U	QT1381.0	6/7/96	0000023518	6/5/96
SC-02601-C	AROCLOR-1260	ND		44.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11286002	U	QT1381.0	6/7/96	0000023518	6/5/96
SC-02601-C	LEAD	16.90		0.16	UG/G			EPA CLP	SOIL	METALS	1.00	11286002		QT1381.0	6/7/96	0000023518	6/5/96
SC-02601-C	RADIUM-226	1.96	0.10	0.31	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2413		WP0082.0	7/9/96	0000023518	6/5/96
SC-02601-C	RADIUM-228	1.17	0.13	0.51	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2413		WP0082.0	7/9/96	0000023518	6/5/96
SC-02601-C	THORIUM-230	1.33	0.41	0.13	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11286002		QT1381.0	6/9/96	0000023518	6/5/96
SC-02601-S	AROCLOR-1248	ND		41.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11286003	U	QT1381.0	6/7/96	0000023502	6/5/96
SC-02601-S	AROCLOR-1254	ND		41.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11286003	U	QT1381.0	6/7/96	0000023502	6/5/96
SC-02601-S	AROCLOR-1260	ND		41.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11286003	U	QT1381.0	6/7/96	0000023502	6/5/96
SC-02601-S	LEAD	16.50		0.15	UG/G			EPA CLP	SOIL	METALS	1.00	11286003		QT1381.0	6/7/96	0000023502	6/5/96
SC-02601-S	RADIUM-226	1.89	0.14	0.45	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2414		WP0082.0	7/9/96	0000023502	6/5/96
SC-02601-S	RADIUM-228	1.29	0.18	0.65	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2414		WP0082.0	7/9/96	0000023502	6/5/96
SC-02601-S	THORIUM-230	19.90	4.00	0.09	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11286003		QT1381.0	6/9/96	0000023502	6/5/96
SC-02601-S	URANIUM-238	ND		4.11	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2414		WP0082.0	7/9/96	0000023502	6/5/96
SC-02601-S-RS	THORIUM-230	0.61	0.21	0.13	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11453001		QT1406.0	7/1/96	0000026232	6/25/96
SC-02601-U	AROCLOR-1248	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353001	U	QT1390.0	6/14/96	0000027976	6/13/96
SC-02601-U	AROCLOR-1254	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353001	U	QT1390.0	6/14/96	0000027976	6/13/96
SC-02601-U	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353001	U	QT1390.0	6/14/96	0000027976	6/13/96
SC-02601-U	LEAD	22.80		0.15	UG/G	*		EPA CLP	SOIL	METALS	1.00	11353001		QT1390.0	6/14/96	0000027976	6/13/96
SC-02601-U	RADIUM-226	1.23	0.10	0.36	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2511		WP0087.0	7/15/96	0000027976	6/13/96
SC-02601-U	RADIUM-228	1.27	0.13	0.40	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2511		WP0087.0	7/15/96	0000027976	6/13/96
SC-02601-U	THORIUM-230	0.70	0.27	0.13	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11353001		QT1390.0	6/16/96	0000027976	6/13/96
SC-02601-U	URANIUM-238	ND		3.29	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2511		WP0087.0	7/15/96	0000027976	6/13/96
SC-02602-S	AROCLOR-1248	ND		43.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11286004	U	QT1381.0	6/8/96	0000023503	6/5/96
SC-02602-S	AROCLOR-1254	ND		43.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11286004	U	QT1381.0	6/8/96	0000023503	6/5/96
SC-02602-S	AROCLOR-1260	ND		43.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11286004	U	QT1381.0	6/8/96	0000023503	6/5/96
SC-02602-S	LEAD	29.80		0.16	UG/G			EPA CLP	SOIL	METALS	1.00	11286004		QT1381.0	6/7/96	0000023503	6/5/96
SC-02602-S	RADIUM-226	1.32	0.10	0.30	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2415		WP0082.0	7/9/96	0000023503	6/5/96
SC-02602-S	RADIUM-228	1.32	0.14	0.41	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2415		WP0082.0	7/9/96	0000023503	6/5/96
SC-02602-S	THORIUM-230	0.88	0.30	0.12	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11286004		QT1381.0	6/9/96	0000023503	6/5/96
SC-02602-S	URANIUM-238	ND		3.26	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2415		WP0082.0	7/9/96	0000023503	6/5/96
SC-02602-U	AROCLOR-1248	ND		43.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353003	U	QT1390.0	6/14/96	0000027977	6/13/96
SC-02602-U	AROCLOR-1254	ND		43.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353003	U	QT1390.0	6/14/96	0000027977	6/13/96
SC-02602-U	AROCLOR-1260	ND		43.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353003	U	QT1390.0	6/14/96	0000027977	6/13/96
SC-02602-U	LEAD	16.80		0.16	UG/G	*		EPA CLP	SOIL	METALS	1.00	11353003		QT1390.0	6/14/96	0000027977	6/13/96
SC-02602-U	RADIUM-226	1.25	0.12	0.24	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2513		WP0087.0	7/15/96	0000027977	6/13/96
SC-02602-U	RADIUM-228	1.53	0.22	0.52	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2513		WP0087.0	7/15/96	0000027977	6/13/96
SC-02602-U	THORIUM-230	1.46	0.46	0.21	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11353003		QT1390.0	6/16/96	0000027977	6/13/96
SC-02602-U	URANIUM-238	ND		4.03	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2513		WP0087.0	7/15/96	0000027977	6/13/96
SC-02603-C	AROCLOR-1248	ND		43.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11286005	U	QT1381.0	6/7/96	0000023519	6/5/96
SC-02603-C	AROCLOR-1254	ND		43.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11286005	U	QT1381.0	6/7/96	0000023519	6/5/96
SC-02603-C	AROCLOR-1260	ND		43.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11286005	U	QT1381.0	6/7/96	0000023519	6/5/96
SC-02603-C	LEAD	10.30		0.16	UG/G			EPA CLP	SOIL	METALS	1.00	11286005		QT1381.0	6/7/96	0000023519	6/5/96
SC-02603-C	RADIUM-226	1.36	0.12	0.30	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2416		WP0082.0	7/9/96	0000023519	6/5/96
SC-02603-C	RADIUM-228	1.33	0.17	0.61	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2416		WP0082.0	7/9/96	0000023519	6/5/96
SC-02603-C	THORIUM-230	0.90	0.33	0.25	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11286005		QT1381.0	6/20/96	0000023519	6/5/96
SC-02603-C	URANIUM-238	ND		4.43	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2416		WP0082.0	7/9/96	0000023519	6/5/96
SC-02603-C-RS	THORIUM-230	3.12	0.71	0.07	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11453002		QT1406.0	7/1/96	0000026235	6/25/96
SC-02603-S	AROCLOR-1248	ND		42.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11286006	U	QT1381.0	6/7/96	0000023504	6/5/96
SC-02603-S	AROCLOR-1254	ND		42.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11286006	U	QT1381.0	6/7/96	0000023504	6/5/96
SC-02603-S	AROCLOR-1260	ND		42.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11286006	U	QT1381.0	6/7/96	0000023504	6/5/96
SC-02603-S	LEAD	19.60		0.15	UG/G			EPA CLP	SOIL	METALS	1.00	11286006		QT1381.0	6/7/96	0000023504	6/5/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-02603-S	RADIUM-226	1.42	0.10	0.29	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2417		WP0082.0	7/9/96	0000023504	6/5/96
SC-02603-S	RADIUM-228	1.26	0.14	0.53	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2417		WP0082.0	7/9/96	0000023504	6/5/96
SC-02603-S	THORIUM-230	1.45	0.42	0.17	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11286006		QT1381.0	6/9/96	0000023504	6/5/96
SC-02603-S	URANIUM-238	ND		2.96	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2417		WP0082.0	7/9/96	0000023504	6/5/96
SC-02603-U	AROCLOR-1248	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353004	U	QT1390.0	6/14/96	0000027981	6/13/96
SC-02603-U	AROCLOR-1254	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353004	U	QT1390.0	6/14/96	0000027981	6/13/96
SC-02603-U	AROCLOR-1260	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353004	U	QT1390.0	6/14/96	0000027981	6/13/96
SC-02603-U	LEAD	15.50		0.15	UG/G	*		EPA CLP	SOIL	METALS	1.00	11353004		QT1390.0	6/14/96	0000027981	6/13/96
SC-02603-U	RADIUM-226	1.30	0.13	0.42	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2514		WP0087.0	7/15/96	0000027981	6/13/96
SC-02603-U	RADIUM-228	1.47	0.16	0.61	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2514		WP0087.0	7/15/96	0000027981	6/13/96
SC-02603-U	THORIUM-230	1.31	0.40	0.17	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11353004		QT1390.0	6/16/96	0000027981	6/13/96
SC-02603-U	URANIUM-238	ND		4.01	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2514		WP0087.0	7/15/96	0000027981	6/13/96
SC-02604-S	AROCLOR-1248	ND		43.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11286007	U	QT1381.0	6/7/96	0000023505	6/5/96
SC-02604-S	AROCLOR-1254	ND		43.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11286007	U	QT1381.0	6/7/96	0000023505	6/5/96
SC-02604-S	AROCLOR-1260	ND		43.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11286007	U	QT1381.0	6/7/96	0000023505	6/5/96
SC-02604-S	LEAD	13.90		0.16	UG/G			EPA CLP	SOIL	METALS	1.00	11286007		QT1381.0	6/7/96	0000023505	6/5/96
SC-02604-S	RADIUM-226	1.44	0.13	0.39	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2418		WP0082.0	7/9/96	0000023505	6/5/96
SC-02604-S	RADIUM-228	1.58	0.16	0.45	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2418		WP0082.0	7/9/96	0000023505	6/5/96
SC-02604-S	THORIUM-230	2.64	0.64	0.20	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11286007		QT1381.0	6/9/96	0000023505	6/5/96
SC-02604-S	URANIUM-238	ND		4.12	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2418		WP0082.0	7/9/96	0000023505	6/5/96
SC-02604-U	AROCLOR-1248	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353005	U	QT1390.0	6/14/96	0000027982	6/13/96
SC-02604-U	AROCLOR-1254	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353005	U	QT1390.0	6/14/96	0000027982	6/13/96
SC-02604-U	AROCLOR-1260	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353005	U	QT1390.0	6/14/96	0000027982	6/13/96
SC-02604-U	LEAD	17.70		0.15	UG/G	*		EPA CLP	SOIL	METALS	1.00	11353005		QT1390.0	6/14/96	0000027982	6/13/96
SC-02604-U	RADIUM-226	1.46	0.10	0.31	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2515		WP0087.0	7/15/96	0000027982	6/13/96
SC-02604-U	RADIUM-228	1.34	0.14	0.48	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2515		WP0087.0	7/15/96	0000027982	6/13/96
SC-02604-U	THORIUM-230	1.84	0.49	0.24	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11353005		QT1390.0	6/16/96	0000027982	6/13/96
SC-02604-U	URANIUM-238	ND		3.22	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2515		WP0087.0	7/15/96	0000027982	6/13/96
SC-02605-S	URANIUM-238	3.31	0.72	2.07	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2419		WP0082.0	7/9/96	0000023506	6/5/96
SC-02605-U	AROCLOR-1248	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353006	U	QT1390.0	6/14/96	0000027983	6/13/96
SC-02605-U	AROCLOR-1254	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353006	U	QT1390.0	6/14/96	0000027983	6/13/96
SC-02605-U	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353006	U	QT1390.0	6/14/96	0000027983	6/13/96
SC-02605-U	LEAD	24.60		0.15	UG/G	*		EPA CLP	SOIL	METALS	1.00	11353006		QT1390.0	6/14/96	0000027983	6/13/96
SC-02605-U	RADIUM-226	1.31	0.12	0.42	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2516		WP0087.0	7/15/96	0000027983	6/13/96
SC-02605-U	RADIUM-228	1.34	0.16	0.53	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2516		WP0087.0	7/15/96	0000027983	6/13/96
SC-02605-U	THORIUM-230	1.50	0.44	0.15	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11353006		QT1390.0	6/16/96	0000027983	6/13/96
SC-02605-U	URANIUM-238	ND		4.07	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2516		WP0087.0	7/15/96	0000027983	6/13/96
SC-02606-S	AROCLOR-1248	ND		40.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11286010	U	QT1381.0	6/7/96	0000023507	6/5/96
SC-02606-S	AROCLOR-1254	ND		40.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11286010	U	QT1381.0	6/7/96	0000023507	6/5/96
SC-02606-S	AROCLOR-1260	ND		40.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11286010	U	QT1381.0	6/7/96	0000023507	6/5/96
SC-02606-S	LEAD	11.00		0.15	UG/G			EPA CLP	SOIL	METALS	1.00	11286010		QT1381.0	6/7/96	0000023507	6/5/96
SC-02606-S	RADIUM-226	1.53	0.12	0.30	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2420		WP0082.0	7/9/96	0000023507	6/5/96
SC-02606-S	RADIUM-228	1.42	0.20	0.49	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2420		WP0082.0	7/9/96	0000023507	6/5/96
SC-02606-S	THORIUM-230	0.68	0.28	0.17	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11286010		QT1381.0	6/9/96	0000023507	6/5/96
SC-02606-S	URANIUM-238	ND		4.12	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2420		WP0082.0	7/9/96	0000023507	6/5/96
SC-02606-U	AROCLOR-1248	ND		46.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353007	U	QT1390.0	6/14/96	0000027984	6/13/96
SC-02606-U	AROCLOR-1254	ND		46.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353007	U	QT1390.0	6/14/96	0000027984	6/13/96
SC-02606-U	AROCLOR-1260	ND		46.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353007	U	QT1390.0	6/14/96	0000027984	6/13/96
SC-02606-U	LEAD	15.00		0.17	UG/G	*		EPA CLP	SOIL	METALS	1.00	11353007		QT1390.0	6/14/96	0000027984	6/13/96
SC-02606-U	RADIUM-226	1.50	0.13	0.40	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2517		WP0087.0	7/15/96	0000027984	6/13/96
SC-02606-U	RADIUM-228	1.17	0.15	0.40	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2517		WP0087.0	7/15/96	0000027984	6/13/96
SC-02606-U	THORIUM-230	0.92	0.30	0.13	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11353007		QT1390.0	6/16/96	0000027984	6/13/96
SC-02606-U	URANIUM-238	ND		4.25	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2517		WP0087.0	7/15/96	0000027984	6/13/96
SC-02607-S	AROCLOR-1248	ND		40.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11286011	U	QT1381.0	6/7/96	0000023508	6/5/96
SC-02607-S	AROCLOR-1254	ND		40.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11286011	U	QT1381.0	6/7/96	0000023508	6/5/96
SC-02607-S	AROCLOR-1260	ND		40.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11286011	U	QT1381.0	6/7/96	0000023508	6/5/96
SC-02607-S	LEAD	17.30		0.14	UG/G			EPA CLP	SOIL	METALS	1.00	11286011		QT1381.0	6/7/96	0000023508	6/5/96
SC-02607-S	RADIUM-226	1.69	0.10	0.33	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2421		WP0082.0	7/9/96	0000023508	6/5/96
SC-02607-S	RADIUM-228	1.17	0.13	0.48	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2421		WP0082.0	7/9/96	0000023508	6/5/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-02607-S	THORIUM-230	15.40	2.40	0.12	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11286011		QT1381.0	6/8/96	0000023508	6/5/96
SC-02607-S	URANIUM-238	ND		3.20	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2421		WP0082.0	7/9/96	0000023508	6/5/96
SC-02607-S-RS	THORIUM-230	1.32	0.36	0.15	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11453003		QT1406.0	7/1/96	0000026234	6/25/96
SC-02607-U	AROCLOR-1248	ND		46.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353008	U	QT1390.0	6/14/96	0000027985	6/13/96
SC-02607-U	AROCLOR-1254	ND		46.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353008	U	QT1390.0	6/14/96	0000027985	6/13/96
SC-02607-U	AROCLOR-1260	ND		46.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353008	U	QT1390.0	6/14/96	0000027985	6/13/96
SC-02607-U	LEAD	22.90		0.16	UG/G	*		EPA CLP	SOIL	METALS	1.00	11353008		QT1390.0	6/14/96	0000027985	6/13/96
SC-02607-U	RADIUM-226	1.34	0.10	0.24	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2518		WP0087.0	7/15/96	0000027985	6/13/96
SC-02607-U	RADIUM-228	1.36	0.14	0.44	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2518		WP0087.0	7/15/96	0000027985	6/13/96
SC-02607-U	THORIUM-230	1.08	0.36	0.12	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11353008		QT1390.0	6/16/96	0000027985	6/13/96
SC-02607-U	URANIUM-238	ND		2.98	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2518		WP0087.0	7/15/96	0000027985	6/13/96
SC-02608-S	AROCLOR-1248	ND		42.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11286012	U	QT1381.0	6/7/96	0000023509	6/5/96
SC-02608-S	AROCLOR-1254	ND		42.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11286012	U	QT1381.0	6/7/96	0000023509	6/5/96
SC-02608-S	AROCLOR-1260	ND		42.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11286012	U	QT1381.0	6/7/96	0000023509	6/5/96
SC-02608-S	LEAD	10.50		0.15	UG/G			EPA CLP	SOIL	METALS	1.00	11286012		QT1381.0	6/7/96	0000023509	6/5/96
SC-02608-S	RADIUM-226	1.42	0.13	0.36	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2422		WP0082.0	7/9/96	0000023509	6/5/96
SC-02608-S	RADIUM-228	1.52	0.18	0.48	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2422		WP0082.0	7/9/96	0000023509	6/5/96
SC-02608-S	THORIUM-230	1.48	0.43	0.11	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11286012		QT1381.0	6/8/96	0000023509	6/5/96
SC-02608-S	URANIUM-238	1.93	0.83	2.88	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2422		WP0082.0	7/9/96	0000023509	6/5/96
SC-02608-U	AROCLOR-1248	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353009	U	QT1390.0	6/14/96	0000027986	6/13/96
SC-02608-U	AROCLOR-1254	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353009	U	QT1390.0	6/14/96	0000027986	6/13/96
SC-02608-U	AROCLOR-1260	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353009	U	QT1390.0	6/14/96	0000027986	6/13/96
SC-02608-U	LEAD	22.30		0.15	UG/G	*		EPA CLP	SOIL	METALS	1.00	11353009		QT1390.0	6/14/96	0000027986	6/13/96
SC-02608-U	RADIUM-226	1.46	0.13	0.43	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2519		WP0087.0	7/16/96	0000027986	6/13/96
SC-02608-U	RADIUM-228	1.52	0.20	0.63	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2519		WP0087.0	7/16/96	0000027986	6/13/96
SC-02608-U	THORIUM-230	0.88	0.30	0.15	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11353009		QT1390.0	6/16/96	0000027986	6/13/96
SC-02608-U	URANIUM-238	ND		4.23	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2519		WP0087.0	7/16/96	0000027986	6/13/96
SC-02609-C	AROCLOR-1248	ND		42.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11286013	U	QT1381.0	6/7/96	0000023520	6/5/96
SC-02609-C	AROCLOR-1254	ND		42.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11286013	U	QT1381.0	6/7/96	0000023520	6/5/96
SC-02609-C	AROCLOR-1260	ND		42.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11286013	U	QT1381.0	6/7/96	0000023520	6/5/96
SC-02609-C	LEAD	10.50		0.15	UG/G			EPA CLP	SOIL	METALS	1.00	11286013		QT1381.0	6/7/96	0000023520	6/5/96
SC-02609-C	RADIUM-226	1.46	0.10	0.33	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2423		WP0082.0	7/9/96	0000023520	6/5/96
SC-02609-C	RADIUM-228	1.29	0.14	0.50	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2423		WP0082.0	7/9/96	0000023520	6/5/96
SC-02609-C	URANIUM-238	ND		3.09	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2423		WP0082.0	7/9/96	0000023520	6/5/96
SC-02609-C-RE	THORIUM-230	2.51	0.10	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3419		WP0086.0	8/21/96	0000028671	8/5/96
SC-02609-C-RS	THORIUM-230	1.48	0.38	0.06	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11453004		QT1406.0	7/1/96	0000026233	6/25/96
SC-02609-S	AROCLOR-1248	ND		41.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11286015	U	QT1381.0	6/8/96	0000023510	6/5/96
SC-02609-S	AROCLOR-1254	ND		41.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11286015	U	QT1381.0	6/8/96	0000023510	6/5/96
SC-02609-S	AROCLOR-1260	ND		41.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11286015	U	QT1381.0	6/8/96	0000023510	6/5/96
SC-02609-S	LEAD	13.20		0.15	UG/G			EPA CLP	SOIL	METALS	1.00	11286015		QT1381.0	6/7/96	0000023510	6/5/96
SC-02609-S	RADIUM-226	1.46	0.13	0.46	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2425		WP0082.0	7/9/96	0000023510	6/5/96
SC-02609-S	RADIUM-228	1.33	0.19	0.73	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2425		WP0082.0	7/9/96	0000023510	6/5/96
SC-02609-S	THORIUM-230	1.27	0.38	0.15	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11286015		QT1381.0	6/10/96	0000023510	6/5/96
SC-02609-S	URANIUM-238	ND		4.42	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2425		WP0082.0	7/9/96	0000023510	6/5/96
SC-02609-U	AROCLOR-1248	ND		45.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353010	U	QT1390.0	6/14/96	0000027987	6/13/96
SC-02609-U	AROCLOR-1254	ND		45.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353010	U	QT1390.0	6/14/96	0000027987	6/13/96
SC-02609-U	AROCLOR-1260	ND		45.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353010	U	QT1390.0	6/14/96	0000027987	6/13/96
SC-02609-U	LEAD	15.70		0.16	UG/G	*		EPA CLP	SOIL	METALS	1.00	11353010		QT1390.0	6/14/96	0000027987	6/13/96
SC-02609-U	RADIUM-226	1.33	0.10	0.29	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2520		WP0087.0	7/16/96	0000027987	6/13/96
SC-02609-U	RADIUM-228	1.02	0.11	0.41	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2520		WP0087.0	7/16/96	0000027987	6/13/96
SC-02609-U	THORIUM-230	0.87	0.34	0.13	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11353010		QT1390.0	6/16/96	0000027987	6/13/96
SC-02609-U	URANIUM-238	ND		2.98	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2520		WP0087.0	7/16/96	0000027987	6/13/96
SC-02610-S	URANIUM-238	ND		3.49	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2426		WP0082.0	7/9/96	0000023511	6/5/96
SC-02610-U	AROCLOR-1248	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353011	U	QT1390.0	6/14/96	0000027988	6/13/96
SC-02610-U	AROCLOR-1254	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353011	U	QT1390.0	6/14/96	0000027988	6/13/96
SC-02610-U	AROCLOR-1260	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353011	U	QT1390.0	6/14/96	0000027988	6/13/96
SC-02610-U	LEAD	23.10		0.15	UG/G	*		EPA CLP	SOIL	METALS	1.00	11353011		QT1390.0	6/14/96	0000027988	6/13/96
SC-02610-U	RADIUM-226	1.43	0.12	0.33	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2521		WP0087.0	7/15/96	0000027989	6/13/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-02610-U	RADIUM-228	1.43	0.22	0.58	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2521		WP0087.0	7/15/96	0000027988	6/13/96
SC-02610-U	THORIUM-230	1.29	0.39	0.12	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11353011		QT1390.0	6/16/96	0000027988	6/13/96
SC-02610-U	URANIUM-238	ND		4.57	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2521		WP0087.0	7/15/96	0000027988	6/13/96
SC-02611-C	AROCLOR-1248	ND		44.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11286016	U	QT1381.0	6/8/96	0000023521	6/5/96
SC-02611-C	AROCLOR-1254	ND		44.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11286016	U	QT1381.0	6/8/96	0000023521	6/5/96
SC-02611-C	AROCLOR-1260	ND		44.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11286016	U	QT1381.0	6/8/96	0000023521	6/5/96
SC-02611-C	LEAD	10.00		0.18	UG/G			EPA CLP	SOIL	METALS	1.00	11286016		QT1381.0	6/7/96	0000023521	6/5/96
SC-02611-C	RADIUM-226	1.49	0.19	0.30	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2427		WP0082.0	7/9/96	0000023521	6/5/96
SC-02611-C	RADIUM-228	1.10	0.14	0.61	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2427		WP0082.0	7/9/96	0000023521	6/5/96
SC-02611-C	THORIUM-230	0.90	0.28	0.17	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11286016		QT1381.0	6/8/96	0000023521	6/5/96
SC-02611-C	URANIUM-238	ND		3.34	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2427		WP0082.0	7/9/96	0000023521	6/5/96
SC-02611-S	AROCLOR-1248	ND		45.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11286017	U	QT1381.0	6/8/96	0000023512	6/5/96
SC-02611-S	AROCLOR-1254	ND		45.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11286017	U	QT1381.0	6/8/96	0000023512	6/5/96
SC-02611-S	AROCLOR-1260	ND		45.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11286017	U	QT1381.0	6/8/96	0000023512	6/5/96
SC-02611-S	LEAD	15.90		0.18	UG/G			EPA CLP	SOIL	METALS	1.00	11286017		QT1381.0	6/7/96	0000023512	6/5/96
SC-02611-S	RADIUM-226	1.50	0.14	0.45	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2426		WP0082.0	7/9/96	0000023512	6/5/96
SC-02611-S	RADIUM-228	1.26	0.18	0.59	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2426		WP0082.0	7/9/96	0000023512	6/5/96
SC-02611-S	THORIUM-230	0.54	0.20	0.14	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11286017		QT1381.0	6/8/96	0000023512	6/5/96
SC-02611-S	URANIUM-238	ND		3.88	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2426		WP0082.0	7/9/96	0000023512	6/5/96
SC-02611-U	AROCLOR-1248	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353012	U	QT1390.0	6/14/96	0000028013	6/13/96
SC-02611-U	AROCLOR-1254	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353012	U	QT1390.0	6/14/96	0000028013	6/13/96
SC-02611-U	AROCLOR-1260	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353012	U	QT1390.0	6/14/96	0000028013	6/13/96
SC-02611-U	LEAD	13.40		0.16	UG/G	*		EPA CLP	SOIL	METALS	1.00	11353012		QT1390.0	6/14/96	0000028013	6/13/96
SC-02611-U	RADIUM-226	1.21	0.13	0.35	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2522		WP0087.0	7/16/96	0000028013	6/13/96
SC-02611-U	RADIUM-228	ND		1.24	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2522		WP0087.0	7/16/96	0000028013	6/13/96
SC-02611-U	THORIUM-230	1.05	0.32	0.12	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11353012		QT1390.0	6/16/96	0000028013	6/13/96
SC-02611-U	URANIUM-238	ND		4.15	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2522		WP0087.0	7/16/96	0000028013	6/13/96
SC-02612-S	AROCLOR-1248	ND		39.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11286018	U	QT1381.0	6/8/96	0000023513	6/5/96
SC-02612-S	AROCLOR-1254	ND		39.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11286018	U	QT1381.0	6/8/96	0000023513	6/5/96
SC-02612-S	AROCLOR-1260	ND		39.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11286018	U	QT1381.0	6/8/96	0000023513	6/5/96
SC-02612-S	LEAD	13.30		0.14	UG/G			EPA CLP	SOIL	METALS	1.00	11286018		QT1381.0	6/7/96	0000023513	6/5/96
SC-02612-S	RADIUM-226	1.61	0.10	0.28	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2429		WP0082.0	7/9/96	0000023513	6/5/96
SC-02612-S	RADIUM-228	1.41	0.13	0.39	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2429		WP0082.0	7/9/96	0000023513	6/5/96
SC-02612-S	THORIUM-230	1.28	0.35	0.09	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11286018		QT1381.0	6/8/96	0000023513	6/5/96
SC-02612-S	URANIUM-238	ND		3.20	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2429		WP0082.0	7/9/96	0000023513	6/5/96
SC-02612-U	AROCLOR-1248	ND		49.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353013	U	QT1390.0	6/14/96	0000028014	6/13/96
SC-02612-U	AROCLOR-1254	ND		49.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353013	U	QT1390.0	6/14/96	0000028014	6/13/96
SC-02612-U	AROCLOR-1260	ND		49.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353013	U	QT1390.0	6/14/96	0000028014	6/13/96
SC-02612-U	LEAD	22.80		0.16	UG/G	*		EPA CLP	SOIL	METALS	1.00	11353013		QT1390.0	6/14/96	0000028014	6/13/96
SC-02612-U	RADIUM-226	1.49	0.10	0.32	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2523		WP0087.0	7/16/96	0000028014	6/13/96
SC-02612-U	RADIUM-228	1.16	0.13	0.43	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2523		WP0087.0	7/16/96	0000028014	6/13/96
SC-02612-U	THORIUM-230	1.44	0.38	0.18	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11353013		QT1390.0	6/16/96	0000028014	6/13/96
SC-02612-U	URANIUM-238	ND		3.82	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2523		WP0087.0	7/16/96	0000028014	6/13/96
SC-02613-S	AROCLOR-1248	ND		43.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11286019	U	QT1381.0	6/8/96	0000023514	6/5/96
SC-02613-S	AROCLOR-1254	ND		43.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11286019	U	QT1381.0	6/8/96	0000023514	6/5/96
SC-02613-S	AROCLOR-1260	ND		43.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11286019	U	QT1381.0	6/8/96	0000023514	6/5/96
SC-02613-S	LEAD	18.10		0.16	UG/G			EPA CLP	SOIL	METALS	1.00	11286019		QT1381.0	6/7/96	0000023514	6/5/96
SC-02613-S	RADIUM-226	1.24	0.12	0.35	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2430		WP0082.0	7/9/96	0000023514	6/5/96
SC-02613-S	RADIUM-228	1.38	0.19	0.57	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2430		WP0082.0	7/9/96	0000023514	6/5/96
SC-02613-S	THORIUM-230	0.67	0.23	0.13	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11286019		QT1381.0	6/8/96	0000023514	6/5/96
SC-02613-S	URANIUM-238	ND		4.23	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2430		WP0082.0	7/9/96	0000023514	6/5/96
SC-02614-S	AROCLOR-1248	ND		43.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11286020	U	QT1381.0	6/8/96	0000023515	6/5/96
SC-02614-S	AROCLOR-1254	ND		43.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11286020	U	QT1381.0	6/8/96	0000023515	6/5/96
SC-02614-S	AROCLOR-1260	ND		43.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11286020	U	QT1381.0	6/8/96	0000023515	6/5/96
SC-02614-S	LEAD	16.30		0.18	UG/G			EPA CLP	SOIL	METALS	1.00	11286020		QT1381.0	6/7/96	0000023515	6/5/96
SC-02614-S	RADIUM-226	1.57	0.10	0.29	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2431		WP0082.0	7/9/96	0000023515	6/5/96
SC-02614-S	RADIUM-228	1.23	0.14	0.56	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2431		WP0082.0	7/9/96	0000023515	6/5/96
SC-02614-S	THORIUM-230	0.80	0.25	0.09	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11286020		QT1381.0	6/8/96	0000023515	6/5/96
SC-02614-S	URANIUM-238	ND		3.18	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2431		WP0082.0	7/9/96	0000023515	6/5/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-02619-C	AROCLOR-1248	ND		42.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11286021	U	QT1381.0	6/8/96	0000023517	6/5/96
SC-02619-C	AROCLOR-1254	ND		42.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11286021	U	QT1381.0	6/8/96	0000023517	6/5/96
SC-02619-C	AROCLOR-1260	ND		42.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11286021	U	QT1381.0	6/8/96	0000023517	6/5/96
SC-02619-C	LEAD	17.90		0.15	UG/G			EPA CLP	SOIL	METALS	1.00	11286021		QT1381.0	6/7/96	0000023517	6/5/96
SC-02619-C	RADIUM-226	1.34	0.14	0.45	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2432		WP0082.0	7/9/96	0000023517	6/5/96
SC-02619-C	RADIUM-228	1.58	0.20	0.49	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2432		WP0082.0	7/9/96	0000023517	6/5/96
SC-02619-C	THORIUM-230	1.86	0.48	0.09	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11286021		QT1381.0	6/9/96	0000023517	6/5/96
SC-02701-S	AROCLOR-1248	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11319001	U	QT1384.0	6/11/96	0000023522	6/6/96
SC-02701-S	AROCLOR-1254	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11319001	U	QT1384.0	6/11/96	0000023522	6/6/96
SC-02701-S	AROCLOR-1260	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11319001	U	QT1384.0	6/11/96	0000023522	6/6/96
SC-02701-S	LEAD	19.00		0.15	UG/G	*		EPA CLP	SOIL	METALS	1.00	11319001		QT1384.0	6/11/96	0000023522	6/6/96
SC-02701-S	RADIUM-226	1.50	0.14	0.47	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2444		WP0085.0	7/12/96	0000023522	6/6/96
SC-02701-S	RADIUM-228	1.13	0.17	0.59	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2444		WP0085.0	7/12/96	0000023522	6/6/96
SC-02701-S	THORIUM-230	1.64	0.62	0.18	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11319001		QT1384.0	6/12/96	0000023522	6/6/96
SC-02701-S	URANIUM-238	ND		4.30	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2444		WP0085.0	7/12/96	0000023522	6/6/96
SC-02701-U	AROCLOR-1248	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353014	U	QT1390.0	6/14/96	0000027989	6/13/96
SC-02701-U	AROCLOR-1254	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353014	U	QT1390.0	6/14/96	0000027989	6/13/96
SC-02701-U	AROCLOR-1260	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353014	U	QT1390.0	6/14/96	0000027989	6/13/96
SC-02701-U	LEAD	22.60		0.15	UG/G	*		EPA CLP	SOIL	METALS	1.00	11353014		QT1390.0	6/14/96	0000027989	6/13/96
SC-02701-U	RADIUM-226	1.36	0.12	0.42	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2524		WP0087.0	7/16/96	0000027989	6/13/96
SC-02701-U	RADIUM-228	1.40	0.19	0.55	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2524		WP0087.0	7/16/96	0000027989	6/13/96
SC-02701-U	THORIUM-230	1.72	0.44	0.15	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11353014		QT1390.0	6/16/96	0000027988	6/13/96
SC-02701-U	URANIUM-238	ND		3.98	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2524		WP0087.0	7/16/96	0000027989	6/13/96
SC-02702-S	AROCLOR-1248	ND		48.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11319002	U	QT1384.0	6/11/96	0000023523	6/6/96
SC-02702-S	AROCLOR-1254	ND		48.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11319002	U	QT1384.0	6/11/96	0000023523	6/6/96
SC-02702-S	AROCLOR-1260	ND		48.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11319002	U	QT1384.0	6/11/96	0000023523	6/6/96
SC-02702-S	LEAD	24.90		0.16	UG/G	*		EPA CLP	SOIL	METALS	1.00	11319002		QT1384.0	6/11/96	0000023523	6/6/96
SC-02702-S	RADIUM-226	1.31	0.09	0.25	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2445		WP0085.0	7/12/96	0000023523	6/6/96
SC-02702-S	RADIUM-228	1.30	0.15	0.62	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2445		WP0085.0	7/12/96	0000023523	6/6/96
SC-02702-S	THORIUM-230	2.25	0.63	0.15	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11319002		QT1384.0	6/12/96	0000023523	6/6/96
SC-02702-S	URANIUM-238	ND		3.59	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2445		WP0085.0	7/12/96	0000023523	6/6/96
SC-02702-U	AROCLOR-1248	ND		43.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353015	U	QT1390.0	6/15/96	0000027990	6/13/96
SC-02702-U	AROCLOR-1254	ND		43.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353015	U	QT1390.0	6/15/96	0000027990	6/13/96
SC-02702-U	AROCLOR-1260	ND		43.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353015	U	QT1390.0	6/15/96	0000027990	6/13/96
SC-02702-U	LEAD	16.90		0.16	UG/G	*		EPA CLP	SOIL	METALS	1.00	11353015		QT1390.0	6/14/96	0000027990	6/13/96
SC-02702-U	RADIUM-226	1.14	0.09	0.26	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2525		WP0087.0	7/16/96	0000027990	6/13/96
SC-02702-U	RADIUM-228	1.26	0.13	0.46	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2525		WP0087.0	7/16/96	0000027990	6/13/96
SC-02702-U	THORIUM-230	1.52	0.41	0.06	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11353015		QT1390.0	6/16/96	0000027990	6/13/96
SC-02702-U	URANIUM-238	ND		2.89	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2525		WP0087.0	7/16/96	0000027990	6/13/96
SC-02703-C	AROCLOR-1248	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11319003	U	QT1384.0	6/11/96	0000023534	6/8/96
SC-02703-C	AROCLOR-1254	40.00		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11319003		QT1384.0	6/11/96	0000023534	6/8/96
SC-02703-C	AROCLOR-1260	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11319003	U	QT1384.0	6/11/96	0000023534	6/8/96
SC-02703-C	LEAD	18.40		0.14	UG/G	*		EPA CLP	SOIL	METALS	1.00	11319003		QT1384.0	6/11/96	0000023534	6/8/96
SC-02703-C	RADIUM-226	1.51	0.14	0.43	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2446		WP0085.0	7/12/96	0000023534	6/8/96
SC-02703-C	RADIUM-228	1.40	0.17	0.66	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2446		WP0085.0	7/12/96	0000023534	6/8/96
SC-02703-C	THORIUM-230	1.80	0.48	0.09	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11319003		QT1384.0	6/12/96	0000023534	6/8/96
SC-02703-C	URANIUM-238	2.45	0.67	2.48	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2446		WP0085.0	7/12/96	0000023534	6/8/96
SC-02703-S	AROCLOR-1248	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11319004	U	QT1384.0	6/11/96	0000023524	6/8/96
SC-02703-S	AROCLOR-1254	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11319004	U	QT1384.0	6/11/96	0000023524	6/8/96
SC-02703-S	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11319004	U	QT1384.0	6/11/96	0000023524	6/8/96
SC-02703-S	LEAD	18.30		0.15	UG/G	*		EPA CLP	SOIL	METALS	1.00	11319004		QT1384.0	6/11/96	0000023524	6/8/96
SC-02703-S	RADIUM-226	1.53	0.10	0.27	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2447		WP0085.0	7/12/96	0000023524	6/8/96
SC-02703-S	RADIUM-228	1.51	0.14	0.41	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2447		WP0085.0	7/12/96	0000023524	6/8/96
SC-02703-S	THORIUM-230	1.94	0.51	0.11	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11319004		QT1384.0	6/12/96	0000023524	6/8/96
SC-02703-S	URANIUM-238	ND		3.00	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2447		WP0085.0	7/12/96	0000023524	6/8/96
SC-02703-U	AROCLOR-1248	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353016	U	QT1390.0	6/15/96	0000027991	6/13/96
SC-02703-U	AROCLOR-1254	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353016	U	QT1390.0	6/15/96	0000027991	6/13/96
SC-02703-U	AROCLOR-1260	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353016	U	QT1390.0	6/15/96	0000027991	6/13/96
SC-02703-U	LEAD	47.90		0.14	UG/G	*		EPA CLP	SOIL	METALS	1.00	11353016		QT1390.0	6/14/96	0000027991	6/13/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-02703-U	RADIUM-226	1.21	0.12	0.39	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2526		WP0067.0	7/16/96	0000027991	6/13/96
SC-02703-U	RADIUM-228	1.21	0.18	0.59	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2526		WP0067.0	7/16/96	0000027991	6/13/96
SC-02703-U	THORIUM-230	1.27	0.36	0.14	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11353016		QT1390.0	6/16/96	0000027991	6/13/96
SC-02703-U	URANIUM-238	ND		4.08	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2526		WP0067.0	7/16/96	0000027991	6/13/96
SC-02704-S	AROCLOR-1248	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11319005	U	QT1384.0	6/11/96	0000023525	6/8/96
SC-02704-S	AROCLOR-1254	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11319005	U	QT1384.0	6/11/96	0000023525	6/8/96
SC-02704-S	AROCLOR-1260	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11319005	U	QT1384.0	6/11/96	0000023525	6/8/96
SC-02704-S	LEAD	19.20		0.15	UG/G	*		EPA CLP	SOIL	METALS	1.00	11319005		QT1384.0	6/11/96	0000023525	6/8/96
SC-02704-S	RADIUM-226	1.65	0.14	0.38	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2448		WP0065.0	7/12/96	0000023525	6/8/96
SC-02704-S	RADIUM-228	1.30	0.18	0.48	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2448		WP0065.0	7/12/96	0000023525	6/8/96
SC-02704-S	THORIUM-230	1.38	0.42	0.20	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11319005		QT1384.0	6/12/96	0000023525	6/8/96
SC-02704-S	URANIUM-238	ND		4.01	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2448		WP0065.0	7/12/96	0000023525	6/8/96
SC-02704-U	AROCLOR-1248	ND		43.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353017	U	QT1390.0	6/15/96	0000027992	6/13/96
SC-02704-U	AROCLOR-1254	ND		43.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353017	U	QT1390.0	6/15/96	0000027992	6/13/96
SC-02704-U	AROCLOR-1260	ND		43.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353017	U	QT1390.0	6/15/96	0000027992	6/13/96
SC-02704-U	LEAD	12.80		0.16	UG/G	*		EPA CLP	SOIL	METALS	1.00	11353017		QT1390.0	6/14/96	0000027992	6/13/96
SC-02704-U	RADIUM-226	1.10	0.12	0.42	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2527		WP0067.0	7/16/96	0000027992	6/13/96
SC-02704-U	RADIUM-228	1.20	0.18	0.58	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2527		WP0067.0	7/16/96	0000027992	6/13/96
SC-02704-U	THORIUM-230	1.18	0.32	0.08	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11353017		QT1390.0	6/16/96	0000027992	6/13/96
SC-02704-U	URANIUM-238	2.55	0.89	2.51	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2527		WP0067.0	7/16/96	0000027992	6/13/96
SC-02705-S	AROCLOR-1248	ND		44.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11319006	U	QT1384.0	6/11/96	0000023526	6/8/96
SC-02705-S	AROCLOR-1254	ND		44.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11319006	U	QT1384.0	6/11/96	0000023526	6/8/96
SC-02705-S	AROCLOR-1260	ND		44.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11319006	U	QT1384.0	6/11/96	0000023526	6/8/96
SC-02705-S	LEAD	17.60		0.16	UG/G	*		EPA CLP	SOIL	METALS	1.00	11319006		QT1384.0	6/11/96	0000023526	6/8/96
SC-02705-S	RADIUM-226	1.70	0.11	0.22	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2449		WP0065.0	7/12/96	0000023526	6/8/96
SC-02705-S	RADIUM-228	1.21	0.13	0.42	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2449		WP0065.0	7/12/96	0000023526	6/8/96
SC-02705-S	THORIUM-230	1.40	0.42	0.16	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11319006		QT1384.0	6/12/96	0000023526	6/8/96
SC-02705-S	URANIUM-238	ND		3.27	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2449		WP0065.0	7/12/96	0000023526	6/8/96
SC-02705-U	AROCLOR-1248	ND		44.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353018	U	QT1390.0	6/15/96	0000027993	6/13/96
SC-02705-U	AROCLOR-1254	ND		44.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353018	U	QT1390.0	6/15/96	0000027993	6/13/96
SC-02705-U	AROCLOR-1260	ND		44.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353018	U	QT1390.0	6/15/96	0000027993	6/13/96
SC-02705-U	LEAD	15.50		0.16	UG/G	*		EPA CLP	SOIL	METALS	1.00	11353018		QT1390.0	6/14/96	0000027993	6/13/96
SC-02705-U	RADIUM-226	1.28	0.10	0.34	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2526		WP0067.0	7/16/96	0000027993	6/13/96
SC-02705-U	RADIUM-228	1.27	0.18	0.48	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2526		WP0067.0	7/16/96	0000027993	6/13/96
SC-02705-U	THORIUM-230	0.88	0.27	0.13	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11353018		QT1390.0	6/16/96	0000027993	6/13/96
SC-02705-U	URANIUM-238	ND		3.08	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2526		WP0067.0	7/16/96	0000027993	6/13/96
SC-02706-S	AROCLOR-1248	ND		47.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11319007	U	QT1384.0	6/11/96	0000023527	6/8/96
SC-02706-S	AROCLOR-1254	ND		47.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11319007	U	QT1384.0	6/11/96	0000023527	6/8/96
SC-02706-S	AROCLOR-1260	ND		47.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11319007	U	QT1384.0	6/11/96	0000023527	6/8/96
SC-02706-S	LEAD	34.20		0.17	UG/G	*		EPA CLP	SOIL	METALS	1.00	11319007		QT1384.0	6/11/96	0000023527	6/8/96
SC-02706-S	RADIUM-226	1.65	0.13	0.28	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2450		WP0065.0	7/12/96	0000023527	6/8/96
SC-02706-S	RADIUM-228	1.41	0.18	0.45	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2450		WP0065.0	7/12/96	0000023527	6/8/96
SC-02706-S	THORIUM-230	1.76	0.53	0.27	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11319007		QT1384.0	6/12/96	0000023527	6/8/96
SC-02706-S	URANIUM-238	ND		3.91	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2450		WP0065.0	7/12/96	0000023527	6/8/96
SC-02706-U	AROCLOR-1248	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353019	U	QT1390.0	6/15/96	0000027994	6/13/96
SC-02706-U	AROCLOR-1254	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353019	U	QT1390.0	6/15/96	0000027994	6/13/96
SC-02706-U	AROCLOR-1260	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353019	U	QT1390.0	6/15/96	0000027994	6/13/96
SC-02706-U	LEAD	12.30		0.15	UG/G	*		EPA CLP	SOIL	METALS	1.00	11353019		QT1390.0	6/14/96	0000027994	6/13/96
SC-02706-U	RADIUM-226	1.03	0.11	0.14	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2529		WP0067.0	7/16/96	0000027994	6/13/96
SC-02706-U	RADIUM-228	ND		1.33	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2529		WP0067.0	7/16/96	0000027994	6/13/96
SC-02706-U	THORIUM-230	1.79	0.44	0.09	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11353019		QT1390.0	6/16/96	0000027994	6/13/96
SC-02706-U	URANIUM-238	11.20	2.04	4.11	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2529		WP0067.0	7/16/96	0000027994	6/13/96
SC-02707-S	AROCLOR-1248	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11319016	U	QT1384.0	6/12/96	0000023528	6/8/96
SC-02707-S	AROCLOR-1254	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11319016	U	QT1384.0	6/12/96	0000023528	6/8/96
SC-02707-S	AROCLOR-1260	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11319016	U	QT1384.0	6/12/96	0000023528	6/8/96
SC-02707-S	LEAD	25.90		0.15	UG/G	*		EPA CLP	SOIL	METALS	1.00	11319016		QT1384.0	6/11/96	0000023528	6/8/96
SC-02707-S	RADIUM-226	1.48	0.10	0.31	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2451		WP0065.0	7/12/96	0000023528	6/8/96
SC-02707-S	RADIUM-228	1.06	0.13	0.43	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2451		WP0065.0	7/12/96	0000023528	6/8/96
SC-02707-S	THORIUM-230	2.04	0.52	0.16	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11319016		QT1384.0	6/12/96	0000023528	6/8/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-02707-S	URANIUM-238	ND		3.45	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2451		WP0085.0	7/12/96	0000023526	6/6/96
SC-02707-U	AROCLOR-1248	ND		43.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353020	U	QT1390.0	6/15/96	0000027995	6/13/96
SC-02707-U	AROCLOR-1254	ND		43.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353020	U	QT1390.0	6/15/96	0000027995	6/13/96
SC-02707-U	AROCLOR-1260	ND		43.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353020	U	QT1390.0	6/15/96	0000027995	6/13/96
SC-02707-U	LEAD	11.50		0.16	UG/G	*		EPA CLP	SOIL	METALS	1.00	11353020		QT1390.0	6/14/96	0000027995	6/13/96
SC-02707-U	RADIUM-226	1.57	0.11	0.31	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2530		WP0087.0	7/16/96	0000027995	6/13/96
SC-02707-U	RADIUM-228	1.40	0.14	0.46	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2530		WP0087.0	7/16/96	0000027995	6/13/96
SC-02707-U	THORIUM-230	1.18	0.34	0.11	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11353020		QT1390.0	6/16/96	0000027995	6/13/96
SC-02707-U	URANIUM-238	ND		3.21	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2530		WP0087.0	7/16/96	0000027995	6/13/96
SC-02708-S	AROCLOR-1248	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11365001	U	QT1391.0	6/17/96	0000023529	6/13/96
SC-02708-S	AROCLOR-1254	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11365001	U	QT1391.0	6/17/96	0000023529	6/13/96
SC-02708-S	AROCLOR-1260	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11365001	U	QT1391.0	6/17/96	0000023529	6/13/96
SC-02708-S	LEAD	18.30		0.15	UG/G	*		EPA CLP	SOIL	METALS	1.00	11365001		QT1391.0	6/14/96	0000023529	6/13/96
SC-02708-S	RADIUM-226	1.40	0.10	0.24	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2544		WP0088.0	7/15/96	0000023529	6/13/96
SC-02708-S	RADIUM-228	1.42	0.13	0.35	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2544		WP0088.0	7/15/96	0000023529	6/13/96
SC-02708-S	THORIUM-230	1.57	0.41	0.17	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11365001		QT1391.0	6/17/96	0000023529	6/13/96
SC-02708-S	URANIUM-238	ND		3.27	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2544		WP0088.0	7/15/96	0000023529	6/13/96
SC-02708-S-HS01	THORIUM-230	1.37	0.14	0.03	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7348-1		LK0421.0	8/30/96	0000028329	6/27/96
SC-02708-S-HS01	URANIUM-238	102.00	9.49	8.87	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2878		WP0095.0	7/1/96	0000028329	6/27/96
SC-02708-U	AROCLOR-1248	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353021	U	QT1390.0	6/15/96	0000027996	6/13/96
SC-02708-U	AROCLOR-1254	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353021	U	QT1390.0	6/15/96	0000027996	6/13/96
SC-02708-U	AROCLOR-1260	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353021	U	QT1390.0	6/16/96	0000027996	6/13/96
SC-02708-U	LEAD	21.10		0.15	UG/G	*		EPA CLP	SOIL	METALS	1.00	11353021		QT1390.0	6/14/96	0000027996	6/13/96
SC-02708-U	RADIUM-226	1.09	0.11	0.37	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2531		WP0087.0	7/16/96	0000027996	6/13/96
SC-02708-U	RADIUM-228	ND		1.41	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2531		WP0087.0	7/16/96	0000027996	6/13/96
SC-02708-U	THORIUM-230	1.64	0.41	0.13	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11353021		QT1390.0	6/16/96	0000027996	6/13/96
SC-02708-U	URANIUM-238	8.75	1.50	3.61	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2531		WP0087.0	7/16/96	0000027996	6/13/96
SC-02709-C	AROCLOR-1248	ND		43.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11365002	U	QT1391.0	6/17/96	0000023535	6/13/96
SC-02709-C	AROCLOR-1254	ND		43.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11365002	U	QT1391.0	6/17/96	0000023535	6/13/96
SC-02709-C	AROCLOR-1260	ND		43.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11365002	U	QT1391.0	6/17/96	0000023535	6/13/96
SC-02709-C	LEAD	16.70		0.15	UG/G	*		EPA CLP	SOIL	METALS	1.00	11365002		QT1391.0	6/14/96	0000023535	6/13/96
SC-02709-C	RADIUM-226	1.57	0.13	0.28	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2545		WP0088.0	7/15/96	0000023535	6/13/96
SC-02709-C	RADIUM-228	1.53	0.17	0.56	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2545		WP0088.0	7/15/96	0000023535	6/13/96
SC-02709-C	THORIUM-230	2.23	0.63	0.22	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11365002		QT1391.0	6/17/96	0000023535	6/13/96
SC-02709-C	URANIUM-238	ND		4.07	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2545		WP0088.0	7/15/96	0000023535	6/13/96
SC-02709-S	AROCLOR-1248	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11319008	U	QT1384.0	6/11/96	0000023530	6/6/96
SC-02709-S	AROCLOR-1254	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11319008	U	QT1384.0	6/11/96	0000023530	6/6/96
SC-02709-S	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11319008	U	QT1384.0	6/11/96	0000023530	6/6/96
SC-02709-S	LEAD	18.60		0.15	UG/G	*		EPA CLP	SOIL	METALS	1.00	11319008		QT1384.0	6/11/96	0000023530	6/6/96
SC-02709-S	RADIUM-226	2.09	0.16	0.32	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2452		WP0085.0	7/12/96	0000023530	6/6/96
SC-02709-S	RADIUM-228	1.22	0.17	0.52	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2452		WP0085.0	7/12/96	0000023530	6/6/96
SC-02709-S	THORIUM-230	3.35	0.83	0.16	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11319008		QT1384.0	6/12/96	0000023530	6/6/96
SC-02709-S	URANIUM-238	ND		4.14	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2452		WP0085.0	7/12/96	0000023530	6/6/96
SC-02709-U	AROCLOR-1248	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353022	U	QT1390.0	6/15/96	0000027997	6/13/96
SC-02709-U	AROCLOR-1254	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353022	U	QT1390.0	6/15/96	0000027997	6/13/96
SC-02709-U	AROCLOR-1260	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353022	U	QT1390.0	6/15/96	0000027997	6/13/96
SC-02709-U	LEAD	37.80		0.15	UG/G	*		EPA CLP	SOIL	METALS	1.00	11353022		QT1390.0	6/14/96	0000027997	6/13/96
SC-02709-U	RADIUM-226	1.24	0.09	0.17	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2532		WP0087.0	7/16/96	0000027997	6/13/96
SC-02709-U	RADIUM-228	1.01	0.12	0.41	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2532		WP0087.0	7/16/96	0000027997	6/13/96
SC-02709-U	THORIUM-230	1.64	0.45	0.13	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11353022		QT1390.0	6/16/96	0000027997	6/13/96
SC-02709-U	URANIUM-238	ND		3.28	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2532		WP0087.0	7/16/96	0000027997	6/13/96
SC-02710-S	AROCLOR-1248	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11319010	U	QT1384.0	6/11/96	0000023531	6/6/96
SC-02710-S	AROCLOR-1254	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11319010	U	QT1384.0	6/11/96	0000023531	6/6/96
SC-02710-S	AROCLOR-1260	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11319010	U	QT1384.0	6/11/96	0000023531	6/6/96
SC-02710-S	LEAD	23.80		0.15	UG/G	*		EPA CLP	SOIL	METALS	1.00	11319010		QT1384.0	6/11/96	0000023531	6/6/96
SC-02710-S	RADIUM-226	1.58	0.14	0.43	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2454		WP0085.0	7/12/96	0000023531	6/6/96
SC-02710-S	RADIUM-228	0.86	0.16	0.71	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2454		WP0085.0	7/12/96	0000023531	6/6/96
SC-02710-S	THORIUM-230	1.86	0.48	0.12	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11319010		QT1384.0	6/12/96	0000023531	6/6/96
SC-02710-S	URANIUM-238	ND		4.53	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2454		WP0085.0	7/12/96	0000023531	6/6/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-02710-U	AROCLOR-1248	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353023	U	QT1390.0	6/15/96	0000027998	6/13/96
SC-02710-U	AROCLOR-1254	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353023	U	QT1390.0	6/15/96	0000027998	6/13/96
SC-02710-U	AROCLOR-1260	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353023	U	QT1390.0	6/15/96	0000027998	6/13/96
SC-02710-U	LEAD	14.10		0.15	UG/G	*		EPA CLP	SOIL	METALS	1.00	11353023		QT1390.0	6/14/96	0000027998	6/13/96
SC-02710-U	RADIUM-226	1.21	0.10	0.25	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2533		WP0087.0	7/15/96	0000027998	6/13/96
SC-02710-U	RADIUM-228	1.34	0.13	0.39	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2533		WP0087.0	7/15/96	0000027998	6/13/96
SC-02710-U	THORIUM-230	1.38	0.37	0.09	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11353023		QT1390.0	6/18/96	0000027998	6/13/96
SC-02710-U	URANIUM-238	ND		3.04	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2533		WP0087.0	7/15/96	0000027998	6/13/96
SC-02711-S	AROCLOR-1248	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11319011	U	QT1384.0	6/11/96	0000023532	6/8/96
SC-02711-S	AROCLOR-1254	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11319011	U	QT1384.0	6/11/96	0000023532	6/8/96
SC-02711-S	AROCLOR-1260	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11319011	U	QT1384.0	6/11/96	0000023532	6/8/96
SC-02711-S	LEAD	20.40		0.14	UG/G	*		EPA CLP	SOIL	METALS	1.00	11319011		QT1384.0	6/11/96	0000023532	6/8/96
SC-02711-S	RADIUM-226	1.63	0.13	0.30	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2455		WP0085.0	7/12/96	0000023532	6/8/96
SC-02711-S	RADIUM-228	1.19	0.19	0.49	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2455		WP0085.0	7/12/96	0000023532	6/8/96
SC-02711-S	THORIUM-230	2.12	0.61	0.18	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11319011		QT1384.0	6/12/96	0000023532	6/8/96
SC-02711-S	URANIUM-238	ND		4.26	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2455		WP0085.0	7/12/96	0000023532	6/8/96
SC-02712-S	AROCLOR-1248	ND		43.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11319012	U	QT1384.0	6/11/96	0000023533	6/8/96
SC-02712-S	AROCLOR-1254	ND		43.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11319012	U	QT1384.0	6/11/96	0000023533	6/8/96
SC-02712-S	AROCLOR-1260	ND		43.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11319012	U	QT1384.0	6/11/96	0000023533	6/8/96
SC-02712-S	LEAD	15.20		0.16	UG/G	*		EPA CLP	SOIL	METALS	1.00	11319012		QT1384.0	6/11/96	0000023533	6/8/96
SC-02712-S	RADIUM-226	1.19	0.12	0.30	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2456		WP0085.0	7/12/96	0000023533	6/8/96
SC-02712-S	RADIUM-228	1.27	0.17	0.55	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2456		WP0085.0	7/12/96	0000023533	6/8/96
SC-02712-S	THORIUM-230	1.62	0.48	0.15	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11319012		QT1384.0	6/12/96	0000023533	6/8/96
SC-02712-S	URANIUM-238	ND		4.08	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2456		WP0085.0	7/12/96	0000023533	6/8/96
SC-02801-S	URANIUM-238	ND		3.35	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2374		WP0080.0	7/8/96	0000023536	6/4/96
SC-02802-S	AROCLOR-1248	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11726001	U	QT1436.0	8/6/96	0000023537	8/2/96
SC-02802-S	AROCLOR-1254	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11726001	U	QT1436.0	8/6/96	0000023537	8/2/96
SC-02802-S	AROCLOR-1260	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11726001	U	QT1436.0	8/6/96	0000023537	8/2/96
SC-02802-S	ARSENIC	5.50		0.47	UG/G	*		EPA CLP	SOIL	METALS	1.00	11726001		QT1436.0	8/7/96	0000023537	8/2/96
SC-02802-S	CHROMIUM	7.60		0.54	UG/G	*		EPA CLP	SOIL	METALS	1.00	11726001		QT1436.0	8/7/96	0000023537	8/2/96
SC-02802-S	LEAD	16.10		0.33	UG/G	*		EPA CLP	SOIL	METALS	1.00	11726001		QT1436.0	8/7/96	0000023537	8/2/96
SC-02802-S	RADIUM-226	1.07	0.11	0.34	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3034		WP0111.0	9/9/96	0000023537	8/2/96
SC-02802-S	RADIUM-228	1.75	0.20	0.61	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3034		WP0111.0	9/9/96	0000023537	8/2/96
SC-02802-S	THORIUM-230	2.54	0.12	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3034		WP0111.0	8/8/96	0000023537	8/2/96
SC-02802-S	URANIUM-238	ND		3.60	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3034		WP0111.0	9/9/96	0000023537	8/2/96
SC-02803-S	URANIUM-238	ND		3.34	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3035		WP0111.0	8/6/96	0000023538	8/2/96
SC-02804-S	AROCLOR-1248	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11726002	U	QT1436.0	8/6/96	0000023539	8/2/96
SC-02804-S	AROCLOR-1254	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11726002	U	QT1436.0	8/6/96	0000023539	8/2/96
SC-02804-S	AROCLOR-1260	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11726002	U	QT1436.0	8/6/96	0000023539	8/2/96
SC-02804-S	ARSENIC	9.50		0.51	UG/G	*		EPA CLP	SOIL	METALS	1.00	11726002		QT1436.0	8/7/96	0000023539	8/2/96
SC-02804-S	CHROMIUM	11.10		0.59	UG/G	*		EPA CLP	SOIL	METALS	1.00	11726002		QT1436.0	8/7/96	0000023539	8/2/96
SC-02804-S	LEAD	14.10		0.36	UG/G	*		EPA CLP	SOIL	METALS	1.00	11726002		QT1436.0	8/7/96	0000023539	8/2/96
SC-02804-S	RADIUM-226	1.41	0.10	0.32	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3036		WP0111.0	9/9/96	0000023539	8/2/96
SC-02804-S	RADIUM-228	1.56	0.13	0.08	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3036		WP0111.0	9/9/96	0000023539	8/2/96
SC-02804-S	THORIUM-230	2.55	0.14	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3036		WP0111.0	8/8/96	0000023539	8/2/96
SC-02804-S	URANIUM-238	ND		2.92	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3036		WP0111.0	9/9/96	0000023539	8/2/96
SC-02805-S	URANIUM-238	ND		3.00	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3037		WP0111.0	8/6/96	0000023540	8/2/96
SC-02805-S	URANIUM-238	ND		4.47	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2375		WP0060.0	7/8/96	0000023540	6/4/96
SC-02806-S	AROCLOR-1248	ND		44.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11726003	U	QT1436.0	8/6/96	0000023541	8/2/96
SC-02806-S	AROCLOR-1254	ND		44.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11726003	U	QT1436.0	8/6/96	0000023541	8/2/96
SC-02806-S	AROCLOR-1260	ND		44.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11726003	U	QT1436.0	8/6/96	0000023541	8/2/96
SC-02806-S	ARSENIC	8.10		0.53	UG/G	*		EPA CLP	SOIL	METALS	1.00	11726003		QT1436.0	8/7/96	0000023541	8/2/96
SC-02806-S	CHROMIUM	9.20		0.60	UG/G	*		EPA CLP	SOIL	METALS	1.00	11726003		QT1436.0	8/7/96	0000023541	8/2/96
SC-02806-S	LEAD	13.40		0.37	UG/G	*		EPA CLP	SOIL	METALS	1.00	11726003		QT1436.0	8/7/96	0000023541	8/2/96
SC-02806-S	RADIUM-226	1.15	0.12	0.48	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3038		WP0111.0	9/9/96	0000023541	8/2/96
SC-02806-S	RADIUM-228	1.38	0.21	0.68	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3038		WP0111.0	9/9/96	0000023541	8/2/96
SC-02806-S	THORIUM-230	2.41	0.08	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3038		WP0111.0	8/8/96	0000023541	8/2/96
SC-02806-S	URANIUM-238	ND		3.83	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3038		WP0111.0	9/9/96	0000023541	8/2/96
SC-02807-S	URANIUM-238	ND		3.17	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3039		WP0111.0	8/6/96	0000023542	8/2/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-02808-S	AROCLOR-1248	ND		38.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11726004	U	QT1436.0	8/6/96	0000023543	8/2/96
SC-02808-S	AROCLOR-1254	ND		38.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11726004	U	QT1436.0	8/6/96	0000023543	8/2/96
SC-02808-S	AROCLOR-1260	ND		38.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11726004	U	QT1436.0	8/6/96	0000023543	8/2/96
SC-02808-S	ARSENIC	3.00		0.48	UG/G	*		EPA CLP	SOIL	METALS	1.00	11726004		QT1436.0	8/7/96	0000023543	8/2/96
SC-02808-S	CHROMIUM	12.70		0.53	UG/G	*		EPA CLP	SOIL	METALS	1.00	11726004		QT1436.0	8/7/96	0000023543	8/2/96
SC-02808-S	LEAD	8.90		0.32	UG/G	*		EPA CLP	SOIL	METALS	1.00	11726004		QT1436.0	8/7/96	0000023543	8/2/96
SC-02808-S	RADIUM-226	1.59	0.10	0.32	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3040		WP0111.0	9/9/96	0000023543	8/2/96
SC-02808-S	RADIUM-228	1.27	0.12	0.34	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3040		WP0111.0	9/9/96	0000023543	8/2/96
SC-02808-S	THORIUM-230	2.43	0.08	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3040		WP0111.0	9/9/96	0000023543	8/2/96
SC-02808-S	URANIUM-238	ND		3.22	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3040		WP0111.0	9/9/96	0000023543	8/2/96
SC-02809-S	URANIUM-238	ND		4.42	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2378		WP0060.0	7/8/96	0000023544	8/4/96
SC-02810-S	AROCLOR-1248	ND		45.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11726005	U	QT1436.0	8/6/96	0000023545	8/2/96
SC-02810-S	AROCLOR-1254	ND		45.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11726005	U	QT1436.0	8/6/96	0000023545	8/2/96
SC-02810-S	AROCLOR-1260	ND		45.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11726005	U	QT1436.0	8/6/96	0000023545	8/2/96
SC-02810-S	ARSENIC	7.30		0.55	UG/G	*		EPA CLP	SOIL	METALS	1.00	11726005		QT1436.0	8/7/96	0000023545	8/2/96
SC-02810-S	CHROMIUM	18.10		0.63	UG/G	*		EPA CLP	SOIL	METALS	1.00	11726005		QT1436.0	8/7/96	0000023545	8/2/96
SC-02810-S	LEAD	12.00		0.38	UG/G	*		EPA CLP	SOIL	METALS	1.00	11726005		QT1436.0	8/7/96	0000023545	8/2/96
SC-02810-S	RADIUM-226	1.72	0.14	0.39	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3041		WP0111.0	9/9/96	0000023545	8/2/96
SC-02810-S	RADIUM-228	1.49	0.18	0.51	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3041		WP0111.0	9/9/96	0000023545	8/2/96
SC-02810-S	THORIUM-230	3.58	0.19	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3041		WP0111.0	9/9/96	0000023545	8/2/96
SC-02810-S	URANIUM-238	5.54	1.33	3.32	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3041		WP0111.0	9/9/96	0000023545	8/2/96
SC-02811-C	URANIUM-238	ND		4.25	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3042		WP0111.0	9/9/96	0000023546	8/2/96
SC-02811-S	URANIUM-238	ND		3.18	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3043		WP0111.0	9/9/96	0000023546	8/2/96
SC-02812-S	AROCLOR-1248	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11726006	U	QT1436.0	8/6/96	0000023547	8/2/96
SC-02812-S	AROCLOR-1254	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11726006	U	QT1436.0	8/6/96	0000023547	8/2/96
SC-02812-S	AROCLOR-1260	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11726006	U	QT1436.0	8/6/96	0000023547	8/2/96
SC-02812-S	ARSENIC	6.70		0.47	UG/G	*		EPA CLP	SOIL	METALS	1.00	11726006		QT1436.0	8/7/96	0000023547	8/2/96
SC-02812-S	CHROMIUM	10.90		0.54	UG/G	*		EPA CLP	SOIL	METALS	1.00	11726006		QT1436.0	8/7/96	0000023547	8/2/96
SC-02812-S	LEAD	15.40		0.33	UG/G	*		EPA CLP	SOIL	METALS	1.00	11726006		QT1436.0	8/7/96	0000023547	8/2/96
SC-02812-S	RADIUM-226	1.21	0.09	0.29	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3044		WP0111.0	9/9/96	0000023547	8/2/96
SC-02812-S	RADIUM-228	1.17	0.13	0.45	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3044		WP0111.0	9/9/96	0000023547	8/2/96
SC-02812-S	THORIUM-230	2.58	0.11	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3044		WP0111.0	9/9/96	0000023547	8/2/96
SC-02812-S	URANIUM-238	ND		3.36	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3044		WP0111.0	9/9/96	0000023547	8/2/96
SC-02901-S	URANIUM-238	ND		4.00	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3019		WP0110.0	8/5/96	0000023556	8/2/96
SC-02902-S	AROCLOR-1248	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11714001	U	QT1434.0	8/5/96	0000023550	8/2/96
SC-02902-S	AROCLOR-1254	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11714001	U	QT1434.0	8/5/96	0000023550	8/2/96
SC-02902-S	AROCLOR-1260	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11714001	U	QT1434.0	8/5/96	0000023550	8/2/96
SC-02902-S	ARSENIC	7.50		0.47	UG/G	*		EPA CLP	SOIL	METALS	1.00	11714001		QT1434.0	8/3/96	0000023550	8/2/96
SC-02902-S	CHROMIUM	19.40		0.54	UG/G	*		EPA CLP	SOIL	METALS	1.00	11714001		QT1434.0	8/3/96	0000023550	8/2/96
SC-02902-S	LEAD	16.00		0.33	UG/G	*		EPA CLP	SOIL	METALS	1.00	11714001		QT1434.0	8/3/96	0000023550	8/2/96
SC-02902-S	RADIUM-226	1.82	0.13	0.34	PCI/G	A	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3020		WP0110.0	9/13/96	0000023550	8/2/96
SC-02902-S	RADIUM-228	1.20	0.18	0.59	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3020		WP0110.0	9/13/96	0000023550	8/2/96
SC-02902-S	THALLIUM	ND		0.75	UG/G	*		EPA CLP	SOIL	METALS	1.00	11714001	U	QT1434.0	8/3/96	0000023550	8/2/96
SC-02902-S	THORIUM-230	2.49	0.10	2.27	PCI/G	A		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3020		WP0110.0	9/6/96	0000023550	8/2/96
SC-02902-S	URANIUM-238	ND		3.88	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3020		WP0110.0	9/13/96	0000023550	8/2/96
SC-02903-S	AROCLOR-1248	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11714002	U	QT1434.0	8/5/96	0000023551	8/2/96
SC-02903-S	AROCLOR-1254	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11714002	U	QT1434.0	8/5/96	0000023551	8/2/96
SC-02903-S	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11714002	U	QT1434.0	8/5/96	0000023551	8/2/96
SC-02903-S	ARSENIC	7.80		0.49	UG/G	*		EPA CLP	SOIL	METALS	1.00	11714002		QT1434.0	8/3/96	0000023551	8/2/96
SC-02903-S	CHROMIUM	19.30		0.56	UG/G	*		EPA CLP	SOIL	METALS	1.00	11714002		QT1434.0	8/3/96	0000023551	8/2/96
SC-02903-S	LEAD	16.50		0.34	UG/G	*		EPA CLP	SOIL	METALS	1.00	11714002		QT1434.0	8/3/96	0000023551	8/2/96
SC-02903-S	RADIUM-226	1.65	0.14	0.38	PCI/G	A	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3021		WP0110.0	9/6/96	0000023551	8/2/96
SC-02903-S	RADIUM-228	1.21	0.16	0.47	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3021		WP0110.0	9/6/96	0000023551	8/2/96
SC-02903-S	THALLIUM	1.40		0.78	UG/G	*		EPA CLP	SOIL	METALS	1.00	11714002	B	QT1434.0	8/3/96	0000023551	8/2/96
SC-02903-S	THORIUM-230	2.85	0.14	2.27	PCI/G	A		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3021		WP0110.0	9/6/96	0000023551	8/2/96
SC-02903-S	URANIUM-238	ND		4.45	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3021		WP0110.0	9/6/96	0000023551	8/2/96
SC-02904-S	URANIUM-238	8.00	1.20	2.99	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3023		WP0110.0	9/6/96	0000023557	8/2/96
SC-02905-S	AROCLOR-1248	ND		38.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11714004	U	QT1434.0	8/5/96	0000023552	8/2/96
SC-02905-S	AROCLOR-1254	ND		38.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11714004	U	QT1434.0	8/5/96	0000023552	8/2/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-02905-S	AROCLOR-1260	ND		38.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11714004	U	QT1434.0	8/5/96	0000023552	8/2/96
SC-02905-S	ARSENIC	6.80		0.46	UG/G	*		EPA CLP	SOIL	METALS	1.00	11714004		QT1434.0	8/3/96	0000023552	8/2/96
SC-02905-S	CHROMIUM	15.90		0.52	UG/G	*		EPA CLP	SOIL	METALS	1.00	11714004		QT1434.0	8/3/96	0000023552	8/2/96
SC-02905-S	LEAD	13.10		0.32	UG/G	*		EPA CLP	SOIL	METALS	1.00	11714004		QT1434.0	8/3/96	0000023552	8/2/96
SC-02905-S	RADIUM-226	1.32	0.13	0.36	PCI/G	A	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3024		WP0110.0	9/9/96	0000023552	8/2/96
SC-02905-S	RADIUM-228	1.12	0.18	0.83	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3024		WP0110.0	9/9/96	0000023552	8/2/96
SC-02905-S	THALLIUM	1.00		0.73	UG/G	*		EPA CLP	SOIL	METALS	1.00	11714004	B	QT1434.0	8/3/96	0000023552	8/2/96
SC-02905-S	THORIUM-230	2.81	0.13	2.27	PCI/G	A		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3024		WP0110.0	8/5/96	0000023552	8/2/96
SC-02905-S	URANIUM-238	ND		4.80	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3024		WP0110.0	9/9/96	0000023552	8/2/96
SC-02906-S	AROCLOR-1248	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11714005	U	QT1434.0	8/5/96	0000023553	8/2/96
SC-02906-S	AROCLOR-1254	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11714005	U	QT1434.0	8/5/96	0000023553	8/2/96
SC-02906-S	AROCLOR-1260	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11714005	U	QT1434.0	8/5/96	0000023553	8/2/96
SC-02906-S	ARSENIC	15.10		0.51	UG/G	*		EPA CLP	SOIL	METALS	1.00	11714005		QT1434.0	8/3/96	0000023553	8/2/96
SC-02906-S	CHROMIUM	20.00		0.58	UG/G	*		EPA CLP	SOIL	METALS	1.00	11714005		QT1434.0	8/3/96	0000023553	8/2/96
SC-02906-S	LEAD	26.20		0.35	UG/G	*		EPA CLP	SOIL	METALS	1.00	11714005		QT1434.0	8/3/96	0000023553	8/2/96
SC-02906-S	RADIUM-226	1.56	0.10	0.31	PCI/G	J	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3025		WP0110.0	9/9/96	0000023553	8/2/96
SC-02906-S	RADIUM-228	1.04	0.16	0.50	PCI/G	J		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3025		WP0110.0	9/9/96	0000023553	8/2/96
SC-02906-S	THALLIUM	1.80		0.81	UG/G	*		EPA CLP	SOIL	METALS	1.00	11714005	B	QT1434.0	8/3/96	0000023553	8/2/96
SC-02906-S	THORIUM-230	2.73	0.12	2.27	PCI/G	A		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3025		WP0110.0	8/5/96	0000023553	8/2/96
SC-02906-S	URANIUM-238	ND		3.21	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3025		WP0110.0	9/9/96	0000023553	8/2/96
SC-02907-S	AROCLOR-1248	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11714006	U	QT1434.0	8/5/96	0000023558	8/2/96
SC-02907-S	AROCLOR-1254	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11714006	U	QT1434.0	8/5/96	0000023558	8/2/96
SC-02907-S	AROCLOR-1260	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11714006	U	QT1434.0	8/5/96	0000023558	8/2/96
SC-02907-S	ARSENIC	9.20		0.50	UG/G	*		EPA CLP	SOIL	METALS	1.00	11714006		QT1434.0	8/3/96	0000023558	8/2/96
SC-02907-S	CHROMIUM	21.60		0.57	UG/G	*		EPA CLP	SOIL	METALS	1.00	11714006		QT1434.0	8/3/96	0000023558	8/2/96
SC-02907-S	LEAD	10.90		0.35	UG/G	*		EPA CLP	SOIL	METALS	1.00	11714006		QT1434.0	8/3/96	0000023558	8/2/96
SC-02907-S	RADIUM-226	1.50	0.13	0.38	PCI/G	A	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3026		WP0110.0	9/9/96	0000023558	8/2/96
SC-02907-S	RADIUM-228	1.25	0.16	0.58	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3026		WP0110.0	9/9/96	0000023558	8/2/96
SC-02907-S	THALLIUM	1.20		0.80	UG/G	*		EPA CLP	SOIL	METALS	1.00	11714006	B	QT1434.0	8/3/96	0000023558	8/2/96
SC-02907-S	THORIUM-230	2.81	0.14	2.27	PCI/G	A		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3026		WP0110.0	8/5/96	0000023558	8/2/96
SC-02907-S	URANIUM-238	ND		4.17	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3026		WP0110.0	9/9/96	0000023558	8/2/96
SC-02908-C	CHROMIUM	17.10		0.57	UG/G	*		EPA CLP	SOIL	METALS	1.00	11714007		QT1434.0	8/3/96	0000023555	8/2/96
SC-02908-S	AROCLOR-1248	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11714008	U	QT1434.0	8/5/96	0000023554	8/2/96
SC-02908-S	AROCLOR-1254	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11714008	U	QT1434.0	8/5/96	0000023554	8/2/96
SC-02908-S	AROCLOR-1260	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11714008	U	QT1434.0	8/5/96	0000023554	8/2/96
SC-02908-S	ARSENIC	17.30		0.51	UG/G	*		EPA CLP	SOIL	METALS	1.00	11714008		QT1434.0	8/3/96	0000023554	8/2/96
SC-02908-S	CHROMIUM	41.60		0.58	UG/G	*		EPA CLP	SOIL	METALS	1.00	11714008		QT1434.0	8/3/96	0000023554	8/2/96
SC-02908-S	LEAD	23.60		0.36	UG/G	*		EPA CLP	SOIL	METALS	1.00	11714008		QT1434.0	8/3/96	0000023554	8/2/96
SC-02908-S	RADIUM-226	1.29	0.10	0.31	PCI/G	A	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3027		WP0110.0	9/9/96	0000023554	8/2/96
SC-02908-S	RADIUM-228	1.07	0.12	0.41	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3027		WP0110.0	9/9/96	0000023554	8/2/96
SC-02908-S	THALLIUM	2.20		0.81	UG/G	*		EPA CLP	SOIL	METALS	1.00	11714008	B	QT1434.0	8/3/96	0000023554	8/2/96
SC-02908-S	THORIUM-230	2.64	0.11	2.27	PCI/G	A		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3027		WP0110.0	8/5/96	0000023554	8/2/96
SC-02908-S	URANIUM-238	ND		3.11	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3027		WP0110.0	9/9/96	0000023554	8/2/96
SC-02909-S	AROCLOR-1248	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11714009	U	QT1434.0	8/5/96	0000023456	8/2/96
SC-02909-S	AROCLOR-1254	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11714009	U	QT1434.0	8/5/96	0000023456	8/2/96
SC-02909-S	AROCLOR-1260	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11714009	U	QT1434.0	8/5/96	0000023456	8/2/96
SC-02909-S	ARSENIC	8.30		0.48	UG/G	*		EPA CLP	SOIL	METALS	1.00	11714009		QT1434.0	8/3/96	0000023456	8/2/96
SC-02909-S	CHROMIUM	18.50		0.55	UG/G	*		EPA CLP	SOIL	METALS	1.00	11714009		QT1434.0	8/3/96	0000023456	8/2/96
SC-02909-S	LEAD	16.10		0.33	UG/G	*		EPA CLP	SOIL	METALS	1.00	11714009		QT1434.0	8/3/96	0000023456	8/2/96
SC-02909-S	RADIUM-226	1.78	0.14	0.42	PCI/G	A	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3028		WP0110.0	9/9/96	0000023456	8/2/96
SC-02909-S	RADIUM-228	2.28	0.24	0.80	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3028		WP0110.0	9/9/96	0000023456	8/2/96
SC-02909-S	THALLIUM	1.40		0.76	UG/G	*		EPA CLP	SOIL	METALS	1.00	11714009	B	QT1434.0	8/3/96	0000023456	8/2/96
SC-02909-S	THORIUM-230	3.44	0.18	2.27	PCI/G	A		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3028		WP0110.0	8/5/96	0000023456	8/2/96
SC-02909-S	URANIUM-238	12.40	2.14	4.80	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3028		WP0110.0	9/9/96	0000023456	8/2/96
SC-02910-S	URANIUM-238	ND		3.22	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3029		WP0110.0	9/9/96	0000023559	8/2/96
SC-02911-S	URANIUM-238	ND		4.83	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3030		WP0110.0	9/9/96	0000023560	8/2/96
SC-02912-S	URANIUM-238	ND		3.11	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3031		WP0110.0	8/8/96	0000023561	8/2/96
SC-02913-S	URANIUM-238	ND		4.04	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2481		WP0086.0	7/15/96	0000023562	6/12/96
SC-02914-S	AROCLOR-1248	ND		41.60	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11340017	U	QT1389.0	6/14/96	0000023569	6/12/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-02914-S	AROCLOR-1254	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11340017	U	QT1389.0	6/14/96	0000023569	6/12/96
SC-02914-S	AROCLOR-1260	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11340017	U	QT1389.0	6/14/96	0000023569	6/12/96
SC-02914-S	URANIUM-238	ND		3.88	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2482		WP0085.0	7/15/96	0000023569	6/12/96
SC-02914-S-RS	AROCLOR-1248	ND		17.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7348-18		LK0421.0	6/30/96	0000028321	6/27/96
SC-02914-S-RS	AROCLOR-1254	ND		17.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7348-18		LK0421.0	6/30/96	0000028321	6/27/96
SC-02914-S-RS	AROCLOR-1260	ND		17.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7348-18		LK0421.0	6/30/96	0000028321	6/27/96
SC-02914-S-RS	URANIUM-238	ND		3.94	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2677		WP0095.0	7/3/96	0000028321	6/27/96
SC-02915-S	AROCLOR-1248	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11340018	U	QT1389.0	6/14/96	0000023570	6/12/96
SC-02915-S	AROCLOR-1254	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11340018	U	QT1389.0	6/14/96	0000023570	6/12/96
SC-02915-S	AROCLOR-1260	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11340018	U	QT1389.0	6/14/96	0000023570	6/12/96
SC-02915-S	URANIUM-238	ND		3.29	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2483		WP0088.0	7/15/96	0000023570	6/12/96
SC-02915-S-RS	AROCLOR-1248	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7348-19		LK0421.0	6/30/96	0000028327	6/27/96
SC-02915-S-RS	AROCLOR-1254	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7348-19		LK0421.0	6/30/96	0000028327	6/27/96
SC-02915-S-RS	AROCLOR-1260	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7348-19		LK0421.0	6/30/96	0000028327	6/27/96
SC-02915-S-RS	URANIUM-238	ND		4.07	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2678		WP0095.0	7/1/96	0000028327	6/27/96
SC-02916-S	URANIUM-238	ND		3.60	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2457		WP0085.0	7/12/96	0000023563	6/6/96
SC-02917-S	URANIUM-238	5.80	1.78	5.13	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2458		WP0085.0	7/12/96	0000023564	6/6/96
SC-02918-S	URANIUM-238	13.00	1.58	3.24	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2459		WP0085.0	7/12/96	0000023565	6/6/96
SC-02919-S	URANIUM-238	ND		5.01	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2409		WP0081.0	7/9/96	0000023566	6/5/96
SC-02920-C	AROCLOR-1248	ND		45.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11340019	U	QT1389.0	6/14/96	0000023571	6/12/96
SC-02920-C	AROCLOR-1254	ND		45.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11340019	U	QT1389.0	6/14/96	0000023571	6/12/96
SC-02920-C	AROCLOR-1260	71.00		45.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11340019		QT1389.0	6/14/96	0000023571	6/12/96
SC-02920-C-RS	AROCLOR-1248	ND		18.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7348-20		LK0421.0	6/30/96	0000028322	6/27/96
SC-02920-C-RS	AROCLOR-1254	ND		18.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7348-20		LK0421.0	6/30/96	0000028322	6/27/96
SC-02920-C-RS	AROCLOR-1260	ND		18.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7348-20		LK0421.0	6/30/96	0000028322	6/27/96
SC-02920-S	URANIUM-238	ND		3.17	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2410		WP0081.0	7/9/96	0000023567	6/5/96
SC-02921-S	URANIUM-238	2.90	0.70	2.21	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2411		WP0081.0	7/9/96	0000023568	6/5/96
SC-03001-S	URANIUM-238	3.52	1.28	3.79	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2460		WP0085.0	7/12/96	0000023572	6/6/96
SC-03001-U	AROCLOR-1248	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353024	U	QT1390.0	6/15/96	0000028015	6/13/96
SC-03001-U	AROCLOR-1254	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353024	U	QT1390.0	6/15/96	0000028015	6/13/96
SC-03001-U	AROCLOR-1260	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353024	U	QT1390.0	6/15/96	0000028015	6/13/96
SC-03001-U	LEAD	34.30		0.15	UG/G	*		EPA CLP	SOIL	METALS	1.00	11353024		QT1390.0	6/14/96	0000028015	6/13/96
SC-03001-U	RADIUM-226	1.54	0.13	0.41	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2534		WP0087.0	7/16/96	0000028015	6/13/96
SC-03001-U	RADIUM-228	1.27	0.20	0.75	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2534		WP0087.0	7/16/96	0000028015	6/13/96
SC-03001-U	THORIUM-230	0.96	0.28	0.13	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11353024		QT1390.0	6/15/96	0000028015	6/13/96
SC-03001-U	URANIUM-238	ND		4.55	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2534		WP0087.0	7/16/96	0000028015	6/13/96
SC-03002-S	THORIUM-230	1.49	0.48	0.16	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11319017		QT1384.0	6/12/96		6/6/96
SC-03002-S	URANIUM-238	24.00	2.74	2.92	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2461		WP0085.0	7/12/96	0000023567	6/6/96
SC-03002-S-HS01	THORIUM-230	2.16	0.18	0.02	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7348-2		LK0421.0	6/30/96	0000028326	6/27/96
SC-03002-S-HS01	URANIUM-238	20.70	2.83	5.49	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2679		WP0095.0	7/1/96	0000028326	6/27/96
SC-03002-U	AROCLOR-1248	ND		45.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353025	U	QT1390.0	6/15/96	0000028016	6/13/96
SC-03002-U	AROCLOR-1254	ND		45.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353025	U	QT1390.0	6/15/96	0000028016	6/13/96
SC-03002-U	AROCLOR-1260	ND		45.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353025	U	QT1390.0	6/15/96	0000028016	6/13/96
SC-03002-U	LEAD	9.40		0.17	UG/G	*		EPA CLP	SOIL	METALS	1.00	11353025		QT1390.0	6/14/96	0000028016	6/13/96
SC-03002-U	RADIUM-226	1.37	0.10	0.30	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2535		WP0087.0	7/16/96	0000028016	6/13/96
SC-03002-U	RADIUM-228	1.17	0.12	0.36	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2535		WP0087.0	7/16/96	0000028016	6/13/96
SC-03002-U	THORIUM-230	1.71	0.42	0.08	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11353025		QT1390.0	6/16/96	0000028016	6/13/96
SC-03002-U	URANIUM-238	ND		3.23	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2535		WP0087.0	7/16/96	0000028016	6/13/96
SC-03003-C	THORIUM-230	2.03	0.55	0.07	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11385003		QT1391.0	6/17/96	0000023589	6/13/96
SC-03003-S	THORIUM-230	1.00	0.31	0.11	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11319018		QT1384.0	6/12/96		6/6/96
SC-03003-S	URANIUM-238	ND		3.88	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2482		WP0085.0	7/12/96	0000023588	6/6/96
SC-03003-U	AROCLOR-1248	ND		46.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353026	U	QT1390.0	6/15/96	0000028017	6/13/96
SC-03003-U	AROCLOR-1254	ND		46.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353026	U	QT1390.0	6/15/96	0000028017	6/13/96
SC-03003-U	AROCLOR-1260	ND		46.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353026	U	QT1390.0	6/15/96	0000028017	6/13/96
SC-03003-U	LEAD	16.00		0.17	UG/G	*		EPA CLP	SOIL	METALS	1.00	11353026		QT1390.0	6/14/96	0000028017	6/13/96
SC-03003-U	RADIUM-226	1.53	0.13	0.38	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2536		WP0087.0	7/16/96	0000028017	6/13/96
SC-03003-U	RADIUM-228	1.45	0.18	0.57	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2536		WP0087.0	7/16/96	0000028017	6/13/96
SC-03003-U	THORIUM-230	1.38	0.37	0.11	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11353026		QT1390.0	6/16/96	0000028017	6/13/96
SC-03003-U	URANIUM-238	ND		4.56	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2536		WP0087.0	7/16/96	0000028017	6/13/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-03004-S	AROCLOR-1248	ND		44.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11319015	U	QT1384.0	6/12/96	0000023575	6/8/96
SC-03004-S	AROCLOR-1254	48.00		44.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11319015		QT1384.0	6/12/96	0000023575	6/8/96
SC-03004-S	AROCLOR-1260	ND		44.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11319015	U	QT1384.0	6/12/96	0000023575	6/8/96
SC-03004-S	LEAD	18.30		0.16	UG/G	*		EPA CLP	SOIL	METALS	1.00	11319015		QT1384.0	6/11/96	0000023575	6/8/96
SC-03004-S	RADIUM-226	1.68	0.11	0.30	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2483		WP0085.0	7/12/96	0000023575	6/8/96
SC-03004-S	RADIUM-228	1.19	0.13	0.43	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2483		WP0085.0	7/12/96	0000023575	6/8/96
SC-03004-S	THORIUM-230	3.14	0.71	0.06	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11319015		QT1384.0	6/12/96	0000023575	6/8/96
SC-03004-S	URANIUM-238	2.41	0.87	2.42	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2483		WP0085.0	7/12/96	0000023575	6/8/96
SC-03004-U	AROCLOR-1248	ND		43.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353027	U	QT1390.0	6/15/96	0000028018	6/13/96
SC-03004-U	AROCLOR-1254	ND		43.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353027	U	QT1390.0	6/15/96	0000028018	6/13/96
SC-03004-U	AROCLOR-1260	ND		43.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353027	U	QT1390.0	6/15/96	0000028018	6/13/96
SC-03004-U	LEAD	20.20		0.16	UG/G	*		EPA CLP	SOIL	METALS	1.00	11353027		QT1390.0	6/14/96	0000028018	6/13/96
SC-03004-U	RADIUM-226	1.09	0.09	0.26	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2537		WP0087.0	7/16/96	0000028018	6/13/96
SC-03004-U	RADIUM-228	1.27	0.13	0.47	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2537		WP0087.0	7/16/96	0000028018	6/13/96
SC-03004-U	THORIUM-230	1.19	0.34	0.17	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11353027		QT1390.0	6/16/96	0000028018	6/13/96
SC-03004-U	URANIUM-238	ND		3.08	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2537		WP0087.0	7/16/96	0000028018	6/13/96
SC-03005-S	AROCLOR-1248	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11319013	U	QT1384.0	6/11/96	0000023576	6/8/96
SC-03005-S	AROCLOR-1254	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11319013	U	QT1384.0	6/11/96	0000023576	6/8/96
SC-03005-S	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11319013	U	QT1384.0	6/11/96	0000023576	6/8/96
SC-03005-S	LEAD	13.60		0.14	UG/G	*		EPA CLP	SOIL	METALS	1.00	11319013		QT1384.0	6/11/96	0000023576	6/8/96
SC-03005-S	RADIUM-226	1.64	0.13	0.27	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2484		WP0085.0	7/12/96	0000023576	6/8/96
SC-03005-S	RADIUM-228	1.33	0.20	0.54	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2484		WP0085.0	7/12/96	0000023576	6/8/96
SC-03005-S	THORIUM-230	1.89	0.50	0.21	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11319013		QT1384.0	6/12/96	0000023576	6/8/96
SC-03005-S	URANIUM-238	ND		4.35	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2484		WP0085.0	7/12/96	0000023576	6/8/96
SC-03005-U	AROCLOR-1248	ND		45.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353028	U	QT1390.0	6/15/96	0000028019	6/13/96
SC-03005-U	AROCLOR-1254	ND		45.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353028	U	QT1390.0	6/15/96	0000028019	6/13/96
SC-03005-U	AROCLOR-1260	ND		45.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11353028	U	QT1390.0	6/15/96	0000028019	6/13/96
SC-03005-U	LEAD	15.90		0.17	UG/G	*		EPA CLP	SOIL	METALS	1.00	11353028		QT1390.0	6/14/96	0000028019	6/13/96
SC-03005-U	RADIUM-226	1.26	0.12	0.23	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2538		WP0087.0	7/16/96	0000028019	6/13/96
SC-03005-U	RADIUM-228	ND		1.23	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2538		WP0087.0	7/16/96	0000028019	6/13/96
SC-03005-U	THORIUM-230	1.04	0.31	0.07	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11353028		QT1390.0	6/16/96	0000028019	6/13/96
SC-03005-U	URANIUM-238	ND		4.01	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2538		WP0087.0	7/16/96	0000028019	6/13/96
SC-03006-S	URANIUM-238	7.07	1.10	2.26	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2546		WP0088.0	7/15/96	0000023573	6/13/96
SC-03007-C	THORIUM-230	1.21	0.36	0.13	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11319019		QT1384.0	6/12/96		6/8/96
SC-03007-S	THORIUM-230	1.24	0.38	0.11	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11319020		QT1384.0	6/12/96		6/8/96
SC-03007-S	URANIUM-238	ND		3.52	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2485		WP0085.0	7/12/96	0000023590	6/8/96
SC-03008-S	THORIUM-230	1.37	0.40	0.16	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11385004		QT1391.0	6/17/96	0000023591	6/13/96
SC-03008-S	URANIUM-238	ND		4.15	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2547		WP0088.0	7/15/96	0000023591	6/13/96
SC-03009-C	AROCLOR-1248	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11325001	U	QT1385.0	6/12/96	0000023593	6/8/96
SC-03009-C	AROCLOR-1254	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11325001	U	QT1385.0	6/12/96	0000023593	6/8/96
SC-03009-C	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11325001	U	QT1385.0	6/12/96	0000023593	6/8/96
SC-03009-S	AROCLOR-1248	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11319014	U	QT1384.0	6/12/96	0000023577	6/8/96
SC-03009-S	AROCLOR-1254	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11319014	U	QT1384.0	6/12/96	0000023577	6/8/96
SC-03009-S	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11319014	U	QT1384.0	6/12/96	0000023577	6/8/96
SC-03009-S	LEAD	12.70		0.16	UG/G	*		EPA CLP	SOIL	METALS	1.00	11319014		QT1384.0	6/11/96	0000023577	6/8/96
SC-03009-S	RADIUM-226	1.27	0.13	0.42	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2486		WP0085.0	7/12/96	0000023577	6/8/96
SC-03009-S	RADIUM-228	1.32	0.21	0.70	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2486		WP0085.0	7/12/96	0000023577	6/8/96
SC-03009-S	THORIUM-230	2.28	0.55	0.15	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11319014		QT1384.0	6/12/96	0000023577	6/8/96
SC-03009-S	URANIUM-238	ND		4.11	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2486		WP0085.0	7/12/96	0000023577	6/8/96
SC-03010-S	AROCLOR-1248	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11325002	U	QT1385.0	6/12/96	0000023578	6/8/96
SC-03010-S	AROCLOR-1254	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11325002	U	QT1385.0	6/12/96	0000023578	6/8/96
SC-03010-S	AROCLOR-1260	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11325002	U	QT1385.0	6/12/96	0000023578	6/8/96
SC-03010-S	LEAD	24.80		0.14	UG/G	*		EPA CLP	SOIL	METALS	1.00	11325002		QT1385.0	6/12/96	0000023578	6/8/96
SC-03010-S	RADIUM-226	1.64	0.10	0.27	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2467		WP0085.0	7/12/96	0000023578	6/8/96
SC-03010-S	RADIUM-228	1.17	0.12	0.40	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2467		WP0085.0	7/12/96	0000023578	6/8/96
SC-03010-S	THORIUM-230	1.93	0.52	0.12	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11325002		QT1385.0	6/13/96	0000023578	6/8/96
SC-03010-S	URANIUM-238	ND		3.06	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2467		WP0085.0	7/12/96	0000023578	6/8/96
SC-03011-S	URANIUM-238	ND		4.31	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2468		WP0085.0	7/12/96	0000023574	6/8/96
SC-03012-S	AROCLOR-1248	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11325003	U	QT1385.0	6/12/96	0000023594	6/8/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-03012-S	AROCLOR-1254	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11325003	U	QT1385.0	6/12/96	0000023594	6/6/96
SC-03012-S	AROCLOR-1260	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11325003	U	QT1385.0	6/12/96	0000023594	6/6/96
SC-03012-S	URANIUM-238	ND		3.25	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2469		WP0085.0	7/12/96	0000023594	6/6/96
SC-03013-S	AROCLOR-1248	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11325004	U	QT1385.0	6/12/96	0000023595	6/6/96
SC-03013-S	AROCLOR-1254	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11325004	U	QT1385.0	6/12/96	0000023595	6/6/96
SC-03013-S	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11325004	U	QT1385.0	6/12/96	0000023595	6/6/96
SC-03013-S	URANIUM-238	ND		3.92	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2470		WP0085.0	7/12/96	0000023595	6/6/96
SC-03014-S	AROCLOR-1248	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11325005	U	QT1385.0	6/12/96	0000023579	6/6/96
SC-03014-S	AROCLOR-1254	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11325005	U	QT1385.0	6/12/96	0000023579	6/6/96
SC-03014-S	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11325005	U	QT1385.0	6/12/96	0000023579	6/6/96
SC-03014-S	LEAD	11.30		0.14	UG/G	*		EPA CLP	SOIL	METALS	1.00	11325005		QT1385.0	6/12/96	0000023579	6/6/96
SC-03014-S	RADIUM-226	1.53	0.11	0.25	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2471		WP0085.0	7/12/96	0000023579	6/6/96
SC-03014-S	RADIUM-228	1.11	0.13	0.51	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2471		WP0085.0	7/12/96	0000023579	6/6/96
SC-03014-S	THORIUM-230	1.76	0.51	0.21	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11325005		QT1385.0	6/13/96	0000023579	6/6/96
SC-03014-S	URANIUM-238	ND		3.19	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2471		WP0085.0	7/12/96	0000023579	6/6/96
SC-03015-S	AROCLOR-1248	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11325006	U	QT1385.0	6/12/96	0000023580	6/6/96
SC-03015-S	AROCLOR-1254	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11325006	U	QT1385.0	6/12/96	0000023580	6/6/96
SC-03015-S	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11325006	U	QT1385.0	6/12/96	0000023580	6/6/96
SC-03015-S	LEAD	10.40		0.15	UG/G	*		EPA CLP	SOIL	METALS	1.00	11325006		QT1385.0	6/12/96	0000023580	6/6/96
SC-03015-S	RADIUM-226	1.34	0.12	0.38	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2472		WP0085.0	7/12/96	0000023580	6/6/96
SC-03015-S	RADIUM-228	1.39	0.16	0.25	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2472		WP0085.0	7/12/96	0000023580	6/6/96
SC-03015-S	THORIUM-230	1.67	0.49	0.19	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11325006		QT1385.0	6/13/96	0000023580	6/6/96
SC-03015-S	URANIUM-238	ND		4.12	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2472		WP0085.0	7/12/96	0000023580	6/6/96
SC-03016-S	AROCLOR-1248	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11325007	U	QT1385.0	6/12/96	0000023581	6/6/96
SC-03016-S	AROCLOR-1254	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11325007	U	QT1385.0	6/12/96	0000023581	6/6/96
SC-03016-S	AROCLOR-1260	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11325007	U	QT1385.0	6/12/96	0000023581	6/6/96
SC-03016-S	LEAD	23.40		0.15	UG/G	*		EPA CLP	SOIL	METALS	1.00	11325007		QT1385.0	6/12/96	0000023581	6/6/96
SC-03016-S	RADIUM-226	1.61	0.10	0.29	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2473		WP0085.0	7/12/96	0000023581	6/6/96
SC-03016-S	RADIUM-228	1.28	0.14	0.44	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2473		WP0085.0	7/12/96	0000023581	6/6/96
SC-03016-S	THORIUM-230	1.45	0.43	0.22	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11325007		QT1385.0	6/13/96	0000023581	6/6/96
SC-03016-S	URANIUM-238	4.60	0.59	2.44	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2473		WP0085.0	7/12/96	0000023581	6/6/96
SC-03017-C	AROCLOR-1248	ND		43.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11325008	U	QT1385.0	6/12/96	0000023586	6/6/96
SC-03017-C	AROCLOR-1254	ND		43.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11325008	U	QT1385.0	6/12/96	0000023586	6/6/96
SC-03017-C	AROCLOR-1260	ND		43.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11325008	U	QT1385.0	6/12/96	0000023586	6/6/96
SC-03017-C	LEAD	13.00		0.16	UG/G	*		EPA CLP	SOIL	METALS	1.00	11325008		QT1385.0	6/12/96	0000023586	6/6/96
SC-03017-C	RADIUM-226	1.57	0.11	0.29	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2474		WP0085.0	7/12/96	0000023586	6/6/96
SC-03017-C	RADIUM-228	1.41	0.14	0.39	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2474		WP0085.0	7/12/96	0000023586	6/6/96
SC-03017-C	THORIUM-230	3.89	0.91	0.14	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11325008		QT1385.0	6/13/96	0000023586	6/6/96
SC-03017-S	AROCLOR-1248	ND		48.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11325010	U	QT1385.0	6/12/96	0000023582	6/6/96
SC-03017-S	AROCLOR-1254	ND		48.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11325010	U	QT1385.0	6/12/96	0000023582	6/6/96
SC-03017-S	AROCLOR-1260	ND		48.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11325010	U	QT1385.0	6/12/96	0000023582	6/6/96
SC-03017-S	LEAD	11.20		0.18	UG/G	*		EPA CLP	SOIL	METALS	1.00	11325010		QT1385.0	6/12/96	0000023582	6/6/96
SC-03017-S	RADIUM-226	1.29	0.10	0.32	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2476		WP0085.0	7/12/96	0000023582	6/6/96
SC-03017-S	RADIUM-228	1.26	0.13	0.40	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2476		WP0085.0	7/12/96	0000023582	6/6/96
SC-03017-S	THORIUM-230	1.32	0.39	0.11	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11325010		QT1385.0	6/13/96	0000023582	6/6/96
SC-03017-S	URANIUM-238	ND		3.19	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2476		WP0085.0	7/12/96	0000023582	6/6/96
SC-03018-S	AROCLOR-1248	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11325011	U	QT1385.0	6/12/96	0000023583	6/6/96
SC-03018-S	AROCLOR-1254	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11325011	U	QT1385.0	6/12/96	0000023583	6/6/96
SC-03018-S	AROCLOR-1260	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11325011	U	QT1385.0	6/12/96	0000023583	6/6/96
SC-03018-S	LEAD	19.40		0.15	UG/G	*		EPA CLP	SOIL	METALS	1.00	11325011		QT1385.0	6/12/96	0000023583	6/6/96
SC-03018-S	RADIUM-226	1.38	0.10	0.31	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2477		WP0085.0	7/12/96	0000023583	6/6/96
SC-03018-S	RADIUM-228	1.22	0.13	0.40	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2477		WP0085.0	7/12/96	0000023583	6/6/96
SC-03018-S	THORIUM-230	1.70	0.46	0.14	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11325011		QT1385.0	6/13/96	0000023583	6/6/96
SC-03018-S	URANIUM-238	1.26	0.58	2.54	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2477		WP0085.0	7/12/96	0000023583	6/6/96
SC-03019-S	AROCLOR-1248	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11325012	U	QT1385.0	6/12/96	0000023584	6/6/96
SC-03019-S	AROCLOR-1254	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11325012	U	QT1385.0	6/12/96	0000023584	6/6/96
SC-03019-S	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11325012	U	QT1385.0	6/12/96	0000023584	6/6/96
SC-03019-S	LEAD	22.90		0.14	UG/G	*		EPA CLP	SOIL	METALS	1.00	11325012		QT1385.0	6/12/96	0000023584	6/6/96
SC-03019-S	RADIUM-226	1.60	0.13	0.30	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2478		WP0085.0	7/12/96	0000023584	6/6/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-03019-S	RADIUM-228	1.57	0.20	0.53	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2476		WP0085.0	7/12/96	0000023584	6/6/96
SC-03019-S	THORIUM-230	1.75	0.49	0.11	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11325012		QT1385.0	8/13/96	0000023584	6/6/96
SC-03019-S	URANIUM-238	ND		4.53	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2476		WP0085.0	7/12/96	0000023584	6/6/96
SC-03020-S	AROCLOR-1248	ND		39.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11286022	U	QT1381.0	6/8/96	0000023585	6/5/96
SC-03020-S	AROCLOR-1254	ND		39.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11286022	U	QT1381.0	6/8/96	0000023585	6/5/96
SC-03020-S	AROCLOR-1260	ND		39.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11286022	U	QT1381.0	6/8/96	0000023585	6/5/96
SC-03020-S	LEAD	17.40		0.14	UG/G			EPA CLP	SOIL	METALS	1.00	11286022		QT1381.0	6/7/96	0000023585	6/5/96
SC-03020-S	RADIUM-226	1.54	0.10	0.32	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2433		WP0062.0	7/9/96	0000023585	6/5/96
SC-03020-S	RADIUM-228	1.13	0.13	0.50	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2433		WP0062.0	7/9/96	0000023585	6/5/96
SC-03020-S	THORIUM-230	1.71	0.42	0.10	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11286022		QT1381.0	6/8/96	0000023585	6/5/96
SC-03020-S	URANIUM-238	3.35	0.76	2.75	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2433		WP0062.0	7/9/96	0000023585	6/5/96
SC-03102-S	AROCLOR-1248	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237001	U	QT1373.0	6/1/96	0000023955	5/31/96
SC-03102-S	AROCLOR-1254	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237001	U	QT1373.0	6/1/96	0000023955	5/31/96
SC-03102-S	AROCLOR-1260	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237001	U	QT1373.0	6/1/96	0000023955	5/31/96
SC-03102-S	ARSENIC	6.10		0.50	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237001		QT1373.0	6/1/96	0000023955	5/31/96
SC-03102-S	CHROMIUM	13.90		0.57	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237001		QT1373.0	6/1/96	0000023955	5/31/96
SC-03102-S	LEAD	15.90		0.15	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237001		QT1373.0	6/1/96	0000023955	5/31/96
SC-03102-S	RADIUM-226	1.17	0.13	0.36	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2334		WP0078.0	7/5/96	0000023955	5/31/96
SC-03102-S	RADIUM-228	1.27	0.17	0.27	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2334		WP0078.0	7/5/96	0000023955	5/31/96
SC-03102-S	THORIUM-230	0.09	0.09	0.11	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11237001	U	QT1373.0	6/3/96	0000023955	5/31/96
SC-03102-S	URANIUM-238	ND		4.21	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2334		WP0078.0	7/5/96	0000023955	5/31/96
SC-03103-S	AROCLOR-1248	ND		43.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237003	U	QT1373.0	6/1/96	0000023956	5/31/96
SC-03103-S	AROCLOR-1254	ND		43.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237003	U	QT1373.0	6/1/96	0000023956	5/31/96
SC-03103-S	AROCLOR-1260	ND		43.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237003	U	QT1373.0	6/1/96	0000023956	5/31/96
SC-03103-S	ARSENIC	3.70		0.52	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237003		QT1373.0	6/1/96	0000023956	5/31/96
SC-03103-S	CHROMIUM	10.90		0.60	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237003		QT1373.0	6/1/96	0000023956	5/31/96
SC-03103-S	LEAD	9.70		0.16	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237003		QT1373.0	6/1/96	0000023956	5/31/96
SC-03103-S	RADIUM-226	1.05	0.12	0.23	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2336		WP0078.0	7/5/96	0000023956	5/31/96
SC-03103-S	RADIUM-228	1.88	0.18	0.27	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2336		WP0078.0	7/5/96	0000023956	5/31/96
SC-03103-S	THORIUM-230	0.94	0.33	0.20	PCI/G	A		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11237003		QT1373.0	6/3/96	0000023956	5/31/96
SC-03103-S	URANIUM-238	ND		4.48	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2336		WP0078.0	7/5/96	0000023956	5/31/96
SC-03104-C	AROCLOR-1248	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237004	U	QT1373.0	6/1/96	0000023968	5/31/96
SC-03104-C	AROCLOR-1254	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237004	U	QT1373.0	6/1/96	0000023968	5/31/96
SC-03104-C	AROCLOR-1260	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237004	U	QT1373.0	6/1/96	0000023968	5/31/96
SC-03104-C	ARSENIC	4.60		0.50	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237004		QT1373.0	6/1/96	0000023968	5/31/96
SC-03104-C	CHROMIUM	13.20		0.58	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237004		QT1373.0	6/1/96	0000023968	5/31/96
SC-03104-C	LEAD	11.90		0.15	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237004		QT1373.0	6/1/96	0000023968	5/31/96
SC-03104-C	RADIUM-226	1.27	0.10	0.36	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2337		WP0078.0	7/5/96	0000023968	5/31/96
SC-03104-C	RADIUM-228	1.55	0.14	0.40	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2337		WP0078.0	7/5/96	0000023968	5/31/96
SC-03104-C	THORIUM-230	0.89	0.30	0.18	PCI/G	A		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11237004		QT1373.0	6/3/96	0000023968	5/31/96
SC-03104-C	URANIUM-238	5.65	0.94	2.12	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2337		WP0078.0	7/5/96	0000023968	5/31/96
SC-03104-S	AROCLOR-1248	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237005	U	QT1373.0	6/1/96	0000023957	5/31/96
SC-03104-S	AROCLOR-1254	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237005	U	QT1373.0	6/1/96	0000023957	5/31/96
SC-03104-S	AROCLOR-1260	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237005	U	QT1373.0	6/1/96	0000023957	5/31/96
SC-03104-S	ARSENIC	5.10		0.51	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237005		QT1373.0	6/1/96	0000023957	5/31/96
SC-03104-S	CHROMIUM	16.80		0.58	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237005		QT1373.0	6/1/96	0000023957	5/31/96
SC-03104-S	LEAD	19.50		0.15	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237005		QT1373.0	6/1/96	0000023957	5/31/96
SC-03104-S	RADIUM-226	1.33	0.12	0.29	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2336		WP0078.0	7/5/96	0000023957	5/31/96
SC-03104-S	RADIUM-228	1.74	0.19	0.52	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2336		WP0078.0	7/5/96	0000023957	5/31/96
SC-03104-S	THORIUM-230	0.97	0.34	0.23	PCI/G	A		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11237005		QT1373.0	6/3/96	0000023957	5/31/96
SC-03104-S	URANIUM-238	ND		4.00	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2336		WP0078.0	7/5/96	0000023957	5/31/96
SC-03105-S	AROCLOR-1248	ND		38.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237006	U	QT1373.0	6/1/96	0000023958	5/31/96
SC-03105-S	AROCLOR-1254	ND		38.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237006	U	QT1373.0	6/1/96	0000023958	5/31/96
SC-03105-S	AROCLOR-1260	ND		38.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237006	U	QT1373.0	6/1/96	0000023958	5/31/96
SC-03105-S	ARSENIC	5.50		0.45	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237006		QT1373.0	6/1/96	0000023958	5/31/96
SC-03105-S	CHROMIUM	16.30		0.52	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237006		QT1373.0	6/1/96	0000023958	5/31/96
SC-03105-S	LEAD	11.50		0.14	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237006		QT1373.0	6/1/96	0000023958	5/31/96
SC-03105-S	RADIUM-226	1.46	0.10	0.32	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2339		WP0078.0	7/5/96	0000023958	5/31/96
SC-03105-S	RADIUM-228	1.31	0.14	0.32	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2339		WP0078.0	7/5/96	0000023958	5/31/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-03105-S	THORIUM-230	1.22	0.38	0.14	PCI/G	A		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11237006		QT1373.0	6/3/96	0000023958	5/31/96
SC-03105-S	URANIUM-238	4.36	0.79	2.28	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2339		WP0078.0	7/5/96	0000023958	5/31/96
SC-03106-HS01	THORIUM-230	1.53	0.47	0.24	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11366007		QT1392.0	6/17/96	0000028057	6/14/96
SC-03106-HS02	THORIUM-230	1.24	0.37	0.12	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11366008		QT1392.0	6/17/96	0000028058	6/14/96
SC-03106-HS03	THORIUM-230	8.45	1.45	0.12	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11366009		QT1392.0	6/17/96	0000028063	6/14/96
SC-03106-HS04	THORIUM-230	1.61	0.52	0.12	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11366010		QT1392.0	6/17/96	0000028064	6/14/96
SC-03106-S	AROCLOR-1248	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237007	U	QT1373.0	6/1/96	0000023959	5/31/96
SC-03106-S	AROCLOR-1254	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237007	U	QT1373.0	6/1/96	0000023959	5/31/96
SC-03106-S	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237007	U	QT1373.0	6/1/96	0000023959	5/31/96
SC-03106-S	ARSENIC	5.40		0.48	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237007		QT1373.0	6/1/96	0000023959	5/31/96
SC-03106-S	CHROMIUM	14.80		0.55	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237007		QT1373.0	6/1/96	0000023959	5/31/96
SC-03106-S	LEAD	10.50		0.14	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237007		QT1373.0	6/1/96	0000023959	5/31/96
SC-03106-S	RADIUM-226	1.33	0.13	0.46	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2340		WP0078.0	7/5/96	0000023959	5/31/96
SC-03106-S	RADIUM-228	1.26	0.17	0.27	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2340		WP0078.0	7/5/96	0000023959	5/31/96
SC-03106-S	THORIUM-230	7.15	1.60	0.14	PCI/G	A		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11237007		QT1373.0	6/3/96	0000023959	5/31/96
SC-03106-S	URANIUM-238	ND		4.15	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2340		WP0078.0	7/5/96	0000023959	5/31/96
SC-03106-S-RS	THORIUM-230	0.96	0.11	0.03	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7348-3		LK0421.0	6/30/96	0000028347	6/28/96
SC-03107-C	AROCLOR-1248	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237008	U	QT1373.0	6/2/96	0000023969	5/31/96
SC-03107-C	AROCLOR-1254	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237008	U	QT1373.0	6/2/96	0000023969	5/31/96
SC-03107-C	AROCLOR-1260	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237008	U	QT1373.0	6/2/96	0000023969	5/31/96
SC-03107-C	ARSENIC	4.90		0.49	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237008		QT1373.0	6/1/96	0000023969	5/31/96
SC-03107-C	CHROMIUM	13.50		0.57	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237008		QT1373.0	6/1/96	0000023969	5/31/96
SC-03107-C	LEAD	7.30		0.15	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237008		QT1373.0	6/1/96	0000023969	5/31/96
SC-03107-C	RADIUM-226	1.63	0.11	0.26	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2341		WP0078.0	7/5/96	0000023969	5/31/96
SC-03107-C	RADIUM-228	1.20	0.15	0.60	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2341		WP0078.0	7/5/96	0000023969	5/31/96
SC-03107-C	THORIUM-230	1.30	0.40	0.13	PCI/G	A		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11237008		QT1373.0	6/3/96	0000023969	5/31/96
SC-03107-C	URANIUM-238	9.91	1.37	3.25	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2341		WP0078.0	7/5/96	0000023969	5/31/96
SC-03107-S	AROCLOR-1248	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237009	U	QT1373.0	6/2/96	0000023960	5/31/96
SC-03107-S	AROCLOR-1254	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237009	U	QT1373.0	6/2/96	0000023960	5/31/96
SC-03107-S	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237009	U	QT1373.0	6/2/96	0000023960	5/31/96
SC-03107-S	ARSENIC	4.20		0.48	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237009		QT1373.0	6/1/96	0000023960	5/31/96
SC-03107-S	CHROMIUM	14.40		0.55	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237009		QT1373.0	6/1/96	0000023960	5/31/96
SC-03107-S	LEAD	6.30		0.14	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237009		QT1373.0	6/1/96	0000023960	5/31/96
SC-03107-S	RADIUM-226	1.31	0.13	0.33	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2342		WP0078.0	7/5/96	0000023960	5/31/96
SC-03107-S	RADIUM-228	1.93	0.19	0.75	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2342		WP0078.0	7/5/96	0000023960	5/31/96
SC-03107-S	THORIUM-230	1.08	0.34	0.10	PCI/G	A		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11237009		QT1373.0	6/3/96	0000023960	5/31/96
SC-03107-S	URANIUM-238	ND		4.93	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2342		WP0078.0	7/5/96	0000023960	5/31/96
SC-03109-S	AROCLOR-1248	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237010	U	QT1373.0	6/2/96	0000023961	5/31/96
SC-03109-S	AROCLOR-1254	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237010	U	QT1373.0	6/2/96	0000023961	5/31/96
SC-03109-S	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237010	U	QT1373.0	6/2/96	0000023961	5/31/96
SC-03109-S	ARSENIC	5.20		0.48	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237010		QT1373.0	6/1/96	0000023961	5/31/96
SC-03109-S	CHROMIUM	11.70		0.55	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237010		QT1373.0	6/1/96	0000023961	5/31/96
SC-03109-S	LEAD	8.80		0.14	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237010		QT1373.0	6/1/96	0000023961	5/31/96
SC-03109-S	RADIUM-226	1.36	0.10	0.30	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2343		WP0078.0	7/5/96	0000023961	5/31/96
SC-03109-S	RADIUM-228	1.67	0.15	0.51	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2343		WP0078.0	7/5/96	0000023961	5/31/96
SC-03109-S	THORIUM-230	1.06	0.33	0.14	PCI/G	A		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11237010		QT1373.0	6/3/96	0000023961	5/31/96
SC-03109-S	URANIUM-238	ND		3.11	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2343		WP0078.0	7/5/96	0000023961	5/31/96
SC-03110-S	AROCLOR-1248	ND		37.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237011	U	QT1373.0	6/2/96	0000023962	5/31/96
SC-03110-S	AROCLOR-1254	ND		37.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237011	U	QT1373.0	6/2/96	0000023962	5/31/96
SC-03110-S	AROCLOR-1260	ND		37.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237011	U	QT1373.0	6/2/96	0000023962	5/31/96
SC-03110-S	ARSENIC	2.90		0.45	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237011		QT1373.0	6/1/96	0000023962	5/31/96
SC-03110-S	CHROMIUM	9.80		0.52	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237011		QT1373.0	6/1/96	0000023962	5/31/96
SC-03110-S	LEAD	5.40		0.14	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237011		QT1373.0	6/1/96	0000023962	5/31/96
SC-03110-S	RADIUM-226	1.60	0.13	0.31	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2344		WP0078.0	7/5/96	0000023962	5/31/96
SC-03110-S	RADIUM-228	1.41	0.19	0.44	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2344		WP0078.0	7/5/96	0000023962	5/31/96
SC-03110-S	THORIUM-230	1.29	0.39	0.11	PCI/G	A		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11237011		QT1373.0	6/3/96	0000023962	5/31/96
SC-03110-S	URANIUM-238	ND		4.99	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2344		WP0078.0	7/5/96	0000023962	5/31/96
SC-03111-S	AROCLOR-1248	ND		44.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237012	U	QT1373.0	6/2/96	0000023963	5/31/96
SC-03111-S	AROCLOR-1254	ND		44.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237012	U	QT1373.0	6/2/96	0000023963	5/31/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-03111-S	AROCLOR-1260	ND		44.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237012	U	QT1373.0	6/2/96	0000023963	5/31/96
SC-03111-S	ARSENIC	8.80		0.54	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237012		QT1373.0	6/1/96	0000023963	5/31/96
SC-03111-S	CHROMIUM	13.10		0.62	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237012		QT1373.0	6/1/96	0000023963	5/31/96
SC-03111-S	LEAD	10.20		0.16	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237012		QT1373.0	6/1/96	0000023963	5/31/96
SC-03111-S	RADIUM-226	1.22	0.10	0.32	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2345		WP0078.0	7/5/96	0000023963	5/31/96
SC-03111-S	RADIUM-228	1.42	0.15	0.54	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2345		WP0078.0	7/5/96	0000023963	5/31/96
SC-03111-S	THORIUM-230	0.95	0.32	0.13	PCI/G	A		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11237012		QT1373.0	6/3/96	0000023963	5/31/96
SC-03111-S	URANIUM-238	5.63	1.01	3.30	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2345		WP0078.0	7/5/96	0000023963	5/31/96
SC-03112-S	AROCLOR-1248	ND		43.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237013	U	QT1373.0	6/2/96	0000023964	5/31/96
SC-03112-S	AROCLOR-1254	ND		43.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237013	U	QT1373.0	6/2/96	0000023964	5/31/96
SC-03112-S	AROCLOR-1260	ND		43.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237013	U	QT1373.0	6/2/96	0000023964	5/31/96
SC-03112-S	ARSENIC	3.00		0.52	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237013		QT1373.0	6/1/96	0000023964	5/31/96
SC-03112-S	CHROMIUM	9.50		0.60	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237013		QT1373.0	6/1/96	0000023964	5/31/96
SC-03112-S	LEAD	10.90		0.16	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237013		QT1373.0	6/1/96	0000023964	5/31/96
SC-03112-S	RADIUM-226	1.05	0.12	0.37	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2346		WP0078.0	7/5/96	0000023964	5/31/96
SC-03112-S	RADIUM-228	1.68	0.21	0.48	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2346		WP0078.0	7/5/96	0000023964	5/31/96
SC-03112-S	THORIUM-230	0.56	0.20	0.17	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11237013		QT1373.0	6/3/96	0000023964	5/31/96
SC-03112-S	URANIUM-238	ND		3.95	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2346		WP0078.0	7/5/96	0000023964	5/31/96
SC-03113-C	AROCLOR-1248	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237014	U	QT1373.0	6/2/96	0000023970	5/31/96
SC-03113-C	AROCLOR-1254	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237014	U	QT1373.0	6/2/96	0000023970	5/31/96
SC-03113-C	AROCLOR-1260	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237014	U	QT1373.0	6/2/96	0000023970	5/31/96
SC-03113-C	ARSENIC	5.20		0.47	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237014		QT1373.0	6/1/96	0000023970	5/31/96
SC-03113-C	CHROMIUM	15.50		0.54	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237014		QT1373.0	6/1/96	0000023970	5/31/96
SC-03113-C	LEAD	16.80		0.14	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237014		QT1373.0	6/1/96	0000023970	5/31/96
SC-03113-C	RADIUM-226	1.25	0.10	0.29	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2347		WP0078.0	7/5/96	0000023970	5/31/96
SC-03113-C	RADIUM-228	1.42	0.15	0.45	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2347		WP0078.0	7/5/96	0000023970	5/31/96
SC-03113-C	THORIUM-230	1.38	0.37	0.13	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11237014		QT1373.0	6/3/96	0000023970	5/31/96
SC-03113-C	URANIUM-238	6.41	1.23	4.09	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2347		WP0078.0	7/5/96	0000023970	5/31/96
SC-03113-S	AROCLOR-1248	ND		38.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237015	U	QT1373.0	6/2/96	0000023965	5/31/96
SC-03113-S	AROCLOR-1254	ND		38.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237015	U	QT1373.0	6/2/96	0000023965	5/31/96
SC-03113-S	AROCLOR-1260	ND		38.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237015	U	QT1373.0	6/2/96	0000023965	5/31/96
SC-03113-S	ARSENIC	6.40		0.46	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237015		QT1373.0	6/1/96	0000023965	5/31/96
SC-03113-S	CHROMIUM	16.20		0.53	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237015		QT1373.0	6/1/96	0000023965	5/31/96
SC-03113-S	LEAD	8.80		0.14	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237015		QT1373.0	6/1/96	0000023965	5/31/96
SC-03113-S	RADIUM-226	1.55	0.13	0.30	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2348		WP0078.0	7/5/96	0000023965	5/31/96
SC-03113-S	RADIUM-228	1.28	0.18	0.66	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2348		WP0078.0	7/5/96	0000023965	5/31/96
SC-03113-S	THORIUM-230	1.01	0.30	0.06	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11237015		QT1373.0	6/3/96	0000023965	5/31/96
SC-03113-S	URANIUM-238	ND		4.22	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2348		WP0078.0	7/5/96	0000023965	5/31/96
SC-03114-S	URANIUM-238	6.54	1.03	2.64	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2349		WP0078.0	7/5/96	0000023966	5/31/96
SC-03116-S	URANIUM-238	ND		3.91	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2350		WP0078.0	7/5/96	0000023967	5/31/96
SC-03117-S	AROCLOR-1248	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237016	U	QT1373.0	6/2/96	0000023971	5/31/96
SC-03117-S	AROCLOR-1254	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237016	U	QT1373.0	6/2/96	0000023971	5/31/96
SC-03117-S	AROCLOR-1260	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237016	U	QT1373.0	6/2/96	0000023971	5/31/96
SC-03117-S	ARSENIC	6.20		0.47	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237016		QT1373.0	6/1/96	0000023971	5/31/96
SC-03117-S	CHROMIUM	13.20		0.54	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237016		QT1373.0	6/1/96	0000023971	5/31/96
SC-03117-S	LEAD	26.10		0.14	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237016		QT1373.0	6/1/96	0000023971	5/31/96
SC-03117-S	RADIUM-226	1.30	0.12	0.43	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2351		WP0078.0	7/5/96	0000023971	5/31/96
SC-03117-S	RADIUM-228	1.50	0.17	0.49	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2351		WP0078.0	7/5/96	0000023971	5/31/96
SC-03117-S	THORIUM-230	0.85	0.25	0.05	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11237016		QT1373.0	6/3/96	0000023971	5/31/96
SC-03117-S	URANIUM-238	ND		3.77	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2351		WP0078.0	7/5/96	0000023971	5/31/96
SC-03118-C	AROCLOR-1248	ND		96.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237017	U	QT1373.0	6/2/96	0000023972	5/31/96
SC-03118-C	AROCLOR-1254	56.00		38.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237017		QT1373.0	6/2/96	0000023972	5/31/96
SC-03118-C	AROCLOR-1260	ND		38.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237017	U	QT1373.0	6/2/96	0000023972	5/31/96
SC-03118-C	ARSENIC	8.70		0.43	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237017		QT1373.0	6/1/96	0000023972	5/31/96
SC-03118-C	CHROMIUM	16.80		0.49	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237017		QT1373.0	6/1/96	0000023972	5/31/96
SC-03118-C	LEAD	22.50		0.13	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237017		QT1373.0	6/1/96	0000023972	5/31/96
SC-03118-C	RADIUM-226	1.54	0.11	0.30	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2352		WP0078.0	7/5/96	0000023972	5/31/96
SC-03118-C	RADIUM-228	1.56	0.14	0.39	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2352		WP0078.0	7/5/96	0000023972	5/31/96
SC-03118-C	THORIUM-230	1.47	0.40	0.14	PCI/G	A		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11237017		QT1373.0	6/3/96	0000023972	5/31/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-03116-C	URANIUM-238	ND		3.38	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2352		WP0078.0	7/5/96	0000023972	5/31/96
SC-03202-S	URANIUM-238	6.62	1.35	3.76	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2361		WP0079.0	7/8/96	0000023973	5/31/96
SC-03203-S	AROCLOR-1248	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11243001	U	QT1374.0	6/5/96	0000023976	5/31/96
SC-03203-S	AROCLOR-1254	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11243001	U	QT1374.0	6/5/96	0000023976	5/31/96
SC-03203-S	AROCLOR-1260	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11243001	U	QT1374.0	6/5/96	0000023976	5/31/96
SC-03203-S	ARSENIC	5.20		0.47	UG/G	*		EPA CLP	SOIL	METALS	1.00	11243001		QT1374.0	6/4/96	0000023976	5/31/96
SC-03203-S	CHROMIUM	11.50		0.53	UG/G	*		EPA CLP	SOIL	METALS	1.00	11243001		QT1374.0	6/4/96	0000023976	5/31/96
SC-03203-S	LEAD	7.70		0.14	UG/G	*		EPA CLP	SOIL	METALS	1.00	11243001		QT1374.0	6/4/96	0000023976	5/31/96
SC-03203-S	RADIUM-226	1.11	0.11	0.30	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2362		WP0079.0	7/8/96	0000023976	5/31/96
SC-03203-S	RADIUM-228	1.88	0.19	0.25	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2362		WP0079.0	7/8/96	0000023976	5/31/96
SC-03203-S	THORIUM-230	0.76	0.28	0.15	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11243001		QT1374.0	6/5/96	0000023976	5/31/96
SC-03203-S	URANIUM-238	ND		4.22	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2362		WP0079.0	7/8/96	0000023976	5/31/96
SC-03204-S	AROCLOR-1248	ND		37.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11243002	U	QT1374.0	6/5/96	0000023977	5/31/96
SC-03204-S	AROCLOR-1254	ND		37.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11243002	U	QT1374.0	6/5/96	0000023977	5/31/96
SC-03204-S	AROCLOR-1260	ND		37.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11243002	U	QT1374.0	6/5/96	0000023977	5/31/96
SC-03204-S	ARSENIC	6.30		0.45	UG/G	*		EPA CLP	SOIL	METALS	1.00	11243002		QT1374.0	6/4/96	0000023977	5/31/96
SC-03204-S	CHROMIUM	10.80		0.52	UG/G	*		EPA CLP	SOIL	METALS	1.00	11243002		QT1374.0	6/4/96	0000023977	5/31/96
SC-03204-S	LEAD	9.10		0.13	UG/G	*		EPA CLP	SOIL	METALS	1.00	11243002		QT1374.0	6/4/96	0000023977	5/31/96
SC-03204-S	RADIUM-226	1.12	0.09	0.27	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2363		WP0079.0	7/8/96	0000023977	5/31/96
SC-03204-S	RADIUM-228	1.40	0.13	0.38	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2363		WP0079.0	7/8/96	0000023977	5/31/96
SC-03204-S	THORIUM-230	0.29	0.15	0.11	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11243002		QT1374.0	6/5/96	0000023977	5/31/96
SC-03204-S	URANIUM-238	ND		3.06	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2363		WP0079.0	7/8/96	0000023977	5/31/96
SC-03205-C	AROCLOR-1248	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11243003	U	QT1374.0	6/5/96	0000023992	5/31/96
SC-03205-C	AROCLOR-1254	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11243003	U	QT1374.0	6/5/96	0000023992	5/31/96
SC-03205-C	AROCLOR-1260	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11243003	U	QT1374.0	6/5/96	0000023992	5/31/96
SC-03205-C	ARSENIC	9.80		0.47	UG/G	*		EPA CLP	SOIL	METALS	1.00	11243003		QT1374.0	6/4/96	0000023992	5/31/96
SC-03205-C	CHROMIUM	12.10		0.54	UG/G	*		EPA CLP	SOIL	METALS	1.00	11243003		QT1374.0	6/4/96	0000023992	5/31/96
SC-03205-C	LEAD	40.70		0.14	UG/G	*		EPA CLP	SOIL	METALS	1.00	11243003		QT1374.0	6/4/96	0000023992	5/31/96
SC-03205-C	RADIUM-226	1.28	0.12	0.29	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2364		WP0079.0	7/8/96	0000023992	5/31/96
SC-03205-C	RADIUM-228	1.53	0.16	0.52	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2364		WP0079.0	7/8/96	0000023992	5/31/96
SC-03205-C	THORIUM-230	0.42	0.19	0.09	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11243003		QT1374.0	6/5/96	0000023992	5/31/96
SC-03205-S	AROCLOR-1248	ND		38.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11243005	U	QT1374.0	6/5/96	0000023978	5/31/96
SC-03205-S	AROCLOR-1254	ND		38.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11243005	U	QT1374.0	6/5/96	0000023978	5/31/96
SC-03205-S	AROCLOR-1260	ND		38.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11243005	U	QT1374.0	6/5/96	0000023978	5/31/96
SC-03205-S	ARSENIC	5.60		0.47	UG/G	*		EPA CLP	SOIL	METALS	1.00	11243005		QT1374.0	6/4/96	0000023978	5/31/96
SC-03205-S	CHROMIUM	11.80		0.54	UG/G	*		EPA CLP	SOIL	METALS	1.00	11243005		QT1374.0	6/4/96	0000023978	5/31/96
SC-03205-S	LEAD	17.50		0.14	UG/G	*		EPA CLP	SOIL	METALS	1.00	11243005		QT1374.0	6/4/96	0000023978	5/31/96
SC-03205-S	RADIUM-226	1.12	0.09	0.31	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2366		WP0079.0	7/8/96	0000023978	5/31/96
SC-03205-S	RADIUM-228	1.39	0.13	0.41	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2366		WP0079.0	7/8/96	0000023978	5/31/96
SC-03205-S	THORIUM-230	0.58	0.25	0.23	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11243005		QT1374.0	6/5/96	0000023978	5/31/96
SC-03205-S	URANIUM-238	ND		3.51	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2366		WP0079.0	7/8/96	0000023978	5/31/96
SC-03206-S	AROCLOR-1248	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11243006	U	QT1374.0	6/5/96	0000023979	5/31/96
SC-03206-S	AROCLOR-1254	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11243006	U	QT1374.0	6/5/96	0000023979	5/31/96
SC-03206-S	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11243006	U	QT1374.0	6/5/96	0000023979	5/31/96
SC-03206-S	ARSENIC	4.20		0.48	UG/G	*		EPA CLP	SOIL	METALS	1.00	11243006		QT1374.0	6/4/96	0000023979	5/31/96
SC-03206-S	CHROMIUM	15.80		0.56	UG/G	*		EPA CLP	SOIL	METALS	1.00	11243006		QT1374.0	6/4/96	0000023979	5/31/96
SC-03206-S	LEAD	5.90		0.15	UG/G	*		EPA CLP	SOIL	METALS	1.00	11243006		QT1374.0	6/4/96	0000023979	5/31/96
SC-03206-S	RADIUM-226	1.65	0.13	0.34	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2367		WP0079.0	7/8/96	0000023979	5/31/96
SC-03206-S	RADIUM-228	1.17	0.16	0.64	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2367		WP0079.0	7/8/96	0000023979	5/31/96
SC-03206-S	THORIUM-230	0.66	0.26	0.14	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11243006		QT1374.0	6/5/96	0000023979	5/31/96
SC-03206-S	URANIUM-238	ND		4.26	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2367		WP0079.0	7/8/96	0000023979	5/31/96
SC-03207-S	URANIUM-238	10.20	1.35	2.64	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2353		WP0079.0	7/5/96	0000023974	5/31/96
SC-03209-S	URANIUM-238	ND		3.10	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2356		WP0079.0	7/8/96	0000023975	5/31/96
SC-03210-S	AROCLOR-1248	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11243007	U	QT1374.0	6/5/96	0000023980	5/31/96
SC-03210-S	AROCLOR-1254	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11243007	U	QT1374.0	6/5/96	0000023980	5/31/96
SC-03210-S	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11243007	U	QT1374.0	6/5/96	0000023980	5/31/96
SC-03210-S	ARSENIC	5.10		0.49	UG/G	*		EPA CLP	SOIL	METALS	1.00	11243007		QT1374.0	6/4/96	0000023980	5/31/96
SC-03210-S	CHROMIUM	13.20		0.56	UG/G	*		EPA CLP	SOIL	METALS	1.00	11243007		QT1374.0	6/4/96	0000023980	5/31/96
SC-03210-S	LEAD	7.40		0.15	UG/G	*		EPA CLP	SOIL	METALS	1.00	11243007		QT1374.0	6/4/96	0000023980	5/31/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-03210-S	RADIUM-226	0.92	0.12	0.35	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2369		WP0078.0	7/8/96	0000023980	5/31/96
SC-03210-S	RADIUM-228	1.80	0.20	0.56	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2369		WP0078.0	7/8/96	0000023980	5/31/96
SC-03210-S	THORIUM-230	4.44	1.22	0.20	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11243007		QT1374.0	6/5/96	0000023980	5/31/96
SC-03210-S	URANIUM-238	ND		4.77	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2369		WP0078.0	7/8/96	0000023980	5/31/96
SC-03211-S	AROCLOR-1248	ND		41.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11243008	U	QT1374.0	6/5/96	0000023981	5/31/96
SC-03211-S	AROCLOR-1254	ND		41.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11243008	U	QT1374.0	6/5/96	0000023981	5/31/96
SC-03211-S	AROCLOR-1260	ND		41.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11243008	U	QT1374.0	6/5/96	0000023981	5/31/96
SC-03211-S	ARSENIC	6.10		0.49	UG/G	=		EPA CLP	SOIL	METALS	1.00	11243008		QT1374.0	6/4/96	0000023981	5/31/96
SC-03211-S	CHROMIUM	9.90		0.57	UG/G	=		EPA CLP	SOIL	METALS	1.00	11243008		QT1374.0	6/4/96	0000023981	5/31/96
SC-03211-S	LEAD	8.40		0.15	UG/G	=		EPA CLP	SOIL	METALS	1.00	11243008		QT1374.0	6/4/96	0000023981	5/31/96
SC-03211-S	RADIUM-226	1.18	0.09	0.24	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2370		WP0079.0	7/8/96	0000023981	5/31/96
SC-03211-S	RADIUM-228	1.47	0.14	0.44	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2370		WP0079.0	7/8/96	0000023981	5/31/96
SC-03211-S	THORIUM-230	0.44	0.19	0.12	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11243008		QT1374.0	6/5/96	0000023981	5/31/96
SC-03211-S	URANIUM-238	ND		3.33	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2370		WP0078.0	7/8/96	0000023981	5/31/96
SC-03212-S	AROCLOR-1248	ND		43.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11243009	U	QT1374.0	6/5/96	0000023982	5/31/96
SC-03212-S	AROCLOR-1254	ND		43.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11243009	U	QT1374.0	6/5/96	0000023982	5/31/96
SC-03212-S	AROCLOR-1260	ND		43.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11243009	U	QT1374.0	6/5/96	0000023982	5/31/96
SC-03212-S	ARSENIC	3.00		0.52	UG/G	=		EPA CLP	SOIL	METALS	1.00	11243009		QT1374.0	6/4/96	0000023982	5/31/96
SC-03212-S	CHROMIUM	9.60		0.60	UG/G	=		EPA CLP	SOIL	METALS	1.00	11243009		QT1374.0	6/4/96	0000023982	5/31/96
SC-03212-S	LEAD	6.40		0.16	UG/G	=		EPA CLP	SOIL	METALS	1.00	11243009		QT1374.0	6/4/96	0000023982	5/31/96
SC-03212-S	RADIUM-226	1.14	0.12	0.30	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2371		WP0079.0	7/11/96	0000023982	5/31/96
SC-03212-S	RADIUM-228	1.49	0.21	0.71	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2371		WP0079.0	7/11/96	0000023982	5/31/96
SC-03212-S	THORIUM-230	0.47	0.22	0.12	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11243009		QT1374.0	6/5/96	0000023982	5/31/96
SC-03212-S	URANIUM-238	ND		4.12	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2371		WP0079.0	7/11/96	0000023982	5/31/96
SC-03213-HSO1	URANIUM-238	7.51	1.45	4.10	PCI/G	=		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2440		WP0084.0	6/12/96		6/7/96
SC-03213-HSO2	URANIUM-238	35.20	3.87	8.06	PCI/G	=		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2441		WP0084.0	6/12/96		6/7/96
SC-03213-HSO3	URANIUM-238	31.90	3.70	3.30	PCI/G	=		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2442		WP0084.0	6/12/96		6/7/96
SC-03213-HSO4	URANIUM-238	4.71	0.86	2.87	PCI/G	=		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2443		WP0084.0	6/12/96		6/7/96
SC-03213-S	AROCLOR-1248	ND		39.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11243010	U	QT1374.0	6/5/96	0000023983	5/31/96
SC-03213-S	AROCLOR-1254	ND		39.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11243010	U	QT1374.0	6/5/96	0000023983	5/31/96
SC-03213-S	AROCLOR-1260	ND		39.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11243010	U	QT1374.0	6/5/96	0000023983	5/31/96
SC-03213-S	ARSENIC	9.80		0.48	UG/G	=		EPA CLP	SOIL	METALS	1.00	11243010		QT1374.0	6/4/96	0000023983	5/31/96
SC-03213-S	CHROMIUM	13.40		0.55	UG/G	=		EPA CLP	SOIL	METALS	1.00	11243010		QT1374.0	6/4/96	0000023983	5/31/96
SC-03213-S	LEAD	16.10		0.14	UG/G	=		EPA CLP	SOIL	METALS	1.00	11243010		QT1374.0	6/4/96	0000023983	5/31/96
SC-03213-S	RADIUM-226	1.35	0.11	0.37	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2372		WP0079.0	7/11/96	0000023983	5/31/96
SC-03213-S	RADIUM-228	1.31	0.16	0.64	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2372		WP0079.0	7/11/96	0000023983	5/31/96
SC-03213-S	THORIUM-230	0.43	0.19	0.14	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11243010		QT1374.0	6/5/96	0000023983	5/31/96
SC-03213-S	URANIUM-238	171.00	1.02	6.79	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2372		WP0079.0	7/11/96	0000023983	5/31/96
SC-03214-S	AROCLOR-1248	ND		44.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11237026	U	QT1373.0	6/2/96	0000023984	5/31/96
SC-03214-S	AROCLOR-1254	66.00		44.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11237026		QT1373.0	6/2/96	0000023984	5/31/96
SC-03214-S	AROCLOR-1260	ND		44.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11237026	U	QT1373.0	6/2/96	0000023984	5/31/96
SC-03214-S	ARSENIC	3.20		0.53	UG/G	=		EPA CLP	SOIL	METALS	1.00	11237028		QT1373.0	6/1/96	0000023984	5/31/96
SC-03214-S	CHROMIUM	10.10		0.61	UG/G	=		EPA CLP	SOIL	METALS	1.00	11237028		QT1373.0	6/1/96	0000023984	5/31/96
SC-03214-S	LEAD	7.10		0.16	UG/G	=		EPA CLP	SOIL	METALS	1.00	11237028		QT1373.0	6/1/96	0000023984	5/31/96
SC-03214-S	RADIUM-226	1.39	0.10	0.29	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2354		WP0078.0	7/5/96	0000023984	5/31/96
SC-03214-S	RADIUM-228	1.28	0.13	0.51	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2354		WP0078.0	7/5/96	0000023984	5/31/96
SC-03214-S	THORIUM-230	0.45	0.22	0.22	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11237028		QT1373.0	6/3/96	0000023984	5/31/96
SC-03214-S	URANIUM-238	7.15	1.06	2.56	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2354		WP0078.0	7/5/96	0000023984	5/31/96
SC-03216-S	AROCLOR-1248	ND		40.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11237029	U	QT1373.0	6/2/96	0000023985	5/31/96
SC-03216-S	AROCLOR-1254	ND		40.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11237029	U	QT1373.0	6/2/96	0000023985	5/31/96
SC-03216-S	AROCLOR-1260	ND		40.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11237029	U	QT1373.0	6/2/96	0000023985	5/31/96
SC-03216-S	ARSENIC	3.80		0.48	UG/G	=		EPA CLP	SOIL	METALS	1.00	11237029		QT1373.0	6/1/96	0000023985	5/31/96
SC-03216-S	CHROMIUM	15.60		0.56	UG/G	=		EPA CLP	SOIL	METALS	1.00	11237029		QT1373.0	6/1/96	0000023985	5/31/96
SC-03216-S	LEAD	6.30		0.15	UG/G	=		EPA CLP	SOIL	METALS	1.00	11237029		QT1373.0	6/1/96	0000023985	5/31/96
SC-03216-S	RADIUM-226	1.46	0.13	0.37	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2355		WP0078.0	7/5/96	0000023985	5/31/96
SC-03216-S	RADIUM-228	ND		1.33	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2355		WP0078.0	7/5/96	0000023985	5/31/96
SC-03216-S	THORIUM-230	0.84	0.26	0.13	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11237029		QT1373.0	6/3/96	0000023985	5/31/96
SC-03216-S	URANIUM-238	ND		4.19	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2355		WP0078.0	7/5/96	0000023985	5/31/96
SC-03217-S	AROCLOR-1248	ND		43.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11237030	U	QT1373.0	6/1/96	0000023988	5/31/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB RECD	DATE ANA	SAMPLINK	DATE SAMPLED
SC-03217-S	AROCLOR-1254	ND		43.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237030	U	QT1373.0	6/1/96	0000023986	5/31/96
SC-03217-S	AROCLOR-1260	ND		43.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237030	U	QT1373.0	6/1/96	0000023986	5/31/96
SC-03217-S	ARSENIC	6.00		0.52	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237030		QT1373.0	6/1/96	0000023986	5/31/96
SC-03217-S	CHROMIUM	11.00		0.59	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237030		QT1373.0	6/1/96	0000023986	5/31/96
SC-03217-S	LEAD	7.80		0.15	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237030		QT1373.0	6/1/96	0000023986	5/31/96
SC-03217-S	RADIUM-226	1.14	0.10	0.27	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2356		WP0078.0	7/5/96	0000023986	5/31/96
SC-03217-S	RADIUM-228	1.35	0.13	0.45	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2356		WP0078.0	7/5/96	0000023986	5/31/96
SC-03217-S	THORIUM-230	0.88	0.23	0.09	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11237030		QT1373.0	6/3/96	0000023986	5/31/96
SC-03217-S	URANIUM-238	1.78	0.62	2.33	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2356		WP0078.0	7/5/96	0000023986	5/31/96
SC-03218-S	AROCLOR-1248	ND		44.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237018	U	QT1373.0	6/2/96	0000023987	5/31/96
SC-03218-S	AROCLOR-1254	ND		44.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237018	U	QT1373.0	6/2/96	0000023987	5/31/96
SC-03218-S	AROCLOR-1260	ND		44.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237018	U	QT1373.0	6/2/96	0000023987	5/31/96
SC-03218-S	ARSENIC	6.00		0.53	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237018		QT1373.0	6/1/96	0000023987	5/31/96
SC-03218-S	CHROMIUM	12.60		0.61	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237018		QT1373.0	6/1/96	0000023987	5/31/96
SC-03218-S	LEAD	12.30		0.16	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237018		QT1373.0	6/1/96	0000023987	5/31/96
SC-03218-S	RADIUM-226	1.20	0.13	0.47	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2357		WP0078.0	7/5/96	0000023987	5/31/96
SC-03218-S	RADIUM-228	1.13	0.19	0.63	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2357		WP0078.0	7/5/96	0000023987	5/31/96
SC-03218-S	THORIUM-230	0.89	0.27	0.11	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11237018		QT1373.0	6/3/96	0000023987	5/31/96
SC-03218-S	URANIUM-238	ND		4.14	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2357		WP0078.0	7/5/96	0000023987	5/31/96
SC-03219-S	AROCLOR-1248	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237019	U	QT1373.0	6/2/96	0000023988	5/31/96
SC-03219-S	AROCLOR-1254	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237019	U	QT1373.0	6/2/96	0000023988	5/31/96
SC-03219-S	AROCLOR-1260	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237019	U	QT1373.0	6/2/96	0000023988	5/31/96
SC-03219-S	ARSENIC	3.30		0.49	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237019		QT1373.0	6/1/96	0000023988	5/31/96
SC-03219-S	CHROMIUM	11.30		0.57	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237019		QT1373.0	6/1/96	0000023988	5/31/96
SC-03219-S	LEAD	8.90		0.15	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237019		QT1373.0	6/1/96	0000023988	5/31/96
SC-03219-S	RADIUM-226	1.35	0.10	0.28	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2358		WP0078.0	7/5/96	0000023988	5/31/96
SC-03219-S	RADIUM-228	1.14	0.13	0.46	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2358		WP0078.0	7/5/96	0000023988	5/31/96
SC-03219-S	THORIUM-230	0.66	0.24	0.21	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11237019		QT1373.0	6/3/96	0000023988	5/31/96
SC-03219-S	URANIUM-238	ND		3.34	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2358		WP0078.0	7/5/96	0000023988	5/31/96
SC-03220-S	AROCLOR-1248	ND		35.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237020	U	QT1373.0	6/2/96	0000023989	5/31/96
SC-03220-S	AROCLOR-1254	ND		35.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237020	U	QT1373.0	6/2/96	0000023989	5/31/96
SC-03220-S	AROCLOR-1260	ND		35.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237020	U	QT1373.0	6/2/96	0000023989	5/31/96
SC-03220-S	ARSENIC	6.40		0.42	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237020		QT1373.0	6/1/96	0000023989	5/31/96
SC-03220-S	CHROMIUM	20.80		0.48	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237020		QT1373.0	6/1/96	0000023989	5/31/96
SC-03220-S	LEAD	10.50		0.13	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237020		QT1373.0	6/1/96	0000023989	5/31/96
SC-03220-S	RADIUM-226	1.61	0.13	0.33	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2359		WP0078.0	7/5/96	0000023989	5/31/96
SC-03220-S	RADIUM-228	1.49	0.18	0.48	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2358		WP0078.0	7/5/96	0000023989	5/31/96
SC-03220-S	THORIUM-230	1.72	0.43	0.17	PCI/G	A		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11237020		QT1373.0	6/3/96	0000023989	5/31/96
SC-03220-S	URANIUM-238	12.50	2.02	4.93	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2359		WP0078.0	7/5/96	0000023989	5/31/96
SC-03221-C	AROCLOR-1248	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11243011	U	QT1374.0	6/6/96	0000023991	5/31/96
SC-03221-C	AROCLOR-1254	290.00		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11243011		QT1374.0	6/6/96	0000023991	5/31/96
SC-03221-C	AROCLOR-1260	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11243011	U	QT1374.0	6/6/96	0000023991	5/31/96
SC-03221-C	ARSENIC	10.20		0.47	UG/G	*		EPA CLP	SOIL	METALS	1.00	11243011		QT1374.0	6/4/96	0000023991	5/31/96
SC-03221-C	CHROMIUM	12.50		0.54	UG/G	*		EPA CLP	SOIL	METALS	1.00	11243011		QT1374.0	6/4/96	0000023991	5/31/96
SC-03221-C	LEAD	13.90		0.14	UG/G	*		EPA CLP	SOIL	METALS	1.00	11243011		QT1374.0	6/4/96	0000023991	5/31/96
SC-03221-C	RADIUM-226	1.89	0.11	0.29	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2373		WP0079.0	7/11/96	0000023991	5/31/96
SC-03221-C	RADIUM-228	1.45	0.14	0.44	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2373		WP0079.0	7/11/96	0000023991	5/31/96
SC-03221-C	THORIUM-230	23.10	5.00	0.16	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11243011		QT1374.0	6/5/96	0000023991	5/31/96
SC-03221-HS01	THORIUM-230	1.87	0.51	0.11	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11365005		QT1391.0	6/17/96	0000028027	6/13/96
SC-03221-HS02	THORIUM-230	0.94	0.27	0.12	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11365006		QT1391.0	6/17/96	0000028028	6/13/96
SC-03221-HS03	THORIUM-230	3.50	0.78	0.08	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11365007		QT1391.0	6/17/96	0000028030	6/13/96
SC-03221-HS04	THORIUM-230	1.04	0.30	0.10	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11365008		QT1391.0	6/17/96	0000028031	6/13/96
SC-03221-S	AROCLOR-1248	ND		46.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237021	U	QT1373.0	6/2/96	0000023990	5/31/96
SC-03221-S	AROCLOR-1254	ND		46.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237021	U	QT1373.0	6/2/96	0000023990	5/31/96
SC-03221-S	AROCLOR-1260	ND		46.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11237021	U	QT1373.0	6/2/96	0000023990	5/31/96
SC-03221-S	ARSENIC	7.20		0.56	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237021		QT1373.0	6/1/96	0000023990	5/31/96
SC-03221-S	CHROMIUM	17.40		0.67	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237021		QT1373.0	6/1/96	0000023990	5/31/96
SC-03221-S	LEAD	12.80		0.18	UG/G	*		EPA CLP	SOIL	METALS	1.00	11237021		QT1373.0	6/1/96	0000023990	5/31/96
SC-03221-S	RADIUM-226	1.42	0.10	0.35	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2360		WP0078.0	7/5/96	0000023990	5/31/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-03221-S	RADIUM-226	1.23	0.14	0.47	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2360		WP0078.0	7/5/96	0000023990	5/31/96
SC-03221-S	THORIUM-230	2.26	0.56	0.17	PCI/G	A		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11237021		QT1373.0	6/3/96	0000023990	5/31/96
SC-03221-S	URANIUM-238	12.90	1.61	3.84	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2360		WP0078.0	7/5/96	0000023990	5/31/96
SC-03302-S	URANIUM-238	ND		4.00	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2484		WP0096.0	7/15/96	0000024010	6/12/96
SC-03303-C	AROCLOR-1248	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11340001	U	QT1389.0	6/13/96	0000024011	6/12/96
SC-03303-C	AROCLOR-1254	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11340001	U	QT1389.0	6/13/96	0000024011	6/12/96
SC-03303-C	AROCLOR-1260	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11340001	U	QT1389.0	6/13/96	0000024011	6/12/96
SC-03303-C	ARSENIC	5.30		0.51	UG/G	*		EPA CLP	SOIL	METALS	1.00	11340001		QT1389.0	6/13/96	0000024011	6/12/96
SC-03303-C	CHROMIUM	16.00		0.59	UG/G	*		EPA CLP	SOIL	METALS	1.00	11340001		QT1389.0	6/13/96	0000024011	6/12/96
SC-03303-C	LEAD	7.80		0.15	UG/G	*		EPA CLP	SOIL	METALS	1.00	11340001		QT1389.0	6/13/96	0000024011	6/12/96
SC-03303-C	RADIUM-226	0.85	0.06	0.30	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2485		WP0086.0	7/15/96	0000024011	6/12/96
SC 03303-C	RADIUM-226	1.38	0.13	0.39	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2485		WP0086.0	7/15/96	0000024011	6/12/96
SC-03303-C	THORIUM-230	1.68	0.51	0.14	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11340001		QT1389.0	6/14/96	0000024011	6/12/96
SC-03303-S	AROCLOR-1248	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11340002	U	QT1389.0	6/13/96	0000023993	6/12/96
SC-03303-S	AROCLOR-1254	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11340002	U	QT1389.0	6/13/96	0000023993	6/12/96
SC-03303-S	AROCLOR-1260	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11340002	U	QT1389.0	6/13/96	0000023993	6/12/96
SC-03303-S	ARSENIC	8.20		0.51	UG/G	*		EPA CLP	SOIL	METALS	1.00	11340002		QT1389.0	6/13/96	0000023993	6/12/96
SC-03303-S	CHROMIUM	12.50		0.59	UG/G	*		EPA CLP	SOIL	METALS	1.00	11340002		QT1389.0	6/13/96	0000023993	6/12/96
SC-03303-S	LEAD	15.80		0.15	UG/G	*		EPA CLP	SOIL	METALS	1.00	11340002		QT1389.0	6/13/96	0000023993	6/12/96
SC-03303-S	RADIUM-226	0.91	0.12	0.39	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2486		WP0086.0	7/15/96	0000023993	6/12/96
SC-03303-S	RADIUM-228	2.18	0.21	0.70	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2486		WP0086.0	7/15/96	0000023993	6/12/96
SC-03303-S	THORIUM-230	1.05	0.38	0.23	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11340002		QT1389.0	6/14/96	0000023993	6/12/96
SC-03303-S	URANIUM-238	ND		5.21	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2486		WP0086.0	7/15/96	0000023993	6/12/96
SC-03304-S	AROCLOR-1248	ND		47.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11340004	U	QT1389.0	6/13/96	0000023994	6/11/96
SC-03304-S	AROCLOR-1254	ND		47.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11340004	U	QT1389.0	6/13/96	0000023994	6/11/96
SC-03304-S	AROCLOR-1260	ND		47.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11340004	U	QT1389.0	6/13/96	0000023994	6/11/96
SC-03304-S	ARSENIC	4.50		0.68	UG/G	*		EPA CLP	SOIL	METALS	1.00	11340004		QT1389.0	6/13/96	0000023994	6/11/96
SC-03304-S	CHROMIUM	11.40		0.66	UG/G	*		EPA CLP	SOIL	METALS	1.00	11340004		QT1389.0	6/13/96	0000023994	6/11/96
SC-03304-S	LEAD	11.00		0.17	UG/G	*		EPA CLP	SOIL	METALS	1.00	11340004		QT1389.0	6/13/96	0000023994	6/11/96
SC-03304-S	RADIUM-226	1.09	0.09	0.32	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2488		WP0086.0	7/15/96	0000023994	6/11/96
SC-03304-S	RADIUM-228	1.26	0.13	0.42	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2488		WP0086.0	7/15/96	0000023994	6/11/96
SC-03304-S	THORIUM-230	0.87	0.24	0.12	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11340004		QT1389.0	6/14/96	0000023994	6/11/96
SC-03304-S	URANIUM-238	ND		3.07	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2486		WP0086.0	7/15/96	0000023994	6/11/96
SC-03305-S	AROCLOR-1248	ND		44.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11340005	U	QT1389.0	6/13/96	0000023995	6/11/96
SC-03305-S	AROCLOR-1254	ND		44.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11340005	U	QT1389.0	6/13/96	0000023995	6/11/96
SC-03305-S	AROCLOR-1260	ND		44.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11340005	U	QT1389.0	6/13/96	0000023995	6/11/96
SC-03305-S	ARSENIC	4.50		0.53	UG/G	*		EPA CLP	SOIL	METALS	1.00	11340005		QT1389.0	6/13/96	0000023995	6/11/96
SC-03305-S	CHROMIUM	14.40		0.62	UG/G	*		EPA CLP	SOIL	METALS	1.00	11340005		QT1389.0	6/13/96	0000023995	6/11/96
SC-03305-S	LEAD	7.90		0.16	UG/G	*		EPA CLP	SOIL	METALS	1.00	11340005		QT1389.0	6/13/96	0000023995	6/11/96
SC-03305-S	RADIUM-226	1.23	0.12	0.33	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2489		WP0088.0	7/15/96	0000023995	6/11/96
SC-03305-S	RADIUM-228	1.88	0.21	0.25	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2489		WP0088.0	7/15/96	0000023995	6/11/96
SC-03305-S	THORIUM-230	1.99	0.53	0.11	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11340005		QT1389.0	6/14/96	0000023995	6/11/96
SC-03305-S	URANIUM-238	ND		3.95	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2489		WP0086.0	7/15/96	0000023995	6/11/96
SC-03306-C	AROCLOR-1248	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11340006	U	QT1389.0	6/13/96	0000024012	6/12/96
SC-03306-C	AROCLOR-1254	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11340006	U	QT1389.0	6/13/96	0000024012	6/12/96
SC-03306-C	AROCLOR-1260	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11340006	U	QT1389.0	6/13/96	0000024012	6/12/96
SC-03306-C	ARSENIC	6.30		0.48	UG/G	*		EPA CLP	SOIL	METALS	1.00	11340006		QT1389.0	6/13/96	0000024012	6/12/96
SC-03306-C	CHROMIUM	12.70		0.55	UG/G	*		EPA CLP	SOIL	METALS	1.00	11340006		QT1389.0	6/13/96	0000024012	6/12/96
SC-03306-C	LEAD	13.10		0.14	UG/G	*		EPA CLP	SOIL	METALS	1.00	11340006		QT1389.0	6/13/96	0000024012	6/12/96
SC-03306-C	RADIUM-226	1.44	0.10	0.30	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2490		WP0086.0	7/15/96	0000024012	6/12/96
SC-03306-C	RADIUM-228	1.45	0.15	0.15	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2490		WP0086.0	7/15/96	0000024012	6/12/96
SC-03306-C	THORIUM-230	1.06	0.33	0.14	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11340006		QT1389.0	6/14/96	0000024012	6/12/96
SC-03306-S	AROCLOR-1248	ND		47.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11340007	U	QT1389.0	6/13/96	0000023996	6/11/96
SC-03306-S	AROCLOR-1254	ND		47.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11340007	U	QT1389.0	6/13/96	0000023996	6/11/96
SC-03306-S	AROCLOR-1260	ND		47.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11340007	U	QT1389.0	6/13/96	0000023996	6/11/96
SC-03306-S	ARSENIC	2.70		0.58	UG/G	*		EPA CLP	SOIL	METALS	1.00	11340007	B	QT1389.0	6/13/96	0000023996	6/11/96
SC-03306-S	CHROMIUM	12.80		0.66	UG/G	*		EPA CLP	SOIL	METALS	1.00	11340007		QT1389.0	6/13/96	0000023996	6/11/96
SC-03306-S	LEAD	7.50		0.17	UG/G	*		EPA CLP	SOIL	METALS	1.00	11340007		QT1389.0	6/13/96	0000023996	6/11/96
SC-03306-S	RADIUM-226	1.16	0.13	0.34	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2491		WP0088.0	7/15/96	0000023996	6/11/96

WSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-03306-S	RADIUM-226	ND		1.40	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2491		WP0086.0	7/15/96	0000023996	6/11/96
SC-03306-S	THORIUM-230	0.72	0.28	0.12	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11340007		QT1389.0	6/14/96	0000023996	6/11/96
SC-03306-S	URANIUM-238	ND		4.19	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2491		WP0086.0	7/15/96	0000023996	6/11/96
SC-03307-S	RADIUM-226	1.35	0.10	0.28	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2492		WP0086.0	7/15/96	0000024007	6/12/96
SC-03307-S	RADIUM-226	1.46	0.16	0.49	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2492		WP0086.0	7/15/96	0000024007	6/12/96
SC-03307-S	URANIUM-238	2.75	0.58	1.93	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2492		WP0086.0	7/15/96	0000024007	6/12/96
SC-03309-S	URANIUM-238	ND		4.27	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2493		WP0086.0	7/15/96	0000024008	6/12/96
SC-03310-S	AROCLOR-1248	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11340008	U	QT1388.0	6/13/96	0000023997	6/12/96
SC-03310-S	AROCLOR-1254	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11340008	U	QT1389.0	6/13/96	0000023997	6/12/96
SC-03310-S	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11340008	U	QT1389.0	6/13/96	0000023997	6/12/96
SC-03310-S	ARSENIC	5.40		0.48	UG/G	*		EPA CLP	SOIL	METALS	1.00	11340008		QT1389.0	6/13/96	0000023997	6/12/96
SC-03310-S	CHROMIUM	11.70		0.55	UG/G	*		EPA CLP	SOIL	METALS	1.00	11340008		QT1389.0	6/13/96	0000023997	6/12/96
SC-03310-S	LEAD	11.10		0.14	UG/G	*		EPA CLP	SOIL	METALS	1.00	11340008		QT1388.0	6/13/96	0000023997	6/12/96
SC-03310-S	RADIUM-226	1.01	0.09	0.23	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2494		WP0086.0	7/15/96	0000023997	6/12/96
SC-03310-S	RADIUM-228	1.46	0.14	0.47	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2494		WP0086.0	7/15/96	0000023997	6/12/96
SC-03310-S	THORIUM-230	0.81	0.29	0.13	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11340008		QT1389.0	6/14/96	0000023997	6/12/96
SC-03310-S	URANIUM-238	ND		3.24	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2494		WP0086.0	7/15/96	0000023997	6/12/96
SC-03311-C	AROCLOR-1248	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11340009	U	QT1389.0	6/13/96	0000024013	6/12/96
SC-03311-C	AROCLOR-1254	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11340009	U	QT1389.0	6/13/96	0000024013	6/12/96
SC-03311-C	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11340009	U	QT1389.0	6/13/96	0000024013	6/12/96
SC-03311-C	ARSENIC	4.30		0.49	UG/G	*		EPA CLP	SOIL	METALS	1.00	11340009		QT1389.0	6/13/96	0000024013	6/12/96
SC-03311-C	CHROMIUM	10.80		0.57	UG/G	*		EPA CLP	SOIL	METALS	1.00	11340009		QT1389.0	6/13/96	0000024013	6/12/96
SC-03311-C	LEAD	9.30		0.15	UG/G	*		EPA CLP	SOIL	METALS	1.00	11340009		QT1388.0	6/13/96	0000024013	6/12/96
SC-03311-C	RADIUM-226	ND		0.74	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2495		WP0086.0	7/15/96	0000024013	6/12/96
SC-03311-C	RADIUM-228	1.64	0.23	0.45	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2495		WP0086.0	7/15/96	0000024013	6/12/96
SC-03311-C	THORIUM-230	1.05	0.34	0.14	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11340009		QT1389.0	6/14/96	0000024013	6/12/96
SC-03311-S	AROCLOR-1248	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11340010	U	QT1388.0	6/13/96	0000023998	6/12/96
SC-03311-S	AROCLOR-1254	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11340010	U	QT1389.0	6/13/96	0000023998	6/12/96
SC-03311-S	AROCLOR-1260	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11340010	U	QT1389.0	6/13/96	0000023998	6/12/96
SC-03311-S	ARSENIC	3.90		0.49	UG/G	*		EPA CLP	SOIL	METALS	1.00	11340010		QT1389.0	6/13/96	0000023998	6/12/96
SC-03311-S	CHROMIUM	8.30		0.56	UG/G	*		EPA CLP	SOIL	METALS	1.00	11340010		QT1389.0	6/13/96	0000023998	6/12/96
SC-03311-S	LEAD	9.40		0.15	UG/G	*		EPA CLP	SOIL	METALS	1.00	11340010		QT1389.0	6/13/96	0000023998	6/12/96
SC-03311-S	RADIUM-226	1.01	0.11	0.37	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2496		WP0086.0	7/15/96	0000023998	6/12/96
SC-03311-S	RADIUM-228	1.21	0.21	0.68	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2496		WP0086.0	7/15/96	0000023998	6/12/96
SC-03311-S	THORIUM-230	1.43	0.39	0.18	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11340010		QT1389.0	6/14/96	0000023998	6/12/96
SC-03311-S	URANIUM-238	ND		4.11	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2496		WP0086.0	7/15/96	0000023998	6/12/96
SC-03312-S	AROCLOR-1248	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11340011	U	QT1389.0	6/13/96	0000023999	6/12/96
SC-03312-S	AROCLOR-1254	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11340011	U	QT1389.0	6/13/96	0000023999	6/12/96
SC-03312-S	AROCLOR-1260	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11340011	U	QT1389.0	6/13/96	0000023999	6/12/96
SC-03312-S	ARSENIC	3.20		0.48	UG/G	*		EPA CLP	SOIL	METALS	1.00	11340011		QT1389.0	6/13/96	0000023999	6/12/96
SC-03312-S	CHROMIUM	8.30		0.55	UG/G	*		EPA CLP	SOIL	METALS	1.00	11340011		QT1389.0	6/13/96	0000023999	6/12/96
SC-03312-S	LEAD	7.10		0.14	UG/G	*		EPA CLP	SOIL	METALS	1.00	11340011		QT1388.0	6/13/96	0000023999	6/12/96
SC-03312-S	RADIUM-226	1.11	0.09	0.29	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2497		WP0086.0	7/15/96	0000023999	6/12/96
SC-03312-S	RADIUM-228	1.49	0.13	0.38	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2497		WP0086.0	7/15/96	0000023999	6/12/96
SC-03312-S	THORIUM-230	1.82	0.42	0.14	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11340011		QT1389.0	6/14/96	0000023999	6/12/96
SC-03312-S	URANIUM-238	ND		3.14	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2497		WP0086.0	7/15/96	0000023999	6/12/96
SC-03313-S	AROCLOR-1248	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11340012	U	QT1389.0	6/13/96	0000024000	6/12/96
SC-03313-S	AROCLOR-1254	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11340012	U	QT1389.0	6/13/96	0000024000	6/12/96
SC-03313-S	AROCLOR-1260	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11340012	U	QT1389.0	6/13/96	0000024000	6/12/96
SC-03313-S	ARSENIC	5.90		0.52	UG/G	*		EPA CLP	SOIL	METALS	1.00	11340012		QT1389.0	6/13/96	0000024000	6/12/96
SC-03313-S	CHROMIUM	15.10		0.60	UG/G	*		EPA CLP	SOIL	METALS	1.00	11340012		QT1389.0	6/13/96	0000024000	6/12/96
SC-03313-S	LEAD	10.60		0.16	UG/G	*		EPA CLP	SOIL	METALS	1.00	11340012		QT1389.0	6/13/96	0000024000	6/12/96
SC-03313-S	RADIUM-226	1.18	0.11	0.31	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2498		WP0086.0	7/15/96	0000024000	6/12/96
SC-03313-S	RADIUM-228	1.67	0.21	0.15	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2498		WP0086.0	7/15/96	0000024000	6/12/96
SC-03313-S	THORIUM-230	3.09	0.71	0.08	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11340012		QT1389.0	6/14/96	0000024000	6/12/96
SC-03313-S	URANIUM-238	ND		4.45	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2498		WP0086.0	7/15/96	0000024000	6/12/96
SC-03314-S	RADIUM-226	1.06	0.09	0.26	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2499		WP0086.0	7/15/96	0000024006	6/11/96
SC-03314-S	RADIUM-228	ND		0.98	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2499		WP0086.0	7/15/96	0000024006	6/11/96
SC-03314-S	URANIUM-238	ND		3.22	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2499		WP0086.0	7/15/96	0000024006	6/11/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-03316-S	URANIUM-238	9.28	1.27	2.59	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2377		WP0080.0	7/8/96	0000024009	6/4/96
SC-03317-C	AROCLOR-1248	ND		48.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11340013	U	QT1389.0	6/14/96	0000024014	6/12/96
SC-03317-C	AROCLOR-1254	ND		48.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11340013	U	QT1389.0	6/14/96	0000024014	6/12/96
SC-03317-C	AROCLOR-1260	ND		48.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11340013	U	QT1389.0	6/14/96	0000024014	6/12/96
SC-03317-C	ARSENIC	7.20		0.60	UG/G	*		EPA CLP	SOIL	METALS	1.00	11340013		QT1389.0	6/13/96	0000024014	6/12/96
SC-03317-C	CHROMIUM	10.00		0.69	UG/G	*		EPA CLP	SOIL	METALS	1.00	11340013		QT1389.0	6/13/96	0000024014	6/12/96
SC-03317-C	LEAD	12.60		0.18	UG/G	*		EPA CLP	SOIL	METALS	1.00	11340013		QT1389.0	6/13/96	0000024014	6/12/96
SC-03317-C	RADIUM-226	1.23	0.12	0.40	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2500		WP0086.0	7/15/96	0000024014	6/12/96
SC-03317-C	RADIUM-228	1.20	0.17	0.44	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2500		WP0086.0	7/15/96	0000024014	6/12/96
SC-03317-C	THORIUM-230	1.13	0.32	0.14	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11340013		QT1389.0	6/14/96	0000024014	6/12/96
SC-03317-S	AROCLOR-1248	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11262001	U	QT1378.0	6/6/96	0000024001	6/4/96
SC-03317-S	AROCLOR-1254	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11262001	U	QT1378.0	6/6/96	0000024001	6/4/96
SC-03317-S	AROCLOR-1260	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11262001	U	QT1378.0	6/6/96	0000024001	6/4/96
SC-03317-S	ARSENIC	5.10		0.49	UG/G	*		EPA CLP	SOIL	METALS	1.00	11262001		QT1378.0	6/5/96	0000024001	6/4/96
SC-03317-S	CHROMIUM	10.50		0.57	UG/G	*		EPA CLP	SOIL	METALS	1.00	11262001		QT1378.0	6/5/96	0000024001	6/4/96
SC-03317-S	LEAD	12.30		0.15	UG/G	*		EPA CLP	SOIL	METALS	1.00	11262001		QT1378.0	6/5/96	0000024001	6/4/96
SC-03317-S	RADIUM-226	1.03	0.11	0.36	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2378		WP0080.0	7/8/96	0000024001	6/4/96
SC-03317-S	RADIUM-228	ND		1.28	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2378		WP0080.0	7/8/96	0000024001	6/4/96
SC-03317-S	URANIUM-238	ND		4.37	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2378		WP0080.0	7/8/96	0000024001	6/4/96
SC-03317-S-RE	THORIUM-230	2.36	0.09	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3420		WP0098.0	7/9/96	0000028844	6/4/96
SC-03318-S	AROCLOR-1248	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11262002	U	QT1378.0	6/6/96	0000024002	6/4/96
SC-03318-S	AROCLOR-1254	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11262002	U	QT1378.0	6/6/96	0000024002	6/4/96
SC-03318-S	AROCLOR-1260	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11262002	U	QT1378.0	6/6/96	0000024002	6/4/96
SC-03318-S	ARSENIC	5.30		0.50	UG/G	*		EPA CLP	SOIL	METALS	1.00	11262002		QT1378.0	6/5/96	0000024002	6/4/96
SC-03318-S	CHROMIUM	13.30		0.58	UG/G	*		EPA CLP	SOIL	METALS	1.00	11262002		QT1378.0	6/5/96	0000024002	6/4/96
SC-03318-S	LEAD	13.60		0.15	UG/G	*		EPA CLP	SOIL	METALS	1.00	11262002		QT1378.0	6/5/96	0000024002	6/4/96
SC-03318-S	RADIUM-226	1.06	0.09	0.33	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2379		WP0080.0	7/8/96	0000024002	6/4/96
SC-03318-S	RADIUM-228	1.33	0.14	0.41	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2379		WP0080.0	7/8/96	0000024002	6/4/96
SC-03318-S	URANIUM-238	ND		2.96	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2379		WP0080.0	7/8/96	0000024002	6/4/96
SC-03318-S-RE	THORIUM-230	2.35	0.08	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3421		WP0098.0	7/9/96	0000028867	6/4/96
SC-03319-S	AROCLOR-1248	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11262003	U	QT1378.0	6/6/96	0000024003	6/4/96
SC-03319-S	AROCLOR-1254	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11262003	U	QT1378.0	6/6/96	0000024003	6/4/96
SC-03319-S	AROCLOR-1260	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11262003	U	QT1378.0	6/6/96	0000024003	6/4/96
SC-03319-S	ARSENIC	5.20		0.50	UG/G	*		EPA CLP	SOIL	METALS	1.00	11262003		QT1378.0	6/5/96	0000024003	6/4/96
SC-03319-S	CHROMIUM	12.40		0.57	UG/G	*		EPA CLP	SOIL	METALS	1.00	11262003		QT1378.0	6/5/96	0000024003	6/4/96
SC-03319-S	LEAD	10.90		0.15	UG/G	*		EPA CLP	SOIL	METALS	1.00	11262003		QT1378.0	6/5/96	0000024003	6/4/96
SC-03319-S	RADIUM-226	1.28	0.12	0.38	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2380		WP0080.0	7/8/96	0000024003	6/4/96
SC-03319-S	RADIUM-228	1.34	0.18	0.53	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2380		WP0080.0	7/8/96	0000024003	6/4/96
SC-03319-S	URANIUM-238	ND		3.77	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2380		WP0080.0	7/8/96	0000024003	6/4/96
SC-03319-S-RE	THORIUM-230	2.36	0.09	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3422		WP0098.0	7/10/96	0000028888	6/4/96
SC-03320-C	AROCLOR-1248	ND		47.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11340014	U	QT1389.0	6/14/96	0000024015	6/12/96
SC-03320-C	AROCLOR-1254	ND		47.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11340014	U	QT1389.0	6/14/96	0000024015	6/12/96
SC-03320-C	AROCLOR-1260	ND		47.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11340014	U	QT1389.0	6/14/96	0000024015	6/12/96
SC-03320-C	ARSENIC	7.70		0.58	UG/G	*		EPA CLP	SOIL	METALS	1.00	11340014		QT1389.0	6/13/96	0000024015	6/12/96
SC-03320-C	CHROMIUM	17.20		0.67	UG/G	*		EPA CLP	SOIL	METALS	1.00	11340014		QT1389.0	6/13/96	0000024015	6/12/96
SC-03320-C	LEAD	18.80		0.17	UG/G	*		EPA CLP	SOIL	METALS	1.00	11340014		QT1389.0	6/13/96	0000024015	6/12/96
SC-03320-C	RADIUM-226	1.04	0.11	0.38	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2501		WP0086.0	7/15/96	0000024015	6/12/96
SC-03320-C	RADIUM-228	1.44	0.17	0.15	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2501		WP0086.0	7/15/96	0000024015	6/12/96
SC-03320-C	THORIUM-230	0.72	0.24	0.10	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11340014		QT1389.0	6/14/96	0000024015	6/12/96
SC-03320-S	AROCLOR-1248	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11262004	U	QT1378.0	6/6/96	0000024004	6/4/96
SC-03320-S	AROCLOR-1254	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11262004	U	QT1378.0	6/6/96	0000024004	6/4/96
SC-03320-S	AROCLOR-1260	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11262004	U	QT1378.0	6/6/96	0000024004	6/4/96
SC-03320-S	ARSENIC	5.90		0.50	UG/G	*		EPA CLP	SOIL	METALS	1.00	11262004		QT1378.0	6/5/96	0000024004	6/4/96
SC-03320-S	CHROMIUM	16.70		0.57	UG/G	*		EPA CLP	SOIL	METALS	1.00	11262004		QT1378.0	6/5/96	0000024004	6/4/96
SC-03320-S	LEAD	17.40		0.15	UG/G	*		EPA CLP	SOIL	METALS	1.00	11262004		QT1378.0	6/5/96	0000024004	6/4/96
SC-03320-S	RADIUM-226	1.24	0.10	0.29	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2381		WP0080.0	7/8/96	0000024004	6/4/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-03320-S	RADIUM-226	1.33	0.14	0.28	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2381		WP0090.0	7/8/96	0000024004	6/4/96
SC-03320-S	URANIUM-238	ND		3.21	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2381		WP0090.0	7/8/96	0000024004	6/4/96
SC-03320-S-RE	THORIUM-230	2.52	0.11	2.27	PCI/G	=		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3423		WP0088.0	7/10/96	0000028688	6/4/96
SC-03320-S-RS	THORIUM-230	1.11	0.12	0.03	PCI/G	=		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7348-4		LK0421.0	6/30/96	0000028348	6/28/96
SC-03321-S	RADIUM-226	1.20	0.11	0.37	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2382		WP0090.0	7/8/96	0000024005	6/4/96
SC-03321-S	RADIUM-226	ND		1.32	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2382		WP0090.0	7/8/96	0000024005	6/4/96
SC-03321-S	URANIUM-238	5.00	1.08	2.85	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2382		WP0090.0	7/8/96	0000024005	6/4/96
SC-03402-S	AROCLOR-1248	ND		46.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11436018	U	QT1403.0	6/27/96	0000024029	6/21/96
SC-03402-S	AROCLOR-1254	ND		46.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11436018	U	QT1403.0	6/27/96	0000024029	6/21/96
SC-03402-S	AROCLOR-1260	ND		46.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11436018	U	QT1403.0	6/27/96	0000024029	6/21/96
SC-03402-S	RADIUM-226	0.67	0.10	0.31	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2558		WP0090.0	7/25/96	0000024029	6/21/96
SC-03402-S	RADIUM-228	1.38	0.16	0.44	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2558		WP0090.0	7/25/96	0000024029	6/21/96
SC-03402-S	URANIUM-238	ND		3.92	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2558		WP0090.0	7/25/96	0000024029	6/21/96
SC-03403-S	AROCLOR-1248	ND		40.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11436019	U	QT1403.0	6/27/96	0000024030	6/21/96
SC-03403-S	AROCLOR-1254	ND		40.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11436019	U	QT1403.0	6/27/96	0000024030	6/21/96
SC-03403-S	AROCLOR-1260	ND		40.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11436019	U	QT1403.0	6/27/96	0000024030	6/21/96
SC-03403-S	RADIUM-226	0.85	0.09	0.31	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2560		WP0090.0	7/25/96	0000024030	6/21/96
SC-03403-S	RADIUM-228	1.29	0.12	0.33	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2560		WP0090.0	7/25/96	0000024030	6/21/96
SC-03403-S	URANIUM-238	ND		3.18	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2560		WP0090.0	7/25/96	0000024030	6/21/96
SC-03404-S	AROCLOR-1248	ND		41.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11436020	U	QT1403.0	6/27/96	0000024031	6/21/96
SC-03404-S	AROCLOR-1254	ND		41.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11436020	U	QT1403.0	6/27/96	0000024031	6/21/96
SC-03404-S	AROCLOR-1260	ND		41.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11436020	U	QT1403.0	6/27/96	0000024031	6/21/96
SC-03404-S	RADIUM-226	0.89	0.08	0.27	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2561		WP0090.0	7/25/96	0000024031	6/21/96
SC-03404-S	RADIUM-228	1.25	0.13	0.44	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2561		WP0090.0	7/25/96	0000024031	6/21/96
SC-03404-S	URANIUM-238	ND		3.12	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2561		WP0090.0	7/25/96	0000024031	6/21/96
SC-03406-S	AROCLOR-1248	ND		41.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11436001	U	QT1403.0	6/26/96	0000024016	6/21/96
SC-03406-S	AROCLOR-1254	ND		41.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11436001	U	QT1403.0	6/26/96	0000024016	6/21/96
SC-03406-S	AROCLOR-1260	ND		41.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11436001	U	QT1403.0	6/26/96	0000024016	6/21/96
SC-03406-S	ARSENIC	5.80		0.49	UG/G	=		EPA CLP	SOIL	METALS	1.00	11436001		QT1403.0	6/25/96	0000024016	6/21/96
SC-03406-S	CHROMIUM	14.00		0.57	UG/G	=		EPA CLP	SOIL	METALS	1.00	11436001		QT1403.0	6/25/96	0000024016	6/21/96
SC-03406-S	LEAD	14.90		0.15	UG/G	=		EPA CLP	SOIL	METALS	1.00	11436001		QT1403.0	6/25/96	0000024016	6/21/96
SC-03406-S	RADIUM-226	1.21	0.09	0.30	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2563		WP0090.0	7/25/96	0000024016	6/21/96
SC-03406-S	RADIUM-228	1.33	0.14	0.48	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2563		WP0090.0	7/25/96	0000024016	6/21/96
SC-03406-S	THORIUM-230	5.83	1.27	0.14	PCI/G	A		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11436001RE		QT1403.0	6/30/96	0000024016	6/21/96
SC-03406-S	URANIUM-238	ND		3.15	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2563		WP0090.0	7/25/96	0000024016	6/21/96
SC-03407-S	AROCLOR-1248	ND		42.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11436002	U	QT1403.0	6/26/96	0000024017	6/21/96
SC-03407-S	AROCLOR-1254	ND		42.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11436002	U	QT1403.0	6/26/96	0000024017	6/21/96
SC-03407-S	AROCLOR-1260	ND		42.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11436002	U	QT1403.0	6/26/96	0000024017	6/21/96
SC-03407-S	ARSENIC	6.60		0.51	UG/G	=		EPA CLP	SOIL	METALS	1.00	11436002		QT1403.0	6/25/96	0000024017	6/21/96
SC-03407-S	CHROMIUM	27.20		0.59	UG/G	=		EPA CLP	SOIL	METALS	1.00	11436002		QT1403.0	6/25/96	0000024017	6/21/96
SC-03407-S	LEAD	15.70		0.15	UG/G	=		EPA CLP	SOIL	METALS	1.00	11436002		QT1403.0	6/25/96	0000024017	6/21/96
SC-03407-S	RADIUM-226	1.17	0.11	0.28	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2564		WP0090.0	7/25/96	0000024017	6/21/96
SC-03407-S	RADIUM-228	1.58	0.18	0.51	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2564		WP0090.0	7/25/96	0000024017	6/21/96
SC-03407-S	THORIUM-230	0.80	0.30	0.10	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11436002RE		QT1403.0	6/30/96	0000024017	6/21/96
SC-03407-S	URANIUM-238	ND		4.03	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2564		WP0090.0	7/25/96	0000024017	6/21/96
SC-03408-S	AROCLOR-1248	ND		41.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11436003	U	QT1403.0	6/26/96	0000024018	6/21/96
SC-03408-S	AROCLOR-1254	ND		41.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11436003	U	QT1403.0	6/26/96	0000024018	6/21/96
SC-03408-S	AROCLOR-1260	ND		41.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11436003	U	QT1403.0	6/26/96	0000024018	6/21/96
SC-03408-S	ARSENIC	18.40		0.49	UG/G	=		EPA CLP	SOIL	METALS	1.00	11436003		QT1403.0	6/25/96	0000024018	6/21/96
SC-03408-S	CHROMIUM	20.80		0.57	UG/G	=		EPA CLP	SOIL	METALS	1.00	11436003		QT1403.0	6/25/96	0000024018	6/21/96
SC-03408-S	LEAD	149.00		0.15	UG/G	=		EPA CLP	SOIL	METALS	1.00	11436003		QT1403.0	6/25/96	0000024018	6/21/96
SC-03408-S	RADIUM-226	1.53	0.17	0.32	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2565		WP0090.0	7/25/96	0000024018	6/21/96
SC-03408-S	RADIUM-228	1.31	0.13	0.48	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2565		WP0090.0	7/25/96	0000024018	6/21/96
SC-03408-S	THORIUM-230	1.05	0.33	0.10	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11436003RE		QT1403.0	6/30/96	0000024018	6/21/96
SC-03408-S	URANIUM-238	ND		3.30	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2565		WP0090.0	7/25/96	0000024018	6/21/96
SC-03410-S	AROCLOR-1248	ND		41.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11436004	U	QT1403.0	6/26/96	0000024019	6/21/96
SC-03410-S	AROCLOR-1254	ND		41.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11436004	U	QT1403.0	6/26/96	0000024019	6/21/96
SC-03410-S	AROCLOR-1260	ND		41.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11436004	U	QT1403.0	6/26/96	0000024019	6/21/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-03410-S	ARSENIC	5.90		0.49	UG/G	=		EPA CLP	SOIL	METALS	1.00	11436004		QT1403.0	6/25/96	0000024019	6/21/96
SC-03410-S	CHROMIUM	12.20		0.56	UG/G	=		EPA CLP	SOIL	METALS	1.00	11436004		QT1403.0	6/25/96	0000024019	6/21/96
SC-03410-S	LEAD	9.60		0.15	UG/G	=		EPA CLP	SOIL	METALS	1.00	11436004		QT1403.0	6/25/96	0000024019	6/21/96
SC-03410-S	RADIUM-226	0.83	0.11	0.35	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2566		WP0090.0	7/25/96	0000024019	6/21/96
SC-03410-S	RADIUM-228	1.49	0.20	0.80	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2566		WP0090.0	7/25/96	0000024019	6/21/96
SC-03410-S	THORIUM-230	29.50	5.52	0.09	PCI/G	A		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11436004RE		QT1403.0	6/30/96	0000024019	6/21/96
SC-03410-S	URANIUM-238	ND		4.45	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2566		WP0090.0	7/25/96	0000024019	6/21/96
SC-03410-S-RS-1	THORIUM-230	2.48	0.11	2.27	PCI/G	=		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC2761		WP0097.0	7/5/96	0000028454	7/5/96
SC-03411-S	AROCLOR-1248	ND		42.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11436005	U	QT1403.0	6/26/96	0000024020	6/21/96
SC-03411-S	AROCLOR-1254	ND		42.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11436005	U	QT1403.0	6/26/96	0000024020	6/21/96
SC-03411-S	AROCLOR-1260	ND		42.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11436005	U	QT1403.0	6/26/96	0000024020	6/21/96
SC-03411-S	ARSENIC	3.90		0.51	UG/G	=		EPA CLP	SOIL	METALS	1.00	11436005		QT1403.0	6/25/96	0000024020	6/21/96
SC-03411-S	CHROMIUM	14.00		0.58	UG/G	=		EPA CLP	SOIL	METALS	1.00	11436005		QT1403.0	6/25/96	0000024020	6/21/96
SC-03411-S	LEAD	9.00		0.15	UG/G	=		EPA CLP	SOIL	METALS	1.00	11436005		QT1403.0	6/25/96	0000024020	6/21/96
SC-03411-S	RADIUM-226	0.78	0.09	0.29	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2567		WP0090.0	7/25/96	0000024020	6/21/96
SC-03411-S	RADIUM-228	1.25	0.13	0.41	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2567		WP0090.0	7/25/96	0000024020	6/21/96
SC-03411-S	THORIUM-230	1.04	0.34	0.16	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11436005RE		QT1403.0	6/30/96	0000024020	6/21/96
SC-03411-S	URANIUM-238	ND		3.02	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2567		WP0090.0	7/25/96	0000024020	6/21/96
SC-03411-S-HS01-0	RADIUM-226	1.27	0.15	0.66	PCI/G	=		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2607		WP0101.0	8/19/96	0000028853	7/17/96
SC-03411-S-HS01-0	RADIUM-228	3.62	0.30	1.13	PCI/G	=		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2607		WP0101.0	8/19/96	0000028853	7/17/96
SC-03411-S-HS01-0	URANIUM-238	365.00	24.20	15.10	PCI/G	=		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2607		WP0101.0	8/19/96	0000028853	7/17/96
SC-03411-S-RS	URANIUM-238	ND		3.70	PCI/G	=		HASL300	SOIL	RADIOCHEMICAL	1.00			WP0119.0	8/16/96	0000029406	8/15/96
SC-03412-C	AROCLOR-1248	ND		38.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11436006	U	QT1403.0	6/27/96	0000024022	6/21/96
SC-03412-C	AROCLOR-1254	ND		38.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11436006	U	QT1403.0	6/27/96	0000024022	6/21/96
SC-03412-C	AROCLOR-1260	ND		38.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11436006	U	QT1403.0	6/27/96	0000024022	6/21/96
SC-03412-C	ARSENIC	4.80		0.46	UG/G	=		EPA CLP	SOIL	METALS	1.00	11436006		QT1403.0	6/25/96	0000024022	6/21/96
SC-03412-C	CHROMIUM	17.30		0.53	UG/G	=		EPA CLP	SOIL	METALS	1.00	11436006		QT1403.0	6/25/96	0000024022	6/21/96
SC-03412-C	LEAD	12.50		0.14	UG/G	=		EPA CLP	SOIL	METALS	1.00	11436006		QT1403.0	6/25/96	0000024022	6/21/96
SC-03412-C	RADIUM-226	1.38	0.12	0.30	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2568		WP0090.0	7/25/96	0000024022	6/21/96
SC-03412-C	RADIUM-228	1.10	0.16	0.46	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2568		WP0090.0	7/25/96	0000024022	6/21/96
SC-03412-C	THORIUM-230	1.54	0.41	0.13	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11436006RE		QT1403.0	6/30/96	0000024022	6/21/96
SC-03412-C	URANIUM-238	ND		4.01	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2568		WP0090.0	7/25/96	0000024022	6/21/96
SC-03412-S	AROCLOR-1248	ND		37.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11436007	U	QT1403.0	6/26/96	0000024021	6/21/96
SC-03412-S	AROCLOR-1254	ND		37.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11436007	U	QT1403.0	6/26/96	0000024021	6/21/96
SC-03412-S	AROCLOR-1260	ND		37.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11436007	U	QT1403.0	6/26/96	0000024021	6/21/96
SC-03412-S	ARSENIC	6.20		0.44	UG/G	=		EPA CLP	SOIL	METALS	1.00	11436007		QT1403.0	6/25/96	0000024021	6/21/96
SC-03412-S	CHROMIUM	16.80		0.51	UG/G	=		EPA CLP	SOIL	METALS	1.00	11436007		QT1403.0	6/25/96	0000024021	6/21/96
SC-03412-S	LEAD	14.70		0.13	UG/G	=		EPA CLP	SOIL	METALS	1.00	11436007		QT1403.0	6/25/96	0000024021	6/21/96
SC-03412-S	RADIUM-226	1.17	0.13	0.38	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2569		WP0090.0	7/25/96	0000024021	6/21/96
SC-03412-S	RADIUM-228	ND		1.34	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2569		WP0090.0	7/25/96	0000024021	6/21/96
SC-03412-S	THORIUM-230	0.88	0.27	0.16	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11436007RE		QT1403.0	6/30/96	0000024021	6/21/96
SC-03412-S	URANIUM-238	ND		4.35	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2569		WP0090.0	7/25/96	0000024021	6/21/96
SC-03414-S	AROCLOR-1248	ND		39.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11436008	U	QT1403.0	6/26/96	0000024023	6/21/96
SC-03414-S	AROCLOR-1254	ND		39.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11436008	U	QT1403.0	6/26/96	0000024023	6/21/96
SC-03414-S	AROCLOR-1260	ND		39.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11436008	U	QT1403.0	6/26/96	0000024023	6/21/96
SC-03414-S	ARSENIC	2.30		0.47	UG/G	=		EPA CLP	SOIL	METALS	1.00	11436008	B	QT1403.0	6/25/96	0000024023	6/21/96
SC-03414-S	CHROMIUM	9.90		0.54	UG/G	=		EPA CLP	SOIL	METALS	1.00	11436008		QT1403.0	6/25/96	0000024023	6/21/96
SC-03414-S	LEAD	9.40		0.14	UG/G	=		EPA CLP	SOIL	METALS	1.00	11436008		QT1403.0	6/25/96	0000024023	6/21/96
SC-03414-S	RADIUM-226	0.99	0.09	0.27	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2570		WP0090.0	7/25/96	0000024023	6/21/96
SC-03414-S	RADIUM-228	1.38	0.13	0.39	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2570		WP0090.0	7/25/96	0000024023	6/21/96
SC-03414-S	THORIUM-230	0.75	0.25	0.12	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11436008RE		QT1403.0	6/30/96	0000024023	6/21/96
SC-03414-S	URANIUM-238	ND		3.02	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2570		WP0090.0	7/25/96	0000024023	6/21/96
SC-03415-S	AROCLOR-1248	ND		38.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11436009	U	QT1403.0	6/26/96	0000024024	6/21/96
SC-03415-S	AROCLOR-1254	ND		38.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11436009	U	QT1403.0	6/26/96	0000024024	6/21/96
SC-03415-S	AROCLOR-1260	ND		38.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11436009	U	QT1403.0	6/26/96	0000024024	6/21/96
SC-03415-S	ARSENIC	2.80		0.44	UG/G	=		EPA CLP	SOIL	METALS	1.00	11436009		QT1403.0	6/25/96	0000024024	6/21/96
SC-03415-S	CHROMIUM	9.10		0.51	UG/G	=		EPA CLP	SOIL	METALS	1.00	11436009		QT1403.0	6/25/96	0000024024	6/21/96
SC-03415-S	LEAD	8.80		0.13	UG/G	=		EPA CLP	SOIL	METALS	1.00	11436009		QT1403.0	6/25/96	0000024024	6/21/96
SC-03415-S	RADIUM-226	0.87	0.11	0.38	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2571		WP0090.0	7/25/96	0000024024	6/21/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-03415-S	RADIUM-228	2.03	0.21	0.84	PCI/G	"	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2571		WP0090.0	7/25/96	0000024024	6/21/96
SC-03415-S	THORIUM-230	1.29	0.34	0.09	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11436009RE		QT1403.0	6/30/96	0000024024	6/21/96
SC-03415-S	URANIUM-238	ND		4.38	PCI/G	"	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2571		WP0090.0	7/25/96	0000024024	6/21/96
SC-03416-S	AROCLOR-1248	ND		37.00	UG/KG	"		EPA 8080A	SOIL	PEST/PCBS	1.00	11436010	U	QT1403.0	6/27/96	0000024025	6/21/96
SC-03416-S	AROCLOR-1254	ND		37.00	UG/KG	"		EPA 8080A	SOIL	PEST/PCBS	1.00	11436010	U	QT1403.0	6/27/96	0000024025	6/21/96
SC-03416-S	AROCLOR-1260	ND		37.00	UG/KG	"		EPA 8080A	SOIL	PEST/PCBS	1.00	11436010	U	QT1403.0	6/27/96	0000024025	6/21/96
SC-03416-S	ARSENIC	8.20		0.44	UG/G	"		EPA CLP	SOIL	METALS	1.00	11436010		QT1403.0	6/25/96	0000024025	6/21/96
SC-03416-S	CHROMIUM	18.60		0.51	UG/G	"		EPA CLP	SOIL	METALS	1.00	11436010		QT1403.0	6/25/96	0000024025	6/21/96
SC-03416-S	LEAD	18.20		0.13	UG/G	"		EPA CLP	SOIL	METALS	1.00	11436010		QT1403.0	6/25/96	0000024025	6/21/96
SC-03416-S	RADIUM-226	0.99	0.09	0.31	PCI/G	"	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2572		WP0090.0	7/25/96	0000024025	6/21/96
SC-03416-S	RADIUM-228	1.75	0.14	0.38	PCI/G	"	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2572		WP0090.0	7/25/96	0000024025	6/21/96
SC-03416-S	THORIUM-230	1.55	0.43	0.09	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11436010RE		QT1403.0	6/30/96	0000024025	6/21/96
SC-03416-S	URANIUM-238	16.10	2.06	5.22	PCI/G	"	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2572		WP0090.0	7/25/96	0000024025	6/21/96
SC-03418-S	URANIUM-238	ND		4.04	PCI/G	"	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2573		WP0090.0	7/25/96	0000024034	6/21/96
SC-03418-S	AROCLOR-1248	ND		40.00	UG/KG	"		EPA 8080A	SOIL	PEST/PCBS	1.00	11436011	U	QT1403.0	6/27/96	0000024026	6/21/96
SC-03418-S	AROCLOR-1254	ND		40.00	UG/KG	"		EPA 8080A	SOIL	PEST/PCBS	1.00	11436011	U	QT1403.0	6/27/96	0000024026	6/21/96
SC-03418-S	AROCLOR-1260	ND		40.00	UG/KG	"		EPA 8080A	SOIL	PEST/PCBS	1.00	11436011	U	QT1403.0	6/27/96	0000024026	6/21/96
SC-03418-S	ARSENIC	3.80		0.48	UG/G	"		EPA CLP	SOIL	METALS	1.00	11436011		QT1403.0	6/25/96	0000024026	6/21/96
SC-03418-S	CHROMIUM	9.40		0.55	UG/G	"		EPA CLP	SOIL	METALS	1.00	11436011		QT1403.0	6/25/96	0000024026	6/21/96
SC-03418-S	LEAD	7.40		0.14	UG/G	"		EPA CLP	SOIL	METALS	1.00	11436011		QT1403.0	6/25/96	0000024026	6/21/96
SC-03418-S	RADIUM-226	0.85	0.12	0.38	PCI/G	"	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2574		WP0090.0	7/25/96	0000024026	6/21/96
SC-03418-S	RADIUM-228	1.33	0.17	0.32	PCI/G	"	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2574		WP0090.0	7/25/96	0000024026	6/21/96
SC-03418-S	THORIUM-230	1.13	0.34	0.12	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11436011RE		QT1403.0	6/30/96	0000024026	6/21/96
SC-03418-S	URANIUM-238	ND		3.66	PCI/G	"	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2574		WP0090.0	7/25/96	0000024026	6/21/96
SC-03419-S	AROCLOR-1248	ND		40.00	UG/KG	"		EPA 8080A	SOIL	PEST/PCBS	1.00	11436012	U	QT1403.0	6/27/96	0000024027	6/21/96
SC-03419-S	AROCLOR-1254	ND		40.00	UG/KG	"		EPA 8080A	SOIL	PEST/PCBS	1.00	11436012	U	QT1403.0	6/27/96	0000024027	6/21/96
SC-03419-S	AROCLOR-1260	ND		40.00	UG/KG	"		EPA 8080A	SOIL	PEST/PCBS	1.00	11436012	U	QT1403.0	6/27/96	0000024027	6/21/96
SC-03419-S	ARSENIC	5.10		0.48	UG/G	"		EPA CLP	SOIL	METALS	1.00	11436012		QT1403.0	6/25/96	0000024027	6/21/96
SC-03419-S	CHROMIUM	6.60		0.55	UG/G	"		EPA CLP	SOIL	METALS	1.00	11436012		QT1403.0	6/25/96	0000024027	6/21/96
SC-03419-S	LEAD	9.20		0.14	UG/G	"		EPA CLP	SOIL	METALS	1.00	11436012		QT1403.0	6/25/96	0000024027	6/21/96
SC-03419-S	RADIUM-226	0.98	0.09	0.23	PCI/G	"	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2575		WP0090.0	7/25/96	0000024027	6/21/96
SC-03419-S	RADIUM-228	1.36	0.14	0.41	PCI/G	"	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2575		WP0090.0	7/25/96	0000024027	6/21/96
SC-03419-S	THORIUM-230	0.61	0.20	0.09	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11436012RE		QT1403.0	6/30/96	0000024027	6/21/96
SC-03419-S	URANIUM-238	ND		3.00	PCI/G	"	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2575		WP0090.0	7/25/96	0000024027	6/21/96
SC-03420-S	AROCLOR-1248	ND		37.00	UG/KG	"		EPA 8080A	SOIL	PEST/PCBS	1.00	11436013	U	QT1403.0	6/27/96	0000024028	6/21/96
SC-03420-S	AROCLOR-1254	47.00		37.00	UG/KG	"		EPA 8080A	SOIL	PEST/PCBS	1.00	11436013		QT1403.0	6/27/96	0000024028	6/21/96
SC-03420-S	AROCLOR-1260	ND		37.00	UG/KG	"		EPA 8080A	SOIL	PEST/PCBS	1.00	11436013	U	QT1403.0	6/27/96	0000024028	6/21/96
SC-03420-S	ARSENIC	3.70		0.44	UG/G	"		EPA CLP	SOIL	METALS	1.00	11436013		QT1403.0	6/25/96	0000024028	6/21/96
SC-03420-S	CHROMIUM	13.00		0.51	UG/G	"		EPA CLP	SOIL	METALS	1.00	11436013		QT1403.0	6/25/96	0000024028	6/21/96
SC-03420-S	LEAD	18.20		0.13	UG/G	"		EPA CLP	SOIL	METALS	1.00	11436013		QT1403.0	6/25/96	0000024028	6/21/96
SC-03420-S	RADIUM-226	1.02	0.10	0.34	PCI/G	"	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2576		WP0090.0	7/25/96	0000024028	6/21/96
SC-03420-S	RADIUM-228	2.84	0.18	0.48	PCI/G	"	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2576		WP0090.0	7/25/96	0000024028	6/21/96
SC-03420-S	THORIUM-230	1.91	0.61	0.17	PCI/G	A		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11436013RE		QT1403.0	6/30/96	0000024028	6/21/96
SC-03420-S	URANIUM-238	4.87	0.93	3.36	PCI/G	"	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2576		WP0090.0	7/25/96	0000024028	6/21/96
SC-03422-S	URANIUM-238	ND		4.15	PCI/G	"	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2502		WP0086.0	7/15/96	0000024035	6/12/96
SC-03423-S	AROCLOR-1248	ND		84.00	UG/KG	"		EPA 8080A	SOIL	PEST/PCBS	2.00	11340020	U	QT1389.0	6/14/96	0000024032	6/12/96
SC-03423-S	AROCLOR-1254	930.00		84.00	UG/KG	"		EPA 8080A	SOIL	PEST/PCBS	2.00	11340020		QT1389.0	6/14/96	0000024032	6/12/96
SC-03423-S	AROCLOR-1260	ND		84.00	UG/KG	"		EPA 8080A	SOIL	PEST/PCBS	2.00	11340020	U	QT1389.0	6/14/96	0000024032	6/12/96
SC-03423-S	RADIUM-226	1.20	0.09	0.24	PCI/G	"	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2503		WP0086.0	7/15/96	0000024032	6/12/96
SC-03423-S	RADIUM-228	1.83	0.14	0.32	PCI/G	"	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2503		WP0086.0	7/15/96	0000024032	6/12/96
SC-03423-S	URANIUM-238	2.17	0.67	2.51	PCI/G	"	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2503		WP0086.0	7/15/96	0000024032	6/12/96
SC-03424-S	AROCLOR-1248	ND		43.00	UG/KG	"		EPA 8080A	SOIL	PEST/PCBS	1.00	11340021	U	QT1389.0	6/14/96	0000024033	6/12/96
SC-03424-S	AROCLOR-1254	ND		43.00	UG/KG	"		EPA 8080A	SOIL	PEST/PCBS	1.00	11340021	U	QT1389.0	6/14/96	0000024033	6/12/96
SC-03424-S	AROCLOR-1260	ND		43.00	UG/KG	"		EPA 8080A	SOIL	PEST/PCBS	1.00	11340021	U	QT1389.0	6/14/96	0000024033	6/12/96
SC-03424-S	RADIUM-226	1.11	0.14	0.46	PCI/G	"	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2504		WP0086.0	7/15/96	0000024033	6/12/96
SC-03424-S	RADIUM-228	1.44	0.19	0.56	PCI/G	"	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2504		WP0086.0	7/15/96	0000024033	6/12/96
SC-03424-S	URANIUM-238	ND		4.14	PCI/G	"	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2504		WP0086.0	7/15/96	0000024033	6/12/96
SC-03501-S	AROCLOR-1248	ND		37.00	UG/KG	"		EPA 8080A	SOIL	PEST/PCBS	1.00	11435015	U	QT1404.0	6/26/96	0000024053	6/21/96
SC-03501-S	AROCLOR-1254	ND		37.00	UG/KG	"		EPA 8080A	SOIL	PEST/PCBS	1.00	11435015	U	QT1404.0	6/26/96	0000024053	6/21/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-03501-S	AROCLOR-1260	ND		37.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11435016	U	QT1404.0	6/26/96	0000024053	6/21/96
SC-03501-S	RADIUM-226	1.33	0.12	0.36	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2577		WP0090.0	7/25/96	0000024053	6/21/96
SC-03501-S	RADIUM-228	ND		1.08	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2577		WP0090.0	7/25/96	0000024053	6/21/96
SC-03501-S	URANIUM-238	ND		3.85	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2577		WP0090.0	7/25/96	0000024053	6/21/96
SC-03502-S	RADIUM-226	0.96	0.12	0.41	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2578		WP0090.0	7/25/96	0000024058	6/21/96
SC-03502-S	RADIUM-228	1.57	0.16	0.44	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2578		WP0090.0	7/25/96	0000024058	6/21/96
SC-03502-S	URANIUM-238	ND		3.92	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2578		WP0090.0	7/25/96	0000024058	6/21/96
SC-03503-S	RADIUM-226	1.13	0.09	0.27	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2579		WP0090.0	7/25/96	0000024059	6/21/96
SC-03503-S	RADIUM-228	1.34	0.13	0.49	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2579		WP0090.0	7/25/96	0000024059	6/21/96
SC-03503-S	URANIUM-238	ND		3.18	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2579		WP0090.0	7/25/96	0000024059	6/21/96
SC-03504-S	URANIUM-238	ND		4.35	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2580		WP0090.0	7/25/96	0000024061	6/21/96
SC-03505-C	AROCLOR-1248	ND		37.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11435001	U	QT1404.0	6/26/96	0000024048	6/21/96
SC-03505-C	AROCLOR-1254	ND		37.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11435001	U	QT1404.0	6/26/96	0000024048	6/21/96
SC-03505-C	AROCLOR-1260	ND		37.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11435001	U	QT1404.0	6/26/96	0000024048	6/21/96
SC-03505-C	ARSENIC	8.60		0.48	UG/G	*		EPA CLP	SOIL	METALS	1.00	11435001		QT1404.0	6/25/96	0000024048	6/21/96
SC-03505-C	CHROMIUM	17.00		0.52	UG/G	*		EPA CLP	SOIL	METALS	1.00	11435001		QT1404.0	6/25/96	0000024048	6/21/96
SC-03505-C	LEAD	14.20		0.13	UG/G	*		EPA CLP	SOIL	METALS	1.00	11435001		QT1404.0	6/25/96	0000024048	6/21/96
SC-03505-C	RADIUM-226	1.31	0.10	0.25	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2581		WP0090.0	7/25/96	0000024048	6/21/96
SC-03505-C	RADIUM-228	1.29	0.13	0.42	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2581		WP0090.0	7/25/96	0000024048	6/21/96
SC-03505-C	THORIUM-230	1.50	0.41	0.09	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11435001		QT1404.0	6/28/96	0000024048	6/21/96
SC-03505-S	AROCLOR-1248	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11436014	U	QT1403.0	6/27/96	0000024036	6/21/96
SC-03505-S	AROCLOR-1254	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11436014	U	QT1403.0	6/27/96	0000024036	6/21/96
SC-03505-S	AROCLOR-1260	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11436014	U	QT1403.0	6/27/96	0000024036	6/21/96
SC-03505-S	ARSENIC	6.60		0.50	UG/G	*		EPA CLP	SOIL	METALS	1.00	11436014		QT1403.0	6/25/96	0000024036	6/21/96
SC-03505-S	CHROMIUM	10.10		0.58	UG/G	*		EPA CLP	SOIL	METALS	1.00	11436014		QT1403.0	6/25/96	0000024036	6/21/96
SC-03505-S	LEAD	15.70		0.15	UG/G	*		EPA CLP	SOIL	METALS	1.00	11436014		QT1403.0	6/25/96	0000024036	6/21/96
SC-03505-S	RADIUM-226	1.17	0.10	0.34	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2582		WP0090.0	7/25/96	0000024036	6/21/96
SC-03505-S	RADIUM-228	1.43	0.13	0.41	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2582		WP0090.0	7/25/96	0000024036	6/21/96
SC-03505-S	THORIUM-230	1.11	0.35	0.08	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11436014RE		QT1403.0	6/30/96	0000024036	6/21/96
SC-03505-S	URANIUM-238	ND		3.25	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2582		WP0090.0	7/25/96	0000024036	6/21/96
SC-03506-S	AROCLOR-1248	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11436015	U	QT1403.0	6/27/96	0000024037	6/21/96
SC-03506-S	AROCLOR-1254	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11436015	U	QT1403.0	6/27/96	0000024037	6/21/96
SC-03506-S	AROCLOR-1260	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11436015	U	QT1403.0	6/27/96	0000024037	6/21/96
SC-03506-S	ARSENIC	7.00		0.47	UG/G	*		EPA CLP	SOIL	METALS	1.00	11436015		QT1403.0	6/25/96	0000024037	6/21/96
SC-03506-S	CHROMIUM	13.90		0.54	UG/G	*		EPA CLP	SOIL	METALS	1.00	11436015		QT1403.0	6/25/96	0000024037	6/21/96
SC-03506-S	LEAD	11.50		0.14	UG/G	*		EPA CLP	SOIL	METALS	1.00	11436015		QT1403.0	6/25/96	0000024037	6/21/96
SC-03506-S	RADIUM-226	1.25	0.12	0.36	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2583		WP0090.0	7/25/96	0000024037	6/21/96
SC-03506-S	RADIUM-228	1.34	0.17	0.37	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2583		WP0090.0	7/25/96	0000024037	6/21/96
SC-03506-S	THORIUM-230	1.91	0.53	0.17	PCI/G	A		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11436015RE		QT1403.0	6/30/96	0000024037	6/21/96
SC-03506-S	URANIUM-238	ND		3.80	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2583		WP0090.0	7/25/96	0000024037	6/21/96
SC-03507-S	AROCLOR-1248	ND		37.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11436016	U	QT1403.0	6/27/96	0000024038	6/21/96
SC-03507-S	AROCLOR-1254	ND		37.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11436016	U	QT1403.0	6/27/96	0000024038	6/21/96
SC-03507-S	AROCLOR-1260	ND		37.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11436016	U	QT1403.0	6/27/96	0000024038	6/21/96
SC-03507-S	ARSENIC	6.20		0.45	UG/G	*		EPA CLP	SOIL	METALS	1.00	11436016		QT1403.0	6/25/96	0000024038	6/21/96
SC-03507-S	CHROMIUM	17.90		0.52	UG/G	*		EPA CLP	SOIL	METALS	1.00	11436016		QT1403.0	6/25/96	0000024038	6/21/96
SC-03507-S	LEAD	10.50		0.14	UG/G	*		EPA CLP	SOIL	METALS	1.00	11436016		QT1403.0	6/25/96	0000024038	6/21/96
SC-03507-S	RADIUM-226	1.26	0.12	0.35	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2584		WP0090.0	7/28/96	0000024038	6/21/96
SC-03507-S	RADIUM-228	ND		1.38	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2584		WP0090.0	7/28/96	0000024038	6/21/96
SC-03507-S	THORIUM-230	1.36	0.38	0.07	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11436016RE		QT1403.0	6/30/96	0000024038	6/21/96
SC-03507-S	URANIUM-238	ND		4.08	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2584		WP0090.0	7/28/96	0000024038	6/21/96
SC-03508-S	URANIUM-238	10.20	1.41	3.12	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2585		WP0090.0	7/25/96	0000024062	6/21/96
SC-03509-S	AROCLOR-1248	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11436017	U	QT1403.0	6/27/96	0000024039	6/21/96
SC-03509-S	AROCLOR-1254	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11436017	U	QT1403.0	6/27/96	0000024039	6/21/96
SC-03509-S	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11436017	U	QT1403.0	6/27/96	0000024039	6/21/96
SC-03509-S	ARSENIC	5.20		0.48	UG/G	*		EPA CLP	SOIL	METALS	1.00	11436017		QT1403.0	6/25/96	0000024039	6/21/96
SC-03509-S	CHROMIUM	11.60		0.56	UG/G	*		EPA CLP	SOIL	METALS	1.00	11436017		QT1403.0	6/25/96	0000024039	6/21/96
SC-03509-S	LEAD	11.30		0.15	UG/G	*		EPA CLP	SOIL	METALS	1.00	11436017		QT1403.0	6/25/96	0000024039	6/21/96
SC-03509-S	RADIUM-226	1.15	0.12	0.40	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2586		WP0090.0	7/28/96	0000024039	6/21/96
SC-03509-S	RADIUM-228	1.30	0.20	0.49	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2586		WP0090.0	7/28/96	0000024039	6/21/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB RECD	DATE ANA	SAMPLINK	DATE SAMPLED
SC-03509-S	THORIUM-230	1.45	0.38	0.14	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11438017RE		QT1403.0	6/30/96	0000024039	6/21/96
SC-03509-S	URANIUM-238	1.91	0.99	3.11	PCI/G	U	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2586		WP0090.0	7/26/96	0000024039	6/21/96
SC-03510-C	AROCLOR-1248	ND		41.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11435002	U	QT1404.0	6/26/96	0000024049	6/21/96
SC-03510-C	AROCLOR-1254	ND		41.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11435002	U	QT1404.0	6/26/96	0000024049	6/21/96
SC-03510-C	AROCLOR-1260	ND		41.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11435002	U	QT1404.0	6/26/96	0000024049	6/21/96
SC-03510-C	ARSENIC	5.10		0.49	UG/G	U		EPA CLP	SOIL	METALS	1.00	11435002		QT1404.0	6/25/96	0000024049	6/21/96
SC-03510-C	CHROMIUM	14.40		0.57	UG/G	U		EPA CLP	SOIL	METALS	1.00	11435002		QT1404.0	6/25/96	0000024049	6/21/96
SC-03510-C	LEAD	7.50		0.15	UG/G	U		EPA CLP	SOIL	METALS	1.00	11435002		QT1404.0	6/25/96	0000024049	6/21/96
SC-03510-C	RADIUM-226	1.10	0.09	0.23	PCI/G	U	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2587		WP0090.0	7/26/96	0000024049	6/21/96
SC-03510-C	RADIUM-228	1.44	0.14	0.41	PCI/G	U	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2587		WP0090.0	7/26/96	0000024049	6/21/96
SC-03510-C	THORIUM-230	1.09	0.39	0.22	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11435002		QT1404.0	6/29/96	0000024049	6/21/96
SC-03510-S	AROCLOR-1248	ND		40.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11435003	U	QT1404.0	6/26/96	0000024040	6/21/96
SC-03510-S	AROCLOR-1254	ND		40.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11435003	U	QT1404.0	6/26/96	0000024040	6/21/96
SC-03510-S	AROCLOR-1260	ND		40.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11435003	U	QT1404.0	6/26/96	0000024040	6/21/96
SC-03510-S	ARSENIC	6.00		0.49	UG/G	U		EPA CLP	SOIL	METALS	1.00	11435003		QT1404.0	6/25/96	0000024040	6/21/96
SC-03510-S	CHROMIUM	14.20		0.56	UG/G	U		EPA CLP	SOIL	METALS	1.00	11435003		QT1404.0	6/25/96	0000024040	6/21/96
SC-03510-S	LEAD	11.60		0.15	UG/G	U		EPA CLP	SOIL	METALS	1.00	11435003		QT1404.0	6/25/96	0000024040	6/21/96
SC-03510-S	RADIUM-226	1.38	0.13	0.34	PCI/G	U	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2588		WP0090.0	7/26/96	0000024040	6/21/96
SC-03510-S	RADIUM-228	1.47	0.20	0.71	PCI/G	U	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2588		WP0090.0	7/26/96	0000024040	6/21/96
SC-03510-S	THORIUM-230	1.16	0.34	0.16	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11435003		QT1404.0	6/28/96	0000024040	6/21/96
SC-03510-S	URANIUM-238	ND		4.04	PCI/G	U	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2588		WP0090.0	7/26/96	0000024040	6/21/96
SC-03511-C	AROCLOR-1248	ND		35.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11435004	U	QT1404.0	6/26/96	0000024050	6/21/96
SC-03511-C	AROCLOR-1254	ND		35.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11435004	U	QT1404.0	6/26/96	0000024050	6/21/96
SC-03511-C	AROCLOR-1260	ND		35.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11435004	U	QT1404.0	6/26/96	0000024050	6/21/96
SC-03511-C	ARSENIC	8.90		0.42	UG/G	U		EPA CLP	SOIL	METALS	1.00	11435004		QT1404.0	6/25/96	0000024050	6/21/96
SC-03511-C	CHROMIUM	19.10		0.49	UG/G	U		EPA CLP	SOIL	METALS	1.00	11435004		QT1404.0	6/25/96	0000024050	6/21/96
SC-03511-C	LEAD	20.80		0.13	UG/G	U		EPA CLP	SOIL	METALS	1.00	11435004		QT1404.0	6/25/96	0000024050	6/21/96
SC-03511-C	RADIUM-226	1.38	0.09	0.23	PCI/G	U	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2589		WP0090.0	7/26/96	0000024050	6/21/96
SC-03511-C	RADIUM-228	1.27	0.13	0.41	PCI/G	U	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2589		WP0090.0	7/26/96	0000024050	6/21/96
SC-03511-C	THORIUM-230	0.98	0.32	0.19	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11435004		QT1404.0	6/28/96	0000024050	6/21/96
SC-03511-S	AROCLOR-1248	ND		37.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11435005	U	QT1404.0	6/26/96	0000024041	6/21/96
SC-03511-S	AROCLOR-1254	ND		37.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11435005	U	QT1404.0	6/26/96	0000024041	6/21/96
SC-03511-S	AROCLOR-1260	ND		37.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11435005	U	QT1404.0	6/26/96	0000024041	6/21/96
SC-03511-S	ARSENIC	6.60		0.45	UG/G	U		EPA CLP	SOIL	METALS	1.00	11435005		QT1404.0	6/25/96	0000024041	6/21/96
SC-03511-S	CHROMIUM	16.80		0.52	UG/G	U		EPA CLP	SOIL	METALS	1.00	11435005		QT1404.0	6/25/96	0000024041	6/21/96
SC-03511-S	LEAD	13.40		0.13	UG/G	U		EPA CLP	SOIL	METALS	1.00	11435005		QT1404.0	6/25/96	0000024041	6/21/96
SC-03511-S	RADIUM-226	1.35	0.12	0.28	PCI/G	U	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2590		WP0090.0	7/26/96	0000024041	6/21/96
SC-03511-S	RADIUM-228	1.66	0.21	0.61	PCI/G	U	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2590		WP0090.0	7/26/96	0000024041	6/21/96
SC-03511-S	THORIUM-230	1.10	0.36	0.16	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11435005		QT1404.0	6/28/96	0000024041	6/21/96
SC-03511-S	URANIUM-238	ND		4.43	PCI/G	U	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2590		WP0090.0	7/26/96	0000024041	6/21/96
SC-03512-S	URANIUM-238	9.76	1.38	3.38	PCI/G	U	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2591		WP0090.0	7/26/96	0000024083	6/21/96
SC-03513-S	AROCLOR-1248	ND		38.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11435006	U	QT1404.0	6/26/96	0000024042	6/21/96
SC-03513-S	AROCLOR-1254	98.00		38.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11435006		QT1404.0	6/26/96	0000024042	6/21/96
SC-03513-S	AROCLOR-1260	ND		38.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11435006	U	QT1404.0	6/26/96	0000024042	6/21/96
SC-03513-S	ARSENIC	7.40		0.43	UG/G	U		EPA CLP	SOIL	METALS	1.00	11435006		QT1404.0	6/25/96	0000024042	6/21/96
SC-03513-S	CHROMIUM	14.10		0.49	UG/G	U		EPA CLP	SOIL	METALS	1.00	11435006		QT1404.0	6/25/96	0000024042	6/21/96
SC-03513-S	LEAD	13.10		0.13	UG/G	U		EPA CLP	SOIL	METALS	1.00	11435006		QT1404.0	6/25/96	0000024042	6/21/96
SC-03513-S	RADIUM-226	0.98	0.11	0.36	PCI/G	U	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2592		WP0090.0	7/26/96	0000024042	6/21/96
SC-03513-S	RADIUM-228	1.88	0.20	0.64	PCI/G	U	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2592		WP0090.0	7/26/96	0000024042	6/21/96
SC-03513-S	THORIUM-230	2.86	0.77	0.13	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11435006		QT1404.0	6/28/96	0000024042	6/21/96
SC-03513-S	URANIUM-238	3.09	1.14	3.38	PCI/G	U	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2592		WP0090.0	7/26/96	0000024042	6/21/96
SC-03514-S	AROCLOR-1248	ND		43.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11435008	U	QT1404.0	6/26/96	0000024043	6/21/96
SC-03514-S	AROCLOR-1254	ND		43.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11435008	U	QT1404.0	6/26/96	0000024043	6/21/96
SC-03514-S	AROCLOR-1260	ND		43.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11435008	U	QT1404.0	6/26/96	0000024043	6/21/96
SC-03514-S	ARSENIC	8.60		0.49	UG/G	U		EPA CLP	SOIL	METALS	1.00	11435008		QT1404.0	6/25/96	0000024043	6/21/96
SC-03514-S	CHROMIUM	18.20		0.57	UG/G	U		EPA CLP	SOIL	METALS	1.00	11435008		QT1404.0	6/25/96	0000024043	6/21/96
SC-03514-S	LEAD	12.20		0.15	UG/G	U		EPA CLP	SOIL	METALS	1.00	11435008		QT1404.0	6/25/96	0000024043	6/21/96
SC-03514-S	RADIUM-226	1.06	0.09	0.31	PCI/G	U	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2594		WP0090.0	7/26/96	0000024043	6/21/96
SC-03514-S	RADIUM-228	1.29	0.13	0.37	PCI/G	U	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2594		WP0090.0	7/26/96	0000024043	6/21/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-03514-S	THORIUM-230	1.41	0.44	0.12	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11435008		QT1404.0	8/29/96	0000024043	6/21/96
SC-03514-S	URANIUM-238	ND		3.15	PCI/G	U	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2594		WP0090.0	7/26/96	0000024043	6/21/96
SC-03515-S	AROCLOR-1248	ND		39.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11435009	U	QT1404.0	8/26/96	0000024044	6/21/96
SC-03515-S	AROCLOR-1254	ND		39.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11435009	U	QT1404.0	8/26/96	0000024044	6/21/96
SC-03515-S	AROCLOR-1260	ND		39.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11435009	U	QT1404.0	8/26/96	0000024044	6/21/96
SC-03515-S	ARSENIC	7.00		0.46	UG/G	U		EPA CLP	SOIL	METALS	1.00	11435009		QT1404.0	8/25/96	0000024044	6/21/96
SC-03515-S	CHROMIUM	15.00		0.53	UG/G	U		EPA CLP	SOIL	METALS	1.00	11435009		QT1404.0	8/25/96	0000024044	6/21/96
SC-03515-S	LEAD	9.90		0.14	UG/G	U		EPA CLP	SOIL	METALS	1.00	11435009		QT1404.0	8/25/96	0000024044	6/21/96
SC-03515-S	RADIUM-226	1.40	0.13	0.35	PCI/G	U	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2595		WP0090.0	7/26/96	0000024044	6/21/96
SC-03515-S	RADIUM-228	1.46	0.20	0.78	PCI/G	U	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2595		WP0090.0	7/26/96	0000024044	6/21/96
SC-03515-S	THORIUM-230	1.98	0.59	0.14	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11435009		QT1404.0	8/29/96	0000024044	6/21/96
SC-03515-S	URANIUM-238	ND		4.52	PCI/G	U	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2595		WP0090.0	7/26/96	0000024044	6/21/96
SC-03516-S	URANIUM-238	ND		3.35	PCI/G	U	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2596		WP0090.0	7/26/96	0000024064	6/21/96
SC-03517-C	AROCLOR-1248	ND		43.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11435010	U	QT1404.0	8/26/96	0000024051	6/21/96
SC-03517-C	AROCLOR-1254	ND		43.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11435010	U	QT1404.0	8/26/96	0000024051	6/21/96
SC-03517-C	AROCLOR-1260	ND		43.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11435010	U	QT1404.0	8/26/96	0000024051	6/21/96
SC-03517-C	ARSENIC	10.90		0.52	UG/G	U		EPA CLP	SOIL	METALS	1.00	11435010		QT1404.0	8/25/96	0000024051	6/21/96
SC-03517-C	CHROMIUM	13.90		0.60	UG/G	U		EPA CLP	SOIL	METALS	1.00	11435010		QT1404.0	8/25/96	0000024051	6/21/96
SC-03517-C	LEAD	20.10		0.16	UG/G	U		EPA CLP	SOIL	METALS	1.00	11435010		QT1404.0	8/25/96	0000024051	6/21/96
SC-03517-C	RADIUM-226	0.99	0.09	0.30	PCI/G	U	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2598		WP0090.0	7/26/96	0000024051	6/21/96
SC-03517-C	RADIUM-228	1.18	0.11	0.48	PCI/G	U	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2598		WP0090.0	7/26/96	0000024051	6/21/96
SC-03517-C	THORIUM-230	1.34	0.42	0.14	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11435010		QT1404.0	8/29/96	0000024051	6/21/96
SC-03517-S	AROCLOR-1248	ND		40.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11435011	U	QT1404.0	8/26/96	0000024045	6/21/96
SC-03517-S	AROCLOR-1254	ND		40.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11435011	U	QT1404.0	8/26/96	0000024045	6/21/96
SC-03517-S	AROCLOR-1260	ND		40.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11435011	U	QT1404.0	8/26/96	0000024045	6/21/96
SC-03517-S	ARSENIC	5.20		0.49	UG/G	U		EPA CLP	SOIL	METALS	1.00	11435011		QT1404.0	8/25/96	0000024045	6/21/96
SC-03517-S	CHROMIUM	9.80		0.55	UG/G	U		EPA CLP	SOIL	METALS	1.00	11435011		QT1404.0	8/25/96	0000024045	6/21/96
SC-03517-S	LEAD	9.40		0.14	UG/G	U		EPA CLP	SOIL	METALS	1.00	11435011		QT1404.0	8/25/96	0000024045	6/21/96
SC-03517-S	RADIUM-226	1.07	0.08	0.28	PCI/G	U	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2599		WP0090.0	7/26/96	0000024045	6/21/96
SC-03517-S	RADIUM-228	1.26	0.12	0.36	PCI/G	U	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2599		WP0090.0	7/26/96	0000024045	6/21/96
SC-03517-S	THORIUM-230	1.79	0.57	0.17	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11435011		QT1404.0	8/29/96	0000024045	6/21/96
SC-03517-S	URANIUM-238	ND		2.68	PCI/G	U	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2599		WP0090.0	7/26/96	0000024045	6/21/96
SC-03518-S	AROCLOR-1248	ND		37.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11435012	U	QT1404.0	8/26/96	0000024046	6/21/96
SC-03518-S	AROCLOR-1254	ND		37.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11435012	U	QT1404.0	8/26/96	0000024046	6/21/96
SC-03518-S	AROCLOR-1260	ND		37.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11435012	U	QT1404.0	8/26/96	0000024046	6/21/96
SC-03518-S	ARSENIC	4.40		0.46	UG/G	U		EPA CLP	SOIL	METALS	1.00	11435012		QT1404.0	8/25/96	0000024046	6/21/96
SC-03518-S	CHROMIUM	10.90		0.52	UG/G	U		EPA CLP	SOIL	METALS	1.00	11435012		QT1404.0	8/25/96	0000024046	6/21/96
SC-03518-S	LEAD	10.10		0.13	UG/G	U		EPA CLP	SOIL	METALS	1.00	11435012		QT1404.0	8/25/96	0000024046	6/21/96
SC-03518-S	RADIUM-226	0.96	0.10	0.32	PCI/G	U	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2600		WP0090.0	7/26/96	0000024048	6/21/96
SC-03518-S	RADIUM-228	1.57	0.20	0.55	PCI/G	U	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2600		WP0090.0	7/26/96	0000024048	6/21/96
SC-03518-S	THORIUM-230	0.65	0.24	0.20	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11435012		QT1404.0	8/29/96	0000024046	6/21/96
SC-03518-S	URANIUM-238	ND		4.38	PCI/G	U	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2600		WP0090.0	7/26/96	0000024048	6/21/96
SC-03519-C	AROCLOR-1248	ND		39.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11435013	U	QT1404.0	8/26/96	0000024052	6/21/96
SC-03519-C	AROCLOR-1254	ND		39.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11435013	U	QT1404.0	8/26/96	0000024052	6/21/96
SC-03519-C	AROCLOR-1260	ND		39.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11435013	U	QT1404.0	8/26/96	0000024052	6/21/96
SC-03519-C	ARSENIC	4.50		0.46	UG/G	U		EPA CLP	SOIL	METALS	1.00	11435013		QT1404.0	8/25/96	0000024052	6/21/96
SC-03519-C	CHROMIUM	13.60		0.53	UG/G	U		EPA CLP	SOIL	METALS	1.00	11435013		QT1404.0	8/25/96	0000024052	6/21/96
SC-03519-C	LEAD	9.10		0.14	UG/G	U		EPA CLP	SOIL	METALS	1.00	11435013		QT1404.0	8/25/96	0000024052	6/21/96
SC-03519-C	RADIUM-226	1.27	0.09	0.29	PCI/G	U	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2601		WP0090.0	7/26/96	0000024052	6/21/96
SC-03519-C	RADIUM-228	1.55	0.14	0.33	PCI/G	U	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2601		WP0090.0	7/26/96	0000024052	6/21/96
SC-03519-C	THORIUM-230	2.56	0.67	0.13	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11435013		QT1404.0	8/29/96	0000024052	6/21/96
SC-03519-S	AROCLOR-1248	ND		40.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11435014	U	QT1404.0	8/26/96	0000024047	6/21/96
SC-03519-S	AROCLOR-1254	ND		40.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11435014	U	QT1404.0	8/26/96	0000024047	6/21/96
SC-03519-S	AROCLOR-1260	ND		40.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11435014	U	QT1404.0	8/26/96	0000024047	6/21/96
SC-03519-S	ARSENIC	3.00		0.48	UG/G	U		EPA CLP	SOIL	METALS	1.00	11435014		QT1404.0	8/25/96	0000024047	6/21/96
SC-03519-S	CHROMIUM	9.70		0.56	UG/G	U		EPA CLP	SOIL	METALS	1.00	11435014		QT1404.0	8/25/96	0000024047	6/21/96
SC-03519-S	LEAD	7.20		0.14	UG/G	U		EPA CLP	SOIL	METALS	1.00	11435014		QT1404.0	8/25/96	0000024047	6/21/96
SC-03519-S	RADIUM-226	0.80	0.09	0.30	PCI/G	U	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2602		WP0090.0	7/26/96	0000024047	6/21/96
SC-03519-S	RADIUM-228	1.37	0.13	0.50	PCI/G	U	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2602		WP0090.0	7/26/96	0000024047	6/21/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-03519-S	THORIUM-230	1.17	0.33	0.14	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11435014		QT1404.0	6/29/96	0000024047	6/21/96
SC-03519-S	URANIUM-238	ND		3.01	PCI/G	U	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2602		WP0090.0	7/26/96	0000024047	6/21/96
SC-03520-C	RADIUM-226	1.74	0.15	0.46	PCI/G	"		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3424		WP0131.0	9/30/96	0000024065	6/27/96
SC-03520-C	RADIUM-228	1.34	0.21	0.66	PCI/G	"		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3424		WP0131.0	9/30/96	0000024065	6/27/96
SC-03520-C	THORIUM-230	2.49	0.11	2.27	PCI/G	"		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3424		WP0131.0	9/28/96	0000024065	6/27/96
SC-03520-S	RADIUM-226	1.21	0.10	0.22	PCI/G	"	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2603		WP0090.0	7/26/96	0000024055	6/21/96
SC-03520-S	RADIUM-228	1.38	0.17	0.54	PCI/G	"	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2603		WP0090.0	7/26/96	0000024055	6/21/96
SC-03520-S	THORIUM-230	1.84	0.53	0.15	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11435015		QT1404.0	6/29/96	0000024055	6/21/96
SC-03520-S	URANIUM-238	2.30	0.63	2.32	PCI/G	"	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2603		WP0090.0	7/26/96	0000024055	6/21/96
SC-03521-S	AROCLOR-1248	ND		42.00	UG/KG	"		EPA 8080A	SOIL	PEST/PCBS	1.00	11340022	U	QT1389.0	6/14/96	0000024054	6/12/96
SC-03521-S	AROCLOR-1254	ND		42.00	UG/KG	"		EPA 8080A	SOIL	PEST/PCBS	1.00	11340022	U	QT1389.0	6/14/96	0000024054	6/12/96
SC-03521-S	AROCLOR-1260	ND		42.00	UG/KG	"		EPA 8080A	SOIL	PEST/PCBS	1.00	11340022	U	QT1389.0	6/14/96	0000024054	6/12/96
SC-03521-S	RADIUM-226	1.18	0.09	0.31	PCI/G	"	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2505		WP0086.0	7/15/96	0000024054	6/12/96
SC-03521-S	RADIUM-228	1.66	0.15	0.27	PCI/G	"	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2505		WP0086.0	7/15/96	0000024054	6/12/96
SC-03521-S	URANIUM-238	ND		3.16	PCI/G	"	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2505		WP0086.0	7/15/96	0000024054	6/12/96
SC-03522-S	RADIUM-226	1.30	0.12	0.38	PCI/G	"	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2506		WP0086.0	7/15/96	0000024060	6/12/96
SC-03522-S	RADIUM-228	ND		1.34	PCI/G	"	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2506		WP0086.0	7/15/96	0000024060	6/12/96
SC-03522-S	URANIUM-238	ND		4.37	PCI/G	"	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2506		WP0086.0	7/15/96	0000024060	6/12/96
SC-03523-S	RADIUM-226	1.41	0.10	0.26	PCI/G	"	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2507		WP0086.0	7/15/96	0000024056	6/12/96
SC-03523-S	RADIUM-228	1.38	0.14	0.51	PCI/G	"	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2507		WP0086.0	7/15/96	0000024056	6/12/96
SC-03523-S	THORIUM-230	4.35	0.95	0.15	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11340015		QT1389.0	6/14/96	0000024058	6/12/96
SC-03523-S	URANIUM-238	ND		3.24	PCI/G	"	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2507		WP0086.0	7/15/96	0000024056	6/12/96
SC-03524-S	RADIUM-226	1.62	0.14	0.46	PCI/G	"	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2508		WP0086.0	7/15/96	0000024057	6/12/96
SC-03524-S	RADIUM-228	2.16	0.25	0.72	PCI/G	"	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2508		WP0086.0	7/15/96	0000024057	6/12/96
SC-03524-S	THORIUM-230	9.51	1.88	0.09	PCI/G	J		NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11340016		QT1389.0	6/14/96	0000024057	6/12/96
SC-03524-S	URANIUM-238	4.09	1.21	3.33	PCI/G	"	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2508		WP0086.0	7/15/96	0000024057	6/12/96
SC-03524-S-RS	THORIUM-230	1.12	0.12	0.02	PCI/G	"		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7348-5		LK0421.0	9/30/96	0000028349	6/28/96
SC-03601-S	RADIUM-226	1.34	0.13	0.40	PCI/G	"	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2509		WP0086.0	7/15/96	0000024234	6/12/96
SC-03601-S	RADIUM-228	2.09	0.20	0.66	PCI/G	"	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2509		WP0086.0	7/15/96	0000024234	6/12/96
SC-03601-S	URANIUM-238	3.60	1.25	4.56	PCI/G	"	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2509		WP0086.0	7/16/96	0000024234	6/12/96
SC-03602-S	AROCLOR-1248	ND		41.00	UG/KG	"		EPA 8080A	SOIL	PEST/PCBS	1.00	11737001	U	QT1438.0	8/8/96	0000024235	8/6/96
SC-03602-S	AROCLOR-1254	ND		41.00	UG/KG	"		EPA 8080A	SOIL	PEST/PCBS	1.00	11737001	U	QT1438.0	8/8/96	0000024235	8/6/96
SC-03602-S	AROCLOR-1260	ND		41.00	UG/KG	"		EPA 8080A	SOIL	PEST/PCBS	1.00	11737001	U	QT1438.0	8/8/96	0000024235	8/6/96
SC-03602-S	ARSENIC	2.70		0.49	UG/G	"		EPA CLP	SOIL	METALS	1.00	11737001		QT1438.0	8/7/96	0000024235	8/6/96
SC-03602-S	CHROMIUM	10.10		0.68	UG/G	"		EPA CLP	SOIL	METALS	1.00	11737001		QT1438.0	8/7/96	0000024235	8/6/96
SC-03602-S	LEAD	6.00		0.34	UG/G	"		EPA CLP	SOIL	METALS	1.00	11737001		QT1438.0	8/7/96	0000024235	8/6/96
SC-03602-S	RADIUM-226	1.27	0.13	0.35	PCI/G	"		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3048		WP0112.0	9/9/96	0000024235	8/6/96
SC-03602-S	RADIUM-228	1.12	0.16	0.64	PCI/G	"		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3048		WP0112.0	9/9/96	0000024235	8/6/96
SC-03602-S	THALLIUM	1.40		0.78	UG/G	"		EPA CLP	SOIL	METALS	1.00	11737001	B	QT1438.0	8/7/96	0000024235	8/6/96
SC-03602-S	THORIUM-230	2.34	0.08	2.27	PCI/G	"		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3048		WP0112.0	9/9/96	0000024235	8/6/96
SC-03602-S	URANIUM-238	4.35	1.29	3.58	PCI/G	"		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3048		WP0112.0	9/9/96	0000024235	8/6/96
SC-03603-S	URANIUM-238	8.73	1.01	2.64	PCI/G	"		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3049		WP0112.0	8/7/96	0000024236	8/6/96
SC-03604-S	AROCLOR-1248	ND		40.00	UG/KG	"		EPA 8080A	SOIL	PEST/PCBS	1.00	11737002	U	QT1438.0	8/8/96	0000024237	8/6/96
SC-03604-S	AROCLOR-1254	ND		40.00	UG/KG	"		EPA 8080A	SOIL	PEST/PCBS	1.00	11737002	U	QT1438.0	8/8/96	0000024237	8/6/96
SC-03604-S	AROCLOR-1260	ND		40.00	UG/KG	"		EPA 8080A	SOIL	PEST/PCBS	1.00	11737002	U	QT1438.0	8/8/96	0000024237	8/6/96
SC-03604-S	ARSENIC	7.20		0.48	UG/G	"		EPA CLP	SOIL	METALS	1.00	11737002		QT1438.0	8/7/96	0000024237	8/6/96
SC-03604-S	CHROMIUM	15.70		0.55	UG/G	"		EPA CLP	SOIL	METALS	1.00	11737002		QT1438.0	8/7/96	0000024237	8/6/96
SC-03604-S	LEAD	13.40		0.34	UG/G	"		EPA CLP	SOIL	METALS	1.00	11737002		QT1438.0	8/7/96	0000024237	8/6/96
SC-03604-S	RADIUM-226	1.80	0.11	0.37	PCI/G	"		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3050		WP0112.0	9/9/96	0000024237	8/6/96
SC-03604-S	RADIUM-228	1.27	0.13	0.48	PCI/G	"		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3050		WP0112.0	9/9/96	0000024237	8/6/96
SC-03604-S	THALLIUM	0.91		0.77	UG/G	"		EPA CLP	SOIL	METALS	1.00	11737002	B	QT1438.0	8/7/96	0000024237	8/6/96
SC-03604-S	THORIUM-230	3.28	0.19	2.27	PCI/G	"		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3050		WP0112.0	9/9/96	0000024237	8/6/96
SC-03604-S	URANIUM-238	9.71	1.47	4.27	PCI/G	"		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3050		WP0112.0	9/9/96	0000024237	8/6/96
SC-03605-S	URANIUM-238	4.35	0.86	2.74	PCI/G	"	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2510		WP0086.0	7/15/96	0000024238	6/12/96
SC-03605-S-HS01-RS	RADIUM-226	1.15	0.09	0.35	PCI/G	"		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2808		WP0101.0	8/19/96	0000028857	7/17/96
SC-03605-S-HS01-RS	RADIUM-228	1.67	0.18	0.48	PCI/G	"		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2808		WP0101.0	8/19/96	0000028857	7/17/96
SC-03605-S-HS01-RS	URANIUM-238	15.40	1.97	3.69	PCI/G	"		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2808		WP0101.0	8/19/96	0000028857	7/17/96
SC-03606-S	AROCLOR-1248	ND		41.00	UG/KG	"		EPA 8080A	SOIL	PEST/PCBS	1.00	11737003	U	QT1438.0	8/8/96	0000024239	8/6/96
SC-03606-S	AROCLOR-1254	ND		41.00	UG/KG	"		EPA 8080A	SOIL	PEST/PCBS	1.00	11737003	U	QT1438.0	8/8/96	0000024239	8/6/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-03606-S	AROCLOR-1260	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11737003	U	QT1436.0	8/8/96	0000024239	8/6/96
SC-03606-S	ARSENIC	3.80		0.49	UG/G	*		EPA CLP	SOIL	METALS	1.00	11737003		QT1436.0	8/7/96	0000024239	8/6/96
SC-03606-S	CHROMIUM	10.70		0.57	UG/G	*		EPA CLP	SOIL	METALS	1.00	11737003		QT1436.0	8/7/96	0000024239	8/6/96
SC-03606-S	LEAD	9.30		0.34	UG/G	*		EPA CLP	SOIL	METALS	1.00	11737003		QT1436.0	8/7/96	0000024239	8/6/96
SC-03606-S	RADIUM-226	1.07	0.11	0.31	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3051		WP0112.0	9/9/96	0000024239	8/6/96
SC-03606-S	RADIUM-228	ND		1.32	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3051		WP0112.0	9/9/96	0000024239	8/6/96
SC-03606-S	THALLIUM	1.30		0.79	UG/G	*		EPA CLP	SOIL	METALS	1.00	11737003	B	QT1436.0	8/7/96	0000024239	8/6/96
SC-03606-S	THORIUM-230	2.38	0.10	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3051		WP0112.0	9/9/96	0000024239	8/6/96
SC-03606-S	URANIUM-238	ND		4.14	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3051		WP0112.0	9/9/96	0000024239	8/6/96
SC-03607-S	URANIUM-238	ND		3.92	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3052		WP0112.0	8/7/96	0000024240	8/6/96
SC-03608-S	AROCLOR-1248	ND		37.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11737004	U	QT1436.0	8/8/96	0000024241	8/6/96
SC-03608-S	AROCLOR-1254	ND		37.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11737004	U	QT1436.0	8/8/96	0000024241	8/6/96
SC-03608-S	AROCLOR-1260	ND		37.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11737004	U	QT1436.0	8/8/96	0000024241	8/6/96
SC-03608-S	ARSENIC	7.10		0.45	UG/G	*		EPA CLP	SOIL	METALS	1.00	11737004		QT1436.0	8/7/96	0000024241	8/6/96
SC-03608-S	CHROMIUM	14.70		0.52	UG/G	*		EPA CLP	SOIL	METALS	1.00	11737004		QT1436.0	8/7/96	0000024241	8/6/96
SC-03608-S	LEAD	16.20		0.32	UG/G	*		EPA CLP	SOIL	METALS	1.00	11737004		QT1436.0	8/7/96	0000024241	8/6/96
SC-03608-S	RADIUM-226	1.30	0.10	0.28	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3053		WP0112.0	9/9/96	0000024241	8/6/96
SC-03608-S	RADIUM-228	1.27	0.14	0.39	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3053		WP0112.0	9/9/96	0000024241	8/6/96
SC-03608-S	THALLIUM	0.77		0.72	UG/G	*		EPA CLP	SOIL	METALS	1.00	11737004	B	QT1436.0	8/7/96	0000024241	8/6/96
SC-03608-S	THORIUM-230	2.62	0.12	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3053		WP0112.0	9/9/96	0000024241	8/6/96
SC-03608-S	URANIUM-238	9.11	1.22	2.26	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3053		WP0112.0	9/9/96	0000024241	8/6/96
SC-03609-S	URANIUM-238	ND		3.11	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2383		WP0080.0	7/8/96	0000024242	8/4/96
SC-03610-S	AROCLOR-1248	ND		38.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11737005	U	QT1436.0	8/8/96	0000024243	8/6/96
SC-03610-S	AROCLOR-1254	ND		38.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11737005	U	QT1436.0	8/8/96	0000024243	8/6/96
SC-03610-S	AROCLOR-1260	ND		38.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11737005	U	QT1436.0	8/8/96	0000024243	8/6/96
SC-03610-S	ARSENIC	4.50		0.46	UG/G	*		EPA CLP	SOIL	METALS	1.00	11737005		QT1436.0	8/7/96	0000024243	8/6/96
SC-03610-S	CHROMIUM	10.60		0.53	UG/G	*		EPA CLP	SOIL	METALS	1.00	11737005		QT1436.0	8/7/96	0000024243	8/6/96
SC-03610-S	LEAD	11.80		0.33	UG/G	*		EPA CLP	SOIL	METALS	1.00	11737005		QT1436.0	8/7/96	0000024243	8/6/96
SC-03610-S	RADIUM-226	1.34	0.12	0.34	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3054		WP0112.0	9/9/96	0000024243	8/6/96
SC-03610-S	RADIUM-228	1.01	0.16	0.48	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3054		WP0112.0	9/9/96	0000024243	8/6/96
SC-03610-S	THALLIUM	1.40		0.74	UG/G	*		EPA CLP	SOIL	METALS	1.00	11737005	B	QT1436.0	8/7/96	0000024243	8/6/96
SC-03610-S	THORIUM-230	2.61	0.12	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3054		WP0112.0	9/9/96	0000024243	8/6/96
SC-03610-S	URANIUM-238	5.60	1.38	3.42	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3054		WP0112.0	9/9/96	0000024243	8/6/96
SC-03611-S	URANIUM-235	ND		4.36	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3055		WP0112.0	8/7/96	0000024244	8/6/96
SC-03612-S	AROCLOR-1248	ND		38.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11737006	U	QT1436.0	8/8/96	0000024245	8/6/96
SC-03612-S	AROCLOR-1254	ND		38.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11737006	U	QT1436.0	8/8/96	0000024245	8/6/96
SC-03612-S	AROCLOR-1260	ND		38.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11737006	U	QT1436.0	8/8/96	0000024245	8/6/96
SC-03612-S	ARSENIC	3.70		0.46	UG/G	*		EPA CLP	SOIL	METALS	1.00	11737006		QT1436.0	8/7/96	0000024245	8/6/96
SC-03612-S	CHROMIUM	10.00		0.52	UG/G	*		EPA CLP	SOIL	METALS	1.00	11737006		QT1436.0	8/7/96	0000024245	8/6/96
SC-03612-S	LEAD	10.50		0.32	UG/G	*		EPA CLP	SOIL	METALS	1.00	11737006		QT1436.0	8/7/96	0000024245	8/6/96
SC-03612-S	RADIUM-226	1.39	0.10	0.20	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3056		WP0112.0	9/9/96	0000024245	8/6/96
SC-03612-S	RADIUM-228	1.49	0.14	0.49	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3056		WP0112.0	9/9/96	0000024245	8/6/96
SC-03612-S	THALLIUM	1.00		0.73	UG/G	*		EPA CLP	SOIL	METALS	1.00	11737006	B	QT1436.0	8/7/96	0000024245	8/6/96
SC-03612-S	THORIUM-230	2.26	0.06	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3056		WP0112.0	9/9/96	0000024245	8/6/96
SC-03612-S	URANIUM-238	ND		3.12	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3056		WP0112.0	9/9/96	0000024245	8/6/96
SC-03613-S	URANIUM-235	ND		3.97	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2384		WP0080.0	7/8/96	0000024246	8/4/96
SC-03614-S	AROCLOR-1248	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11737007	U	QT1436.0	8/8/96	0000024247	8/6/96
SC-03614-S	AROCLOR-1254	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11737007	U	QT1436.0	8/8/96	0000024247	8/6/96
SC-03614-S	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11737007	U	QT1436.0	8/8/96	0000024247	8/6/96
SC-03614-S	ARSENIC	5.20		0.49	UG/G	*		EPA CLP	SOIL	METALS	1.00	11737007		QT1436.0	8/7/96	0000024247	8/6/96
SC-03614-S	CHROMIUM	14.50		0.56	UG/G	*		EPA CLP	SOIL	METALS	1.00	11737007		QT1436.0	8/7/96	0000024247	8/6/96
SC-03614-S	LEAD	11.40		0.34	UG/G	*		EPA CLP	SOIL	METALS	1.00	11737007		QT1436.0	8/7/96	0000024247	8/6/96
SC-03614-S	RADIUM-226	1.35	0.13	0.33	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3057		WP0112.0	9/10/96	0000024247	8/6/96
SC-03614-S	RADIUM-228	1.28	0.19	0.59	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3057		WP0112.0	9/10/96	0000024247	8/6/96
SC-03614-S	THALLIUM	1.70		0.78	UG/G	*		EPA CLP	SOIL	METALS	1.00	11737007	B	QT1436.0	8/7/96	0000024247	8/6/96
SC-03614-S	THORIUM-230	2.32	0.07	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3057		WP0112.0	9/10/96	0000024247	8/6/96
SC-03614-S	URANIUM-238	ND		3.85	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3057		WP0112.0	8/7/96	0000024248	8/6/96
SC-03614-S	URANIUM-238	ND		4.14	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3056		WP0112.0	8/7/96	0000024249	8/6/96
SC-03615-S	AROCLOR-1248	ND		38.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11737008	U	QT1436.0	8/8/96	0000024249	8/6/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-03616-S	AROCLOR-1254	ND		38.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11737008	U	QT1436.0	8/8/96	0000024249	8/6/96
SC-03616-S	AROCLOR-1260	ND		38.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11737008	U	QT1436.0	8/8/96	0000024249	8/6/96
SC-03616-S	ARSENIC	7.80		0.46	UG/G	*		EPA CLP	SOIL	METALS	1.00	11737008		QT1436.0	8/7/96	0000024249	8/6/96
SC-03616-S	CHROMIUM	13.40		0.53	UG/G	*		EPA CLP	SOIL	METALS	1.00	11737008		QT1436.0	8/7/96	0000024249	8/6/96
SC-03616-S	LEAD	14.30		0.32	UG/G	*		EPA CLP	SOIL	METALS	1.00	11737008		QT1436.0	8/7/96	0000024249	8/6/96
SC-03616-S	RADIUM-226	1.22	0.09	0.31	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3059		WP0112.0	9/10/96	0000024249	8/6/96
SC-03616-S	RADIUM-228	1.29	0.13	0.47	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3059		WP0112.0	9/10/96	0000024249	8/6/96
SC-03616-S	THALLIUM	1.30		0.74	UG/G	*		EPA CLP	SOIL	METALS	1.00	11737008	B	QT1436.0	8/7/96	0000024249	8/6/96
SC-03616-S	THORIUM-230	2.38	0.07	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3059		WP0112.0	8/8/96	0000024249	8/6/96
SC-03616-S	URANIUM-236	ND		3.29	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3059		WP0112.0	9/10/96	0000024249	8/6/96
SC-03617-S	URANIUM-238	ND		3.29	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2386		WP0080.0	7/8/96	0000024250	8/4/96
SC-03618-S	AROCLOR-1248	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11726007	U	QT1436.0	8/6/96	0000024251	8/2/96
SC-03618-S	AROCLOR-1254	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11726007	U	QT1436.0	8/6/96	0000024251	8/2/96
SC-03618-S	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11726007	U	QT1436.0	8/6/96	0000024251	8/2/96
SC-03618-S	ARSENIC	5.30		0.48	UG/G	*		EPA CLP	SOIL	METALS	1.00	11726007		QT1436.0	8/7/96	0000024251	8/2/96
SC-03618-S	CHROMIUM	13.30		0.55	UG/G	*		EPA CLP	SOIL	METALS	1.00	11726007		QT1436.0	8/7/96	0000024251	8/2/96
SC-03618-S	LEAD	14.40		0.33	UG/G	*		EPA CLP	SOIL	METALS	1.00	11726007		QT1436.0	8/7/96	0000024251	8/2/96
SC-03618-S	RADIUM-226	1.34	0.14	0.45	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3045		WP0111.0	9/9/96	0000024251	8/2/96
SC-03618-S	RADIUM-228	1.23	0.21	0.84	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3045		WP0111.0	9/9/96	0000024251	8/2/96
SC-03618-S	THALLIUM	0.87		0.77	UG/G	*		EPA CLP	SOIL	METALS	1.00	11613001	B	QT1436.1	8/7/96	0000024251	8/2/96
SC-03618-S	THORIUM-230	2.67	0.16	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3045		WP0111.0	8/7/96	0000024251	8/2/96
SC-03618-S	URANIUM-236	ND		4.10	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3045		WP0111.0	9/9/96	0000024251	8/2/96
SC-03619-S	URANIUM-238	ND		4.47	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3046		WP0111.0	8/6/96	0000024252	8/2/96
SC-03620-S	AROCLOR-1248	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11726008	U	QT1436.0	8/6/96	0000024253	8/2/96
SC-03620-S	AROCLOR-1254	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11726008	U	QT1436.0	8/6/96	0000024253	8/2/96
SC-03620-S	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11726008	U	QT1436.0	8/6/96	0000024253	8/2/96
SC-03620-S	ARSENIC	7.80		0.49	UG/G	*		EPA CLP	SOIL	METALS	1.00	11726008		QT1436.0	8/7/96	0000024253	8/2/96
SC-03620-S	CHROMIUM	14.90		0.57	UG/G	*		EPA CLP	SOIL	METALS	1.00	11726008		QT1436.0	8/7/96	0000024253	8/2/96
SC-03620-S	LEAD	13.30		0.34	UG/G	*		EPA CLP	SOIL	METALS	1.00	11726008		QT1436.0	8/7/96	0000024253	8/2/96
SC-03620-S	RADIUM-226	1.18	0.10	0.32	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3047		WP0111.0	9/9/96	0000024253	8/2/96
SC-03620-S	RADIUM-228	1.37	0.15	0.47	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3047		WP0111.0	9/9/96	0000024253	8/2/96
SC-03620-S	THALLIUM	1.30		0.79	UG/G	*		EPA CLP	SOIL	METALS	1.00	11613002	B	QT1436.1	8/7/96	0000024253	8/2/96
SC-03620-S	THORIUM-230	2.58	0.10	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3047		WP0111.0	8/7/96	0000024253	8/2/96
SC-03620-S	URANIUM-238	ND		3.25	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3047		WP0111.0	8/8/96	0000024253	8/2/96
SC-03701-C	RADIUM-226	1.57	0.13	0.36	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3093		WP0114.0	9/16/96	0000024254	8/7/96
SC-03701-C*	RADIUM-228	1.28	0.18	0.73	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3093		WP0114.0	9/16/96	0000024254	8/7/96
SC-03701-S	AROCLOR-1248	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11751001	U	QT1440.0	8/9/96	0000024255	8/7/96
SC-03701-S	AROCLOR-1254	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11751001	U	QT1440.0	8/9/96	0000024255	8/7/96
SC-03701-S	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11751001	U	QT1440.0	8/9/96	0000024255	8/7/96
SC-03701-S	ARSENIC	5.90		0.48	UG/G	*		EPA CLP	SOIL	METALS	1.00	11751001		QT1440.0	8/9/96	0000024255	8/7/96
SC-03701-S	CHROMIUM	9.80		0.56	UG/G	*		EPA CLP	SOIL	METALS	1.00	11751001		QT1440.0	8/9/96	0000024255	8/7/96
SC-03701-S	LEAD	12.30		0.34	UG/G	*		EPA CLP	SOIL	METALS	1.00	11751001		QT1440.0	8/9/96	0000024255	8/7/96
SC-03701-S	RADIUM-226	1.37	0.10	0.29	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3094		WP0114.0	9/16/96	0000024255	8/7/96
SC-03701-S	RADIUM-228	1.24	0.12	0.35	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3094		WP0114.0	9/16/96	0000024255	8/7/96
SC-03701-S	THALLIUM	2.00		0.78	UG/G	*		EPA CLP	SOIL	METALS	1.00	11751001	B	QT1440.0	8/9/96	0000024255	8/7/96
SC-03701-S	THORIUM-230	2.75	0.01	2.27	PCI/G	J		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3094		WP0114.0	8/8/96	0000024255	8/7/96
SC-03701-S	URANIUM-238	ND		2.90	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3094		WP0114.0	9/16/96	0000024255	8/7/96
SC-03702-S	RADIUM-226	1.14	0.12	0.41	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3095		WP0114.0	9/16/96	0000024256	8/7/96
SC-03702-S	RADIUM-228	ND		1.03	PCI/G	U	+	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3095		WP0114.0	9/16/96	0000024256	8/7/96
SC-03702-S	URANIUM-238	10.20	1.74	4.15	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3095		WP0114.0	9/16/96	0000024256	8/7/96
SC-03703-S	AROCLOR-1248	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11751002	U	QT1440.0	8/9/96	0000024257	8/7/96
SC-03703-S	AROCLOR-1254	130.00		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11751002		QT1440.0	8/9/96	0000024257	8/7/96
SC-03703-S	AROCLOR-1260	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11751002	U	QT1440.0	8/9/96	0000024257	8/7/96
SC-03703-S	ARSENIC	5.70		0.51	UG/G	*		EPA CLP	SOIL	METALS	1.00	11751002		QT1440.0	8/9/96	0000024257	8/7/96
SC-03703-S	CHROMIUM	10.60		0.59	UG/G	*		EPA CLP	SOIL	METALS	1.00	11751002		QT1440.0	8/9/96	0000024257	8/7/96
SC-03703-S	LEAD	22.70		0.36	UG/G	*		EPA CLP	SOIL	METALS	1.00	11751002		QT1440.0	8/9/96	0000024257	8/7/96
SC-03703-S	RADIUM-226	1.20	0.09	0.35	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3096		WP0114.0	9/16/96	0000024257	8/7/96
SC-03703-S	RADIUM-228	0.83	0.11	0.38	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3096		WP0114.0	9/16/96	0000024257	8/7/96
SC-03703-S	THALLIUM	1.40		0.82	UG/G	*		EPA CLP	SOIL	METALS	1.00	11751002	B	QT1440.0	8/9/96	0000024257	8/7/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB RECU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-03703-S	THORIUM-230	2.32	0.90	2.27	PCI/G	J		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3096		WP0114.0	8/11/96	0000024257	8/7/96
SC-03703-S	URANIUM-238	ND		2.95	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3096		WP0114.0	9/16/96	0000024257	8/7/96
SC-03704-S	AROCLOR-1248	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11751003	U	QT1440.0	8/9/96	0000024258	8/7/96
SC-03704-S	AROCLOR-1254	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11751003	U	QT1440.0	8/9/96	0000024258	8/7/96
SC-03704-S	AROCLOR-1260	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11751003	U	QT1440.0	8/9/96	0000024258	8/7/96
SC-03704-S	ARSENIC	9.80		0.50	UG/G	*		EPA CLP	SOIL	METALS	1.00	11751003		QT1440.0	8/9/96	0000024258	8/7/96
SC-03704-S	CHROMIUM	12.90		0.58	UG/G	*		EPA CLP	SOIL	METALS	1.00	11751003		QT1440.0	8/9/96	0000024258	8/7/96
SC-03704-S	LEAD	26.30		0.35	UG/G	*		EPA CLP	SOIL	METALS	1.00	11751003		QT1440.0	8/9/96	0000024258	8/7/96
SC-03704-S	RADIUM-226	1.70	0.14	0.34	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3097		WP0114.0	8/16/96	0000024258	8/7/96
SC-03704-S	RADIUM-228	ND		1.24	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3097		WP0114.0	9/16/96	0000024258	8/7/96
SC-03704-S	THALLIUM	2.20		0.80	UG/G	*		EPA CLP	SOIL	METALS	1.00	11751003	B	QT1440.0	8/9/96	0000024258	8/7/96
SC-03704-S	THORIUM-230	2.60	0.90	2.27	PCI/G	J		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3097		WP0114.0	8/11/96	0000024258	8/7/96
SC-03704-S	URANIUM-238	ND		4.01	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3097		WP0114.0	9/16/96	0000024258	8/7/96
SC-03705-S	AROCLOR-1248	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11751004	U	QT1440.0	8/9/96	0000024259	8/7/96
SC-03705-S	AROCLOR-1254	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11751004	U	QT1440.0	8/9/96	0000024259	8/7/96
SC-03705-S	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11751004	U	QT1440.0	8/9/96	0000024259	8/7/96
SC-03705-S	ARSENIC	13.50		0.49	UG/G	*		EPA CLP	SOIL	METALS	1.00	11751004		QT1440.0	8/9/96	0000024259	8/7/96
SC-03705-S	CHROMIUM	15.50		0.56	UG/G	*		EPA CLP	SOIL	METALS	1.00	11751004		QT1440.0	8/9/96	0000024259	8/7/96
SC-03705-S	LEAD	19.10		0.34	UG/G	*		EPA CLP	SOIL	METALS	1.00	11751004		QT1440.0	8/9/96	0000024259	8/7/96
SC-03705-S	RADIUM-226	1.64	0.11	0.32	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3099		WP0114.0	9/16/96	0000024259	8/7/96
SC-03705-S	RADIUM-228	1.36	0.15	0.43	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3099		WP0114.0	9/16/96	0000024259	8/7/96
SC-03705-S	THALLIUM	1.70		0.79	UG/G	*		EPA CLP	SOIL	METALS	1.00	11751004	B	QT1440.0	8/9/96	0000024259	8/7/96
SC-03705-S	THORIUM-230	2.53	0.91	2.27	PCI/G	J		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3099		WP0114.0	8/11/96	0000024259	8/7/96
SC-03705-S	URANIUM-238	ND		3.19	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3099		WP0114.0	9/16/96	0000024259	8/7/96
SC-03706-S	URANIUM-238	6.93	1.51	4.67	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3100		WP0114.0	9/9/96	0000024260	8/7/96
SC-03707-S	URANIUM-238	7.08	1.05	2.45	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3101		WP0114.0	9/9/96	0000024261	8/7/96
SC-03708-S	AROCLOR-1248	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11751005	U	QT1440.0	8/9/96	0000024262	8/7/96
SC-03708-S	AROCLOR-1254	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11751005	U	QT1440.0	8/9/96	0000024262	8/7/96
SC-03708-S	AROCLOR-1260	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11751005	U	QT1440.0	8/9/96	0000024262	8/7/96
SC-03708-S	ARSENIC	8.40		0.50	UG/G	*		EPA CLP	SOIL	METALS	1.00	11751005		QT1440.0	8/9/96	0000024262	8/7/96
SC-03708-S	CHROMIUM	13.00		0.58	UG/G	*		EPA CLP	SOIL	METALS	1.00	11751005		QT1440.0	8/9/96	0000024262	8/7/96
SC-03708-S	LEAD	14.50		0.35	UG/G	*		EPA CLP	SOIL	METALS	1.00	11751005		QT1440.0	8/9/96	0000024262	8/7/96
SC-03708-S	RADIUM-226	1.39	0.13	0.35	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3102		WP0114.0	9/16/96	0000024262	8/7/96
SC-03708-S	RADIUM-228	1.31	0.19	0.45	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3102		WP0114.0	9/16/96	0000024262	8/7/96
SC-03708-S	THALLIUM	1.70		0.81	UG/G	*		EPA CLP	SOIL	METALS	1.00	11751005	B	QT1440.0	8/9/96	0000024262	8/7/96
SC-03708-S	THORIUM-230	2.36	0.00	2.27	PCI/G	J		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3102		WP0114.0	8/11/96	0000024262	8/7/96
SC-03708-S	URANIUM-238	2.07	0.87	2.61	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3102		WP0114.0	9/16/96	0000024262	8/7/96
SC-03709-S	URANIUM-238	ND		4.27	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3103		WP0114.0	9/9/96	0000024263	8/7/96
SC-03710-S	URANIUM-238	4.09	1.32	4.45	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3104		WP0114.0	9/16/96	0000024264	8/7/96
SC-03711-S	AROCLOR-1248	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11751006	U	QT1440.0	8/9/96	0000024265	8/7/96
SC-03711-S	AROCLOR-1254	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11751006	U	QT1440.0	8/9/96	0000024265	8/7/96
SC-03711-S	AROCLOR-1260	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11751006	U	QT1440.0	8/9/96	0000024265	8/7/96
SC-03711-S	ARSENIC	1.80		0.48	UG/G	*		EPA CLP	SOIL	METALS	1.00	11751006	B	QT1440.0	8/9/96	0000024265	8/7/96
SC-03711-S	CHROMIUM	14.10		0.55	UG/G	*		EPA CLP	SOIL	METALS	1.00	11751006		QT1440.0	8/9/96	0000024265	8/7/96
SC-03711-S	LEAD	9.80		0.33	UG/G	*		EPA CLP	SOIL	METALS	1.00	11751006		QT1440.0	8/9/96	0000024265	8/7/96
SC-03711-S	RADIUM-226	1.16	0.09	0.23	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3105		WP0114.0	8/16/96	0000024265	8/7/96
SC-03711-S	RADIUM-228	1.39	0.13	0.42	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3105		WP0114.0	9/16/96	0000024265	8/7/96
SC-03711-S	THALLIUM	0.82		0.76	UG/G	*		EPA CLP	SOIL	METALS	1.00	11751006	B	QT1440.0	8/9/96	0000024265	8/7/96
SC-03711-S	THORIUM-230	2.33	0.00	2.27	PCI/G	J	-	EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3105		WP0114.0	8/11/96	0000024265	8/7/96
SC-03711-S	URANIUM-238	ND		3.01	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3105		WP0114.0	9/16/96	0000024265	8/7/96
SC-03712-S	AROCLOR-1248	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11751007	U	QT1440.0	8/9/96	0000024266	8/7/96
SC-03712-S	AROCLOR-1254	72.00		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11751007		QT1440.0	8/9/96	0000024266	8/7/96
SC-03712-S	AROCLOR-1260	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11751007	U	QT1440.0	8/9/96	0000024266	8/7/96
SC-03712-S	ARSENIC	7.70		0.47	UG/G	*		EPA CLP	SOIL	METALS	1.00	11751007		QT1440.0	8/9/96	0000024266	8/7/96
SC-03712-S	CHROMIUM	12.00		0.54	UG/G	*		EPA CLP	SOIL	METALS	1.00	11751007		QT1440.0	8/9/96	0000024266	8/7/96
SC-03712-S	LEAD	13.90		0.33	UG/G	*		EPA CLP	SOIL	METALS	1.00	11751007		QT1440.0	8/9/96	0000024266	8/7/96
SC-03712-S	RADIUM-226	1.36	0.10	0.29	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3106		WP0114.0	9/16/96	0000024266	8/7/96
SC-03712-S	RADIUM-228	1.26	0.13	0.51	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3106		WP0114.0	9/16/96	0000024266	8/7/96
SC-03712-S	THALLIUM	1.40		0.76	UG/G	*		EPA CLP	SOIL	METALS	1.00	11751007	B	QT1440.0	8/9/96	0000024266	8/7/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLNK	DATE SAMPLED
SC-03712-S	THORIUM-230	2.52	0.01	2.27	PCI/G	J		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3106		WP0114.0	9/11/96	0000024266	8/7/96
SC-03712-S	URANIUM-238	ND		3.22	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3106		WP0114.0	9/16/96	0000024266	8/7/96
SC-03713-S	AROCLOR-1248	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11751008	U	QT1440.0	8/8/96	0000024267	8/7/96
SC-03713-S	AROCLOR-1254	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11751008	U	QT1440.0	8/8/96	0000024267	8/7/96
SC-03713-S	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11751008	U	QT1440.0	8/8/96	0000024267	8/7/96
SC-03713-S	ARSENIC	4.90		0.49	UG/G	*		EPA CLP	SOIL	METALS	1.00	11751008		QT1440.0	8/8/96	0000024267	8/7/96
SC-03713-S	CHROMIUM	10.80		0.56	UG/G	*		EPA CLP	SOIL	METALS	1.00	11751008		QT1440.0	8/8/96	0000024267	8/7/96
SC-03713-S	LEAD	10.10		0.34	UG/G	*		EPA CLP	SOIL	METALS	1.00	11751008		QT1440.0	8/8/96	0000024267	8/7/96
SC-03713-S	RADIUM-226	1.42	0.13	0.35	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3107		WP0114.0	9/16/96	0000024267	8/7/96
SC-03713-S	RADIUM-228	ND		1.24	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3107		WP0114.0	9/16/96	0000024267	8/7/96
SC-03713-S	THALLIUM	0.92		0.78	UG/G	*		EPA CLP	SOIL	METALS	1.00	11751008	B	QT1440.0	8/8/96	0000024267	8/7/96
SC-03713-S	THORIUM-230	2.34	0.00	2.27	PCI/G	J		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3107		WP0114.0	9/11/96	0000024267	8/7/96
SC-03713-S	URANIUM-238	ND		4.07	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3107		WP0114.0	9/16/96	0000024267	8/7/96
SC-03714-S	AROCLOR-1248	ND		38.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11751010	U	QT1440.0	8/8/96	0000024268	8/7/96
SC-03714-S	AROCLOR-1254	560.00		38.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11751010		QT1440.0	8/8/96	0000024268	8/7/96
SC-03714-S	AROCLOR-1260	ND		38.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11751010	U	QT1440.0	8/8/96	0000024268	8/7/96
SC-03714-S	ARSENIC	8.90		0.47	UG/G	*		EPA CLP	SOIL	METALS	1.00	11751010		QT1440.0	8/8/96	0000024268	8/7/96
SC-03714-S	CHROMIUM	14.80		0.54	UG/G	*		EPA CLP	SOIL	METALS	1.00	11751010		QT1440.0	8/8/96	0000024268	8/7/96
SC-03714-S	LEAD	16.80		0.33	UG/G	*		EPA CLP	SOIL	METALS	1.00	11751010		QT1440.0	8/8/96	0000024268	8/7/96
SC-03714-S	RADIUM-226	1.28	0.10	0.30	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3109		WP0114.0	9/17/96	0000024268	8/7/96
SC-03714-S	RADIUM-228	1.02	0.14	0.41	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3109		WP0114.0	9/17/96	0000024268	8/7/96
SC-03714-S	THALLIUM	1.20		0.75	UG/G	*		EPA CLP	SOIL	METALS	1.00	11751010	B	QT1440.0	8/8/96	0000024268	8/7/96
SC-03714-S	THORIUM-230	2.65	0.01	2.27	PCI/G	J		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3109		WP0114.0	8/8/96	0000024268	8/7/96
SC-03714-S	URANIUM-238	ND		3.55	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3109		WP0114.0	9/17/96	0000024268	8/7/96
SC-03715-S	AROCLOR-1248	ND		390.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	10.00	11751011	U	QT1440.0	8/8/96	0000024269	8/7/96
SC-03715-S	AROCLOR-1254	1400.00		390.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	10.00	11751011		QT1440.0	8/8/96	0000024269	8/7/96
SC-03715-S	AROCLOR-1260	ND		390.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	10.00	11751011	U	QT1440.0	8/8/96	0000024269	8/7/96
SC-03715-S	ARSENIC	9.60		0.47	UG/G	*		EPA CLP	SOIL	METALS	1.00	11751011		QT1440.0	8/8/96	0000024269	8/7/96
SC-03715-S	CHROMIUM	18.40		0.54	UG/G	*		EPA CLP	SOIL	METALS	1.00	11751011		QT1440.0	8/8/96	0000024269	8/7/96
SC-03715-S	LEAD	14.80		0.33	UG/G	*		EPA CLP	SOIL	METALS	1.00	11751011		QT1440.0	8/8/96	0000024269	8/7/96
SC-03715-S	RADIUM-226	1.47	0.13	0.41	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3110		WP0114.0	9/17/96	0000024269	8/7/96
SC-03715-S	RADIUM-228	1.27	0.21	0.62	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3110		WP0114.0	9/17/96	0000024269	8/7/96
SC-03715-S	THALLIUM	2.00		0.76	UG/G	*		EPA CLP	SOIL	METALS	1.00	11751011	B	QT1440.0	8/8/96	0000024269	8/7/96
SC-03715-S	THORIUM-230	2.93	0.01	2.27	PCI/G	J		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3110		WP0114.0	8/11/96	0000024269	8/7/96
SC-03715-S	URANIUM-238	ND		3.98	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3110		WP0114.0	9/17/96	0000024269	8/7/96
SC-03716-S	AROCLOR-1248	ND		43.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11737009	U	QT1438.0	8/8/96	0000024270	8/6/96
SC-03716-S	AROCLOR-1254	ND		43.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11737009	U	QT1438.0	8/8/96	0000024270	8/6/96
SC-03716-S	AROCLOR-1260	ND		43.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11737009	U	QT1438.0	8/8/96	0000024270	8/6/96
SC-03716-S	ARSENIC	9.10		0.52	UG/G	*		EPA CLP	SOIL	METALS	1.00	11737009		QT1438.0	8/7/96	0000024270	8/6/96
SC-03716-S	CHROMIUM	8.40		0.60	UG/G	*		EPA CLP	SOIL	METALS	1.00	11737009		QT1438.0	8/7/96	0000024270	8/6/96
SC-03716-S	LEAD	13.20		0.37	UG/G	*		EPA CLP	SOIL	METALS	1.00	11737009		QT1438.0	8/7/96	0000024270	8/6/96
SC-03716-S	RADIUM-226	1.26	0.09	0.28	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3060		WP0112.0	9/10/96	0000024270	8/6/96
SC-03716-S	RADIUM-228	1.37	0.13	0.40	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3060		WP0112.0	9/10/96	0000024270	8/6/96
SC-03716-S	THALLIUM	1.60		0.84	UG/G	*		EPA CLP	SOIL	METALS	1.00	11737009	B	QT1438.0	8/7/96	0000024270	8/6/96
SC-03716-S	THORIUM-230	2.50	0.10	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3060		WP0112.0	8/8/96	0000024270	8/6/96
SC-03716-S	URANIUM-238	ND		3.06	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3060		WP0112.0	9/10/96	0000024270	8/6/96
SC-03717-S	URANIUM-238	4.06	0.89	3.42	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3061		WP0112.0	8/7/96	0000024271	8/6/96
SC-03718-S	AROCLOR-1248	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11737010	U	QT1436.0	8/8/96	0000024272	8/6/96
SC-03718-S	AROCLOR-1254	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11737010	U	QT1436.0	8/8/96	0000024272	8/6/96
SC-03718-S	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11737010	U	QT1436.0	8/8/96	0000024272	8/6/96
SC-03718-S	ARSENIC	7.90		0.49	UG/G	*		EPA CLP	SOIL	METALS	1.00	11737010		QT1436.0	8/7/96	0000024272	8/6/96
SC-03718-S	CHROMIUM	11.80		0.56	UG/G	*		EPA CLP	SOIL	METALS	1.00	11737010		QT1436.0	8/7/96	0000024272	8/6/96
SC-03718-S	LEAD	12.90		0.34	UG/G	*		EPA CLP	SOIL	METALS	1.00	11737010		QT1436.0	8/7/96	0000024272	8/6/96
SC-03718-S	RADIUM-226	1.48	0.13	0.43	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3062		WP0112.0	9/10/96	0000024272	8/6/96
SC-03718-S	RADIUM-228	1.14	0.15	0.36	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3062		WP0112.0	9/10/96	0000024272	8/6/96
SC-03718-S	THALLIUM	1.90		0.78	UG/G	*		EPA CLP	SOIL	METALS	1.00	11737010	B	QT1436.0	8/7/96	0000024272	8/6/96
SC-03718-S	THORIUM-230	2.73	0.17	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3062		WP0112.0	8/8/96	0000024272	8/6/96
SC-03718-S	URANIUM-238	ND		4.27	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3062		WP0112.0	9/10/96	0000024272	8/6/96
SC-03719-S	URANIUM-238	5.76	1.04	3.28	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3063		WP0112.0	9/10/96	0000024273	8/6/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-03720-S	URANIUM-238	2.22	0.87	2.58	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3111		WP0114.0	8/8/96	0000024274	8/7/96
SC-03721-S	URANIUM-238	6.62	1.06	2.90	PCI/G		RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2479		WP0085.0	7/12/96	0000024275	6/8/96
SC-03722-S	URANIUM-238	ND		3.42	PCI/G		RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2480		WP0085.0	7/12/96	0000024276	6/8/96
SC-03801-S	AROCLOR-1248	ND		44.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11752008	U	QT1441.0	8/9/96	0000024277	8/8/96
SC-03801-S	AROCLOR-1254	ND		44.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11752006	U	QT1441.0	8/9/96	0000024277	8/8/96
SC-03801-S	AROCLOR-1260	ND		44.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11752008	U	QT1441.0	8/9/96	0000024277	8/8/96
SC-03801-S	ARSENIC	3.90		0.53	UG/G			EPA CLP	SOIL	METALS	1.00	11752006		QT1441.0	8/9/96	0000024277	8/8/96
SC-03801-S	CHROMIUM	18.30		0.61	UG/G			EPA CLP	SOIL	METALS	1.00	11752006		QT1441.0	8/9/96	0000024277	8/8/96
SC-03801-S	LEAD	9.60		0.37	UG/G			EPA CLP	SOIL	METALS	1.00	11752006		QT1441.0	8/9/96	0000024277	8/8/96
SC-03801-S	RADIUM-226	1.62	0.13	0.28	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3117		WP0115.0	9/17/96	0000024277	8/8/96
SC-03801-S	RADIUM-228	1.48	0.18	0.59	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3117		WP0115.0	9/17/96	0000024277	8/8/96
SC-03801-S	THORIUM-230	2.60	0.13	2.27	PCI/G			EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3117		WP0115.0	8/16/96	0000024277	8/8/96
SC-03801-S	URANIUM-238	ND		4.29	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3117		WP0115.0	9/17/96	0000024277	8/8/96
SC-03802-S	AROCLOR-1248	ND		40.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11752007	U	QT1441.0	8/9/96	0000024278	8/8/96
SC-03802-S	AROCLOR-1254	ND		40.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11752007	U	QT1441.0	8/9/96	0000024278	8/8/96
SC-03802-S	AROCLOR-1260	ND		40.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11752007	U	QT1441.0	8/9/96	0000024278	8/8/96
SC-03802-S	ARSENIC	3.00		0.48	UG/G			EPA CLP	SOIL	METALS	1.00	11752007		QT1441.0	8/9/96	0000024278	8/8/96
SC-03802-S	CHROMIUM	15.60		0.55	UG/G			EPA CLP	SOIL	METALS	1.00	11752007		QT1441.0	8/9/96	0000024278	8/8/96
SC-03802-S	LEAD	12.60		0.34	UG/G			EPA CLP	SOIL	METALS	1.00	11752007		QT1441.0	8/9/96	0000024278	8/8/96
SC-03802-S	RADIUM-226	1.48	0.10	0.26	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3116		WP0115.0	9/17/96	0000024278	8/8/96
SC-03802-S	RADIUM-228	1.34	0.13	0.53	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3116		WP0115.0	9/17/96	0000024278	8/8/96
SC-03802-S	THORIUM-230	2.84	0.13	2.27	PCI/G			EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3116		WP0115.0	8/16/96	0000024278	8/8/96
SC-03802-S	URANIUM-238	ND		3.13	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3116		WP0115.0	9/17/96	0000024278	8/8/96
SC-03803-S	AROCLOR-1248	ND		39.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11752009	U	QT1441.0	8/9/96	0000024279	8/8/96
SC-03803-S	AROCLOR-1254	ND		39.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11752009	U	QT1441.0	8/9/96	0000024279	8/8/96
SC-03803-S	AROCLOR-1260	ND		39.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11752009	U	QT1441.0	8/9/96	0000024279	8/8/96
SC-03803-S	ARSENIC	3.20		0.47	UG/G			EPA CLP	SOIL	METALS	1.00	11752009		QT1441.0	8/9/96	0000024279	8/8/96
SC-03803-S	CHROMIUM	13.20		0.54	UG/G			EPA CLP	SOIL	METALS	1.00	11752009		QT1441.0	8/9/96	0000024279	8/8/96
SC-03803-S	LEAD	10.40		0.33	UG/G			EPA CLP	SOIL	METALS	1.00	11752009		QT1441.0	8/9/96	0000024279	8/8/96
SC-03803-S	RADIUM-226	1.27	0.13	0.42	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3119		WP0116.0	9/17/96	0000024279	8/8/96
SC-03803-S	RADIUM-228	ND		1.32	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3119		WP0115.0	9/17/96	0000024279	8/8/96
SC-03803-S	THORIUM-230	2.73	0.13	2.27	PCI/G			EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3119		WP0115.0	8/16/96	0000024279	8/8/96
SC-03803-S	URANIUM-238	ND		5.14	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3119		WP0115.0	9/17/96	0000024279	8/8/96
SC-03804-S	AROCLOR-1248	ND		42.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11752009	U	QT1441.0	8/9/96	0000024280	8/8/96
SC-03804-S	AROCLOR-1254	ND		42.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11752009	U	QT1441.0	8/9/96	0000024280	8/8/96
SC-03804-S	AROCLOR-1260	ND		42.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11752009	U	QT1441.0	8/9/96	0000024280	8/8/96
SC-03804-S	ARSENIC	1.90		0.51	UG/G			EPA CLP	SOIL	METALS	1.00	11752009	B	QT1441.0	8/9/96	0000024280	8/8/96
SC-03804-S	CHROMIUM	8.30		0.59	UG/G			EPA CLP	SOIL	METALS	1.00	11752009		QT1441.0	8/9/96	0000024280	8/8/96
SC-03804-S	LEAD	9.70		0.36	UG/G			EPA CLP	SOIL	METALS	1.00	11752009		QT1441.0	8/9/96	0000024280	8/8/96
SC-03804-S	RADIUM-226	1.43	0.10	0.32	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3120		WP0115.0	9/17/96	0000024280	8/8/96
SC-03804-S	RADIUM-228	1.24	0.14	0.50	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3120		WP0115.0	9/17/96	0000024280	8/8/96
SC-03804-S	THORIUM-230	2.53	0.12	2.27	PCI/G			EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3120		WP0115.0	8/16/96	0000024280	8/8/96
SC-03804-S	URANIUM-238	5.68	0.96	2.69	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3120		WP0115.0	9/17/96	0000024280	8/8/96
SC-03805-C	AROCLOR-1248	ND		39.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11752011	U	QT1441.0	8/9/96	0000024296	8/8/96
SC-03805-C	AROCLOR-1254	ND		39.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11752011	U	QT1441.0	8/9/96	0000024296	8/8/96
SC-03805-C	AROCLOR-1260	ND		39.00	UG/KG			EPA 8080A	SOIL	PEST/PCBS	1.00	11752011	U	QT1441.0	8/9/96	0000024296	8/8/96
SC-03805-C	ARSENIC	3.00		0.47	UG/G			EPA CLP	SOIL	METALS	1.00	11752011		QT1441.0	8/9/96	0000024296	8/8/96
SC-03805-C	BENZO(A)ANTHRACENE	290.00		5.00	UG/KG			EPA 8310	SOIL	SEMI-VOLATILES	1.00	11752011		QT1441.0	8/9/96	0000024296	8/8/96
SC-03805-C	BENZO(A)PYRENE	ND		8.00	UG/KG			EPA 8310	SOIL	SEMI-VOLATILES	1.00	11752011	U	QT1441.0	8/9/96	0000024296	8/8/96
SC-03805-C	BENZO(B)FLUORANTHENE	ND		7.00	UG/KG			EPA 8310	SOIL	SEMI-VOLATILES	1.00	11752011	U	QT1441.0	8/9/96	0000024296	8/8/96
SC-03805-C	BENZO(K)FLUORANTHENE	ND		6.80	UG/KG			EPA 8310	SOIL	SEMI-VOLATILES	1.00	11752011	U	QT1441.0	8/9/96	0000024296	8/8/96
SC-03805-C	CHROMIUM	10.90		0.55	UG/G			EPA CLP	SOIL	METALS	1.00	11752011		QT1441.0	8/9/96	0000024296	8/8/96
SC-03805-C	CHRYSENE	ND		59.80	UG/KG			EPA 8310	SOIL	SEMI-VOLATILES	1.00	11752011	U	QT1441.0	8/9/96	0000024296	8/8/96
SC-03805-C	INDENO(1,2,3-CD)PYRENE	ND		17.00	UG/KG			EPA 8310	SOIL	SEMI-VOLATILES	1.00	11752011	U	QT1441.0	8/9/96	0000024296	8/8/96
SC-03805-C	LEAD	8.60		0.33	UG/G			EPA CLP	SOIL	METALS	1.00	11752011		QT1441.0	8/9/96	0000024296	8/8/96
SC-03805-C	RADIUM-226	1.34	0.11	0.30	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3121		WP0115.0	9/17/96	0000024296	8/8/96
SC-03805-C	RADIUM-228	1.70	0.20	0.54	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3121		WP0115.0	9/17/96	0000024296	8/8/96
SC-03805-C	THORIUM-230	2.45	0.10	2.27	PCI/G			EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3121		WP0115.0	8/16/96	0000024296	8/8/96
SC-03805-C	URANIUM-238	ND		5.32	PCI/G			HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3121		WP0115.0	9/17/96	0000024296	8/8/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-03805-S	AROCLOR-1248	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11752010	U	QT1441.0	8/9/96	0000024281	8/8/96
SC-03805-S	AROCLOR-1254	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11752010	U	QT1441.0	8/9/96	0000024281	8/8/96
SC-03805-S	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11752010	U	QT1441.0	8/9/96	0000024281	8/8/96
SC-03805-S	ARSENIC	8.80		0.48	UG/G	*		EPA CLP	SOIL	METALS	1.00	11752010		QT1441.0	8/9/96	0000024281	8/8/96
SC-03805-S	CHROMIUM	20.60		0.56	UG/G	*		EPA CLP	SOIL	METALS	1.00	11752010		QT1441.0	8/9/96	0000024281	8/8/96
SC-03805-S	LEAD	11.60		0.34	UG/G	*		EPA CLP	SOIL	METALS	1.00	11752010		QT1441.0	8/9/96	0000024281	8/8/96
SC-03805-S	RADIUM-226	1.61	0.12	0.97	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3122		WP0115.0	9/17/96	0000024281	8/8/96
SC-03805-S	RADIUM-228	1.32	0.14	0.52	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3122		WP0115.0	9/17/96	0000024281	8/8/96
SC-03805-S	THORIUM-230	2.72	0.13	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3122		WP0115.0	9/18/96	0000024281	8/8/96
SC-03805-S	URANIUM-238	3.64	0.83	3.02	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3122		WP0115.0	9/17/96	0000024281	8/8/96
SC-03805-S-RS01	URANIUM-238	ND		4.71	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3160		WP0120.0	9/19/96	0000029411	8/16/96
SC-03805-S-RS02	URANIUM-238	6.66	1.45	4.37	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3161		WP0120.0	9/19/96		8/16/96
SC-03806-S	URANIUM-238	ND		3.41	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3123		WP0115.0	8/9/96	0000027188	8/6/96
SC-03807-S	URANIUM-238	4.92	1.28	3.48	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3124		WP0115.0	8/9/96	0000027189	8/6/96
SC-03807-S-RS	URANIUM-238	ND		3.04	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3162		WP0120.0	9/19/96	0000029416	8/16/96
SC-03808-S	URANIUM-238	6.67	1.04	2.17	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3125		WP0115.0	8/9/96	0000027190	8/6/96
SC-03809-S	AROCLOR-1248	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11752001	U	QT1441.0	8/8/96	0000024291	8/8/96
SC-03809-S	AROCLOR-1254	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11752001	U	QT1441.0	8/8/96	0000024291	8/8/96
SC-03809-S	AROCLOR-1260	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11752001	U	QT1441.0	8/8/96	0000024291	8/8/96
SC-03809-S	ARSENIC	10.30		0.49	UG/G	*		EPA CLP	SOIL	METALS	1.00	11752001		QT1441.0	8/8/96	0000024291	8/8/96
SC-03809-S	CHROMIUM	19.50		0.57	UG/G	*		EPA CLP	SOIL	METALS	1.00	11752001		QT1441.0	8/8/96	0000024291	8/8/96
SC-03809-S	LEAD	17.80		0.35	UG/G	*		EPA CLP	SOIL	METALS	1.00	11752001		QT1441.0	8/8/96	0000024291	8/8/96
SC-03809-S	RADIUM-226	1.87	0.15	0.39	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3126		WP0115.0	9/17/96	0000024291	8/8/96
SC-03809-S	RADIUM-228	3.21	0.25	0.48	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3126		WP0115.0	9/17/96	0000024291	8/8/96
SC-03809-S	THALLIUM	1.30		0.79	UG/G	*		EPA CLP	SOIL	METALS	1.00	11752001	B	QT1441.0	8/8/96	0000024291	8/8/96
SC-03809-S	THORIUM-230	3.20	0.16	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3126		WP0115.0	9/16/96	0000024291	8/8/96
SC-03809-S	URANIUM-238	40.10	4.89	6.88	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3126		WP0115.0	9/17/96	0000024291	8/8/96
SC-03809-S-RS	URANIUM-238	10.20	1.76	4.40	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3163		WP0120.0	9/19/96	0000029413	8/16/96
SC-03810-S	AROCLOR-1248	ND		43.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11752002	U	QT1441.0	8/9/96	0000024290	8/8/96
SC-03810-S	AROCLOR-1254	ND		43.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11752002	U	QT1441.0	8/9/96	0000024290	8/8/96
SC-03810-S	AROCLOR-1260	ND		43.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11752002	U	QT1441.0	8/9/96	0000024290	8/8/96
SC-03810-S	ARSENIC	13.90		0.52	UG/G	*		EPA CLP	SOIL	METALS	1.00	11752002		QT1441.0	8/9/96	0000024290	8/8/96
SC-03810-S	CHROMIUM	20.20		0.59	UG/G	*		EPA CLP	SOIL	METALS	1.00	11752002		QT1441.0	8/9/96	0000024290	8/8/96
SC-03810-S	LEAD	21.90		0.38	UG/G	*		EPA CLP	SOIL	METALS	1.00	11752002		QT1441.0	8/9/96	0000024290	8/8/96
SC-03810-S	RADIUM-226	1.63	0.11	0.95	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3127		WP0115.0	9/17/96	0000024290	8/8/96
SC-03810-S	RADIUM-228	1.84	0.18	0.54	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3127		WP0115.0	9/17/96	0000024290	8/8/96
SC-03810-S	THALLIUM	1.10		0.83	UG/G	*		EPA CLP	SOIL	METALS	1.00	11752002	B	QT1441.0	8/9/96	0000024290	8/8/96
SC-03810-S	THORIUM-230	2.85	0.16	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3127		WP0115.0	8/18/96	0000024290	8/8/96
SC-03810-S	URANIUM-238	23.80	2.70	5.51	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3127		WP0115.0	9/17/96	0000024290	8/8/96
SC-03811-S	URANIUM-238	ND		3.34	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3129		WP0115.0	8/9/96	0000024282	8/8/96
SC-03812-S	URANIUM-238	ND		3.15	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3130		WP0115.0	8/9/96	0000024283	8/8/96
SC-03813-S	URANIUM-238	ND		3.86	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3131		WP0115.0	8/9/96	0000024284	8/8/96
SC-03814-S	AROCLOR-1248	ND		37.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11752004	U	QT1441.0	8/9/96	0000024292	8/8/96
SC-03814-S	AROCLOR-1254	ND		37.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11752004	U	QT1441.0	8/9/96	0000024292	8/8/96
SC-03814-S	AROCLOR-1260	ND		37.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11752004	U	QT1441.0	8/9/96	0000024292	8/8/96
SC-03814-S	ARSENIC	8.10		0.45	UG/G	*		EPA CLP	SOIL	METALS	1.00	11752004		QT1441.0	8/9/96	0000024292	8/8/96
SC-03814-S	CHROMIUM	18.50		0.52	UG/G	*		EPA CLP	SOIL	METALS	1.00	11752004		QT1441.0	8/9/96	0000024292	8/8/96
SC-03814-S	LEAD	13.10		0.31	UG/G	*		EPA CLP	SOIL	METALS	1.00	11752004		QT1441.0	8/9/96	0000024292	8/8/96
SC-03814-S	RADIUM-226	1.37	0.13	0.34	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3132		WP0115.0	9/17/96	0000024292	8/8/96
SC-03814-S	RADIUM-228	1.56	0.18	0.68	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3132		WP0115.0	9/17/96	0000024292	8/8/96
SC-03814-S	THALLIUM	ND		0.72	UG/G	*		EPA CLP	SOIL	METALS	1.00	11752004	U	QT1441.0	8/9/96	0000024292	8/8/96
SC-03814-S	THORIUM-230	2.95	0.16	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3132		WP0115.0	8/18/96	0000024292	8/8/96
SC-03814-S	URANIUM-238	7.10	1.30	3.38	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3132		WP0115.0	9/17/96	0000024292	8/8/96
SC-03815-S	AROCLOR-1248	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11752005	U	QT1441.0	8/9/96	0000024293	8/8/96
SC-03815-S	AROCLOR-1254	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11752005	U	QT1441.0	8/9/96	0000024293	8/8/96
SC-03815-S	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11752005	U	QT1441.0	8/9/96	0000024293	8/8/96
SC-03815-S	ARSENIC	7.60		0.48	UG/G	*		EPA CLP	SOIL	METALS	1.00	11752005		QT1441.0	8/9/96	0000024293	8/8/96
SC-03815-S	CHROMIUM	16.10		0.56	UG/G	*		EPA CLP	SOIL	METALS	1.00	11752005		QT1441.0	8/9/96	0000024293	8/8/96
SC-03815-S	LEAD	17.40		0.34	UG/G	*		EPA CLP	SOIL	METALS	1.00	11752005		QT1441.0	8/9/96	0000024293	8/8/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-03815-S	RADIUM-226	1.48	0.11	0.31	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3133		WP0115.0	9/17/96	0000024293	8/8/96
SC-03815-S	RADIUM-228	1.33	0.14	0.40	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3133		WP0115.0	9/17/96	0000024293	8/8/96
SC-03815-S	THALLIUM	1.30		0.76	UG/G	*		EPA CLP	SOIL	METALS	1.00	11752005	B	QT1441.0	8/8/96	0000024293	8/8/96
SC-03815-S	THORIUM-230	2.75	0.14	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3133		WP0115.0	9/18/96	0000024293	8/8/96
SC-03815-S	URANIUM-238	1.89	0.65	2.58	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3133		WP0115.0	9/17/96	0000024293	8/8/96
SC-03816-S	URANIUM-238	6.64	1.02	2.79	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3112		WP0114.0	8/8/96	0000024285	8/7/96
SC-03817-S	URANIUM-238	ND		4.81	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3113		WP0114.0	8/8/96	0000024286	8/7/96
SC-03818-S	URANIUM-238	2.88	1.33	4.13	PCI/G	UI		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3064		WP0113.0	8/7/96	0000024287	8/2/96
SC-03819-S	AROCLOR-1248	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11714010	U	QT1434.0	8/5/96	0000024294	8/2/96
SC-03819-S	AROCLOR-1254	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11714010	U	QT1434.0	8/5/96	0000024294	8/2/96
SC-03819-S	AROCLOR-1260	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11714010	U	QT1434.0	8/5/96	0000024294	8/2/96
SC-03819-S	ARSENIC	10.00		0.50	UG/G	*		EPA CLP	SOIL	METALS	1.00	11714010		QT1434.0	8/3/96	0000024294	8/2/96
SC-03819-S	CHROMIUM	18.90		0.57	UG/G	*		EPA CLP	SOIL	METALS	1.00	11714010		QT1434.0	8/3/96	0000024294	8/2/96
SC-03819-S	LEAD	16.10		0.35	UG/G	*		EPA CLP	SOIL	METALS	1.00	11714010		QT1434.0	8/3/96	0000024294	8/2/96
SC-03819-S	RADIUM-226	1.41	0.13	0.32	PCI/G	A	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3032		WP0110.0	9/9/96	0000024294	8/2/96
SC-03819-S	RADIUM-228	1.54	0.19	0.49	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3032		WP0110.0	9/9/96	0000024294	8/2/96
SC-03819-S	THALLIUM	1.00		0.80	UG/G	*		EPA CLP	SOIL	METALS	1.00	11714010	B	QT1434.0	8/3/96	0000024294	8/2/96
SC-03819-S	THORIUM-230	2.63	0.14	2.27	PCI/G	A		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3032		WP0110.0	9/9/96	0000024294	8/2/96
SC-03819-S	URANIUM-238	4.97	1.30	3.43	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3032		WP0110.0	9/9/96	0000024294	8/2/96
SC-03820-S	AROCLOR-1248	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11714011	U	QT1434.0	8/5/96	0000024295	8/2/96
SC-03820-S	AROCLOR-1254	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11714011	U	QT1434.0	8/5/96	0000024295	8/2/96
SC-03820-S	AROCLOR-1260	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11714011	U	QT1434.0	8/5/96	0000024295	8/2/96
SC-03820-S	ARSENIC	7.70		0.48	UG/G	*		EPA CLP	SOIL	METALS	1.00	11714011		QT1434.0	8/3/96	0000024295	8/2/96
SC-03820-S	CHROMIUM	18.00		0.55	UG/G	*		EPA CLP	SOIL	METALS	1.00	11714011		QT1434.0	8/3/96	0000024295	8/2/96
SC-03820-S	LEAD	11.30		0.34	UG/G	*		EPA CLP	SOIL	METALS	1.00	11714011		QT1434.0	8/3/96	0000024295	8/2/96
SC-03820-S	RADIUM-226	1.40	0.10	0.30	PCI/G	J	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3033		WP0110.0	9/9/96	0000024295	8/2/96
SC-03820-S	RADIUM-228	1.20	0.12	0.33	PCI/G	J		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3033		WP0110.0	9/9/96	0000024295	8/2/96
SC-03820-S	THALLIUM	1.10		0.77	UG/G	*		EPA CLP	SOIL	METALS	1.00	11714011	B	QT1434.0	8/3/96	0000024295	8/2/96
SC-03820-S	THORIUM-230	2.66	0.12	2.27	PCI/G	A		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3033		WP0110.0	9/9/96	0000024295	8/2/96
SC-03820-S	URANIUM-238	ND		3.11	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3033		WP0110.0	9/9/96	0000024295	8/2/96
SC-03901-S	AROCLOR-1248	ND		37.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11616001	U	QT1426.0	7/22/96	0000024307	7/18/96
SC-03901-S	AROCLOR-1254	65.00		37.00	UG/KG	A		EPA 8080A	SOIL	PEST/PCBS	1.00	11616001		QT1426.0	7/22/96	0000024307	7/18/96
SC-03901-S	AROCLOR-1260	83.00		37.00	UG/KG	A		EPA 8080A	SOIL	PEST/PCBS	1.00	11616001		QT1426.0	7/22/96	0000024307	7/18/96
SC-03901-S	ARSENIC	10.60		0.44	UG/G	A		EPA CLP	SOIL	METALS	1.00	11616001		QT1426.0	7/19/96	0000024307	7/18/96
SC-03901-S	CHROMIUM	16.30		0.51	UG/G	A		EPA CLP	SOIL	METALS	1.00	11616001		QT1426.0	7/19/96	0000024307	7/18/96
SC-03901-S	LEAD	15.40		0.31	UG/G	A		EPA CLP	SOIL	METALS	1.00	11616001		QT1426.0	7/19/96	0000024307	7/18/96
SC-03901-S	RADIUM-226	1.41	0.12	0.34	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2822		WP0102.0	9/2/96	0000024307	7/18/96
SC-03901-S	RADIUM-228	1.50	0.21	0.48	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2822		WP0102.0	9/2/96	0000024307	7/18/96
SC-03901-S	THORIUM-230	3.63	0.19	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC2822		WP0102.0	7/22/96	0000024307	7/18/96
SC-03901-S	URANIUM-238	7.77	1.44	2.74	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2822		WP0102.0	9/2/96	0000024307	7/18/96
SC-03902-C	AROCLOR-1248	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745001	U	QT1439.0	8/8/96	0000024321	8/6/96
SC-03902-C	AROCLOR-1254	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745001	U	QT1439.0	8/8/96	0000024321	8/6/96
SC-03902-C	AROCLOR-1260	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745001	U	QT1439.0	8/8/96	0000024321	8/6/96
SC-03902-C	ARSENIC	4.90		0.47	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745001		QT1439.0	8/8/96	0000024321	8/6/96
SC-03902-C	CHROMIUM	12.70		0.54	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745001		QT1439.0	8/8/96	0000024321	8/6/96
SC-03902-C	LEAD	7.30		0.14	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745001		QT1439.0	8/8/96	0000024321	8/6/96
SC-03902-C	RADIUM-226	1.51	0.10	0.31	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3065		WP0113.0	9/11/96	0000024321	8/6/96
SC-03902-C	RADIUM-228	1.08	0.14	0.49	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3065		WP0113.0	9/11/96	0000024321	8/6/96
SC-03902-C	THORIUM-230	2.49	0.10	2.27	PCI/G	J	-	EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3065		WP0113.0	9/13/96	0000024321	8/6/96
SC-03902-S	AROCLOR-1248	ND		38.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745002	U	QT1439.0	8/8/96	0000024308	8/6/96
SC-03902-S	AROCLOR-1254	ND		38.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745002	U	QT1439.0	8/8/96	0000024308	8/6/96
SC-03902-S	AROCLOR-1260	ND		38.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745002	U	QT1439.0	8/8/96	0000024308	8/6/96
SC-03902-S	ARSENIC	3.10		0.47	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745002		QT1439.0	8/8/96	0000024308	8/6/96
SC-03902-S	CHROMIUM	6.00		0.54	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745002		QT1439.0	8/8/96	0000024308	8/6/96
SC-03902-S	LEAD	9.30		0.14	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745002		QT1439.0	8/8/96	0000024308	8/6/96
SC-03902-S	RADIUM-226	1.31	0.13	0.39	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3066		WP0113.0	9/11/96	0000024308	8/6/96
SC-03902-S	RADIUM-228	1.66	0.18	0.40	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3066		WP0113.0	9/11/96	0000024308	8/6/96
SC-03902-S	THORIUM-230	2.53	0.19	2.27	PCI/G	J		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3066		WP0113.0	9/11/96	0000024308	8/6/96
SC-03902-S	URANIUM-238	3.94	1.24	3.50	PCI/G	UI		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3066		WP0113.0	9/11/96	0000024308	8/6/96

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SC-03903-S	AROCLOR-1248	ND		38.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745019	U	QT1439.0	8/8/96	0000024297	8/6/96
SC-03903-S	AROCLOR-1254	ND		38.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745019	U	QT1439.0	8/8/96	0000024297	8/6/96
SC-03903-S	AROCLOR-1260	ND		38.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745019	U	QT1439.0	8/8/96	0000024297	8/6/96
SC-03903-S	ARSENIC	7.00		0.46	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745019		QT1439.0	8/8/96	0000024297	8/6/96
SC-03903-S	BENZO(A)ANTHRACENE	48.00		4.94	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11745019		QT1439.0	8/8/96	0000024297	8/6/96
SC-03903-S	BENZO(A)PYRENE	ND		8.70	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11745019	U	QT1439.0	8/8/96	0000024297	8/6/96
SC-03903-S	BENZO(B)FLUORANTHENE	ND		6.80	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11745019	U	QT1439.0	8/8/96	0000024297	8/6/96
SC-03903-S	BENZO(K)FLUORANTHENE	ND		6.50	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11745019	U	QT1439.0	8/8/96	0000024297	8/6/96
SC-03903-S	CHROMIUM	13.20		0.53	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745019		QT1439.0	8/8/96	0000024297	8/6/96
SC-03903-S	CHRYSENE	ND		57.00	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11745019	U	QT1439.0	8/8/96	0000024297	8/6/96
SC-03903-S	INDENO(1,2,3-CD)PYRENE	ND		16.00	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11745019	U	QT1439.0	8/8/96	0000024297	8/6/96
SC-03903-S	LEAD	10.10		0.14	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745019		QT1439.0	8/8/96	0000024297	8/6/96
SC-03903-S	RADIUM-226	1.46	0.10	0.30	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3067		WP0113.0	9/11/96	0000024297	8/6/96
SC-03903-S	RADIUM-228	1.22	0.13	0.43	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3067		WP0113.0	9/11/96	0000024297	8/6/96
SC-03903-S	THORIUM-230	2.63	0.14	2.27	PCI/G	J		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3067		WP0113.0	9/15/96	0000024297	8/6/96
SC-03903-S	URANIUM-238	ND		3.16	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3067		WP0113.0	9/11/96	0000024297	8/6/96
SC-03904-S	AROCLOR-1248	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745020	U	QT1439.0	8/8/96	0000024298	8/6/96
SC-03904-S	AROCLOR-1254	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745020	U	QT1439.0	8/8/96	0000024298	8/6/96
SC-03904-S	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745020	U	QT1439.0	8/8/96	0000024298	8/6/96
SC-03904-S	ARSENIC	12.50		0.48	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745020		QT1439.0	8/8/96	0000024298	8/6/96
SC-03904-S	BENZO(A)ANTHRACENE	130.00		5.20	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11745020		QT1439.0	8/8/96	0000024298	8/6/96
SC-03904-S	BENZO(A)PYRENE	ND		9.20	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11745020	U	QT1439.0	8/8/96	0000024298	8/6/96
SC-03904-S	BENZO(B)FLUORANTHENE	ND		7.20	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11745020	U	QT1439.0	8/8/96	0000024298	8/6/96
SC-03904-S	BENZO(K)FLUORANTHENE	ND		6.80	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11745020	U	QT1439.0	8/8/96	0000024298	8/6/96
SC-03904-S	CHROMIUM	11.50		0.56	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745020		QT1439.0	8/8/96	0000024298	8/6/96
SC-03904-S	CHRYSENE	ND		60.00	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11745020	U	QT1439.0	8/8/96	0000024298	8/6/96
SC-03904-S	INDENO(1,2,3-CD)PYRENE	ND		17.00	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11745020	U	QT1439.0	8/8/96	0000024298	8/6/96
SC-03904-S	LEAD	9.80		0.15	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745020		QT1439.0	8/8/96	0000024298	8/6/96
SC-03904-S	RADIUM-226	1.30	0.12	0.37	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3068		WP0113.0	9/11/96	0000024298	8/6/96
SC-03904-S	RADIUM-228	1.07	0.18	0.62	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3068		WP0113.0	9/11/96	0000024298	8/6/96
SC-03904-S	THORIUM-230	3.02	0.20	2.27	PCI/G	J		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3068		WP0113.0	9/15/96	0000024298	8/6/96
SC-03904-S	URANIUM-238	ND		3.69	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3068		WP0113.0	9/11/96	0000024298	8/6/96
SC-03905-S	AROCLOR-1248	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745021	U	QT1439.0	8/8/96	0000024299	8/6/96
SC-03905-S	AROCLOR-1254	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745021	U	QT1439.0	8/8/96	0000024299	8/6/96
SC-03905-S	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745021	U	QT1439.0	8/8/96	0000024299	8/6/96
SC-03905-S	ARSENIC	11.20		0.48	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745021		QT1439.0	8/8/96	0000024299	8/6/96
SC-03905-S	BENZO(A)ANTHRACENE	280.00		5.20	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11745021		QT1439.0	8/8/96	0000024299	8/6/96
SC-03905-S	BENZO(A)PYRENE	ND		9.30	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11745021	U	QT1439.0	8/8/96	0000024299	8/6/96
SC-03905-S	BENZO(B)FLUORANTHENE	7.40		7.30	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11745021		QT1439.0	8/8/96	0000024299	8/6/96
SC-03905-S	BENZO(K)FLUORANTHENE	ND		6.90	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11745021	U	QT1439.0	8/8/96	0000024299	8/6/96
SC-03905-S	CHROMIUM	14.90		0.56	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745021		QT1439.0	8/8/96	0000024299	8/6/96
SC-03905-S	CHRYSENE	ND		60.00	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11745021	U	QT1439.0	8/8/96	0000024299	8/6/96
SC-03905-S	INDENO(1,2,3-CD)PYRENE	ND		17.00	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11745021	U	QT1439.0	8/8/96	0000024299	8/6/96
SC-03905-S	LEAD	18.10		0.15	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745021		QT1439.0	8/8/96	0000024299	8/6/96
SC-03905-S	RADIUM-226	1.48	0.13	0.43	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3069		WP0113.0	9/11/96	0000024299	8/6/96
SC-03905-S	RADIUM-228	1.20	0.19	0.65	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3069		WP0113.0	9/11/96	0000024299	8/6/96
SC-03905-S	THORIUM-230	2.60	0.14	2.27	PCI/G	J		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3069		WP0113.0	9/15/96	0000024299	8/6/96
SC-03905-S	URANIUM-238	2.05	1.05	3.31	PCI/G	UI		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3069		WP0113.0	9/11/96	0000024299	8/6/96
SC-03906-C	AROCLOR-1248	ND		36.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745003	U	QT1439.0	8/8/96	0000024322	8/6/96
SC-03906-C	AROCLOR-1254	ND		36.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745003	U	QT1439.0	8/8/96	0000024322	8/6/96
SC-03906-C	AROCLOR-1260	ND		36.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745003	U	QT1439.0	8/8/96	0000024322	8/6/96
SC-03906-C	ARSENIC	7.70		0.44	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745003		QT1439.0	8/8/96	0000024322	8/6/96
SC-03906-C	CHROMIUM	14.40		0.51	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745003		QT1439.0	8/8/96	0000024322	8/6/96
SC-03906-C	LEAD	14.40		0.13	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745003		QT1439.0	8/8/96	0000024322	8/6/96
SC-03906-C	RADIUM-226	1.40	0.10	0.37	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3070		WP0113.0	9/11/96	0000024322	8/6/96
SC-03906-C	RADIUM-228	1.15	0.13	0.40	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3070		WP0113.0	9/11/96	0000024322	8/6/96
SC-03906-C	THORIUM-230	2.62	0.13	2.27	PCI/G	J		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3070		WP0113.0	9/13/96	0000024322	8/6/96
SC-03906-S	AROCLOR-1248	ND		38.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745022	U	QT1439.0	8/8/96	0000024300	8/6/96
SC-03906-S	AROCLOR-1254	ND		38.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745022	U	QT1439.0	8/8/96	0000024300	8/6/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-03906-S	AROCLOR-1260	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745022	U	QT1439.0	8/8/96	0000024300	8/6/96
SC-03906-S	ARSENIC	17.70		0.48	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745022		QT1439.0	8/8/96	0000024300	8/6/96
SC-03906-S	BENZO(A)ANTHRACENE	2400.00		51.00	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	10.00	11745022		QT1439.0	8/8/96	0000024300	8/6/96
SC-03906-S	BENZO(A)PYRENE	ND		9.10	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11745022	U	QT1439.0	8/8/96	0000024300	8/6/96
SC-03906-S	BENZO(B)FLUORANTHENE	11.00		7.10	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11745022		QT1439.0	8/8/96	0000024300	8/6/96
SC-03906-S	BENZO(K)FLUORANTHENE	48.00		6.70	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11745022		QT1439.0	8/8/96	0000024300	8/6/96
SC-03906-S	CHROMIUM	15.50		0.55	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745022		QT1439.0	8/8/96	0000024300	8/6/96
SC-03906-S	CHRYSENE	ND		59.00	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11745022	U	QT1439.0	8/8/96	0000024300	8/6/96
SC-03906-S	INDENO(1,2,3-CD)PYRENE	ND		17.00	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11745022	U	QT1439.0	8/8/96	0000024300	8/6/96
SC-03906-S	LEAD	20.10		0.14	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745022		QT1439.0	8/8/96	0000024300	8/6/96
SC-03906-S	RADIUM-226	1.37	0.12	0.28	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3071		WP0113.0	9/11/96	0000024300	8/6/96
SC-03906-S	RADIUM-228	ND		1.35	PCI/G	UJ		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3071		WP0113.0	9/11/96	0000024300	8/6/96
SC-03906-S	THORIUM-230	2.48	0.11	2.27	PCI/G	A		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3071		WP0113.0	8/15/96	0000024300	8/6/96
SC-03906-S	URANIUM-238	ND		4.73	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3071		WP0113.0	9/11/96	0000024300	8/6/96
SC-03907-S	AROCLOR-1248	ND		40.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11616002	U	QT1426.0	7/20/96	0000024309	7/18/96
SC-03907-S	AROCLOR-1254	ND		40.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11616002	U	QT1426.0	7/20/96	0000024309	7/18/96
SC-03907-S	AROCLOR-1260	ND		40.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11616002	U	QT1426.0	7/20/96	0000024309	7/18/96
SC-03907-S	ARSENIC	9.80		0.48	UG/G	A		EPA CLP	SOIL	METALS	1.00	11616002		QT1426.0	7/19/96	0000024309	7/18/96
SC-03907-S	CHROMIUM	16.50		0.56	UG/G	A		EPA CLP	SOIL	METALS	1.00	11616002		QT1426.0	7/19/96	0000024309	7/18/96
SC-03907-S	LEAD	20.10		0.34	UG/G	A		EPA CLP	SOIL	METALS	1.00	11616002		QT1426.0	7/19/96	0000024309	7/18/96
SC-03907-S	RADIUM-226	1.51	0.10	0.29	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2823		WP0102.0	9/2/96	0000024309	7/18/96
SC-03907-S	RADIUM-228	1.10	0.13	0.50	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2823		WP0102.0	9/2/96	0000024309	7/18/96
SC-03907-S	THORIUM-230	2.62	0.13	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC2823		WP0102.0	7/22/96	0000024309	7/18/96
SC-03907-S	URANIUM-238	ND		3.23	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2823		WP0102.0	9/2/96	0000024309	7/18/96
SC-03908-S	AROCLOR-1248	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745004	U	QT1439.0	8/8/96	0000024310	8/6/96
SC-03908-S	AROCLOR-1254	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745004	U	QT1439.0	8/8/96	0000024310	8/6/96
SC-03908-S	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745004	U	QT1439.0	8/8/96	0000024310	8/6/96
SC-03908-S	ARSENIC	3.50		0.48	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745004		QT1439.0	8/8/96	0000024310	8/6/96
SC-03908-S	CHROMIUM	10.20		0.56	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745004		QT1439.0	8/8/96	0000024310	8/6/96
SC-03908-S	LEAD	10.70		0.15	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745004		QT1439.0	8/8/96	0000024310	8/6/96
SC-03908-S	RADIUM-226	1.37	0.09	0.29	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3072		WP0113.0	9/11/96	0000024310	8/6/96
SC-03908-S	RADIUM-228	1.26	0.13	0.39	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3072		WP0113.0	9/11/96	0000024310	8/6/96
SC-03908-S	THORIUM-230	2.43	0.09	2.27	PCI/G	A		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3072		WP0113.0	8/15/96	0000024310	8/6/96
SC-03908-S	URANIUM-238	4.69	0.65	2.70	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3072		WP0113.0	9/11/96	0000024310	8/6/96
SC-03909-S	AROCLOR-1248	ND		44.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745023	U	QT1439.0	8/8/96	0000024301	8/6/96
SC-03909-S	AROCLOR-1254	ND		44.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745023	U	QT1439.0	8/8/96	0000024301	8/6/96
SC-03909-S	AROCLOR-1260	ND		44.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745023	U	QT1439.0	8/8/96	0000024301	8/6/96
SC-03909-S	ARSENIC	2.00		0.53	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745023	B	QT1439.0	8/8/96	0000024301	8/6/96
SC-03909-S	BENZO(A)ANTHRACENE	ND		5.70	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11745023	U	QT1439.0	8/8/96	0000024301	8/6/96
SC-03909-S	BENZO(A)PYRENE	ND		10.00	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11745023	U	QT1439.0	8/8/96	0000024301	8/6/96
SC-03909-S	BENZO(B)FLUORANTHENE	ND		7.90	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11745023	U	QT1439.0	8/8/96	0000024301	8/6/96
SC-03909-S	BENZO(K)FLUORANTHENE	ND		7.50	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11745023	U	QT1439.0	8/8/96	0000024301	8/6/96
SC-03909-S	CHROMIUM	10.00		0.61	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745023		QT1439.0	8/8/96	0000024301	8/6/96
SC-03909-S	CHRYSENE	ND		66.00	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11745023	U	QT1439.0	8/8/96	0000024301	8/6/96
SC-03909-S	INDENO(1,2,3-CD)PYRENE	ND		19.00	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11745023	U	QT1439.0	8/8/96	0000024301	8/6/96
SC-03909-S	LEAD	7.20		0.16	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745023		QT1439.0	8/8/96	0000024301	8/6/96
SC-03909-S	RADIUM-226	1.08	0.09	0.29	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3074		WP0113.0	9/11/96	0000024301	8/6/96
SC-03909-S	RADIUM-228	1.11	0.12	0.35	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3074		WP0113.0	9/11/96	0000024301	8/6/96
SC-03909-S	THORIUM-230	2.40	0.09	2.27	PCI/G	A		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3074		WP0113.0	8/15/96	0000024301	8/6/96
SC-03909-S	URANIUM-238	4.30	0.93	3.09	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3074		WP0113.0	9/11/96	0000024301	8/6/96
SC-03910-S	AROCLOR-1248	ND		36.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745024	U	QT1439.0	8/8/96	0000024302	8/6/96
SC-03910-S	AROCLOR-1254	ND		36.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745024	U	QT1439.0	8/8/96	0000024302	8/6/96
SC-03910-S	AROCLOR-1260	ND		36.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745024	U	QT1439.0	8/8/96	0000024302	8/6/96
SC-03910-S	ARSENIC	7.80		0.44	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745024		QT1439.0	8/8/96	0000024302	8/6/96
SC-03910-S	BENZO(A)ANTHRACENE	ND		4.70	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11745024	U	QT1439.0	8/8/96	0000024302	8/6/96
SC-03910-S	BENZO(A)PYRENE	ND		8.30	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11745024	U	QT1439.0	8/8/96	0000024302	8/6/96
SC-03910-S	BENZO(B)FLUORANTHENE	ND		6.50	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11745024	U	QT1439.0	8/8/96	0000024302	8/6/96
SC-03910-S	BENZO(K)FLUORANTHENE	ND		6.20	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11745024	U	QT1439.0	8/8/96	0000024302	8/6/96
SC-03910-S	CHROMIUM	8.20		0.50	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745024		QT1439.0	8/8/96	0000024302	8/6/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-03910-S	CHRYSENE	ND		54.00	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11745024	U	QT1439.0	8/8/96	0000024302	8/6/96
SC-03910-S	INDENO(1,2,3-CD)PYRENE	ND		16.00	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11745024	U	QT1439.0	8/8/96	0000024302	8/6/96
SC-03910-S	LEAD	9.20		0.13	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745024		QT1439.0	8/8/96	0000024302	8/6/96
SC-03910-S	RADIUM-226	1.43	0.13	0.44	PCI/G	J		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3075		WP0113.0	9/11/96	0000024302	8/6/96
SC-03910-S	RADIUM-228	1.56	0.21	0.65	PCI/G	J		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3075		WP0113.0	9/11/96	0000024302	8/6/96
SC-03910-S	THORIUM 230	2.96	0.18	2.27	PCI/G	A		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3075		WP0113.0	9/16/96	0000024302	8/6/96
SC-03910-S	URANIUM-238	10.50	1.71	3.81	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3075		WP0113.0	9/11/96	0000024302	8/6/96
SC-03911-C	AROCLOR-1248	ND		35.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745006	U	QT1439.0	8/8/96	0000024323	8/6/96
SC-03911-C	AROCLOR-1254	52.00		35.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745006		QT1439.0	8/8/96	0000024323	8/6/96
SC-03911-C	AROCLOR-1260	ND		35.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745006	U	QT1439.0	8/8/96	0000024323	8/6/96
SC-03911-C	ARSENIC	8.00		0.43	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745006		QT1439.0	8/8/96	0000024323	8/6/96
SC-03911-C	CHROMIUM	11.70		0.48	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745006		QT1439.0	8/8/96	0000024323	8/6/96
SC-03911-C	LEAD	11.20		0.13	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745006		QT1439.0	8/8/96	0000024323	8/6/96
SC-03911-C	RADIUM-226	1.54	0.11	0.26	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3076		WP0113.0	9/11/96	0000024323	8/6/96
SC-03911-C	RADIUM-228	1.68	0.15	0.46	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3076		WP0113.0	9/11/96	0000024323	8/6/96
SC-03911-C	THORIUM-230	2.84	0.13	2.27	PCI/G	J		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3076		WP0113.0	9/13/96	0000024323	8/6/96
SC-03911-S	AROCLOR-1248	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745025	U	QT1439.0	8/8/96	0000024303	8/6/96
SC-03911-S	AROCLOR-1254	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745025	U	QT1439.0	8/8/96	0000024303	8/6/96
SC-03911-S	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745025	U	QT1439.0	8/8/96	0000024303	8/6/96
SC-03911-S	ARSENIC	8.70		0.49	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745025		QT1439.0	8/8/96	0000024303	8/6/96
SC-03911-S	BENZO(A)ANTHRACENE	680.00		5.20	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11745025		QT1439.0	8/8/96	0000024303	8/6/96
SC-03911-S	BENZO(A)PYRENE	ND		9.30	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11745025	U	QT1439.0	8/8/96	0000024303	8/6/96
SC-03911-S	BENZO(B)FLUORANTHENE	38.00		7.20	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11745025		QT1439.0	8/8/96	0000024303	8/6/96
SC-03911-S	BENZO(K)FLUORANTHENE	ND		6.80	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11745025	U	QT1439.0	8/8/96	0000024303	8/6/96
SC-03911-S	CHROMIUM	14.60		0.58	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745025		QT1439.0	8/8/96	0000024303	8/6/96
SC-03911-S	CHRYSENE	ND		60.00	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11745025	U	QT1439.0	8/8/96	0000024303	8/6/96
SC-03911-S	INDENO(1,2,3-CD)PYRENE	ND		17.00	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11745025	U	QT1439.0	8/8/96	0000024303	8/6/96
SC-03911-S	LEAD	11.60		0.15	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745025		QT1439.0	8/8/96	0000024303	8/6/96
SC-03911-S	RADIUM-226	1.41	0.13	0.35	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3077		WP0113.0	9/11/96	0000024303	8/6/96
SC-03911-S	RADIUM-228	1.39	0.23	0.74	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3077		WP0113.0	9/11/96	0000024303	8/6/96
SC-03911-S	THORIUM-230	2.81	0.14	2.27	PCI/G	A		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3077		WP0113.0	9/16/96	0000024303	8/6/96
SC-03911-S	URANIUM-238	ND		4.43	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3077		WP0113.0	9/11/96	0000024303	8/6/96
SC-03912-S	AROCLOR-1248	ND		38.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745026	U	QT1439.0	8/8/96	0000024304	8/6/96
SC-03912-S	AROCLOR-1254	ND		38.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745026	U	QT1439.0	8/8/96	0000024304	8/6/96
SC-03912-S	AROCLOR-1260	ND		38.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745026	U	QT1439.0	8/8/96	0000024304	8/6/96
SC-03912-S	ARSENIC	11.00		0.46	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745026		QT1439.0	8/8/96	0000024304	8/6/96
SC-03912-S	BENZO(A)ANTHRACENE	1200.00		49.00	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	10.00	11745026		QT1439.0	8/8/96	0000024304	8/6/96
SC-03912-S	BENZO(A)PYRENE	11.00		8.70	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11745026		QT1439.0	8/8/96	0000024304	8/6/96
SC-03912-S	BENZO(B)FLUORANTHENE	15.00		6.80	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11745026		QT1439.0	8/8/96	0000024304	8/6/96
SC-03912-S	BENZO(K)FLUORANTHENE	ND		6.40	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11745026	U	QT1439.0	8/8/96	0000024304	8/6/96
SC-03912-S	CHROMIUM	16.60		0.53	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745026		QT1439.0	8/8/96	0000024304	8/6/96
SC-03912-S	CHRYSENE	ND		56.80	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11745026	U	QT1439.0	8/8/96	0000024304	8/6/96
SC-03912-S	INDENO(1,2,3-CD)PYRENE	ND		16.30	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11745026	U	QT1439.0	8/8/96	0000024304	8/6/96
SC-03912-S	LEAD	15.70		0.14	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745026		QT1439.0	8/8/96	0000024304	8/6/96
SC-03912-S	RADIUM-226	1.64	0.10	0.24	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3078		WP0113.0	9/11/96	0000024304	8/6/96
SC-03912-S	RADIUM-228	1.43	0.16	0.38	PCI/G	UI		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3078		WP0113.0	9/11/96	0000024304	8/6/96
SC-03912-S	THORIUM-230	2.66	0.22	2.27	PCI/G	J		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3078		WP0113.0	9/11/96	0000024304	8/6/96
SC-03912-S	URANIUM-238	ND		3.44	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3078		WP0113.0	9/11/96	0000024304	8/6/96
SC-03913-S	AROCLOR-1248	ND		40.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11616003	U	QT1426.0	7/22/96	0000024311	7/18/96
SC-03913-S	AROCLOR-1254	8.90		40.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11616003	U	QT1426.0	7/22/96	0000024311	7/18/96
SC-03913-S	AROCLOR-1260	ND		40.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11616003	U	QT1426.0	7/22/96	0000024311	7/18/96
SC-03913-S	ARSENIC	6.90		0.48	UG/G	A		EPA CLP	SOIL	METALS	1.00	11616003		QT1426.0	7/19/96	0000024311	7/18/96
SC-03913-S	CHROMIUM	19.30		0.55	UG/G	A		EPA CLP	SOIL	METALS	1.00	11616003		QT1426.0	7/19/96	0000024311	7/18/96
SC-03913-S	LEAD	13.70		0.34	UG/G	A		EPA CLP	SOIL	METALS	1.00	11616003		QT1426.0	7/19/96	0000024311	7/18/96
SC-03913-S	RADIUM-226	1.47	0.10	0.34	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2824		WP0102.0	9/2/96	0000024311	7/18/96
SC-03913-S	RADIUM-228	1.22	0.12	0.31	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2824		WP0102.0	9/2/96	0000024311	7/18/96
SC-03913-S	THORIUM-230	2.85	0.11	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC2824		WP0102.0	7/21/96	0000024311	7/18/96
SC-03913-S	URANIUM-238	1.70	0.57	2.00	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2824		WP0102.0	9/2/96	0000024311	7/18/96
SC-03914-S	AROCLOR-1248	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745007	U	QT1439.0	8/8/96	0000024312	8/6/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-03914-S	AROCLOR-1254	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745007	U	QT1439.0	8/8/96	0000024312	8/5/96
SC-03914-S	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745007	U	QT1439.0	8/8/96	0000024312	8/5/96
SC-03914-S	ARSENIC	4.70		0.48	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745007		QT1439.0	8/8/96	0000024312	8/5/96
SC-03914-S	CHROMIUM	10.40		0.55	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745007		QT1439.0	8/8/96	0000024312	8/5/96
SC-03914-S	LEAD	13.00		0.14	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745007		QT1439.0	8/8/96	0000024312	8/5/96
SC-03914-S	RADIUM-226	1.61	0.14	0.44	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3079		WP0113.0	9/11/96	0000024312	8/5/96
SC-03914-S	RADIUM-228	1.80	0.18	0.57	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3079		WP0113.0	9/11/96	0000024312	8/5/96
SC-03914-S	THORIUM-230	2.44	0.17	2.27	PCI/G	J		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3079		WP0113.0	9/11/96	0000024312	8/5/96
SC-03914-S	URANIUM-238	ND		4.04	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3079		WP0113.0	9/11/96	0000024312	8/5/96
SC-03915-S	AROCLOR-1248	ND		36.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745008	U	QT1439.0	8/8/96	0000024313	8/5/96
SC-03915-S	AROCLOR-1254	ND		36.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745008	U	QT1439.0	8/8/96	0000024313	8/5/96
SC-03915-S	AROCLOR-1260	ND		36.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745008	U	QT1439.0	8/8/96	0000024313	8/5/96
SC-03915-S	ARSENIC	7.00		0.43	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745008		QT1439.0	8/8/96	0000024313	8/5/96
SC-03915-S	CHROMIUM	10.70		0.50	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745008		QT1439.0	8/8/96	0000024313	8/5/96
SC-03915-S	LEAD	14.30		0.13	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745008		QT1439.0	8/8/96	0000024313	8/5/96
SC-03915-S	RADIUM-226	1.38	0.13	0.44	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3080		WP0113.0	9/11/96	0000024313	8/5/96
SC-03915-S	RADIUM-228	ND		1.26	PCI/G	UJ		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3080		WP0113.0	9/11/96	0000024313	8/5/96
SC-03915-S	THORIUM-230	2.48	0.11	2.27	PCI/G	J		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3080		WP0113.0	9/11/96	0000024313	8/5/96
SC-03915-S	URANIUM-238	ND		4.48	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3080		WP0113.0	9/11/96	0000024313	8/5/96
SC-03916-S	AROCLOR-1248	ND		36.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745009	U	QT1439.0	8/8/96	0000024314	8/5/96
SC-03916-S	AROCLOR-1254	ND		36.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745009	U	QT1439.0	8/8/96	0000024314	8/5/96
SC-03916-S	AROCLOR-1260	ND		36.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745009	U	QT1439.0	8/8/96	0000024314	8/5/96
SC-03916-S	ARSENIC	8.70		0.44	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745009		QT1439.0	8/8/96	0000024314	8/5/96
SC-03916-S	CHROMIUM	16.00		0.50	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745009		QT1439.0	8/8/96	0000024314	8/5/96
SC-03916-S	LEAD	13.00		0.13	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745009		QT1439.0	8/8/96	0000024314	8/5/96
SC-03916-S	RADIUM-226	1.51	0.11	0.34	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3081		WP0113.0	9/11/96	0000024314	8/5/96
SC-03916-S	RADIUM-228	1.35	0.13	0.34	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3081		WP0113.0	9/11/96	0000024314	8/5/96
SC-03916-S	THORIUM-230	2.89	0.10	2.27	PCI/G	J		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3081		WP0113.0	9/13/96	0000024314	8/5/96
SC-03916-S	URANIUM-238	13.80	1.80	3.91	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3081		WP0113.0	9/11/96	0000024314	8/5/96
SC-03916-S-RS	URANIUM-238	48.40	4.54	4.82	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3184		WP0120.0	9/19/96	0000029414	9/16/96
SC-03917-S	AROCLOR-1248	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745010	U	QT1439.0	8/8/96	0000024315	8/5/96
SC-03917-S	AROCLOR-1254	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745010	U	QT1439.0	8/8/96	0000024315	8/5/96
SC-03917-S	AROCLOR-1260	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745010	U	QT1439.0	8/8/96	0000024315	8/5/96
SC-03917-S	ARSENIC	7.50		0.47	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745010		QT1439.0	8/8/96	0000024315	8/5/96
SC-03917-S	CHROMIUM	15.30		0.54	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745010		QT1439.0	8/8/96	0000024315	8/5/96
SC-03917-S	LEAD	12.90		0.14	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745010		QT1439.0	8/8/96	0000024315	8/5/96
SC-03917-S	RADIUM-226	1.46	0.10	0.26	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3082		WP0113.0	9/11/96	0000024315	8/5/96
SC-03917-S	RADIUM-228	1.26	0.14	0.45	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3082		WP0113.0	9/11/96	0000024315	8/5/96
SC-03917-S	THORIUM-230	2.79	0.15	2.27	PCI/G	J		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3082		WP0113.0	9/13/96	0000024315	8/5/96
SC-03917-S	URANIUM-238	ND		3.55	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3082		WP0113.0	9/11/96	0000024315	8/5/96
SC-03918-C	AROCLOR-1248	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745011	U	QT1439.0	8/8/96	0000024324	8/5/96
SC-03918-C	AROCLOR-1254	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745011	U	QT1439.0	8/8/96	0000024324	8/5/96
SC-03918-C	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745011	U	QT1439.0	8/8/96	0000024324	8/5/96
SC-03918-C	ARSENIC	6.00		0.48	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745011		QT1439.0	8/8/96	0000024324	8/5/96
SC-03918-C	CHROMIUM	16.20		0.55	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745011		QT1439.0	8/8/96	0000024324	8/5/96
SC-03918-C	LEAD	8.90		0.14	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745011		QT1439.0	8/8/96	0000024324	8/5/96
SC-03918-C	RADIUM-226	1.32	0.13	0.45	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3083		WP0113.0	9/11/96	0000024324	8/5/96
SC-03918-C	RADIUM-228	ND		1.34	PCI/G	UJ		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3083		WP0113.0	9/11/96	0000024324	8/5/96
SC-03918-C	THORIUM-230	2.41	0.10	2.27	PCI/G	J		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3083		WP0113.0	9/13/96	0000024324	8/5/96
SC-03918-S	AROCLOR-1248	ND		35.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745027	U	QT1439.0	8/8/96	0000024305	8/5/96
SC-03918-S	AROCLOR-1254	39.00		35.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745027		QT1439.0	8/8/96	0000024305	8/5/96
SC-03918-S	AROCLOR-1260	ND		35.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745027	U	QT1439.0	8/8/96	0000024305	8/5/96
SC-03918-S	ARSENIC	6.90		0.42	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745027		QT1439.0	8/8/96	0000024305	8/5/96
SC-03918-S	BENZO(A)ANTHRACENE	1500.00		45.00	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	10.00	11745027		QT1439.0	8/8/96	0000024305	8/5/96
SC-03918-S	BENZO(A)PYRENE	36.00		8.00	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11745027		QT1439.0	8/8/96	0000024305	8/5/96
SC-03918-S	BENZO(B)FLUORANTHENE	44.00		6.30	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11745027		QT1439.0	8/8/96	0000024305	8/5/96
SC-03918-S	BENZO(K)FLUORANTHENE	11.00		5.90	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11745027		QT1439.0	8/8/96	0000024305	8/5/96
SC-03918-S	CHROMIUM	15.10		0.49	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745027		QT1439.0	8/8/96	0000024305	8/5/96
SC-03918-S	CHRYSENE	ND		52.30	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11745027	U	QT1439.0	8/8/96	0000024305	8/5/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-03918-S	INDENO(1,2,3-CD)PYRENE	24.00		15.00	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11745027		QT1439.0	8/8/96	0000024305	8/6/96
SC-03918-S	LEAD	13.00		0.13	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745027		QT1439.0	8/8/96	0000024305	8/6/96
SC-03918-S	RADIUM-226	1.40	0.13	0.37	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3084		WP0113.0	9/11/96	0000024305	8/6/96
SC-03918-S	RADIUM-228	1.20	0.19	0.45	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3084		WP0113.0	9/11/96	0000024305	8/6/96
SC-03918-S	THORIUM-230	2.64	0.14	2.27	PCI/G	J		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3084		WP0113.0	8/13/96	0000024305	8/6/96
SC-03918-S	URANIUM-238	2.43	1.24	3.89	PCI/G	UI		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3084		WP0113.0	9/11/96	0000024305	8/6/96
SC-03919-S	URANIUM-238	4.68	1.04	3.48	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2825		WP0102.0	7/23/96	0000024327	7/18/96
SC-03920-S	AROCLOR-1248	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745012	U	QT1439.0	8/8/96	0000024316	8/6/96
SC-03920-S	AROCLOR-1254	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745012	U	QT1439.0	8/8/96	0000024316	8/6/96
SC-03920-S	AROCLOR-1260	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745012	U	QT1439.0	8/8/96	0000024316	8/6/96
SC-03920-S	ARSENIC	9.80		0.51	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745012		QT1439.0	8/8/96	0000024316	8/6/96
SC-03920-S	CHROMIUM	13.70		0.68	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745012		QT1439.0	8/8/96	0000024316	8/6/96
SC-03920-S	LEAD	19.10		0.15	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745012		QT1439.0	8/8/96	0000024316	8/6/96
SC-03920-S	RADIUM-226	1.54	0.10	0.28	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3085		WP0113.0	9/11/96	0000024316	8/6/96
SC-03920-S	RADIUM-228	1.15	0.13	0.43	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3085		WP0113.0	9/11/96	0000024316	8/6/96
SC-03920-S	THORIUM-230	2.67	0.15	2.27	PCI/G	J		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3085		WP0113.0	8/13/96	0000024316	8/6/96
SC-03920-S	URANIUM-238	ND		3.25	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3085		WP0113.0	9/11/96	0000024316	8/6/96
SC-03921-C	AROCLOR-1248	ND		37.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745013	U	QT1439.0	8/8/96	0000024325	8/6/96
SC-03921-C	AROCLOR-1254	ND		37.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745013	U	QT1439.0	8/8/96	0000024325	8/6/96
SC-03921-C	AROCLOR-1260	ND		37.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745013	U	QT1439.0	8/8/96	0000024325	8/6/96
SC-03921-C	ARSENIC	8.00		0.45	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745013		QT1439.0	8/8/96	0000024325	8/6/96
SC-03921-C	CHROMIUM	15.70		0.52	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745013		QT1439.0	8/8/96	0000024325	8/6/96
SC-03921-C	LEAD	10.50		0.14	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745013		QT1439.0	8/8/96	0000024325	8/6/96
SC-03921-C	RADIUM-226	1.40	0.13	0.43	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3086		WP0113.0	9/11/96	0000024325	8/6/96
SC-03921-C	RADIUM-228	1.37	0.17	0.25	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3086		WP0113.0	9/11/96	0000024325	8/6/96
SC-03921-C	THORIUM-230	2.58	0.12	2.27	PCI/G	J		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3086		WP0113.0	8/13/96	0000024325	8/6/96
SC-03921-S	AROCLOR-1248	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745014	U	QT1439.0	8/8/96	0000024317	8/6/96
SC-03921-S	AROCLOR-1254	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745014	U	QT1439.0	8/8/96	0000024317	8/6/96
SC-03921-S	AROCLOR-1260	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745014	U	QT1439.0	8/8/96	0000024317	8/6/96
SC-03921-S	ARSENIC	8.70		0.48	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745014		QT1439.0	8/8/96	0000024317	8/6/96
SC-03921-S	CHROMIUM	15.10		0.65	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745014		QT1439.0	8/8/96	0000024317	8/6/96
SC-03921-S	LEAD	16.30		0.14	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745014		QT1439.0	8/8/96	0000024317	8/6/96
SC-03921-S	RADIUM-226	1.47	0.11	0.35	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3087		WP0113.0	9/11/96	0000024317	8/6/96
SC-03921-S	RADIUM-228	1.63	0.16	0.55	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3087		WP0113.0	9/11/96	0000024317	8/6/96
SC-03921-S	THORIUM-230	2.99	0.17	2.27	PCI/G	J		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3087		WP0113.0	8/13/96	0000024317	8/6/96
SC-03921-S	URANIUM-238	14.80	1.78	2.56	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3087		WP0113.0	9/11/96	0000024317	8/6/96
SC-03922-S	AROCLOR-1248	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745015	U	QT1439.0	8/8/96	0000024318	8/6/96
SC-03922-S	AROCLOR-1254	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745015	U	QT1439.0	8/8/96	0000024318	8/6/96
SC-03922-S	AROCLOR-1260	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745015	U	QT1439.0	8/8/96	0000024318	8/6/96
SC-03922-S	ARSENIC	4.50		0.48	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745015		QT1439.0	8/8/96	0000024318	8/6/96
SC-03922-S	CHROMIUM	10.60		0.56	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745015		QT1439.0	8/8/96	0000024318	8/6/96
SC-03922-S	LEAD	12.70		0.14	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745015		QT1439.0	8/8/96	0000024318	8/6/96
SC-03922-S	RADIUM-226	1.71	0.13	0.37	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3088		WP0113.0	9/11/96	0000024318	8/6/96
SC-03922-S	RADIUM-228	1.24	0.17	0.49	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3088		WP0113.0	9/11/96	0000024318	8/6/96
SC-03922-S	THORIUM-230	2.65	0.13	2.27	PCI/G	J		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3088		WP0113.0	8/13/96	0000024318	8/6/96
SC-03922-S	URANIUM-238	ND		4.77	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3088		WP0113.0	9/11/96	0000024318	8/6/96
SC-03923-S	AROCLOR-1248	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745016	U	QT1439.0	8/8/96	0000024319	8/6/96
SC-03923-S	AROCLOR-1254	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745016	U	QT1439.0	8/8/96	0000024319	8/6/96
SC-03923-S	AROCLOR-1260	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745016	U	QT1439.0	8/8/96	0000024319	8/6/96
SC-03923-S	ARSENIC	4.60		0.51	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745016		QT1439.0	8/8/96	0000024319	8/6/96
SC-03923-S	CHROMIUM	11.40		0.58	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745016		QT1439.0	8/8/96	0000024319	8/6/96
SC-03923-S	LEAD	11.20		0.15	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745016		QT1439.0	8/8/96	0000024319	8/6/96
SC-03923-S	RADIUM-226	1.33	0.09	0.27	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3089		WP0113.0	9/11/96	0000024319	8/6/96
SC-03923-S	RADIUM-228	1.49	0.14	0.48	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3089		WP0113.0	9/11/96	0000024319	8/6/96
SC-03923-S	THORIUM-230	2.65	0.12	2.27	PCI/G	J		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3089		WP0113.0	8/14/96	0000024319	8/6/96
SC-03923-S	URANIUM-238	ND		3.29	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3089		WP0113.0	9/11/96	0000024319	8/6/96
SC-03924-C	AROCLOR-1248	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745017	U	QT1439.0	8/8/96	0000024320	8/6/96
SC-03924-C	AROCLOR-1254	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745017	U	QT1439.0	8/8/96	0000024320	8/6/96
SC-03924-C	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745017	U	QT1439.0	8/8/96	0000024320	8/6/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-03924-C	ARSENIC	11.00		0.49	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745017		QT1439.0	8/8/96	0000024320	8/6/96
SC-03924-C	CHROMIUM	15.00		0.56	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745017		QT1439.0	8/8/96	0000024320	8/6/96
SC-03924-C	LEAD	15.40		0.15	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745017		QT1439.0	8/8/96	0000024320	8/6/96
SC-03924-C	RADIUM-226	1.18	0.12	0.36	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3090		WP0113.0	9/11/96	0000024320	8/6/96
SC-03924-C	RADIUM-228	ND		1.23	PCI/G	UJ		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3090		WP0113.0	9/11/96	0000024320	8/6/96
SC-03924-C	THORIUM-230	2.89	0.16	2.27	PCI/G	J		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3090		WP0113.0	9/14/96	0000024320	8/6/96
SC-03924-C	URANIUM-238	ND		4.29	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3090		WP0113.0	9/11/96	0000024320	8/6/96
SC-03924-S	AROCLOR-1248	ND		38.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745028	U	QT1439.0	8/8/96	0000024306	8/6/96
SC-03924-S	AROCLOR-1254	2200.00		380.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	10.00	11745028		QT1439.0	8/8/96	0000024306	8/6/96
SC-03924-S	AROCLOR-1260	ND		38.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11745028	U	QT1439.0	8/8/96	0000024306	8/6/96
SC-03924-S	ARSENIC	11.10		0.47	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745028		QT1439.0	8/8/96	0000024306	8/6/96
SC-03924-S	BENZO(A)ANTHRACENE	680.00		5.10	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	2.00	11745028		QT1439.0	8/8/96	0000024306	8/6/96
SC-03924-S	BENZO(A)PYRENE	310.00		9.00	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	2.00	11745028		QT1439.0	8/8/96	0000024306	8/6/96
SC-03924-S	BENZO(B)FLUORANTHENE	310.00		7.00	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	2.00	11745028		QT1439.0	8/8/96	0000024306	8/6/96
SC-03924-S	BENZO(K)FLUORANTHENE	140.00		5.60	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	2.00	11745028		QT1439.0	8/8/96	0000024306	8/6/96
SC-03924-S	CHROMIUM	15.00		0.54	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745028		QT1439.0	8/8/96	0000024306	8/6/96
SC-03924-S	CHRYSENE	440.00		56.40	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	2.00	11745028		QT1439.0	8/8/96	0000024306	8/6/96
SC-03924-S	INDENO(1,2,3-CD)PYRENE	250.00		16.70	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	2.00	11745028		QT1439.0	8/8/96	0000024306	8/6/96
SC-03924-S	LEAD	13.00		0.14	UG/G	*		EPA CLP	SOIL	METALS	1.00	11745028		QT1439.0	8/8/96	0000024306	8/6/96
SC-03924-S	RADIUM-226	1.56	0.14	0.35	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3092		WP0113.0	9/11/96	0000024306	8/6/96
SC-03924-S	RADIUM-228	ND		1.26	PCI/G	UJ		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3092		WP0113.0	9/11/96	0000024306	8/6/96
SC-03924-S	THORIUM-230	2.78	0.14	2.27	PCI/G	J		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3092		WP0113.0	9/14/96	0000024306	8/6/96
SC-03924-S	URANIUM-238	ND		4.56	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3092		WP0113.0	9/11/96	0000024306	8/6/96
SC-04001-S	URANIUM-238	ND		4.14	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2809		WP0101.0	7/22/96	0000024349	7/19/96
SC-04001-U	AROCLOR-1248	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11713001	U	QT1433.0	8/3/96	0000029220	8/2/96
SC-04001-U	AROCLOR-1254	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11713001	U	QT1433.0	8/3/96	0000029220	8/2/96
SC-04001-U	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11713001	U	QT1433.0	8/3/96	0000029220	8/2/96
SC-04001-U	ARSENIC	6.10		0.49	UG/G	*		EPA CLP	SOIL	METALS	1.00	11713001		QT1433.0	8/3/96	0000029220	8/2/96
SC-04001-U	CHROMIUM	16.40		0.56	UG/G	*		EPA CLP	SOIL	METALS	1.00	11713001		QT1433.0	8/3/96	0000029220	8/2/96
SC-04001-U	LEAD	11.60		0.34	UG/G	*		EPA CLP	SOIL	METALS	1.00	11713001		QT1433.0	8/3/96	0000029220	8/2/96
SC-04001-U	RADIUM-226	1.28	0.09	0.27	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2989		WP0109.0	9/10/96	0000029220	8/2/96
SC-04001-U	RADIUM-228	1.31	0.14	0.36	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2989		WP0109.0	9/10/96	0000029220	8/2/96
SC-04001-U	THORIUM-230	1.24	0.20	0.03	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7579-1		LK0446.0	8/6/96	0000029220	8/2/96
SC-04001-U	URANIUM-238	2.71	0.60	2.09	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2989		WP0109.0	9/10/96	0000029220	8/2/96
SC-04002-S	URANIUM-238	ND		4.63	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2990		WP0109.0	8/6/96	0000024350	8/2/96
SC-04003-S	URANIUM-238	9.65	1.38	3.63	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2991		WP0109.0	8/6/96	0000024351	8/2/96
SC-04004-S	URANIUM-238	ND		5.06	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2992		WP0109.0	8/6/96	0000024352	8/2/96
SC-04005-S	URANIUM-238	7.35	1.11	2.85	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2993		WP0109.0	8/6/96	0000024353	8/2/96
SC-04006-S	URANIUM-238	ND		4.22	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2810		WP0101.0	7/19/96	0000024354	7/18/96
SC-04007-S	AROCLOR-1248	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11713002	U	QT1433.0	8/3/96	0000024343	8/2/96
SC-04007-S	AROCLOR-1254	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11713002	U	QT1433.0	8/3/96	0000024343	8/2/96
SC-04007-S	AROCLOR-1260	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11713002	U	QT1433.0	8/3/96	0000024343	8/2/96
SC-04007-S	URANIUM-238	ND		4.39	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2994		WP0109.0	8/6/96	0000024343	8/2/96
SC-04008-S	AROCLOR-1248	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11713003	U	QT1433.0	8/5/96	0000024344	8/2/96
SC-04008-S	AROCLOR-1254	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11713003	U	QT1433.0	8/5/96	0000024344	8/2/96
SC-04008-S	AROCLOR-1260	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11713003	U	QT1433.0	8/5/96	0000024344	8/2/96
SC-04008-S	URANIUM-238	ND		4.00	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2995		WP0109.0	8/6/96	0000024344	8/2/96
SC-04009-S	URANIUM-238	ND		3.02	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2996		WP0109.0	8/6/96	0000024355	8/2/96
SC-04010-S	AROCLOR-1248	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11713004	U	QT1433.0	8/5/96	0000024356	8/2/96
SC-04010-S	AROCLOR-1254	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11713004	U	QT1433.0	8/5/96	0000024356	8/2/96
SC-04010-S	AROCLOR-1260	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11713004	U	QT1433.0	8/5/96	0000024356	8/2/96
SC-04010-S	ARSENIC	16.20		0.60	UG/G	*		EPA CLP	SOIL	METALS	1.00	11713004		QT1433.0	8/3/96	0000024356	8/2/96
SC-04010-S	CHROMIUM	19.50		0.57	UG/G	*		EPA CLP	SOIL	METALS	1.00	11713004		QT1433.0	8/3/96	0000024356	8/2/96
SC-04010-S	LEAD	19.30		0.35	UG/G	*		EPA CLP	SOIL	METALS	1.00	11713004		QT1433.0	8/3/96	0000024356	8/2/96
SC-04010-S	RADIUM-226	1.57	0.13	0.31	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2997		WP0109.0	9/10/96	0000024356	8/2/96
SC-04010-S	RADIUM-228	1.16	0.22	0.88	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2997		WP0109.0	9/10/96	0000024356	8/2/96
SC-04010-S	THORIUM-230	1.29	0.22	0.05	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7579-2		LK0446.0	8/6/96	0000024356	8/2/96
SC-04010-S	URANIUM-238	ND		4.39	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2997		WP0109.0	9/10/96	0000024356	8/2/96
SC-04011-S	URANIUM-238	5.44	0.99	2.40	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2998		WP0109.0	8/6/96	0000024357	8/2/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-04012-S	AROCLOR-1248	ND		36.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11616005	U	QT1426.0	7/21/96	0000024348	7/16/96
SC-04012-S	AROCLOR-1254	ND		36.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11616005	U	QT1426.0	7/21/96	0000024348	7/16/96
SC-04012-S	AROCLOR-1260	750.00		36.00	UG/KG	A		EPA 8080A	SOIL	PEST/PCBS	1.00	11616005		QT1426.0	7/21/96	0000024348	7/16/96
SC-04012-S	URANIUM-238	ND		6.02	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2811		WP0101.0	7/19/96	0000024348	7/16/96
SC-04013-C	AROCLOR-1248	ND		38.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11713005	U	QT1433.0	8/3/96	0000024341	8/2/96
SC-04013-C	AROCLOR-1254	ND		38.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11713005	U	QT1433.0	8/3/96	0000024341	8/2/96
SC-04013-C	AROCLOR-1260	ND		38.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11713005	U	QT1433.0	8/3/96	0000024341	8/2/96
SC-04013-S	AROCLOR-1248	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11713006	U	QT1433.0	8/5/96	0000024345	8/2/96
SC-04013-S	AROCLOR-1254	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11713006	U	QT1433.0	8/5/96	0000024345	8/2/96
SC-04013-S	AROCLOR-1260	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11713006	U	QT1433.0	8/5/96	0000024345	8/2/96
SC-04013-S	URANIUM-238	4.70	1.40	3.94	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2999		WP0109.0	8/6/96	0000024345	8/2/96
SC-04014-S	AROCLOR-1248	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11713007	U	QT1433.0	8/3/96	0000024346	8/2/96
SC-04014-S	AROCLOR-1254	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11713007	U	QT1433.0	8/3/96	0000024346	8/2/96
SC-04014-S	AROCLOR-1260	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11713007	U	QT1433.0	8/3/96	0000024346	8/2/96
SC-04014-S	URANIUM-238	ND		3.48	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3000		WP0109.0	8/6/96	0000024346	8/2/96
SC-04015-S	URANIUM-238	6.70	1.43	3.28	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3001		WP0109.0	8/6/96	0000024358	8/2/96
SC-04016-S	AROCLOR-1248	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11713008	U	QT1433.0	8/5/96	0000024359	8/2/96
SC-04016-S	AROCLOR-1254	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11713008	U	QT1433.0	8/5/96	0000024359	8/2/96
SC-04016-S	AROCLOR-1260	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11713008	U	QT1433.0	8/5/96	0000024359	8/2/96
SC-04016-S	ARSENIC	10.30		0.50	UG/G	*		EPA CLP	SOIL	METALS	1.00	11713008		QT1433.0	8/3/96	0000024359	8/2/96
SC-04016-S	CHROMIUM	16.00		0.57	UG/G	*		EPA CLP	SOIL	METALS	1.00	11713008		QT1433.0	8/3/96	0000024359	8/2/96
SC-04016-S	LEAD	20.00		0.35	UG/G	*		EPA CLP	SOIL	METALS	1.00	11713008		QT1433.0	8/3/96	0000024359	8/2/96
SC-04016-S	RADIUM-226	1.38	0.13	0.31	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3002		WP0109.0	8/10/96	0000024359	8/2/96
SC-04016-S	RADIUM-226	1.28	0.17	0.57	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3002		WP0109.0	8/10/96	0000024359	8/2/96
SC-04016-S	THORIUM-230	1.40	0.24	0.04	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7579-3		LK0448.0	8/6/96	0000024359	8/2/96
SC-04016-S	URANIUM-238	ND		4.05	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3002		WP0109.0	8/10/96	0000024359	8/2/96
SC-04017-S	URANIUM-238	ND		4.22	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3003		WP0109.0	8/6/96	0000024360	8/2/96
SC-04018-C	AROCLOR-1248	ND		37.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11713009	U	QT1433.0	8/5/96	0000024342	8/2/96
SC-04018-C	AROCLOR-1254	ND		37.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11713009	U	QT1433.0	8/5/96	0000024342	8/2/96
SC-04018-C	AROCLOR-1260	56.00		37.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11713009		QT1433.0	8/5/96	0000024342	8/2/96
SC-04018-S	URANIUM-238	12.50	1.94	4.86	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2812		WP0101.0	7/18/96	0000024361	7/18/96
SC-04019-S	AROCLOR-1248	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11713010	U	QT1433.0	8/5/96	0000024332	8/2/96
SC-04019-S	AROCLOR-1254	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11713010	U	QT1433.0	8/5/96	0000024332	8/2/96
SC-04019-S	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11713010	U	QT1433.0	8/5/96	0000024332	8/2/96
SC-04019-S	ARSENIC	4.70		0.49	UG/G	*		EPA CLP	SOIL	METALS	1.00	11713010		QT1433.0	8/5/96	0000024332	8/2/96
SC-04019-S	CHROMIUM	14.20		0.56	UG/G	*		EPA CLP	SOIL	METALS	1.00	11713010		QT1433.0	8/3/96	0000024332	8/2/96
SC-04019-S	LEAD	11.60		0.34	UG/G	*		EPA CLP	SOIL	METALS	1.00	11713010		QT1433.0	8/3/96	0000024332	8/2/96
SC-04019-S	RADIUM-226	1.35	0.10	0.28	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3004		WP0109.0	8/10/96	0000024332	8/2/96
SC-04019-S	RADIUM-226	0.98	0.14	0.51	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3004		WP0109.0	8/10/96	0000024332	8/2/96
SC-04019-S	THORIUM-230	0.97	0.19	0.05	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7579-4		LK0448.0	8/6/96	0000024332	8/2/96
SC-04019-S	URANIUM-238	ND		2.95	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3004		WP0109.0	8/10/96	0000024332	8/2/96
SC-04020-S	AROCLOR-1248	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11713012	U	QT1433.0	8/5/96	0000024328	8/2/96
SC-04020-S	AROCLOR-1254	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11713012	U	QT1433.0	8/5/96	0000024328	8/2/96
SC-04020-S	AROCLOR-1260	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11713012	U	QT1433.0	8/5/96	0000024328	8/2/96
SC-04020-S	ARSENIC	8.50		0.48	UG/G	*		EPA CLP	SOIL	METALS	1.00	11713012		QT1433.0	8/3/96	0000024328	8/2/96
SC-04020-S	BENZO(A)ANTHRACENE	180.00		5.20	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11713012		QT1433.0	8/5/96	0000024328	8/2/96
SC-04020-S	BENZO(A)PYRENE	ND		8.10	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11713012	U	QT1433.0	8/5/96	0000024328	8/2/96
SC-04020-S	BENZO(B)FLUORANTHENE	ND		7.10	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11713012	U	QT1433.0	8/5/96	0000024328	8/2/96
SC-04020-S	BENZO(K)FLUORANTHENE	ND		6.70	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11713012	U	QT1433.0	8/5/96	0000024328	8/2/96
SC-04020-S	CHROMIUM	21.30		0.55	UG/G	*		EPA CLP	SOIL	METALS	1.00	11713012		QT1433.0	8/3/96	0000024328	8/2/96
SC-04020-S	CHRYSENE	ND		59.00	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11713012	U	QT1433.0	8/5/96	0000024328	8/2/96
SC-04020-S	INDENO(1,2,3-CD)PYRENE	ND		17.00	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11713012	U	QT1433.0	8/5/96	0000024328	8/2/96
SC-04020-S	LEAD	11.40		0.33	UG/G	*		EPA CLP	SOIL	METALS	1.00	11713012		QT1433.0	8/3/96	0000024328	8/2/96
SC-04020-S	RADIUM-226	1.46	0.10	0.28	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3006		WP0109.0	8/10/96	0000024328	8/2/96
SC-04020-S	RADIUM-226	1.36	0.14	0.46	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3006		WP0109.0	8/10/96	0000024328	8/2/96
SC-04020-S	THORIUM-230	1.37	0.22	0.04	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7579-6		LK0448.0	8/6/96	0000024328	8/2/96
SC-04020-S	URANIUM-238	ND		3.24	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3006		WP0109.0	8/10/96	0000024328	8/2/96
SC-04021-C	AROCLOR-1248	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11713013	U	QT1433.0	8/5/96	0000024335	8/2/96
SC-04021-C	AROCLOR-1254	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11713013	U	QT1433.0	8/5/96	0000024335	8/2/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-04021-C	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11713013	U	QT1433.0	8/5/96	0000024335	8/2/96
SC-04021-C	ARSENIC	14.60		0.48	UG/G	*		EPA CLP	SOIL	METALS	1.00	11713013		QT1433.0	8/3/96	0000024335	8/2/96
SC-04021-C	CHROMIUM	17.80		0.56	UG/G	*		EPA CLP	SOIL	METALS	1.00	11713013		QT1433.0	8/3/96	0000024335	8/2/96
SC-04021-C	LEAD	18.60		0.34	UG/G	*		EPA CLP	SOIL	METALS	1.00	11713013		QT1433.0	8/3/96	0000024335	8/2/96
SC-04021-C	RADIUM-226	1.53	0.14	0.39	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3007		WP0109.0	9/10/96	0000024335	8/2/96
SC-04021-C	RADIUM-228	1.30	0.16	0.40	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3007		WP0109.0	9/10/96	0000024335	8/2/96
SC-04021-C	THORIUM-230	1.40	0.23	0.04	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7579-7		LK0448.0	8/8/96	0000024335	8/2/96
SC-04021-S	AROCLOR-1248	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11713014	U	QT1433.0	8/5/96	0000024329	8/2/96
SC-04021-S	AROCLOR-1254	280.00		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11713014		QT1433.0	8/5/96	0000024329	8/2/96
SC-04021-S	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11713014	U	QT1433.0	8/5/96	0000024329	8/2/96
SC-04021-S	ARSENIC	6.60		0.48	UG/G	*		EPA CLP	SOIL	METALS	1.00	11713014		QT1433.0	8/3/96	0000024329	8/2/96
SC-04021-S	BENZO(A)ANTHRACENE	180.00		5.30	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11713014		QT1433.0	8/5/96	0000024329	8/2/96
SC-04021-S	BENZO(A)PYRENE	ND		9.30	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11713014	U	QT1433.0	8/5/96	0000024329	8/2/96
SC-04021-S	BENZO(B)FLUORANTHENE	ND		7.30	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11713014	U	QT1433.0	8/5/96	0000024329	8/2/96
SC-04021-S	BENZO(K)FLUORANTHENE	ND		6.90	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11713014	U	QT1433.0	8/5/96	0000024329	8/2/96
SC-04021-S	CHROMIUM	16.30		0.56	UG/G	*		EPA CLP	SOIL	METALS	1.00	11713014		QT1433.0	8/3/96	0000024329	8/2/96
SC-04021-S	CHRYSENE	ND		61.00	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11713014	U	QT1433.0	8/5/96	0000024329	8/2/96
SC-04021-S	INDENO(1,2,3-CD)PYRENE	ND		17.00	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11713014	U	QT1433.0	8/5/96	0000024329	8/2/96
SC-04021-S	LEAD	17.60		0.34	UG/G	*		EPA CLP	SOIL	METALS	1.00	11713014		QT1433.0	8/3/96	0000024329	8/2/96
SC-04021-S	RADIUM-226	1.35	0.09	0.23	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3008		WP0109.0	9/10/96	0000024329	8/2/96
SC-04021-S	RADIUM-228	1.38	0.14	0.39	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3008		WP0109.0	9/10/96	0000024329	8/2/96
SC-04021-S	THORIUM-230	1.37	0.22	0.04	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7579-8		LK0448.0	8/8/96	0000024329	8/2/96
SC-04021-S	URANIUM-238	ND		3.02	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3008		WP0109.0	9/10/96	0000024329	8/2/96
SC-04022-S	AROCLOR-1248	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11713015	U	QT1433.0	8/5/96	0000024362	8/2/96
SC-04022-S	AROCLOR-1254	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11713015	U	QT1433.0	8/5/96	0000024362	8/2/96
SC-04022-S	AROCLOR-1260	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11713015	U	QT1433.0	8/5/96	0000024362	8/2/96
SC-04022-S	ARSENIC	5.90		0.50	UG/G	*		EPA CLP	SOIL	METALS	1.00	11713015		QT1433.0	8/3/96	0000024362	8/2/96
SC-04022-S	CHROMIUM	17.10		0.58	UG/G	*		EPA CLP	SOIL	METALS	1.00	11713015		QT1433.0	8/3/96	0000024362	8/2/96
SC-04022-S	LEAD	11.10		0.35	UG/G	*		EPA CLP	SOIL	METALS	1.00	11713015		QT1433.0	8/3/96	0000024362	8/2/96
SC-04022-S	RADIUM-226	1.39	0.13	0.35	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3009		WP0109.0	9/10/96	0000024362	8/2/96
SC-04022-S	RADIUM-228	1.34	0.16	0.46	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3009		WP0109.0	9/10/96	0000024362	8/2/96
SC-04022-S	THORIUM-230	1.43	0.22	0.04	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7579-9		LK0448.0	8/8/96	0000024362	8/2/96
SC-04022-S	URANIUM-238	ND		4.53	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3009		WP0109.0	9/10/96	0000024362	8/2/96
SC-04023-S	AROCLOR-1248	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11713016	U	QT1433.0	8/5/96	0000024347	8/2/96
SC-04023-S	AROCLOR-1254	50.00		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11713016		QT1433.0	8/5/96	0000024347	8/2/96
SC-04023-S	AROCLOR-1260	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11713016	U	QT1433.0	8/5/96	0000024347	8/2/96
SC-04023-S	URANIUM-238	ND		3.38	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3010		WP0109.0	9/6/96	0000024347	8/2/96
SC-04024-S	AROCLOR-1248	ND		38.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11616004	U	QT1426.0	7/21/96	0000024333	7/18/96
SC-04024-S	AROCLOR-1254	140.00		38.00	UG/KG	J		EPA 8080A	SOIL	PEST/PCBS	1.00	11616004		QT1426.0	7/21/96	0000024333	7/18/96
SC-04024-S	AROCLOR-1260	150.00		38.00	UG/KG	J		EPA 8080A	SOIL	PEST/PCBS	1.00	11616004		QT1426.0	7/21/96	0000024333	7/18/96
SC-04024-S	ARSENIC	7.70		0.46	UG/G	A		EPA CLP	SOIL	METALS	1.00	11616004		QT1426.0	7/19/96	0000024333	7/18/96
SC-04024-S	CHROMIUM	15.90		0.53	UG/G	A		EPA CLP	SOIL	METALS	1.00	11616004		QT1426.0	7/19/96	0000024333	7/18/96
SC-04024-S	LEAD	11.30		0.32	UG/G	A		EPA CLP	SOIL	METALS	1.00	11616004		QT1426.0	7/19/96	0000024333	7/18/96
SC-04024-S	RADIUM-226	1.35	0.13	0.36	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2813		WP0101.0	8/19/96	0000024333	7/18/96
SC-04024-S	RADIUM-228	1.18	0.16	0.56	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2813		WP0101.0	8/19/96	0000024333	7/18/96
SC-04024-S	THORIUM-230	2.71	0.13	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC2813		WP0101.0	7/23/96	0000024333	7/18/96
SC-04024-S	URANIUM-238	4.16	1.34	3.84	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2813		WP0101.0	8/19/96	0000024333	7/18/96
SC-04025-C	AROCLOR-1248	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11713017	U	QT1433.0	8/5/96	0000024336	8/2/96
SC-04025-C	AROCLOR-1254	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11713017	U	QT1433.0	8/5/96	0000024336	8/2/96
SC-04025-C	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11713017	U	QT1433.0	8/5/96	0000024336	8/2/96
SC-04025-C	ARSENIC	8.10		0.49	UG/G	*		EPA CLP	SOIL	METALS	1.00	11713017		QT1433.0	8/3/96	0000024336	8/2/96
SC-04025-C	CHROMIUM	17.60		0.56	UG/G	*		EPA CLP	SOIL	METALS	1.00	11713017		QT1433.0	8/3/96	0000024336	8/2/96
SC-04025-C	LEAD	13.00		0.34	UG/G	*		EPA CLP	SOIL	METALS	1.00	11713017		QT1433.0	8/3/96	0000024336	8/2/96
SC-04025-C	RADIUM-226	1.38	0.11	0.33	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3011		WP0109.0	9/10/96	0000024336	8/2/96
SC-04025-C	RADIUM-228	1.82	0.17	0.51	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3011		WP0109.0	9/10/96	0000024336	8/2/96
SC-04025-C	THORIUM-230	1.23	0.29	0.04	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7579-10		LK0448.0	8/8/96	0000024336	8/2/96
SC-04025-S	AROCLOR-1248	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11713018	U	QT1433.0	8/5/96	0000024334	8/2/96
SC-04025-S	AROCLOR-1254	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11713018	U	QT1433.0	8/5/96	0000024334	8/2/96
SC-04025-S	AROCLOR-1260	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11713018	U	QT1433.0	8/5/96	0000024334	8/2/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-04025-S	ARSENIC	4.70		0.50	UG/G	=		EPA CLP	SOIL	METALS	1.00	11713018		QT1433.0	8/3/96	0000024334	8/2/96
SC-04025-S	CHROMIUM	12.30		0.57	UG/G	=		EPA CLP	SOIL	METALS	1.00	11713018		QT1433.0	8/3/96	0000024334	8/2/96
SC-04025-S	LEAD	10.50		0.35	UG/G	=		EPA CLP	SOIL	METALS	1.00	11713018		QT1433.0	8/3/96	0000024334	8/2/96
SC-04025-S	RADIUM-226	1.26	0.10	0.28	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3012		WP0109.0	9/10/96	0000024334	8/2/96
SC-04025-S	RADIUM-228	1.09	0.12	0.38	PCI/G	=		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3012		WP0109.0	9/10/96	0000024334	8/2/96
SC-04025-S	THORIUM-230	1.25	0.21	0.05	PCI/G	=		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7579-11		LK0448.0	8/6/96	0000024334	8/2/96
SC-04025-S	URANIUM-238	4.35	0.89	2.83	PCI/G	=		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3012		WP0109.0	9/10/96	0000024334	8/2/96
SC-04026-S	AROCLOR-1248	ND		40.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11713019	U	QT1433.0	8/5/96	0000024330	8/2/96
SC-04026-S	AROCLOR-1254	ND		40.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11713019	U	QT1433.0	8/5/96	0000024330	8/2/96
SC-04026-S	AROCLOR-1260	ND		40.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11713019	U	QT1433.0	8/5/96	0000024330	8/2/96
SC-04026-S	ARSENIC	6.70		0.49	UG/G	=		EPA CLP	SOIL	METALS	1.00	11713019		QT1433.0	8/3/96	0000024330	8/2/96
SC-04026-S	BENZO(A)ANTHRACENE	62.00		5.30	UG/KG	=		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11713019		QT1433.0	8/5/96	0000024330	8/2/96
SC-04026-S	BENZO(A)PYRENE	ND		9.30	UG/KG	=		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11713019	U	QT1433.0	8/5/96	0000024330	8/2/96
SC-04026-S	BENZO(B)FLUORANTHENE	ND		7.20	UG/KG	=		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11713019	U	QT1433.0	8/5/96	0000024330	8/2/96
SC-04026-S	BENZO(K)FLUORANTHENE	ND		6.60	UG/KG	=		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11713019	U	QT1433.0	8/5/96	0000024330	8/2/96
SC-04026-S	CHROMIUM	13.10		0.56	UG/G	=		EPA CLP	SOIL	METALS	1.00	11713019		QT1433.0	8/3/96	0000024330	8/2/96
SC-04026-S	CHRYSENE	ND		60.00	UG/KG	=		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11713019	U	QT1433.0	8/5/96	0000024330	8/2/96
SC-04026-S	INDENO(1,2,3-CD)PYRENE	ND		17.00	UG/KG	=		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11713019	U	QT1433.0	8/5/96	0000024330	8/2/96
SC-04026-S	LEAD	10.00		0.34	UG/G	=		EPA CLP	SOIL	METALS	1.00	11713019		QT1433.0	8/3/96	0000024330	8/2/96
SC-04026-S	RADIUM-226	1.42	0.12	0.41	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3013		WP0109.0	9/10/96	0000024330	8/2/96
SC-04026-S	RADIUM-228	1.49	0.21	0.57	PCI/G	=		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3013		WP0109.0	9/10/96	0000024330	8/2/96
SC-04026-S	THORIUM-230	1.15	0.20	0.05	PCI/G	=		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7579-12		LK0448.0	8/6/96	0000024330	8/2/96
SC-04026-S	URANIUM-238	ND		3.97	PCI/G	=		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3013		WP0109.0	9/10/96	0000024330	8/2/96
SC-04027-C	AROCLOR-1248	ND		39.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11713020	U	QT1433.0	8/5/96	0000024337	8/2/96
SC-04027-C	AROCLOR-1254	480.00		39.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11713020		QT1433.0	8/5/96	0000024337	8/2/96
SC-04027-C	AROCLOR-1260	ND		39.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11713020	U	QT1433.0	8/5/96	0000024337	8/2/96
SC-04027-C	ARSENIC	8.80		0.48	UG/G	=		EPA CLP	SOIL	METALS	1.00	11713020		QT1433.0	8/3/96	0000024337	8/2/96
SC-04027-C	BENZO(A)ANTHRACENE	450.00		5.20	UG/KG	=		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11713020		QT1433.0	8/5/96	0000024337	8/2/96
SC-04027-C	BENZO(A)PYRENE	ND		9.00	UG/KG	=		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11713020	U	QT1433.0	8/5/96	0000024337	8/2/96
SC-04027-C	BENZO(B)FLUORANTHENE	ND		7.10	UG/KG	=		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11713020	U	QT1433.0	8/5/96	0000024337	8/2/96
SC-04027-C	BENZO(K)FLUORANTHENE	ND		6.70	UG/KG	=		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11713020	U	QT1433.0	8/5/96	0000024337	8/2/96
SC-04027-C	CHROMIUM	17.80		0.55	UG/G	=		EPA CLP	SOIL	METALS	1.00	11713020		QT1433.0	8/3/96	0000024337	8/2/96
SC-04027-C	CHRYSENE	ND		59.00	UG/KG	=		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11713020	U	QT1433.0	8/5/96	0000024337	8/2/96
SC-04027-C	INDENO(1,2,3-CD)PYRENE	ND		17.00	UG/KG	=		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11713020	U	QT1433.0	8/5/96	0000024337	8/2/96
SC-04027-C	LEAD	14.00		0.33	UG/G	=		EPA CLP	SOIL	METALS	1.00	11713020		QT1433.0	8/3/96	0000024337	8/2/96
SC-04027-C	RADIUM-226	1.37	0.10	0.27	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3014		WP0109.0	9/11/96	0000024337	8/2/96
SC-04027-C	RADIUM-228	1.39	0.14	0.52	PCI/G	=		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3014		WP0109.0	9/11/96	0000024337	8/2/96
SC-04027-C	THORIUM-230	1.19	0.20	0.03	PCI/G	=		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7579-13		LK0448.0	8/6/96	0000024337	8/2/96
SC-04027-C	URANIUM-238	ND		3.48	PCI/G	=		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3014		WP0109.0	9/11/96	0000024337	8/2/96
SC-04027-S	AROCLOR-1248	ND		39.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11713021	U	QT1433.0	8/5/96	0000024331	8/2/96
SC-04027-S	AROCLOR-1254	ND		39.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11713021	U	QT1433.0	8/5/96	0000024331	8/2/96
SC-04027-S	AROCLOR-1260	ND		39.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11713021	U	QT1433.0	8/5/96	0000024331	8/2/96
SC-04027-S	ARSENIC	7.80		0.47	UG/G	=		EPA CLP	SOIL	METALS	1.00	11713021		QT1433.0	8/3/96	0000024331	8/2/96
SC-04027-S	BENZO(A)ANTHRACENE	280.00		5.10	UG/KG	=		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11713021		QT1433.0	8/5/96	0000024331	8/2/96
SC-04027-S	BENZO(A)PYRENE	ND		9.10	UG/KG	=		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11713021	U	QT1433.0	8/5/96	0000024331	8/2/96
SC-04027-S	BENZO(B)FLUORANTHENE	ND		7.10	UG/KG	=		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11713021	U	QT1433.0	8/5/96	0000024331	8/2/96
SC-04027-S	BENZO(K)FLUORANTHENE	ND		6.70	UG/KG	=		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11713021	U	QT1433.0	8/5/96	0000024331	8/2/96
SC-04027-S	CHROMIUM	14.00		0.54	UG/G	=		EPA CLP	SOIL	METALS	1.00	11713021		QT1433.0	8/3/96	0000024331	8/2/96
SC-04027-S	CHRYSENE	ND		59.00	UG/KG	=		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11713021	U	QT1433.0	8/5/96	0000024331	8/2/96
SC-04027-S	INDENO(1,2,3-CD)PYRENE	ND		17.00	UG/KG	=		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11713021	U	QT1433.0	8/5/96	0000024331	8/2/96
SC-04027-S	LEAD	15.20		0.33	UG/G	=		EPA CLP	SOIL	METALS	1.00	11713021		QT1433.0	8/3/96	0000024331	8/2/96
SC-04027-S	RADIUM-226	1.48	0.13	0.34	PCI/G	=	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3015		WP0109.0	9/11/96	0000024331	8/2/96
SC-04027-S	RADIUM-228	1.59	0.20	0.57	PCI/G	=		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3015		WP0109.0	9/11/96	0000024331	8/2/96
SC-04027-S	THORIUM-230	1.16	0.22	0.06	PCI/G	=		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7579-14		LK0448.0	8/6/96	0000024331	8/2/96
SC-04027-S	URANIUM-238	2.82	1.26	3.66	PCI/G	=		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3015		WP0109.0	9/11/96	0000024331	8/2/96
SC-04028-S	AROCLOR-1248	ND		38.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11713022	U	QT1433.0	8/5/96	0000024338	8/2/96
SC-04028-S	AROCLOR-1254	ND		38.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11713022	U	QT1433.0	8/5/96	0000024338	8/2/96
SC-04028-S	AROCLOR-1260	ND		38.00	UG/KG	=		EPA 8080A	SOIL	PEST/PCBS	1.00	11713022	U	QT1433.0	8/5/96	0000024338	8/2/96
SC-04028-S	ARSENIC	10.00		0.47	UG/G	=		EPA CLP	SOIL	METALS	1.00	11713022		QT1433.0	8/3/96	0000024338	8/2/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-04028-S	BENZO(A)ANTHRACENE	150.00		5.10	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11713022		QT1433.0	8/5/96	0000024338	8/2/96
SC-04028-S	BENZO(A)PYRENE	ND		9.00	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11713022	U	QT1433.0	8/5/96	0000024338	8/2/96
SC-04028-S	BENZO(B)FLUORANTHENE	ND		7.00	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11713022	U	QT1433.0	8/5/96	0000024338	8/2/96
SC-04028-S	BENZO(K)FLUORANTHENE	ND		6.70	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11713022	U	QT1433.0	8/5/96	0000024338	8/2/96
SC-04028-S	CHROMIUM	15.80		0.54	UG/G	*		EPA CLP	SOIL	METALS	1.00	11713022		QT1433.0	8/3/96	0000024338	8/2/96
SC-04028-S	CHRYSENE	ND		59.00	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11713022	U	QT1433.0	8/5/96	0000024338	8/2/96
SC-04028-S	INDENO(1,2,3-CD)PYRENE	ND		17.00	UG/KG	*		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11713022	U	QT1433.0	8/5/96	0000024338	8/2/96
SC-04028-S	LEAD	13.60		0.33	UG/G	*		EPA CLP	SOIL	METALS	1.00	11713022		QT1433.0	8/3/96	0000024338	8/2/96
SC-04028-S	RADIUM-226	1.64	0.10	0.29	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3016		WP0109.0	9/11/96	0000024338	8/2/96
SC-04028-S	RADIUM-228	1.32	0.14	0.58	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3016		WP0109.0	9/11/96	0000024338	8/2/96
SC-04028-S	THORIUM-230	1.32	0.24	0.04	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7579-15		LK0448.0	8/8/96	0000024338	8/2/96
SC-04028-S	URANIUM-238	1.93	0.77	3.05	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3016		WP0109.0	9/11/96	0000024338	8/2/96
SC-04029-C	AROCLOR-1248	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11713023	U	QT1433.0	8/5/96	0000024340	8/2/96
SC-04029-C	AROCLOR-1254	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11713023	U	QT1433.0	8/5/96	0000024340	8/2/96
SC-04029-C	AROCLOR-1260	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11713023	U	QT1433.0	8/5/96	0000024340	8/2/96
SC-04029-S	AROCLOR-1248	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11713024	U	QT1433.0	8/5/96	0000024339	8/2/96
SC-04029-S	AROCLOR-1254	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11713024	U	QT1433.0	8/5/96	0000024339	8/2/96
SC-04029-S	AROCLOR-1260	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11713024	U	QT1433.0	8/5/96	0000024339	8/2/96
SC-04029-S	THORIUM-230	1.40	0.23	0.05	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7579-16		LK0448.0	8/8/96	0000024339	8/2/96
SC-04029-S	URANIUM-238	ND		4.55	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3017		WP0109.0	8/8/96	0000024339	8/2/96
SC-04101-S	URANIUM-238	2.45	1.06	3.88	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3134		WP0116.0	8/12/96	0000024366	8/9/96
SC-04102-S	URANIUM-238	6.17	1.01	2.72	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3135		WP0116.0	8/12/96	0000024367	8/9/96
SC-04103-S	URANIUM-238	7.06	1.54	3.65	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3136		WP0116.0	8/12/96	0000024368	8/9/96
SC-04104-S	AROCLOR-1248	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11780001	U	QT1443.0	8/13/96	0000024369	8/9/96
SC-04104-S	AROCLOR-1254	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11780001	U	QT1443.0	8/13/96	0000024369	8/9/96
SC-04104-S	AROCLOR-1260	ND		42.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11780001	U	QT1443.0	8/13/96	0000024369	8/9/96
SC-04104-S	ARSENIC	7.50		0.52	UG/G	*		EPA CLP	SOIL	METALS	1.00	11780001		QT1443.0	8/13/96	0000024369	8/9/96
SC-04104-S	CHROMIUM	18.60		0.59	UG/G	*		EPA CLP	SOIL	METALS	1.00	11780001		QT1443.0	8/13/96	0000024369	8/9/96
SC-04104-S	LEAD	9.20		0.36	UG/G	*		EPA CLP	SOIL	METALS	1.00	11780001		QT1443.0	8/13/96	0000024369	8/9/96
SC-04104-S	RADIUM-226	1.45	0.10	0.32	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3137		WP0116.0	9/17/96	0000024369	8/9/96
SC-04104-S	RADIUM-228	1.37	0.13	0.41	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3137		WP0116.0	9/17/96	0000024369	8/9/96
SC-04104-S	THORIUM-230	2.59	0.12	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3137		WP0116.0	8/14/96	0000024369	8/9/96
SC-04104-S	URANIUM-238	ND		3.16	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3137		WP0116.0	9/17/96	0000024369	8/9/96
SC-04105-S	AROCLOR-1248	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11780002	U	QT1443.0	8/13/96	0000024370	8/9/96
SC-04105-S	AROCLOR-1254	48.00		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11780002		QT1443.0	8/13/96	0000024370	8/9/96
SC-04105-S	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11780002	U	QT1443.0	8/13/96	0000024370	8/9/96
SC-04105-S	ARSENIC	5.30		0.49	UG/G	*		EPA CLP	SOIL	METALS	1.00	11780002		QT1443.0	8/13/96	0000024370	8/9/96
SC-04105-S	CHROMIUM	12.90		0.57	UG/G	*		EPA CLP	SOIL	METALS	1.00	11780002		QT1443.0	8/13/96	0000024370	8/9/96
SC-04105-S	LEAD	8.50		0.35	UG/G	*		EPA CLP	SOIL	METALS	1.00	11780002		QT1443.0	8/13/96	0000024370	8/9/96
SC-04105-S	RADIUM-226	1.32	0.12	0.38	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3138		WP0116.0	9/17/96	0000024370	8/9/96
SC-04105-S	RADIUM-228	ND		1.31	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3138		WP0116.0	9/17/96	0000024370	8/9/96
SC-04105-S	THORIUM-230	2.74	0.15	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3138		WP0116.0	8/14/96	0000024370	8/9/96
SC-04105-S	URANIUM-238	ND		4.18	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3138		WP0116.0	9/17/96	0000024370	8/9/96
SC-04106-S	AROCLOR-1248	ND		37.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11780003	U	QT1443.0	8/13/96	0000024371	8/9/96
SC-04106-S	AROCLOR-1254	ND		37.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11780003	U	QT1443.0	8/13/96	0000024371	8/9/96
SC-04106-S	AROCLOR-1260	ND		37.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11780003	U	QT1443.0	8/13/96	0000024371	8/9/96
SC-04106-S	ARSENIC	5.20		0.45	UG/G	*		EPA CLP	SOIL	METALS	1.00	11780003		QT1443.0	8/13/96	0000024371	8/9/96
SC-04106-S	CHROMIUM	11.30		0.52	UG/G	*		EPA CLP	SOIL	METALS	1.00	11780003		QT1443.0	8/13/96	0000024371	8/9/96
SC-04106-S	LEAD	12.40		0.32	UG/G	*		EPA CLP	SOIL	METALS	1.00	11780003		QT1443.0	8/13/96	0000024371	8/9/96
SC-04106-S	RADIUM-226	1.74	0.13	0.32	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3139		WP0116.0	9/17/96	0000024371	8/9/96
SC-04106-S	RADIUM-228	1.42	0.19	0.50	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3139		WP0116.0	9/17/96	0000024371	8/9/96
SC-04106-S	THORIUM-230	2.90	0.15	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3139		WP0116.0	8/14/96	0000024371	8/9/96
SC-04106-S	URANIUM-238	2.97	1.20	3.63	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3139		WP0116.0	9/17/96	0000024371	8/9/96
SC-04107-S	RADIUM-226	1.32	0.10	0.28	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3140		WP0116.0	9/17/96	0000024363	8/9/96
SC-04107-S	RADIUM-228	1.28	0.13	0.41	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3140		WP0116.0	9/17/96	0000024363	8/9/96
SC-04107-S	URANIUM-238	ND		3.17	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3140		WP0116.0	9/17/96	0000024363	8/9/96
SC-04108-S	URANIUM-238	ND		3.21	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3141		WP0116.0	8/12/96	0000024372	8/9/96
SC-04109-S	URANIUM-238	ND		3.85	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3142		WP0116.0	8/12/96	0000024373	8/9/96
SC-04110-S	AROCLOR-1248	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11780004	U	QT1443.0	8/13/96	0000024374	8/9/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-04110-S	AROCLOR-1254	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11780004	U	QT1443.0	8/13/96	0000024374	8/9/96
SC-04110-S	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11780004	U	QT1443.0	8/13/96	0000024374	8/9/96
SC-04110-S	ARSENIC	6.10		0.48	UG/G	*		EPA CLP	SOIL	METALS	1.00	11780004		QT1443.0	8/13/96	0000024374	8/9/96
SC-04110-S	CHROMIUM	15.40		0.56	UG/G	*		EPA CLP	SOIL	METALS	1.00	11780004		QT1443.0	8/13/96	0000024374	8/9/96
SC-04110-S	LEAD	12.50		0.34	UG/G	*		EPA CLP	SOIL	METALS	1.00	11780004		QT1443.0	8/13/96	0000024374	8/9/96
SC-04110-S	RADIUM-226	1.35	0.13	0.41	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3143		WP0116.0	9/17/96	0000024374	8/9/96
SC-04110-S	RADIUM-228	1.24	0.17	0.50	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3143		WP0116.0	9/17/96	0000024374	8/9/96
SC-04110-S	THORIUM-230	2.77	0.15	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3143		WP0116.0	9/14/96	0000024374	8/9/96
SC-04110-S	URANIUM-238	ND		4.46	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3143		WP0116.0	9/17/96	0000024374	8/9/96
SC-04111-S	AROCLOR-1248	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11780005	U	QT1443.0	8/13/96	0000024375	8/9/96
SC-04111-S	AROCLOR-1254	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11780005	U	QT1443.0	8/13/96	0000024375	8/9/96
SC-04111-S	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11780005	U	QT1443.0	8/13/96	0000024375	8/9/96
SC-04111-S	ARSENIC	8.20		0.49	UG/G	*		EPA CLP	SOIL	METALS	1.00	11780005		QT1443.0	8/13/96	0000024375	8/9/96
SC-04111-S	CHROMIUM	12.20		0.56	UG/G	*		EPA CLP	SOIL	METALS	1.00	11780005		QT1443.0	8/13/96	0000024375	8/9/96
SC-04111-S	LEAD	12.00		0.34	UG/G	*		EPA CLP	SOIL	METALS	1.00	11780005		QT1443.0	8/13/96	0000024375	8/9/96
SC-04111-S	RADIUM-226	1.46	0.10	0.35	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3144		WP0116.0	9/17/96	0000024375	8/9/96
SC-04111-S	RADIUM-228	1.22	0.13	0.44	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3144		WP0116.0	9/17/96	0000024375	8/9/96
SC-04111-S	THORIUM-230	2.76	0.14	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3144		WP0116.0	9/14/96	0000024375	8/9/96
SC-04111-S	URANIUM-238	3.41	0.80	2.66	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3144		WP0116.0	9/17/96	0000024375	8/9/96
SC-04112-S	AROCLOR-1248	ND		43.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11780006	U	QT1443.0	8/13/96	0000024376	8/9/96
SC-04112-S	AROCLOR-1254	190.00		43.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11780006		QT1443.0	8/13/96	0000024376	8/9/96
SC-04112-S	AROCLOR-1260	ND		43.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11780006	U	QT1443.0	8/13/96	0000024376	8/9/96
SC-04112-S	ARSENIC	3.50		0.52	UG/G	*		EPA CLP	SOIL	METALS	1.00	11780006		QT1443.0	8/13/96	0000024376	8/9/96
SC-04112-S	CHROMIUM	16.40		0.60	UG/G	*		EPA CLP	SOIL	METALS	1.00	11780006		QT1443.0	8/13/96	0000024376	8/9/96
SC-04112-S	LEAD	10.70		0.36	UG/G	*		EPA CLP	SOIL	METALS	1.00	11780006		QT1443.0	8/13/96	0000024376	8/9/96
SC-04112-S	RADIUM-226	1.35	0.12	0.38	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3145		WP0116.0	9/17/96	0000024376	8/9/96
SC-04112-S	RADIUM-228	1.10	0.19	0.54	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3145		WP0116.0	9/17/96	0000024376	8/9/96
SC-04112-S	THORIUM-230	2.58	0.13	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3145		WP0116.0	9/14/96	0000024376	8/9/96
SC-04112-S	URANIUM-238	ND		4.31	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3145		WP0116.0	9/17/96	0000024376	8/9/96
SC-04113-S	AROCLOR-1248	ND		38.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11780007	U	QT1443.0	8/13/96	0000024377	8/9/96
SC-04113-S	AROCLOR-1254	ND		38.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11780007	U	QT1443.0	8/13/96	0000024377	8/9/96
SC-04113-S	AROCLOR-1260	ND		38.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11780007	U	QT1443.0	8/13/96	0000024377	8/9/96
SC-04113-S	ARSENIC	7.00		0.46	UG/G	*		EPA CLP	SOIL	METALS	1.00	11780007		QT1443.0	8/13/96	0000024377	8/9/96
SC-04113-S	CHROMIUM	12.80		0.53	UG/G	*		EPA CLP	SOIL	METALS	1.00	11780007		QT1443.0	8/13/96	0000024377	8/9/96
SC-04113-S	LEAD	13.00		0.32	UG/G	*		EPA CLP	SOIL	METALS	1.00	11780007		QT1443.0	8/13/96	0000024377	8/9/96
SC-04113-S	RADIUM-226	1.82	0.14	0.38	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3146		WP0116.0	9/30/96	0000024377	8/9/96
SC-04113-S	RADIUM-228	1.47	0.19	0.57	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3146		WP0116.0	9/30/96	0000024377	8/9/96
SC-04113-S	THORIUM-230	2.85	0.15	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3146		WP0116.0	9/16/96	0000024377	8/9/96
SC-04113-S	URANIUM-238	3.39	1.41	4.33	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3146		WP0116.0	9/30/96	0000024377	8/9/96
SC-04114-S	URANIUM-238	ND		3.03	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3147		WP0116.0	9/12/96	0000024378	8/9/96
SC-04115-S	AROCLOR-1248	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11780008	U	QT1443.0	8/13/96	0000024379	8/9/96
SC-04115-S	AROCLOR-1254	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11780008	U	QT1443.0	8/13/96	0000024379	8/9/96
SC-04115-S	AROCLOR-1260	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11780008	U	QT1443.0	8/13/96	0000024379	8/9/96
SC-04115-S	ARSENIC	9.50		0.51	UG/G	*		EPA CLP	SOIL	METALS	1.00	11780008		QT1443.0	8/13/96	0000024379	8/9/96
SC-04115-S	CHROMIUM	17.40		0.56	UG/G	*		EPA CLP	SOIL	METALS	1.00	11780008		QT1443.0	8/13/96	0000024379	8/9/96
SC-04115-S	LEAD	13.00		0.36	UG/G	*		EPA CLP	SOIL	METALS	1.00	11780008		QT1443.0	8/13/96	0000024379	8/9/96
SC-04115-S	RADIUM-226	1.59	0.11	0.37	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3148		WP0116.0	9/17/96	0000024379	8/9/96
SC-04115-S	RADIUM-228	1.26	0.13	0.37	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3148		WP0116.0	9/17/96	0000024379	8/9/96
SC-04115-S	THORIUM-230	2.78	0.14	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3148		WP0116.0	9/14/96	0000024379	8/9/96
SC-04115-S	URANIUM-238	ND		3.29	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3148		WP0116.0	9/17/96	0000024379	8/9/96
SC-04116-S	RADIUM-226	1.48	0.09	0.30	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3114		WP0114.0	9/17/96	0000024364	8/7/96
SC-04116-S	RADIUM-228	0.99	0.13	0.53	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3114		WP0114.0	9/17/96	0000024364	8/7/96
SC-04116-S	URANIUM-238	5.05	0.68	2.44	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3114		WP0114.0	9/17/96	0000024364	8/7/96
SC-04117-S	RADIUM-226	0.88	0.11	0.37	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3115		WP0114.0	9/17/96	0000024365	8/7/96
SC-04117-S	RADIUM-228	1.17	0.17	0.15	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3115		WP0114.0	9/17/96	0000024365	8/7/96
SC-04117-S	URANIUM-238	16.40	2.22	3.83	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3115		WP0114.0	9/17/96	0000024365	8/7/96
SC-04118-S	AROCLOR-1248	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11751012	U	QT1440.0	8/8/96	0000024380	8/7/96
SC-04118-S	AROCLOR-1254	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11751012	U	QT1440.0	8/8/96	0000024380	8/7/96
SC-04118-S	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11751012	U	QT1440.0	8/8/96	0000024380	8/7/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-04118-S	ARSENIC	5.70		0.49	UG/G	*		EPA CLP	SOIL	METALS	1.00	11751012		QT1440.0	8/8/96	0000024380	8/7/96
SC-04118-S	CHROMIUM	13.30		0.56	UG/G	*		EPA CLP	SOIL	METALS	1.00	11751012		QT1440.0	8/8/96	0000024380	8/7/96
SC-04118-S	LEAD	9.80		0.34	UG/G	*		EPA CLP	SOIL	METALS	1.00	11751012		QT1440.0	8/8/96	0000024380	8/7/96
SC-04118-S	RADIUM-226	1.22	0.10	0.29	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3116		WP0114.0	9/17/96	0000024380	8/7/96
SC-04118-S	RADIUM-228	1.27	0.13	0.41	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3116		WP0114.0	9/17/96	0000024380	8/7/96
SC-04118-S	THALLIUM	2.20		0.78	UG/G	*		EPA CLP	SOIL	METALS	1.00	11751012	B	QT1440.0	8/8/96	0000024380	8/7/96
SC-04118-S	THORIUM-230	2.46	0.01	2.27	PCI/G	J		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3116		WP0114.0	8/8/96	0000024380	8/7/96
SC-04118-S	URANIUM-238	2.88	0.89	2.29	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3116		WP0114.0	9/17/96	0000024380	8/7/96
SC-04201-U	AROCLOR-1248	ND		15.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-57		LK0422.0	7/3/96	0000028372	6/28/96
SC-04201-U	AROCLOR-1254	ND		15.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-57		LK0422.0	7/3/96	0000028372	6/28/96
SC-04201-U	AROCLOR-1260	ND		15.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-57		LK0422.0	7/3/96	0000028372	6/28/96
SC-04201-U	ARSENIC	4.10		0.46	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-29		LK0422.0	7/3/96	0000028372	6/28/96
SC-04201-U	CHROMIUM	23.30		0.23	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-29		LK0422.0	7/3/96	0000028372	6/28/96
SC-04201-U	LEAD	9.60		0.23	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-29		LK0422.0	7/3/96	0000028372	6/28/96
SC-04201-U	RADIUM-226	1.44	0.12	0.30	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2726		WP0096.0	8/8/96	0000028372	6/28/96
SC-04201-U	RADIUM-228	1.41	0.21	0.73	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2726		WP0096.0	8/8/96	0000028372	6/28/96
SC-04201-U	THORIUM-230	1.07	0.14	0.02	PCI/G	A		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7356-1		LK0422.0	7/4/96	0000028372	6/28/96
SC-04201-U	URANIUM-238	ND		4.31	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2726		WP0096.0	8/8/96	0000028372	6/28/96
SC-04202-S	URANIUM-238	2.15	0.89	2.67	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2680		WP0095.0	7/1/96	0000024391	6/28/96
SC-04202-U	AROCLOR-1248	ND		15.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7358-58		LK0422.0	7/3/96	0000028373	6/26/96
SC-04202-U	AROCLOR-1254	13.50		15.00	UG/KG	U	*T*	EPA 8080A	SOIL	PEST/PCBS	1.00	L7358-58	J	LK0422.0	7/5/96	0000028373	6/26/96
SC-04202-U	AROCLOR-1260	5.50		15.00	UG/KG	U	*T*	EPA 8080A	SOIL	PEST/PCBS	1.00	L7358-58		LK0422.0	7/3/96	0000028373	6/26/96
SC-04202-U	ARSENIC	4.00		0.45	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-30		LK0422.0	7/3/96	0000028373	6/26/96
SC-04202-U	CHROMIUM	22.30		0.22	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-30		LK0422.0	7/3/96	0000028373	6/26/96
SC-04202-U	LEAD	10.10		0.22	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-30		LK0422.0	7/3/96	0000028373	6/26/96
SC-04202-U	RADIUM-226	1.52	0.11	0.34	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2727		WP0096.0	8/8/96	0000028373	6/26/96
SC-04202-U	RADIUM-228	1.26	0.13	0.37	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2727		WP0096.0	8/8/96	0000028373	6/26/96
SC-04202-U	THORIUM-230	1.09	0.14	0.03	PCI/G	A		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7356-2		LK0422.0	7/4/96	0000028373	6/26/96
SC-04202-U	URANIUM-238	3.31	0.73	1.97	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2727		WP0096.0	8/8/96	0000028373	6/26/96
SC-04203-C	URANIUM-238	ND		3.88	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2682		WP0095.0	7/3/96	0000024382	6/26/96
SC-04203-S	AROCLOR-1248	ND		14.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7348-21		LK0421.0	6/30/96	0000024381	6/28/96
SC-04203-S	AROCLOR-1254	ND		14.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7348-21		LK0421.0	6/30/96	0000024381	6/28/96
SC-04203-S	AROCLOR-1260	ND		14.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7348-21		LK0421.0	6/30/96	0000024381	6/28/96
SC-04203-S	ARSENIC	8.80		0.42	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7348-33		LK0421.0	7/1/96	0000024381	6/28/96
SC-04203-S	CHROMIUM	20.80		0.11	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7348-33		LK0421.0	7/1/96	0000024381	6/28/96
SC-04203-S	LEAD	14.90		0.11	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7348-33		LK0421.0	7/1/96	0000024381	6/28/96
SC-04203-S	RADIUM-226	1.48	0.14	0.27	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2683		WP0095.0	8/8/96	0000024381	6/28/96
SC-04203-S	RADIUM-228	1.47	0.19	0.64	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2683		WP0095.0	8/8/96	0000024381	6/28/96
SC-04203-S	THORIUM-230	1.19	0.13	0.03	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7348-6		LK0421.0	6/30/96	0000024381	6/28/96
SC-04203-S	URANIUM-238	ND		4.29	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2683		WP0095.0	8/8/96	0000024381	6/28/96
SC-04203-U	AROCLOR-1248	ND		15.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-59		LK0422.0	7/3/96	0000028375	6/28/96
SC-04203-U	AROCLOR-1254	ND		15.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-59		LK0422.0	7/3/96	0000028375	6/28/96
SC-04203-U	AROCLOR-1260	ND		15.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-59		LK0422.0	7/3/96	0000028375	6/28/96
SC-04203-U	ARSENIC	5.00		0.47	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-31		LK0422.0	7/3/96	0000028375	6/28/96
SC-04203-U	CHROMIUM	23.60		0.24	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-31		LK0422.0	7/3/96	0000028375	6/28/96
SC-04203-U	LEAD	20.10		0.24	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-31		LK0422.0	7/3/96	0000028375	6/28/96
SC-04203-U	RADIUM-226	1.14	0.12	0.44	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2728		WP0096.0	8/8/96	0000028375	6/26/96
SC-04203-U	RADIUM-228	1.52	0.18	0.59	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2728		WP0096.0	8/8/96	0000028375	6/26/96
SC-04203-U	THORIUM-230	1.22	0.15	0.03	PCI/G	A	*	EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7356-3		LK0422.0	7/4/96	0000028375	6/26/96
SC-04203-U	URANIUM-238	1.80	0.85	2.83	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2728		WP0096.0	8/8/96	0000028375	6/26/96
SC-04204-S	AROCLOR-1248	ND		15.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7348-22		LK0421.0	7/1/96	0000024382	6/28/96
SC-04204-S	AROCLOR-1254	ND		15.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7348-22		LK0421.0	7/1/96	0000024382	6/28/96
SC-04204-S	AROCLOR-1260	ND		15.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7348-22		LK0421.0	7/1/96	0000024382	6/28/96
SC-04204-S	ARSENIC	5.50		0.46	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7348-34		LK0421.0	7/1/96	0000024382	6/28/96
SC-04204-S	CHROMIUM	18.50		0.23	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7348-34		LK0421.0	7/1/96	0000024382	6/28/96
SC-04204-S	LEAD	10.70		0.23	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7348-34		LK0421.0	7/1/96	0000024382	6/28/96
SC-04204-S	RADIUM-226	1.53	0.10	0.27	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2684		WP0095.0	8/8/96	0000024382	6/28/96
SC-04204-S	RADIUM-228	1.36	0.14	0.46	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2684		WP0095.0	8/8/96	0000024382	6/28/96
SC-04204-S	THORIUM-230	1.20	0.14	0.03	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7348-7		LK0421.0	6/30/96	0000024382	6/28/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-04204-S	URANIUM-238	2.39	0.73	2.38	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2684		WP0095.0	8/8/96	0000024382	6/28/96
SC-04204-U	AROCLOR-1248	ND		16.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-60		LK0422.0	7/3/96	0000026374	6/28/96
SC-04204-U	AROCLOR-1254	ND		16.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-60		LK0422.0	7/3/96	0000026374	6/28/96
SC-04204-U	AROCLOR-1260	ND		16.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-60		LK0422.0	7/3/96	0000026374	6/28/96
SC-04204-U	ARSENIC	3.20		0.48	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-32		LK0422.0	7/3/96	0000026374	6/28/96
SC-04204-U	CHROMIUM	23.30		0.23	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-32		LK0422.0	7/3/96	0000026374	6/28/96
SC-04204-U	LEAD	10.00		0.23	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-32		LK0422.0	7/3/96	0000026374	6/28/96
SC-04204-U	RADIUM-226	1.20	0.09	0.26	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2729		WP0096.0	8/8/96	0000026374	6/28/96
SC-04204-U	RADIUM-228	1.07	0.13	0.39	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2729		WP0096.0	8/8/96	0000026374	6/28/96
SC-04204-U	THORIUM-230	1.09	0.15	0.03	PCI/G	A		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7356-4		LK0422.0	7/4/96	0000026374	6/28/96
SC-04204-U	URANIUM-238	ND		3.15	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2729		WP0096.0	8/8/96	0000026374	6/28/96
SC-04205-U	AROCLOR-1248	ND		15.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-61		LK0422.0	7/3/96	0000026376	6/28/96
SC-04205-U	AROCLOR-1254	ND		15.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-61		LK0422.0	7/3/96	0000026376	6/28/96
SC-04205-U	AROCLOR-1260	ND		15.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-61		LK0422.0	7/3/96	0000026376	6/28/96
SC-04205-U	ARSENIC	2.80		0.45	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-33		LK0422.0	7/3/96	0000026376	6/28/96
SC-04205-U	CHROMIUM	24.90		0.22	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-33		LK0422.0	7/3/96	0000026376	6/28/96
SC-04205-U	LEAD	7.60		0.22	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-33		LK0422.0	7/3/96	0000026376	6/28/96
SC-04205-U	RADIUM-226	1.20	0.13	0.43	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2730		WP0096.0	8/11/96	0000026376	6/28/96
SC-04205-U	RADIUM-228	1.17	0.20	0.68	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2730		WP0096.0	8/11/96	0000026376	6/28/96
SC-04205-U	THORIUM-230	1.07	0.14	0.03	PCI/G	A		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7356-5		LK0422.0	7/4/96	0000026376	6/28/96
SC-04205-U	URANIUM-238	ND		4.11	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2730		WP0096.0	8/11/96	0000026376	6/28/96
SC-04206-S	URANIUM-238	ND		4.01	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2685		WP0095.0	7/1/96	0000024383	6/28/96
SC-04207-S	AROCLOR-1248	ND		14.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7348-23		LK0421.0	6/30/96	0000024383	6/28/96
SC-04207-S	AROCLOR-1254	ND		14.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7348-23		LK0421.0	6/30/96	0000024383	6/28/96
SC-04207-S	AROCLOR-1260	ND		14.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7348-23		LK0421.0	6/30/96	0000024383	6/28/96
SC-04207-S	ARSENIC	6.20		0.43	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7348-35		LK0421.0	7/1/96	0000024383	6/28/96
SC-04207-S	CHROMIUM	19.60		0.22	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7348-35		LK0421.0	7/1/96	0000024383	6/28/96
SC-04207-S	LEAD	13.10		0.65	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7348-35		LK0421.0	7/1/96	0000024383	6/28/96
SC-04207-S	RADIUM-226	1.19	0.09	0.27	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2686		WP0095.0	8/8/96	0000024383	6/28/96
SC-04207-S	RADIUM-228	0.94	0.12	0.39	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2686		WP0095.0	8/8/96	0000024383	6/28/96
SC-04207-S	THORIUM-230	1.17	0.13	0.03	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7348-8		LK0421.0	6/30/96	0000024383	6/28/96
SC-04207-S	URANIUM-238	ND		3.35	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2686		WP0095.0	8/8/96	0000024383	6/28/96
SC-04208-C	URANIUM-238	ND		4.18	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2687		WP0095.0	7/1/96	0000024384	6/28/96
SC-04208-S	AROCLOR-1248	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7348-24		LK0421.0	7/1/96	0000024384	6/28/96
SC-04208-S	AROCLOR-1254	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7348-24		LK0421.0	7/1/96	0000024384	6/28/96
SC-04208-S	AROCLOR-1260	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7348-24		LK0421.0	7/1/96	0000024384	6/28/96
SC-04208-S	ARSENIC	6.10		0.49	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7348-36		LK0421.0	7/1/96	0000024384	6/28/96
SC-04208-S	CHROMIUM	21.50		0.25	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7348-36		LK0421.0	7/1/96	0000024384	6/28/96
SC-04208-S	LEAD	12.20		0.25	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7348-36		LK0421.0	7/1/96	0000024384	6/28/96
SC-04208-S	RADIUM-226	1.28	0.12	0.38	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2688		WP0095.0	8/8/96	0000024384	6/28/96
SC-04208-S	RADIUM-228	1.38	0.16	0.43	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2688		WP0095.0	8/8/96	0000024384	6/28/96
SC-04208-S	THORIUM-230	1.10	0.14	0.03	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7348-9		LK0421.0	6/30/96	0000024384	6/28/96
SC-04208-S	URANIUM-238	ND		4.10	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2688		WP0095.0	8/8/96	0000024384	6/28/96
SC-04210-S	URANIUM-238	ND		4.12	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2689		WP0095.0	7/1/96	0000024385	6/28/96
SC-04211-S	AROCLOR-1248	ND		14.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7348-25		LK0421.0	7/1/96	0000024385	6/28/96
SC-04211-S	AROCLOR-1254	ND		14.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7348-25		LK0421.0	7/1/96	0000024385	6/28/96
SC-04211-S	AROCLOR-1260	ND		14.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7348-25		LK0421.0	7/1/96	0000024385	6/28/96
SC-04211-S	ARSENIC	5.30		0.43	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7348-37		LK0421.0	7/1/96	0000024385	6/28/96
SC-04211-S	CHROMIUM	18.40		0.21	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7348-37		LK0421.0	7/1/96	0000024385	6/28/96
SC-04211-S	LEAD	11.30		0.21	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7348-37		LK0421.0	7/1/96	0000024385	6/28/96
SC-04211-S	RADIUM-226	1.36	0.10	0.29	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2690		WP0095.0	8/8/96	0000024385	6/28/96
SC-04211-S	RADIUM-228	1.36	0.14	0.44	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2690		WP0095.0	8/8/96	0000024385	6/28/96
SC-04211-S	THORIUM-230	1.17	0.13	0.02	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7348-10		LK0421.0	6/30/96	0000024385	6/28/96
SC-04211-S	URANIUM-238	ND		3.41	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2690		WP0095.0	8/8/96	0000024385	6/28/96
SC-04212-S	AROCLOR-1248	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7348-26		LK0421.0	7/1/96	0000024386	6/28/96
SC-04212-S	AROCLOR-1254	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7348-26		LK0421.0	7/1/96	0000024386	6/28/96
SC-04212-S	AROCLOR-1260	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7348-26		LK0421.0	7/1/96	0000024386	6/28/96
SC-04212-S	ARSENIC	5.70		0.48	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7348-38		LK0421.0	7/1/96	0000024386	6/28/96
SC-04212-S	CHROMIUM	21.00		0.24	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7348-38		LK0421.0	7/1/96	0000024386	6/28/96

WSSRAP ID	PARAMETER	CONC	ERR	QL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-04212-S	LEAD	11.10		0.24	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7348-38		LK0421.0	7/1/96	0000024386	6/28/96
SC-04212-S	RADIUM-226	1.52	0.13	0.36	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2691		WP0095.0	8/8/96	0000024386	6/28/96
SC-04212-S	RADIUM-228	1.28	0.21	0.66	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2691		WP0095.0	8/8/96	0000024386	6/28/96
SC-04212-S	THORIUM-230	1.17	0.13	0.03	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7348-11		LK0421.0	6/30/96	0000024386	6/28/96
SC-04212-S	URANIUM-238	ND		4.04	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2691		WP0095.0	8/8/96	0000024386	6/28/96
SC-04214-C	URANIUM-238	ND		3.84	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2692		WP0095.0	7/2/96	0000024396	6/28/96
SC-04214-S	URANIUM-238	ND		3.00	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2693		WP0095.0	7/2/96	0000024397	6/28/96
SC-04215-S	AROCLOR-1248	ND		18.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7348-27		LK0421.0	7/1/96	0000024387	6/28/96
SC-04215-S	AROCLOR-1254	ND		18.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7348-27		LK0421.0	7/1/96	0000024387	6/28/96
SC-04215-S	AROCLOR-1260	ND		18.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7348-27		LK0421.0	7/1/96	0000024387	6/28/96
SC-04215-S	ARSENIC	4.00		0.49	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7348-39		LK0421.0	7/1/96	0000024387	6/28/96
SC-04215-S	CHROMIUM	18.40		0.25	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7348-39		LK0421.0	7/1/96	0000024387	6/28/96
SC-04215-S	LEAD	11.00		0.25	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7348-39		LK0421.0	7/1/96	0000024387	6/28/96
SC-04215-S	RADIUM-226	1.07	0.11	0.34	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2694		WP0095.0	8/8/96	0000024387	6/28/96
SC-04215-S	RADIUM-228	1.32	0.16	0.27	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2694		WP0095.0	8/8/96	0000024387	6/28/96
SC-04215-S	THORIUM-230	0.83	0.11	0.03	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7348-12		LK0421.0	6/30/96	0000024387	6/28/96
SC-04215-S	URANIUM-238	ND		4.07	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2694		WP0095.0	8/8/96	0000024387	6/28/96
SC-04216-C	URANIUM-238	ND		2.97	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2695		WP0095.0	7/2/96	0000024398	6/28/96
SC-04216-S	AROCLOR-1248	ND		18.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7348-28		LK0421.0	7/1/96	0000024388	6/28/96
SC-04216-S	AROCLOR-1254	ND		18.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7348-28		LK0421.0	7/1/96	0000024388	6/28/96
SC-04216-S	AROCLOR-1260	ND		18.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7348-28		LK0421.0	7/1/96	0000024388	6/28/96
SC-04216-S	ARSENIC	3.90		0.49	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7348-40		LK0421.0	7/1/96	0000024388	6/28/96
SC-04216-S	CHROMIUM	19.30		0.25	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7348-40		LK0421.0	7/1/96	0000024388	6/28/96
SC-04216-S	LEAD	9.80		0.25	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7348-40		LK0421.0	7/1/96	0000024388	6/28/96
SC-04216-S	RADIUM-226	1.16	0.09	0.25	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2696		WP0095.0	8/8/96	0000024388	6/28/96
SC-04216-S	RADIUM-228	1.32	0.13	0.44	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2696		WP0095.0	8/8/96	0000024388	6/28/96
SC-04216-S	THORIUM-230	0.99	0.12	0.03	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7348-13		LK0421.0	6/30/96	0000024388	6/28/96
SC-04216-S	URANIUM-238	ND		3.00	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2696		WP0095.0	8/8/96	0000024388	6/28/96
SC-04218-S	URANIUM-238	ND		3.63	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3149		WP0117.0	8/13/96	0000024396	8/12/96
SC-04219-S	AROCLOR-1248	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11796001	U	QT1446.0	8/14/96	0000024389	8/12/96
SC-04219-S	AROCLOR-1254	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11796001	U	QT1446.0	8/14/96	0000024389	8/12/96
SC-04219-S	AROCLOR-1260	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11796001	U	QT1446.0	8/14/96	0000024389	8/12/96
SC-04219-S	ARSENIC	6.40		0.47	UG/G	*		EPA CLP	SOIL	METALS	1.00	11796001		QT1446.0	8/14/96	0000024389	8/12/96
SC-04219-S	CHROMIUM	15.60		0.54	UG/G	*		EPA CLP	SOIL	METALS	1.00	11796001		QT1446.0	8/14/96	0000024389	8/12/96
SC-04219-S	LEAD	24.30		0.33	UG/G	*		EPA CLP	SOIL	METALS	1.00	11796001		QT1446.0	8/14/96	0000024389	8/12/96
SC-04219-S	RADIUM-226	1.32	0.12	0.38	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3150		WP0117.0	9/17/96	0000024389	8/12/96
SC-04219-S	RADIUM-228	1.66	0.17	0.38	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3150		WP0117.0	9/17/96	0000024389	8/12/96
SC-04219-S	THORIUM-230	2.56	0.11	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3150		WP0117.0	8/14/96	0000024389	8/12/96
SC-04219-S	URANIUM-238	ND		4.12	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3150		WP0117.0	9/17/96	0000024389	8/12/96
SC-04220-S	AROCLOR-1248	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11796002	U	QT1446.0	8/14/96	0000024390	8/12/96
SC-04220-S	AROCLOR-1254	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11796002	U	QT1446.0	8/14/96	0000024390	8/12/96
SC-04220-S	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11796002	U	QT1446.0	8/14/96	0000024390	8/12/96
SC-04220-S	ARSENIC	2.50		0.48	UG/G	*		EPA CLP	SOIL	METALS	1.00	11796002		QT1446.0	8/14/96	0000024390	8/12/96
SC-04220-S	CHROMIUM	10.30		0.55	UG/G	*		EPA CLP	SOIL	METALS	1.00	11796002		QT1446.0	8/14/96	0000024390	8/12/96
SC-04220-S	LEAD	8.70		0.34	UG/G	*		EPA CLP	SOIL	METALS	1.00	11796002		QT1446.0	8/14/96	0000024390	8/12/96
SC-04220-S	RADIUM-226	1.20	0.10	0.31	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3151		WP0117.0	9/17/96	0000024390	8/12/96
SC-04220-S	RADIUM-228	1.26	0.14	0.54	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3151		WP0117.0	9/17/96	0000024390	8/12/96
SC-04220-S	THORIUM-230	2.30	0.08	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3151		WP0117.0	8/14/96	0000024390	8/12/96
SC-04220-S	URANIUM-238	ND		3.07	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3151		WP0117.0	9/17/96	0000024390	8/12/96
SC-04224-C	URANIUM-238	ND		3.04	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3152		WP0117.0	8/13/96	0000024400	8/12/96
SC-04301-C	AROCLOR-1248	ND		14.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-62		LK0422.0	7/3/96	0000024418	6/28/96
SC-04301-C	AROCLOR-1254	25.00		14.00	UG/KG	A		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-62		LK0422.0	7/5/96	0000024418	6/28/96
SC-04301-C	AROCLOR-1260	ND		14.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-62		LK0422.0	7/3/96	0000024418	6/28/96
SC-04301-C	ARSENIC	7.70		0.42	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-34		LK0422.0	7/3/96	0000024418	6/28/96
SC-04301-C	CHROMIUM	23.90		0.21	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-34		LK0422.0	7/3/96	0000024418	6/28/96
SC-04301-C	LEAD	12.70		0.21	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-34		LK0422.0	7/3/96	0000024418	6/28/96
SC-04301-C	RADIUM-226	1.38	0.10	0.33	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2731		WP0096.0	8/11/96	0000024418	6/28/96
SC-04301-C	RADIUM-228	1.02	0.12	0.46	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2731		WP0096.0	8/11/96	0000024418	6/28/96
SC-04301-C	THORIUM-230	1.50	0.19	0.04	PCI/G	A		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7356-8		LK0422.0	7/4/96	0000024418	6/28/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-04301-S	AROCLOR-1248	ND		15.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7348-29		LK0421.0	7/1/96	0000024401	6/28/96
SC-04301-S	AROCLOR-1254	ND		15.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7348-29		LK0421.0	7/1/96	0000024401	6/28/96
SC-04301-S	AROCLOR-1260	ND		15.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7348-29		LK0421.0	7/1/96	0000024401	6/28/96
SC-04301-S	ARSENIC	5.40		0.47	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7348-41		LK0421.0	7/1/96	0000024401	6/28/96
SC-04301-S	CHROMIUM	20.60		0.23	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7348-41		LK0421.0	7/1/96	0000024401	6/28/96
SC-04301-S	LEAD	16.90		0.23	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7348-41		LK0421.0	7/1/96	0000024401	6/28/96
SC-04301-S	RADIUM-226	1.60	0.12	0.30	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2697		WP0095.0	8/6/96	0000024401	6/28/96
SC-04301-S	RADIUM-228	1.10	0.19	0.79	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2697		WP0095.0	8/6/96	0000024401	6/28/96
SC-04301-S	THORIUM-230	1.37	0.15	0.03	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7348-14		LK0421.0	6/30/96	0000024401	6/28/96
SC-04301-S	URANIUM-238	ND		3.89	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2697		WP0095.0	8/6/96	0000024401	6/28/96
SC-04301-U	AROCLOR-1248	ND		16.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-63		LK0422.0	7/3/96	0000028366	6/28/96
SC-04301-U	AROCLOR-1254	5.40		16.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-63		LK0422.0	7/5/96	0000028366	6/28/96
SC-04301-U	AROCLOR-1260	ND		16.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-63		LK0422.0	7/3/96	0000028366	6/28/96
SC-04301-U	ARSENIC	7.90		0.49	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-35		LK0422.0	7/3/96	0000028366	6/28/96
SC-04301-U	CHROMIUM	24.60		0.25	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-35		LK0422.0	7/3/96	0000028366	6/28/96
SC-04301-U	LEAD	13.80		0.25	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-35		LK0422.0	7/3/96	0000028366	6/28/96
SC-04301-U	RADIUM-226	1.38	0.13	0.27	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2732		WP0096.0	8/11/96	0000028366	6/28/96
SC-04301-U	RADIUM-228	ND		1.23	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2732		WP0096.0	8/11/96	0000028366	6/28/96
SC-04301-U	THORIUM-230	1.25	0.16	0.04	PCI/G	A		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7356-7		LK0422.0	7/4/96	0000028366	6/28/96
SC-04301-U	URANIUM-238	ND		3.85	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2732		WP0096.0	8/11/96	0000028366	6/28/96
SC-04302-S	AROCLOR-1248	ND		14.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-64		LK0422.0	7/3/96	0000024402	6/28/96
SC-04302-S	AROCLOR-1254	48.00		14.00	UG/KG	A		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-64		LK0422.0	7/5/96	0000024402	6/28/96
SC-04302-S	AROCLOR-1260	ND		14.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-64		LK0422.0	7/3/96	0000024402	6/28/96
SC-04302-S	ARSENIC	6.70		0.42	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-36		LK0422.0	7/3/96	0000024402	6/28/96
SC-04302-S	CHROMIUM	26.30		0.21	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-36		LK0422.0	7/3/96	0000024402	6/28/96
SC-04302-S	LEAD	23.40		0.21	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-36		LK0422.0	7/3/96	0000024402	6/28/96
SC-04302-S	RADIUM-226	1.54	0.11	0.32	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2733		WP0096.0	8/11/96	0000024402	6/28/96
SC-04302-S	RADIUM-228	1.25	0.13	0.41	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2733		WP0096.0	8/11/96	0000024402	6/28/96
SC-04302-S	THORIUM-230	1.12	0.16	0.04	PCI/G	A		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7356-8		LK0422.0	7/4/96	0000024402	6/28/96
SC-04302-S	URANIUM-238	ND		3.31	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2733		WP0096.0	8/11/96	0000024402	6/28/96
SC-04302-U	AROCLOR-1248	ND		14.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-65		LK0422.0	7/4/96	0000028367	6/28/96
SC-04302-U	AROCLOR-1254	100.00		14.00	UG/KG	A		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-65		LK0422.0	7/5/96	0000028367	6/28/96
SC-04302-U	AROCLOR-1260	ND		14.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-65		LK0422.0	7/4/96	0000028367	6/28/96
SC-04302-U	ARSENIC	6.80		0.42	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-37		LK0422.0	7/3/96	0000028367	6/28/96
SC-04302-U	CHROMIUM	25.80		0.21	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-37		LK0422.0	7/3/96	0000028367	6/28/96
SC-04302-U	LEAD	18.00		0.21	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-37		LK0422.0	7/3/96	0000028367	6/28/96
SC-04302-U	RADIUM-226	1.62	0.13	0.37	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2734		WP0096.0	8/11/96	0000028367	6/28/96
SC-04302-U	RADIUM-228	1.60	0.21	0.43	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2734		WP0096.0	8/11/96	0000028367	6/28/96
SC-04302-U	THORIUM-230	1.61	0.19	0.04	PCI/G	A		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7356-9		LK0422.0	7/4/96	0000028367	6/28/96
SC-04302-U	URANIUM-238	1.79	1.00	3.18	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2734		WP0096.0	8/11/96	0000028367	6/28/96
SC-04303-C	AROCLOR-1248	ND		14.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-66		LK0422.0	7/4/96	0000024419	6/28/96
SC-04303-C	AROCLOR-1254	24.40		14.00	UG/KG	NJ	"T"	EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-66		LK0422.0	7/5/96	0000024419	6/28/96
SC-04303-C	AROCLOR-1260	12.30		14.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-66		LK0422.0	7/4/96	0000024419	6/28/96
SC-04303-C	ARSENIC	5.50		0.43	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-38		LK0422.0	7/3/96	0000024419	6/28/96
SC-04303-C	CHROMIUM	20.70		0.21	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-38		LK0422.0	7/3/96	0000024419	6/28/96
SC-04303-C	LEAD	19.90		0.21	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-38		LK0422.0	7/3/96	0000024419	6/28/96
SC-04303-C	RADIUM-226	1.48	0.10	0.31	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2735		WP0096.0	8/11/96	0000024419	6/28/96
SC-04303-C	RADIUM-228	1.02	0.12	0.39	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2735		WP0096.0	8/11/96	0000024419	6/28/96
SC-04303-C	THORIUM-230	1.12	0.16	0.04	PCI/G	A		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7356-10		LK0422.0	7/4/96	0000024419	6/28/96
SC-04303-S	AROCLOR-1248	ND		14.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-67		LK0422.0	7/4/96	0000024403	6/28/96
SC-04303-S	AROCLOR-1254	ND		14.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-67		LK0422.0	7/4/96	0000024403	6/28/96
SC-04303-S	AROCLOR-1260	ND		14.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-67		LK0422.0	7/4/96	0000024403	6/28/96
SC-04303-S	ARSENIC	4.40		0.44	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-39		LK0422.0	7/3/96	0000024403	6/28/96
SC-04303-S	CHROMIUM	22.10		0.22	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-39		LK0422.0	7/3/96	0000024403	6/28/96
SC-04303-S	LEAD	13.10		0.22	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-39		LK0422.0	7/3/96	0000024403	6/28/96
SC-04303-S	RADIUM-226	1.34	0.13	0.45	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2736		WP0096.0	8/11/96	0000024403	6/28/96
SC-04303-S	RADIUM-228	1.09	0.21	0.81	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2736		WP0096.0	8/11/96	0000024403	6/28/96
SC-04303-S	THORIUM-230	0.87	0.12	0.02	PCI/G	A		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7356-11		LK0422.0	7/4/96	0000024403	6/28/96
SC-04303-S	URANIUM-238	ND		4.11	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2736		WP0096.0	8/11/96	0000024403	6/28/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-04303-U	AROCLOR-1248	ND		15.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-68		LK0422.0	7/4/96	0000028368	6/28/96
SC-04303-U	AROCLOR-1254	ND		15.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-68		LK0422.0	7/4/96	0000028368	6/28/96
SC-04303-U	AROCLOR-1260	ND		15.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-68		LK0422.0	7/4/96	0000028368	6/28/96
SC-04303-U	ARSENIC	6.70		0.47	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-40		LK0422.0	7/3/96	0000028368	6/28/96
SC-04303-U	CHROMIUM	24.80		0.24	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-40		LK0422.0	7/3/96	0000028368	6/28/96
SC-04303-U	LEAD	11.90		0.24	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-40		LK0422.0	7/3/96	0000028368	6/28/96
SC-04303-U	RADIUM-226	1.34	0.10	0.28	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2737		WP0096.0	8/11/96	0000028368	6/28/96
SC-04303-U	RADIUM-228	1.13	0.14	0.40	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2737		WP0096.0	8/11/96	0000028368	6/28/96
SC-04303-U	THORIUM-230	1.08	0.14	0.04	PCI/G	A		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7356-12		LK0422.0	7/4/96	0000028369	6/28/96
SC-04303-U	URANIUM-238	ND		3.12	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2737		WP0096.0	8/11/96	0000028368	6/28/96
SC-04304-S	URANIUM-238	ND		4.16	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2738		WP0096.0	8/11/96	0000024429	6/28/96
SC-04304-U	AROCLOR-1248	ND		15.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-69		LK0422.0	7/4/96	0000028369	6/28/96
SC-04304-U	AROCLOR-1254	ND		15.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-69		LK0422.0	7/4/96	0000028369	6/28/96
SC-04304-U	AROCLOR-1260	ND		15.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-69		LK0422.0	7/4/96	0000028369	6/28/96
SC-04304-U	ARSENIC	5.80		0.50	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-41		LK0422.0	7/3/96	0000028369	6/28/96
SC-04304-U	CHROMIUM	24.80		0.25	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-41		LK0422.0	7/3/96	0000028369	6/28/96
SC-04304-U	LEAD	18.60		0.25	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-41		LK0422.0	7/3/96	0000028369	6/28/96
SC-04304-U	RADIUM-226	1.17	0.10	0.34	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2739		WP0096.0	8/11/96	0000028369	6/28/96
SC-04304-U	RADIUM-228	1.26	0.14	0.40	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2739		WP0096.0	8/11/96	0000028369	6/28/96
SC-04304-U	THORIUM-230	1.28	0.16	0.04	PCI/G	A		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7356-13		LK0422.0	7/4/96	0000028369	6/28/96
SC-04304-U	URANIUM-238	ND		3.37	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2739		WP0096.0	8/11/96	0000028369	6/28/96
SC-04305-S	AROCLOR-1248	ND		15.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7348-30		LK0421.0	7/1/96	0000024404	6/28/96
SC-04305-S	AROCLOR-1254	ND		15.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7348-30		LK0421.0	7/1/96	0000024404	6/28/96
SC-04305-S	AROCLOR-1260	ND		15.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7348-30		LK0421.0	7/1/96	0000024404	6/28/96
SC-04305-S	ARSENIC	3.80		0.45	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7348-42		LK0421.0	7/1/96	0000024404	6/28/96
SC-04305-S	CHROMIUM	16.10		0.23	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7348-42		LK0421.0	7/1/96	0000024404	6/28/96
SC-04305-S	LEAD	8.60		0.23	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7348-42		LK0421.0	7/1/96	0000024404	6/28/96
SC-04305-S	RADIUM-226	1.44	0.10	0.34	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2698		WP0095.0	8/8/96	0000024404	6/28/96
SC-04305-S	RADIUM-228	1.13	0.12	0.41	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2698		WP0095.0	8/8/96	0000024404	6/28/96
SC-04305-S	THORIUM-230	1.13	0.12	0.02	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7348-15		LK0421.0	6/30/96	0000024404	6/28/96
SC-04305-S	URANIUM-238	2.17	0.82	2.30	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2698		WP0095.0	8/8/96	0000024404	6/28/96
SC-04305-U	AROCLOR-1248	ND		12.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-70		LK0422.0	7/4/96	0000028370	6/28/96
SC-04305-U	AROCLOR-1254	ND		12.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-70		LK0422.0	7/4/96	0000028370	6/28/96
SC-04305-U	AROCLOR-1260	ND		12.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-70		LK0422.0	7/4/96	0000028370	6/28/96
SC-04305-U	ARSENIC	3.50		0.43	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-42		LK0422.0	7/3/96	0000028370	6/28/96
SC-04305-U	CHROMIUM	17.10		0.21	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-42		LK0422.0	7/3/96	0000028370	6/28/96
SC-04305-U	LEAD	9.90		0.21	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-42		LK0422.0	7/3/96	0000028370	6/28/96
SC-04305-U	RADIUM-226	1.32	0.13	0.38	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2740		WP0096.0	8/12/96	0000028370	6/28/96
SC-04305-U	RADIUM-228	1.23	0.17	0.37	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2740		WP0096.0	8/12/96	0000028370	6/28/96
SC-04305-U	THORIUM-230	0.69	0.12	0.03	PCI/G	A		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7356-14		LK0422.0	7/4/96	0000028370	6/28/96
SC-04305-U	URANIUM-238	3.39	1.32	3.99	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2740		WP0096.0	8/12/96	0000028370	6/28/96
SC-04306-S	AROCLOR-1248	ND		15.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-71		LK0422.0	7/4/96	0000024405	6/28/96
SC-04306-S	AROCLOR-1254	ND		15.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-71		LK0422.0	7/4/96	0000024405	6/28/96
SC-04306-S	AROCLOR-1260	ND		15.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-71		LK0422.0	7/4/96	0000024405	6/28/96
SC-04306-S	ARSENIC	5.00		0.47	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-43		LK0422.0	7/3/96	0000024405	6/28/96
SC-04306-S	CHROMIUM	20.40		0.24	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-43		LK0422.0	7/3/96	0000024405	6/28/96
SC-04306-S	LEAD	14.00		0.24	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-43		LK0422.0	7/3/96	0000024405	6/28/96
SC-04306-S	RADIUM-226	1.28	0.09	0.36	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2741		WP0096.0	8/12/96	0000024405	6/28/96
SC-04306-S	RADIUM-228	1.37	0.13	0.48	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2741		WP0096.0	8/12/96	0000024405	6/28/96
SC-04306-S	THORIUM-230	0.95	0.13	0.03	PCI/G	A		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7356-15		LK0422.0	7/4/96	0000024405	6/28/96
SC-04306-S	URANIUM-238	1.94	0.67	2.42	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2741		WP0096.0	8/12/96	0000024405	6/28/96
SC-04306-U	AROCLOR-1248	ND		14.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-72		LK0422.0	7/3/96	0000028371	6/28/96
SC-04306-U	AROCLOR-1254	ND		14.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-72		LK0422.0	7/3/96	0000028371	6/28/96
SC-04306-U	AROCLOR-1260	ND		14.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-72		LK0422.0	7/3/96	0000028371	6/28/96
SC-04306-U	ARSENIC	4.50		0.42	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-44		LK0422.0	7/3/96	0000028371	6/28/96
SC-04306-U	CHROMIUM	20.10		0.21	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-44		LK0422.0	7/3/96	0000028371	6/28/96
SC-04306-U	LEAD	10.60		0.21	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-44		LK0422.0	7/3/96	0000028371	6/28/96
SC-04306-U	RADIUM-226	1.30	0.13	0.33	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2742		WP0096.0	8/12/96	0000028371	6/28/96
SC-04306-U	RADIUM-228	1.38	0.19	0.67	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2742		WP0096.0	8/12/96	0000028371	6/28/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-04306-U	THORIUM-230	1.06	0.15	0.04	PCI/G	A		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7356-18		LK0422.0	7/4/96	0000026371	6/26/96
SC-04306-U	URANIUM-238	10.10	1.67	3.96	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2742		WP0096.0	8/12/96	0000026371	6/26/96
SC-04307-S	AROCLOR-1248	ND		16.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-73		LK0422.0	7/3/96	0000024406	6/26/96
SC-04307-S	AROCLOR-1254	52.20		16.00	UG/KG	A	"T"	EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-73		LK0422.0	7/4/96	0000024406	6/26/96
SC-04307-S	AROCLOR-1260	ND		16.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-73		LK0422.0	7/3/96	0000024406	6/26/96
SC-04307-S	ARSENIC	6.60		0.47	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-45		LK0422.0	7/3/96	0000024406	6/26/96
SC-04307-S	CHROMIUM	22.70		0.24	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-45		LK0422.0	7/3/96	0000024406	6/26/96
SC-04307-S	LEAD	18.50		0.24	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-45		LK0422.0	7/3/96	0000024406	6/26/96
SC-04307-S	RADIUM-226	1.36	0.10	0.35	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2743		WP0096.0	8/12/96	0000024406	6/26/96
SC-04307-S	RADIUM-228	1.10	0.13	0.47	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2743		WP0096.0	8/12/96	0000024406	6/26/96
SC-04307-S	THORIUM-230	1.16	0.15	0.02	PCI/G	A		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7356-17		LK0422.0	7/4/96	0000024406	6/26/96
SC-04307-S	URANIUM-238	ND		3.47	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2743		WP0096.0	8/12/96	0000024406	6/26/96
SC-04307-S-HS01-0	RADIUM-226	1.49	0.10	0.32	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2814		WP0101.0	8/19/96	0000026855	7/17/96
SC-04307-S-HS01-0	RADIUM-228	1.22	0.14	0.47	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2814		WP0101.0	8/19/96	0000026855	7/17/96
SC-04307-S-HS01-0	URANIUM-238	49.60	4.83	3.50	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2814		WP0101.0	8/19/96	0000026855	7/17/96
SC-04308-S	URANIUM-238	ND		4.31	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2744		WP0096.0	7/3/96	0000024430	6/28/96
SC-04309-C	AROCLOR-1248	ND		15.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-74		LK0422.0	7/3/96	0000024420	6/28/96
SC-04309-C	AROCLOR-1254	ND		15.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-74		LK0422.0	7/3/96	0000024420	6/28/96
SC-04309-C	AROCLOR-1260	ND		15.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-74		LK0422.0	7/3/96	0000024420	6/28/96
SC-04309-C	ARSENIC	5.90		0.46	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-46		LK0422.0	7/3/96	0000024420	6/28/96
SC-04309-C	CHROMIUM	22.10		0.23	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-46		LK0422.0	7/3/96	0000024420	6/28/96
SC-04309-C	LEAD	21.50		0.23	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-46		LK0422.0	7/3/96	0000024420	6/28/96
SC-04309-C	RADIUM-226	1.16	0.11	0.32	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2745		WP0096.0	8/12/96	0000024420	6/28/96
SC-04309-C	RADIUM-228	ND		1.28	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2745		WP0096.0	8/12/96	0000024420	6/28/96
SC-04309-C	THORIUM-230	1.36	0.19	0.05	PCI/G	A		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7356-18		LK0422.0	7/4/96	0000024420	6/28/96
SC-04309-S	AROCLOR-1248	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7348-31		LK0421.0	7/1/96	0000024407	6/28/96
SC-04309-S	AROCLOR-1254	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7348-31		LK0421.0	7/1/96	0000024407	6/28/96
SC-04309-S	AROCLOR-1260	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7348-31		LK0421.0	7/1/96	0000024407	6/28/96
SC-04309-S	ARSENIC	4.20		0.47	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7348-43		LK0421.0	7/1/96	0000024407	6/28/96
SC-04309-S	CHROMIUM	18.20		0.24	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7348-43		LK0421.0	7/1/96	0000024407	6/28/96
SC-04309-S	LEAD	9.00		0.24	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7348-43		LK0421.0	7/1/96	0000024407	6/28/96
SC-04309-S	RADIUM-226	1.43	0.12	0.23	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2699		WP0095.0	6/6/96	0000024407	6/28/96
SC-04309-S	RADIUM-228	1.45	0.22	0.67	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2699		WP0095.0	6/6/96	0000024407	6/28/96
SC-04309-S	THORIUM-230	0.98	0.11	0.03	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7348-18		LK0421.0	6/30/96	0000024407	6/28/96
SC-04309-S	URANIUM-238	ND		3.79	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2699		WP0095.0	6/6/96	0000024407	6/28/96
SC-04310-S	AROCLOR-1248	ND		15.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-75		LK0422.0	7/3/96	0000024408	6/28/96
SC-04310-S	AROCLOR-1254	ND		15.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-75		LK0422.0	7/3/96	0000024408	6/28/96
SC-04310-S	AROCLOR-1260	ND		15.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-75		LK0422.0	7/3/96	0000024408	6/28/96
SC-04310-S	ARSENIC	2.00		0.49	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-47	B	LK0422.0	7/3/96	0000024408	6/28/96
SC-04310-S	CHROMIUM	21.70		0.24	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-47		LK0422.0	7/3/96	0000024408	6/28/96
SC-04310-S	LEAD	6.90		0.24	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-47		LK0422.0	7/3/96	0000024408	6/28/96
SC-04310-S	RADIUM-226	1.38	0.10	0.28	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2748		WP0096.0	8/12/96	0000024408	6/28/96
SC-04310-S	RADIUM-228	1.08	0.12	0.41	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2748		WP0096.0	8/12/96	0000024408	6/28/96
SC-04310-S	THORIUM-230	0.92	0.13	0.03	PCI/G	A		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7356-19		LK0422.0	7/4/96	0000024408	6/28/96
SC-04310-S	URANIUM-238	2.20	0.65	2.74	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2748		WP0096.0	8/12/96	0000024408	6/28/96
SC-04311-C	AROCLOR-1248	ND		16.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-76		LK0422.0	7/3/96	0000024421	6/28/96
SC-04311-C	AROCLOR-1254	ND		16.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-76		LK0422.0	7/3/96	0000024421	6/28/96
SC-04311-C	AROCLOR-1260	ND		16.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-76		LK0422.0	7/3/96	0000024421	6/28/96
SC-04311-C	ARSENIC	8.60		0.47	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-48		LK0422.0	7/3/96	0000024421	6/28/96
SC-04311-C	CHROMIUM	23.90		0.24	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-48		LK0422.0	7/3/96	0000024421	6/28/96
SC-04311-C	LEAD	13.40		0.24	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-48		LK0422.0	7/3/96	0000024421	6/28/96
SC-04311-C	RADIUM-226	1.29	0.12	0.35	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2747		WP0096.0	8/12/96	0000024421	6/28/96
SC-04311-C	RADIUM-228	1.45	0.20	0.68	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2747		WP0096.0	8/12/96	0000024421	6/28/96
SC-04311-C	THORIUM-230	1.26	0.16	0.03	PCI/G	J		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7356-20		LK0422.0	7/4/96	0000024421	6/28/96
SC-04311-S	AROCLOR-1248	ND		16.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-77		LK0422.0	7/3/96	0000024409	6/28/96
SC-04311-S	AROCLOR-1254	ND		16.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-77		LK0422.0	7/3/96	0000024409	6/28/96
SC-04311-S	AROCLOR-1260	ND		16.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-77		LK0422.0	7/3/96	0000024409	6/28/96
SC-04311-S	ARSENIC	4.10		0.46	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-49		LK0422.0	7/3/96	0000024409	6/28/96
SC-04311-S	CHROMIUM	24.40		0.24	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-49		LK0422.0	7/3/96	0000024409	6/28/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-04311-S	LEAD	8.40		0.24	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-49		LK0422.0	7/3/96	0000024409	6/28/96
SC-04311-S	RADIUM-226	1.37	0.10	0.30	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2748		WP0096.0	8/12/96	0000024409	6/28/96
SC-04311-S	RADIUM-228	1.16	0.12	0.41	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2748		WP0096.0	8/12/96	0000024409	6/28/96
SC-04311-S	THORIUM-230	1.19	0.19	0.04	PCI/G	A		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7356-21		LK0422.0	7/4/96	0000024409	6/28/96
SC-04311-S	URANIUM-238	ND		3.17	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2748		WP0096.0	8/12/96	0000024409	6/28/96
SC-04312-S	URANIUM-238	ND		3.06	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2749		WP0096.0	7/3/96	0000024431	6/28/96
SC-04313-S	AROCLOR-1248	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7348-32		LK0421.0	7/1/96	0000024410	6/28/96
SC-04313-S	AROCLOR-1254	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7348-32		LK0421.0	7/1/96	0000024410	6/28/96
SC-04313-S	AROCLOR-1260	ND		16.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7348-32		LK0421.0	7/1/96	0000024410	6/28/96
SC-04313-S	ARSENIC	4.10		0.48	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7348-44		LK0421.0	7/1/96	0000024410	6/28/96
SC-04313-S	CHROMIUM	18.50		0.25	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7348-44		LK0421.0	7/1/96	0000024410	6/28/96
SC-04313-S	LEAD	9.60		0.25	UG/G	*		EPA 6020	SOIL	METALS	1.00	L7348-44		LK0421.0	7/1/96	0000024410	6/28/96
SC-04313-S	RADIUM-226	1.35	0.10	0.30	PCI/G	*	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2700		WP0095.0	8/8/96	0000024410	6/28/96
SC-04313-S	RADIUM-228	1.20	0.13	0.39	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2700		WP0095.0	8/8/96	0000024410	6/28/96
SC-04313-S	THORIUM-230	1.17	0.12	0.02	PCI/G	*		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7348-17		LK0421.0	6/30/96	0000024410	6/28/96
SC-04313-S	URANIUM-238	2.54	0.74	2.89	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2700		WP0095.0	8/8/96	0000024410	6/28/96
SC-04314-C	AROCLOR-1248	ND		15.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-78		LK0422.0	7/3/96	0000024422	6/28/96
SC-04314-C	AROCLOR-1254	ND		15.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-78		LK0422.0	7/3/96	0000024422	6/28/96
SC-04314-C	AROCLOR-1260	ND		15.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-78		LK0422.0	7/3/96	0000024422	6/28/96
SC-04314-C	ARSENIC	ND		3.70	UG/G	3.7U	*T*	EPA 6020	SOIL	METALS	1.00	L7356-50		LK0422.0	7/3/96	0000024422	6/28/96
SC-04314-C	CHROMIUM	28.70		0.24	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-50		LK0422.0	7/3/96	0000024422	6/28/96
SC-04314-C	LEAD	9.70		0.24	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-50		LK0422.0	7/3/96	0000024422	6/28/96
SC-04314-C	RADIUM-226	1.09	0.13	0.48	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2750		WP0096.0	8/12/96	0000024422	6/28/96
SC-04314-C	RADIUM-228	1.39	0.18	0.53	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2750		WP0096.0	8/12/96	0000024422	6/28/96
SC-04314-C	THORIUM-230	1.00	0.19	0.05	PCI/G	A		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7356-22		LK0422.0	7/4/96	0000024422	6/28/96
SC-04314-S	AROCLOR-1248	ND		16.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-79		LK0422.0	7/4/96	0000024411	6/28/96
SC-04314-S	AROCLOR-1254	ND		16.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-79		LK0422.0	7/4/96	0000024411	6/28/96
SC-04314-S	AROCLOR-1260	ND		16.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-79		LK0422.0	7/4/96	0000024411	6/28/96
SC-04314-S	ARSENIC	ND		4.60	UG/G	4.6U	*T*	EPA 6020	SOIL	METALS	1.00	L7356-51		LK0422.0	7/3/96	0000024411	6/28/96
SC-04314-S	CHROMIUM	22.60		0.25	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-51		LK0422.0	7/3/96	0000024411	6/28/96
SC-04314-S	LEAD	9.40		0.25	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-51		LK0422.0	7/3/96	0000024411	6/28/96
SC-04314-S	RADIUM-226	1.43	0.10	0.32	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2751		WP0096.0	8/12/96	0000024411	6/28/96
SC-04314-S	RADIUM-228	0.91	0.12	0.44	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2751		WP0096.0	8/12/96	0000024411	6/28/96
SC-04314-S	THORIUM-230	1.06	0.16	0.04	PCI/G	A		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7356-23		LK0422.0	7/4/96	0000024411	6/28/96
SC-04314-S	URANIUM-238	ND		3.13	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2751		WP0096.0	8/12/96	0000024411	6/28/96
SC-04315-S	AROCLOR-1248	ND		15.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-80		LK0422.0	7/4/96	0000024412	6/28/96
SC-04315-S	AROCLOR-1254	ND		15.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-80		LK0422.0	7/4/96	0000024412	6/28/96
SC-04315-S	AROCLOR-1260	ND		15.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-80		LK0422.0	7/4/96	0000024412	6/28/96
SC-04315-S	ARSENIC	ND		9.20	UG/G	9.2U	*T*	EPA 6020	SOIL	METALS	1.00	L7356-52		LK0422.0	7/3/96	0000024412	6/28/96
SC-04315-S	CHROMIUM	22.80		0.22	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-52		LK0422.0	7/3/96	0000024412	6/28/96
SC-04315-S	LEAD	25.20		0.22	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-52		LK0422.0	7/3/96	0000024412	6/28/96
SC-04315-S	RADIUM-226	1.46	0.14	0.44	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2752		WP0096.0	8/12/96	0000024412	6/28/96
SC-04315-S	RADIUM-228	1.18	0.17	0.57	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2752		WP0096.0	8/12/96	0000024412	6/28/96
SC-04315-S	THORIUM-230	1.40	0.25	0.06	PCI/G	J		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7356-24		LK0422.0	7/4/96	0000024412	6/28/96
SC-04315-S	URANIUM-238	ND		3.94	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2752		WP0096.0	8/12/96	0000024412	6/28/96
SC-04316-C	AROCLOR-1248	ND		14.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-81		LK0422.0	7/4/96	0000024423	6/28/96
SC-04316-C	AROCLOR-1254	9.30		14.00	UG/KG	U	*T*	EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-81		LK0422.0	7/4/96	0000024423	6/28/96
SC-04316-C	AROCLOR-1260	ND		14.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-81		LK0422.0	7/4/96	0000024423	6/28/96
SC-04316-C	ARSENIC	ND		5.40	UG/G	5.4U	*T*	EPA 6020	SOIL	METALS	1.00	L7356-53		LK0422.0	7/3/96	0000024423	6/28/96
SC-04316-C	CHROMIUM	22.30		0.21	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-53		LK0422.0	7/3/96	0000024423	6/28/96
SC-04316-C	LEAD	10.90		0.21	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-53		LK0422.0	7/3/96	0000024423	6/28/96
SC-04316-C	RADIUM-226	1.26	0.10	0.28	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2753		WP0096.0	8/12/96	0000024423	6/28/96
SC-04316-C	RADIUM-228	1.27	0.13	0.46	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2753		WP0096.0	8/12/96	0000024423	6/28/96
SC-04316-C	THORIUM-230	1.03	0.14	0.03	PCI/G	A		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7356-25		LK0422.0	7/4/96	0000024423	6/28/96
SC-04316-S	AROCLOR-1248	ND		16.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-82		LK0422.0	7/4/96	0000024413	6/28/96
SC-04316-S	AROCLOR-1254	ND		16.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-82		LK0422.0	7/4/96	0000024413	6/28/96
SC-04316-S	AROCLOR-1260	ND		16.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-82		LK0422.0	7/4/96	0000024413	6/28/96
SC-04316-S	ARSENIC	ND		5.70	UG/G	5.7U	*T*	EPA 6020	SOIL	METALS	1.00	L7356-54		LK0422.0	7/3/96	0000024413	6/28/96
SC-04316-S	CHROMIUM	30.40		0.25	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-54		LK0422.0	7/3/96	0000024413	6/28/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-04316-S	LEAD	12.90		0.25	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-54		LK0422.0	7/3/96	0000024413	6/28/96
SC-04316-S	RADIUM-226	1.40	0.13	0.26	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2754		WP0096.0	8/12/96	0000024413	6/28/96
SC-04316-S	RADIUM-228	1.22	0.19	0.63	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2754		WP0096.0	8/12/96	0000024413	6/28/96
SC-04316-S	THORIUM-230	1.27	0.15	0.03	PCI/G	A		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7356-26		LK0422.0	7/4/96	0000024413	6/28/96
SC-04316-S	URANIUM-238	ND		4.01	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2754		WP0096.0	7/3/96	0000024413	6/28/96
SC-04317-C	AROCLOR-1248	ND		16.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-84		LK0422.0	7/4/96	0000024424	6/28/96
SC-04317-C	AROCLOR-1254	ND		16.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-84		LK0422.0	7/4/96	0000024424	6/28/96
SC-04317-C	AROCLOR-1260	ND		16.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-84		LK0422.0	7/4/96	0000024424	6/28/96
SC-04317-C	ARSENIC	ND		4.80	UG/G	4.8U	*T*	EPA 6020	SOIL	METALS	1.00	L7356-56		LK0422.0	7/3/96	0000024424	6/28/96
SC-04317-C	CHROMIUM	17.90		0.24	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-56		LK0422.0	7/3/96	0000024424	6/28/96
SC-04317-C	LEAD	9.80		0.24	UG/G	A		EPA 6020	SOIL	METALS	1.00	L7356-56		LK0422.0	7/3/96	0000024424	6/28/96
SC-04317-C	RADIUM-226	1.45	0.10	0.29	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2755		WP0096.0	8/12/96	0000024424	6/28/96
SC-04317-C	RADIUM-228	1.17	0.13	0.48	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2755		WP0096.0	8/12/96	0000024424	6/28/96
SC-04317-C	THORIUM-230	0.99	0.15	0.04	PCI/G	A		EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7356-28		LK0422.0	7/4/96	0000024424	6/28/96
SC-04317-S	AROCLOR-1248	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11796003	U	QT1446.0	8/14/96	0000024414	8/12/96
SC-04317-S	AROCLOR-1254	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11796003	U	QT1446.0	8/14/96	0000024414	8/12/96
SC-04317-S	AROCLOR-1260	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11796003	U	QT1446.0	8/14/96	0000024414	8/12/96
SC-04317-S	ARSENIC	5.00		0.47	UG/G	*		EPA CLP	SOIL	METALS	1.00	11796003		QT1446.0	8/14/96	0000024414	8/12/96
SC-04317-S	CHROMIUM	13.20		0.54	UG/G	*		EPA CLP	SOIL	METALS	1.00	11796003		QT1446.0	8/14/96	0000024414	8/12/96
SC-04317-S	LEAD	7.60		0.33	UG/G	*		EPA CLP	SOIL	METALS	1.00	11796003		QT1446.0	8/14/96	0000024414	8/12/96
SC-04317-S	RADIUM-226	1.55	0.11	0.33	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3153		WP0117.0	9/17/96	0000024414	8/12/96
SC-04317-S	RADIUM-228	1.16	0.13	0.44	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3153		WP0117.0	9/17/96	0000024414	8/12/96
SC-04317-S	THORIUM-230	2.44	0.09	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3153		WP0117.0	9/14/96	0000024414	8/12/96
SC-04317-S	URANIUM-238	ND		3.11	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3153		WP0117.0	9/17/96	0000024414	8/12/96
SC-04318-S	AROCLOR-1248	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11796004	U	QT1446.0	8/14/96	0000024415	8/12/96
SC-04318-S	AROCLOR-1254	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11796004	U	QT1446.0	8/14/96	0000024415	8/12/96
SC-04318-S	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11796004	U	QT1446.0	8/14/96	0000024415	8/12/96
SC-04318-S	ARSENIC	5.70		0.48	UG/G	*		EPA CLP	SOIL	METALS	1.00	11796004		QT1446.0	8/14/96	0000024415	8/12/96
SC-04318-S	CHROMIUM	17.20		0.56	UG/G	*		EPA CLP	SOIL	METALS	1.00	11796004		QT1446.0	8/14/96	0000024415	8/12/96
SC-04318-S	LEAD	8.70		0.34	UG/G	*		EPA CLP	SOIL	METALS	1.00	11796004		QT1446.0	8/14/96	0000024415	8/12/96
SC-04318-S	RADIUM-226	1.41	0.13	0.36	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3154		WP0117.0	9/17/96	0000024415	8/12/96
SC-04318-S	RADIUM-228	ND		1.40	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3154		WP0117.0	9/17/96	0000024415	8/12/96
SC-04318-S	THORIUM-230	2.65	0.11	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3154		WP0117.0	9/14/96	0000024415	8/12/96
SC-04318-S	URANIUM-238	ND		3.91	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3154		WP0117.0	9/17/96	0000024415	8/12/96
SC-04319-S	AROCLOR-1248	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11796005	U	QT1446.0	8/14/96	0000024416	8/12/96
SC-04319-S	AROCLOR-1254	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11796005	U	QT1446.0	8/14/96	0000024416	8/12/96
SC-04319-S	AROCLOR-1260	ND		40.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11796005	U	QT1446.0	8/14/96	0000024416	8/12/96
SC-04319-S	ARSENIC	6.70		0.49	UG/G	*		EPA CLP	SOIL	METALS	1.00	11796005		QT1446.0	8/14/96	0000024416	8/12/96
SC-04319-S	CHROMIUM	18.30		0.56	UG/G	*		EPA CLP	SOIL	METALS	1.00	11796005		QT1446.0	8/14/96	0000024416	8/12/96
SC-04319-S	LEAD	9.40		0.34	UG/G	*		EPA CLP	SOIL	METALS	1.00	11796005		QT1446.0	8/14/96	0000024416	8/12/96
SC-04319-S	RADIUM-226	1.19	0.12	0.30	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3155		WP0117.0	9/18/96	0000024416	8/12/96
SC-04319-S	RADIUM-228	1.49	0.19	0.41	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3155		WP0117.0	9/18/96	0000024416	8/12/96
SC-04319-S	THORIUM-230	2.77	0.12	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3155		WP0117.0	9/14/96	0000024416	8/12/96
SC-04319-S	URANIUM-238	ND		4.56	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3155		WP0117.0	9/18/96	0000024416	8/12/96
SC-04320-S	AROCLOR-1248	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11796006	U	QT1446.0	8/14/96	0000024417	8/12/96
SC-04320-S	AROCLOR-1254	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11796006	U	QT1446.0	8/14/96	0000024417	8/12/96
SC-04320-S	AROCLOR-1260	ND		41.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11796006	U	QT1446.0	8/14/96	0000024417	8/12/96
SC-04320-S	ARSENIC	11.10		0.50	UG/G	*		EPA CLP	SOIL	METALS	1.00	11796006		QT1446.0	8/14/96	0000024417	8/12/96
SC-04320-S	CHROMIUM	20.50		0.58	UG/G	*		EPA CLP	SOIL	METALS	1.00	11796006		QT1446.0	8/14/96	0000024417	8/12/96
SC-04320-S	LEAD	20.10		0.35	UG/G	*		EPA CLP	SOIL	METALS	1.00	11796006		QT1446.0	8/14/96	0000024417	8/12/96
SC-04320-S	RADIUM-226	1.56	0.11	0.38	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3156		WP0117.0	9/18/96	0000024417	8/12/96
SC-04320-S	RADIUM-228	1.25	0.13	0.33	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3156		WP0117.0	9/18/96	0000024417	8/12/96
SC-04320-S	THORIUM-230	2.86	0.15	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3156		WP0117.0	9/14/96	0000024417	8/12/96
SC-04320-S	URANIUM-238	ND		3.45	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3156		WP0117.0	9/18/96	0000024417	8/12/96
SC-04321-S	AROCLOR-1248	ND		37.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11857001	U	QT1450.0	8/20/96	0000024425	8/19/96
SC-04321-S	AROCLOR-1254	ND		37.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11857001	U	QT1450.0	8/20/96	0000024425	8/19/96
SC-04321-S	AROCLOR-1260	ND		37.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11857001	U	QT1450.0	8/20/96	0000024425	8/19/96
SC-04321-S	RADIUM-226	1.64	0.13	0.38	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3165		WP0121.0	9/24/96	0000024425	8/19/96
SC-04321-S	RADIUM-228	1.58	0.20	0.57	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3165		WP0121.0	9/24/96	0000024425	8/19/96

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SC-04321-S	URANIUM-235	ND		4.23	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3165		WP0121.0	9/24/96	0000024425	8/19/96
SC-04322-S	AROCLOR-1248	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11857002	U	QT1450.0	8/20/96	0000024428	8/19/96
SC-04322-S	AROCLOR-1254	48.00		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11857002		QT1450.0	8/20/96	0000024428	8/19/96
SC-04322-S	AROCLOR-1260	ND		39.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11857002	U	QT1450.0	8/20/96	0000024428	8/19/96
SC-04322-S	RADIUM-226	1.31	0.10	0.31	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3166		WP0121.0	9/24/96	0000024426	8/19/96
SC-04322-S	RADIUM-228	1.43	0.14	0.49	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3166		WP0121.0	9/24/96	0000024426	8/19/96
SC-04322-S	URANIUM-238	6.08	1.01	2.38	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3166		WP0121.0	9/24/96	0000024426	8/19/96
SC-04323-S	AROCLOR-1248	ND		38.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11857003	U	QT1450.0	8/20/96	0000024427	8/19/96
SC-04323-S	AROCLOR-1254	ND		38.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11857003	U	QT1450.0	8/20/96	0000024427	8/19/96
SC-04323-S	AROCLOR-1260	ND		38.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11857003	U	QT1450.0	8/20/96	0000024427	8/19/96
SC-04323-S	RADIUM-226	1.52	0.13	0.37	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3167		WP0121.0	9/24/96	0000024427	8/19/96
SC-04323-S	RADIUM-228	1.33	0.19	0.72	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3167		WP0121.0	9/24/96	0000024427	8/19/96
SC-04323-S	URANIUM-238	ND		4.42	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3167		WP0121.0	9/24/96	0000024427	8/19/96
SC-04324-S	AROCLOR-1248	ND		36.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11857004	U	QT1450.0	8/20/96	0000024428	8/19/96
SC-04324-S	AROCLOR-1254	66.00		36.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11857004		QT1450.0	8/20/96	0000024428	8/19/96
SC-04324-S	AROCLOR-1260	ND		36.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	11857004	U	QT1450.0	8/20/96	0000024428	8/19/96
SC-04324-S	RADIUM-226	1.48	0.10	0.29	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3168		WP0121.0	9/24/96	0000024428	8/19/96
SC-04324-S	RADIUM-228	1.13	0.12	0.41	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3168		WP0121.0	9/24/96	0000024428	8/19/96
SC-04324-S	URANIUM-238	3.73	0.88	3.06	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3168		WP0121.0	9/24/96	0000024428	8/19/96
SC-04401-S	URANIUM-238	ND		4.30	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2756		WP0096.0	7/3/96	0000024784	6/28/96
SC-04402-S	AROCLOR-1248	ND		41.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11618006	U	QT1426.0	7/21/96	0000024785	7/18/96
SC-04402-S	AROCLOR-1254	ND		41.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11618006	U	QT1426.0	7/21/96	0000024785	7/18/96
SC-04402-S	AROCLOR-1260	ND		41.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11618006	U	QT1426.0	7/21/96	0000024785	7/18/96
SC-04402-S	RADIUM-226	1.66	0.21	0.65	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2826		WP0102.0	7/22/96	0000024785	7/18/96
SC-04402-S	THORIUM-230	2.72	0.13	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC2826		WP0102.0	7/21/96	0000024785	7/18/96
SC-04402-S	URANIUM-238	ND		4.18	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2826		WP0102.0	7/22/96	0000024785	7/18/96
SC-04403-S	AROCLOR-1248	ND		40.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11618007	U	QT1426.0	7/20/96	0000024786	7/18/96
SC-04403-S	AROCLOR-1254	ND		40.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11618007	U	QT1426.0	7/20/96	0000024786	7/18/96
SC-04403-S	AROCLOR-1260	ND		40.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11618007	U	QT1426.0	7/20/96	0000024786	7/18/96
SC-04403-S	RADIUM-226	1.27	0.14	0.39	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2827		WP0102.0	7/22/96	0000024786	7/18/96
SC-04403-S	THORIUM-230	2.59	0.11	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC2827		WP0102.0	7/22/96	0000024786	7/18/96
SC-04403-S	URANIUM-238	ND		2.88	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2827		WP0102.0	7/22/96	0000024786	7/18/96
SC-04404-S	AROCLOR-1248	ND		42.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11618006	U	QT1426.0	7/22/96	0000024787	7/18/96
SC-04404-S	AROCLOR-1254	ND		42.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11618006	U	QT1426.0	7/22/96	0000024787	7/18/96
SC-04404-S	AROCLOR-1260	ND		42.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11618006	U	QT1426.0	7/22/96	0000024787	7/18/96
SC-04404-S	RADIUM-226	1.00	0.18	0.47	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2828		WP0102.0	7/22/96	0000024787	7/18/96
SC-04404-S	THORIUM-230	2.76	0.14	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC2828		WP0102.0	7/22/96	0000024787	7/18/96
SC-04404-S	URANIUM-238	ND		3.79	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2828		WP0102.0	7/22/96	0000024787	7/18/96
SC-04405-S	URANIUM-238	ND		4.22	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2829		WP0102.0	7/22/96	0000024788	7/18/96
SC-04406-S	URANIUM-238	ND		3.16	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2757		WP0096.0	7/3/96	0000024789	6/28/96
SC-04407-S	URANIUM-238	ND		3.13	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2830		WP0102.0	7/22/96	0000024790	7/18/96
SC-04408-S	AROCLOR-1248	ND		41.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11618009	U	QT1426.0	7/21/96	0000024776	7/18/96
SC-04408-S	AROCLOR-1254	100.00		41.00	UG/KG	A		EPA 8080A	SOIL	PEST/PCBS	1.00	11618009		QT1426.0	7/21/96	0000024776	7/18/96
SC-04408-S	AROCLOR-1260	ND		41.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11618009	U	QT1426.0	7/21/96	0000024776	7/18/96
SC-04408-S	URANIUM-238	7.30	1.34	3.88	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2831		WP0102.0	7/22/96	0000024776	7/18/96
SC-04409-S	AROCLOR-1248	ND		37.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11618010	U	QT1426.0	7/21/96	0000024777	7/18/96
SC-04409-S	AROCLOR-1254	39.00		37.00	UG/KG	A		EPA 8080A	SOIL	PEST/PCBS	1.00	11618010		QT1426.0	7/21/96	0000024777	7/18/96
SC-04409-S	AROCLOR-1260	ND		37.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11618010	U	QT1426.0	7/21/96	0000024777	7/18/96
SC-04409-S	RADIUM-226	0.97	0.13	0.40	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2832		WP0102.0	7/22/96	0000024777	7/18/96
SC-04409-S	THORIUM-230	3.14	0.17	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC2832		WP0102.0	7/21/96	0000024777	7/18/96
SC-04409-S	URANIUM-238	5.23	0.89	2.40	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2832		WP0102.0	7/22/96	0000024777	7/18/96
SC-04410-S	URANIUM-238	ND		2.94	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2834		WP0102.0	7/22/96	0000024791	7/18/96
SC-04411-S	BENZO(A)ANTHRACENE	0.43		6.00	UG/KG	UJ	"T"	EPA 8310	SOIL	SEMI-VOLATILES	1.00	L7356-85		LK0422.0	7/3/96	0000024779	6/28/96
SC-04411-S	BENZO(A)PYRENE	0.25		6.00	UG/KG	U	"T"	EPA 8310	SOIL	SEMI-VOLATILES	1.00	L7356-85		LK0422.0	7/3/96	0000024779	6/28/96
SC-04411-S	BENZO(B)FLUORANTHENE	7.20		12.00	UG/KG	U		EPA 8310	SOIL	SEMI-VOLATILES	1.00	L7356-85	J	LK0422.0	7/3/96	0000024779	6/28/96
SC-04411-S	BENZO(K)FLUORANTHENE	0.08		6.00	UG/KG	U	"T"	EPA 8310	SOIL	SEMI-VOLATILES	1.00	L7356-85		LK0422.0	7/3/96	0000024779	6/28/96
SC-04411-S	CHRYSENE	0.67		6.00	UG/KG	U	"T"	EPA 8310	SOIL	SEMI-VOLATILES	1.00	L7356-85	J	LK0422.0	7/3/96	0000024779	6/28/96
SC-04411-S	INDENO(1,2,3-CD)PYRENE	0.19		12.00	UG/KG	U	"T"	EPA 8310	SOIL	SEMI-VOLATILES	1.00	L7356-85		LK0422.0	7/3/96	0000024779	6/28/96
SC-04411-S	URANIUM-238	ND		3.98	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2758		WP0096.0	7/3/96	0000024779	6/28/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-04412-S	BENZO(A)ANTHRACENE	10.00		4.90	UG/KG	A		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11616012		QT1426.0	7/21/96	0000024780	7/18/96
SC-04412-S	BENZO(A)PYRENE	ND		8.70	UG/KG	U		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11616012	U	QT1426.0	7/21/96	0000024780	7/18/96
SC-04412-S	BENZO(B)FLUORANTHENE	ND		6.80	UG/KG	U		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11616012	U	QT1426.0	7/21/96	0000024780	7/18/96
SC-04412-S	BENZO(K)FLUORANTHENE	ND		6.40	UG/KG	U		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11616012	U	QT1426.0	7/21/96	0000024780	7/18/96
SC-04412-S	CHRYSENE	ND		56.00	UG/KG	U		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11616012	U	QT1426.0	7/21/96	0000024780	7/18/96
SC-04412-S	INDENO(1,2,3-CD)PYRENE	ND		15.00	UG/KG	U		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11616012	U	QT1426.0	7/21/96	0000024780	7/18/96
SC-04412-S	URANIUM-238	ND		3.62	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2835		WP0102.0	7/22/96	0000024780	7/18/96
SC-04413-C	AROCLOR-1248	ND		38.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11616013	U	QT1426.0	7/21/96	0000024778	7/18/96
SC-04413-C	AROCLOR-1254	ND		38.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11616013	U	QT1426.0	7/21/96	0000024778	7/18/96
SC-04413-C	AROCLOR-1260	ND		38.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11616013	U	QT1426.0	7/21/96	0000024778	7/18/96
SC-04413-C	RADIUM-226	0.96	0.12	0.37	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2836		WP0102.0	7/22/96	0000024778	7/18/96
SC-04413-C	THORIUM-230	2.53	0.11	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC2836		WP0102.0	7/22/96	0000024778	7/18/96
SC-04413-C	URANIUM-234	ND		2.97	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2836		WP0102.0	7/22/96	0000024778	7/18/96
SC-04413-S	URANIUM-238	ND		3.91	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2837		WP0102.0	7/22/96	0000024792	7/18/96
SC-04414-S	AROCLOR-1248	ND		35.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11616014	U	QT1426.0	7/21/96	0000024793	7/18/96
SC-04414-S	AROCLOR-1254	ND		35.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11616014	U	QT1426.0	7/21/96	0000024793	7/18/96
SC-04414-S	AROCLOR-1260	ND		35.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11616014	U	QT1426.0	7/21/96	0000024793	7/18/96
SC-04414-S	RADIUM-226	1.24	0.13	0.47	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2838		WP0102.0	7/22/96	0000024793	7/18/96
SC-04414-S	THORIUM-230	2.84	0.14	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC2838		WP0102.0	7/21/96	0000024793	7/18/96
SC-04414-S	URANIUM-238	7.60	1.09	2.44	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2838		WP0102.0	7/22/96	0000024793	7/18/96
SC-04415-S	URANIUM-238	ND		5.15	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2839		WP0102.0	7/22/96	0000024794	7/18/96
SC-04416-C	BENZO(A)ANTHRACENE	330.00		5.30	UG/KG	A		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11616015		QT1426.0	7/21/96	0000024783	7/18/96
SC-04416-C	BENZO(A)PYRENE	68.00		9.30	UG/KG	A		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11616015		QT1426.0	7/21/96	0000024783	7/18/96
SC-04416-C	BENZO(B)FLUORANTHENE	100.00		7.30	UG/KG	A		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11616015		QT1426.0	7/21/96	0000024783	7/18/96
SC-04416-C	BENZO(K)FLUORANTHENE	44.00		6.90	UG/KG	A		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11616015		QT1426.0	7/21/96	0000024783	7/18/96
SC-04416-C	CHRYSENE	190.00		61.00	UG/KG	A		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11616015		QT1426.0	7/21/96	0000024783	7/18/96
SC-04416-C	INDENO(1,2,3-CD)PYRENE	33.00		17.00	UG/KG	A		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11616015		QT1426.0	7/21/96	0000024783	7/18/96
SC-04416-S	BENZO(A)ANTHRACENE	0.46		5.90	UG/KG	UJ	*T*	EPA 8310	SOIL	SEMI-VOLATILES	1.00	L7356-86		LK0422.0	7/3/96	0000024781	6/26/96
SC-04416-S	BENZO(A)PYRENE	0.37		5.90	UG/KG	U	*T*	EPA 8310	SOIL	SEMI-VOLATILES	1.00	L7356-86	J	LK0422.0	7/3/96	0000024781	6/26/96
SC-04416-S	BENZO(B)FLUORANTHENE	25.00		12.00	UG/KG	UJ		EPA 8310	SOIL	SEMI-VOLATILES	1.00	L7356-86		LK0422.0	7/3/96	0000024781	6/26/96
SC-04416-S	BENZO(K)FLUORANTHENE	0.34		5.90	UG/KG	UJ	*T*	EPA 8310	SOIL	SEMI-VOLATILES	1.00	L7356-86	J	LK0422.0	7/3/96	0000024781	6/26/96
SC-04416-S	CHRYSENE	0.80		5.90	UG/KG	U	*T*	EPA 8310	SOIL	SEMI-VOLATILES	1.00	L7356-86	J	LK0422.0	7/3/96	0000024781	6/26/96
SC-04416-S	INDENO(1,2,3-CD)PYRENE	2.68		12.00	UG/KG	U		EPA 8310	SOIL	SEMI-VOLATILES	1.00	L7356-86		LK0422.0	7/3/96	0000024781	6/26/96
SC-04416-S	URANIUM-238	ND		3.22	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2759		WP0095.0	7/3/96	0000024781	6/26/96
SC-04417-S	BENZO(A)ANTHRACENE	74.00		5.40	UG/KG	A		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11616016		QT1426.0	7/21/96	0000024782	7/18/96
SC-04417-S	BENZO(A)PYRENE	ND		9.60	UG/KG	U		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11616016	U	QT1426.0	7/21/96	0000024782	7/18/96
SC-04417-S	BENZO(B)FLUORANTHENE	ND		7.50	UG/KG	U		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11616016	U	QT1426.0	7/21/96	0000024782	7/18/96
SC-04417-S	BENZO(K)FLUORANTHENE	ND		7.10	UG/KG	U		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11616016	U	QT1426.0	7/21/96	0000024782	7/18/96
SC-04417-S	CHRYSENE	ND		63.00	UG/KG	U		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11616016	U	QT1426.0	7/21/96	0000024782	7/18/96
SC-04417-S	INDENO(1,2,3-CD)PYRENE	ND		18.00	UG/KG	U		EPA 8310	SOIL	SEMI-VOLATILES	1.00	11616016	U	QT1426.0	7/21/96	0000024782	7/18/96
SC-04417-S	URANIUM-238	ND		3.01	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2840		WP0102.0	7/22/96	0000024782	7/18/96
SC-04418-S	AROCLOR-1248	ND		38.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11616017	U	QT1426.0	7/21/96	0000024795	7/18/96
SC-04418-S	AROCLOR-1254	ND		38.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11616017	U	QT1426.0	7/21/96	0000024795	7/18/96
SC-04418-S	AROCLOR-1260	ND		38.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11616017	U	QT1426.0	7/21/96	0000024795	7/18/96
SC-04418-S	RADIUM-226	1.21	0.16	0.45	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2841		WP0102.0	7/22/96	0000024795	7/18/96
SC-04418-S	THORIUM-230	2.68	0.12	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC2841		WP0102.0	7/21/96	0000024795	7/18/96
SC-04418-S	URANIUM-238	ND		3.91	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2841		WP0102.0	7/22/96	0000024795	7/18/96
SC-04419-S	AROCLOR-1248	ND		37.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11616018	U	QT1426.0	7/22/96	0000024796	7/18/96
SC-04419-S	AROCLOR-1254	150.00		37.00	UG/KG	A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11616018		QT1426.0	7/22/96	0000024796	7/18/96
SC-04419-S	AROCLOR-1260	38.00		37.00	UG/KG	A		EPA 8080A	SOIL	PEST/PCBS	1.00	11616018		QT1426.0	7/22/96	0000024796	7/18/96
SC-04419-S	RADIUM-226	1.99	0.21	0.72	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2842		WP0102.0	7/22/96	0000024796	7/18/96
SC-04419-S	THORIUM-230	4.89	0.28	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC2842		WP0102.0	7/22/96	0000024796	7/18/96
SC-04419-S	URANIUM-238	12.20	1.86	3.53	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2842		WP0102.0	7/22/96	0000024796	7/18/96
SC-04420-S	AROCLOR-1248	ND		40.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11616019	U	QT1426.0	7/21/96	0000024797	7/18/96
SC-04420-S	AROCLOR-1254	ND		40.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11616019	U	QT1426.0	7/21/96	0000024797	7/18/96
SC-04420-S	AROCLOR-1260	ND		40.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11616019	U	QT1426.0	7/21/96	0000024797	7/18/96
SC-04420-S	RADIUM-226	1.30	0.13	0.44	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2843		WP0102.0	7/22/96	0000024797	7/18/96
SC-04420-S	THORIUM-230	2.96	0.15	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC2843		WP0102.0	7/21/96	0000024797	7/18/96
SC-04420-S	URANIUM-238	5.35	0.69	2.03	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2843		WP0102.0	7/22/96	0000024797	7/18/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-04502-S	URANIUM-238	28.60	3.57	7.20	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2604		WP0091.0	6/26/96	0000024798	6/24/96
SC-04503-S	URANIUM-238	6.96	1.10	3.30	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2605		WP0091.0	6/26/96	0000024799	6/24/96
SC-04504-S	URANIUM-238	4.73	1.26	4.12	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2606		WP0091.0	6/26/96	0000024800	6/24/96
SC-04506-C	URANIUM-238	ND		3.82	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2607		WP0091.0	6/26/96	0000024816	6/24/96
SC-04506-S	URANIUM-238	ND		3.00	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2609		WP0091.0	6/26/96	0000024802	6/24/96
SC-04507-S	URANIUM-238	ND		2.84	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2610		WP0091.0	6/26/96	0000024803	6/24/96
SC-04508-S	URANIUM-238	ND		4.08	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2611		WP0091.0	6/26/96	0000024801	6/24/96
SC-04510-S	URANIUM-238	ND		4.01	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2612		WP0091.0	6/26/96	0000024804	6/24/96
SC-04511-C	URANIUM-238	ND		2.75	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2613		WP0091.0	6/26/96	0000024817	6/24/96
SC-04511-S	URANIUM-238	ND		2.75	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2614		WP0091.0	6/26/96	0000024805	6/24/96
SC-04512-S	URANIUM-238	ND		3.14	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2615		WP0091.0	6/26/96	0000024806	6/24/96
SC-04514-S	URANIUM-238	ND		3.80	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2616		WP0091.0	6/26/96	0000024807	6/24/96
SC-04515-S	URANIUM-238	ND		3.85	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2617		WP0091.0	6/26/96	0000024808	6/24/96
SC-04516-C	URANIUM-238	2.28	0.59	2.04	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2618		WP0091.0	6/26/96	0000024818	6/24/96
SC-04516-S	URANIUM-238	ND		3.02	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2619		WP0091.0	6/26/96	0000024809	6/24/96
SC-04518-S	URANIUM-238	ND		4.10	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2620		WP0091.0	6/26/96	0000024811	6/24/96
SC-04519-S	URANIUM-238	ND		3.91	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2621		WP0091.0	6/26/96	0000024810	6/24/96
SC-04520-S	URANIUM-238	ND		2.84	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2622		WP0091.0	6/26/96	0000024812	6/24/96
SC-04522-C	URANIUM-238	ND		3.18	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2623		WP0091.0	6/26/96	0000024819	6/24/96
SC-04522-S	URANIUM-238	ND		4.07	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2624		WP0091.0	6/26/96	0000024813	6/24/96
SC-04523-S	URANIUM-238	ND		3.57	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2625		WP0091.0	6/26/96	0000024814	6/24/96
SC-04524-S	URANIUM-238	ND		3.07	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2626		WP0091.0	6/26/96	0000024815	6/24/96
SC-04601-S	URANIUM-238	9.08	1.57	3.85	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2627		WP0091.0	6/26/96	0000024820	6/24/96
SC-04601-S-HS01-0	RADIUM-226	2.24	0.17	0.57	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2815		WP0101.0	8/19/96	0000028854	7/17/96
SC-04601-S-HS01-0	RADIUM-228	6.60	0.37	0.80	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2815		WP0101.0	8/19/96	0000028854	7/17/96
SC-04601-S-HS01-0	URANIUM-238	ND		7.76	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2815		WP0101.0	8/19/96	0000028854	7/17/96
SC-04601-S-HS02-0	RADIUM-226	1.43	0.10	0.29	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2816		WP0101.0	8/19/96	0000028856	7/17/96
SC-04601-S-HS02-0	RADIUM-228	1.28	0.13	0.54	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2816		WP0101.0	8/19/96	0000028856	7/17/96
SC-04601-S-HS02-0	URANIUM-238	4.33	0.76	2.24	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2816		WP0101.0	8/19/96	0000028856	7/17/96
SC-04602-S	URANIUM-238	ND		3.80	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2701		WP0095.0	7/1/96	0000024821	6/27/96
SC-04603-S	URANIUM-238	6.03	1.59	4.29	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2709		WP0095.0	7/3/96	0000024822	6/27/96
SC-04604-S	URANIUM-238	ND		4.52	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2704		WP0095.0	6/28/96	0000024823	6/27/96
SC-04605-S	URANIUM-238	ND		3.02	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2628		WP0091.0	6/26/96	0000024824	6/24/96
SC-04606-S	URANIUM-238	2.96	0.88	2.28	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2705		WP0095.0	7/3/96	0000024825	6/27/96
SC-04607-S	URANIUM-238	ND		4.27	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2708		WP0095.0	7/1/96	0000024826	6/27/96
SC-04608-S	URANIUM-238	ND		4.14	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2707		WP0095.0	7/2/96	0000024827	6/27/96
SC-04609-S	URANIUM-238	ND		2.83	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2630		WP0091.0	6/26/96	0000024828	6/24/96
SC-04610-S	URANIUM-238	1.06	0.42	1.62	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2706		WP0095.0	7/2/96	0000024829	6/27/96
SC-04611-S	URANIUM-238	ND		4.43	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2709		WP0095.0	7/1/96	0000024830	6/27/96
SC-04612-S	URANIUM-238	ND		4.45	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2710		WP0095.0	7/3/96	0000024831	6/27/96
SC-04613-S	URANIUM-238	ND		4.03	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2631		WP0091.0	6/26/96	0000024832	6/24/96
SC-04614-C	URANIUM-238	6.04	1.60	4.30	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2711		WP0095.0	7/1/96	0000024843	6/27/96
SC-04614-S	URANIUM-238	ND		3.15	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2712		WP0095.0	7/3/96	0000024833	6/27/96
SC-04615-S	URANIUM-238	ND		4.01	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2713		WP0095.0	7/1/96	0000024834	6/27/96
SC-04616-S	URANIUM-238	ND		4.31	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2714		WP0095.0	7/2/96	0000024835	6/27/96
SC-04617-S	URANIUM-238	ND		2.94	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2632		WP0091.0	6/26/96	0000024836	6/24/96
SC-04618-S	URANIUM-238	ND		4.27	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2715		WP0095.0	7/3/96	0000024837	6/27/96
SC-04619-S	URANIUM-238	ND		3.19	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2716		WP0095.0	7/3/96	0000024838	6/27/96
SC-04620-S	URANIUM-238	ND		4.11	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2717		WP0095.0	7/1/96	0000024839	6/27/96
SC-04621-S	URANIUM-238	2.16	0.57	2.21	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2633		WP0091.0	6/26/96	0000024840	6/24/96
SC-04622-S	URANIUM-238	ND		3.39	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2718		WP0095.0	6/28/96	0000024841	6/27/96
SC-04623-S	URANIUM-238	ND		3.50	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2719		WP0095.0	7/2/96	0000024842	6/27/96
SC-04624-S	URANIUM-238	8.31	1.78	4.24	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2720		WP0095.0	7/3/96	0000027196	6/27/96
SC-04701-S	URANIUM-238	ND		4.80	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2721		WP0095.0	7/1/96	0000024844	6/27/96
SC-04701-U	AROCLOR-1248	ND		38.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11616020	U	QT1426.0	7/22/96	0000028835	7/17/96
SC-04701-U	AROCLOR-1254	ND		38.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11616020	U	QT1426.0	7/22/96	0000028835	7/17/96
SC-04701-U	AROCLOR-1260	340.00		38.00	UG/KG	A		EPA 8080A	SOIL	PEST/PCBS	1.00	11616020		QT1426.0	7/22/96	0000028835	7/17/96
SC-04701-U	RADIUM-226	1.43	0.13	0.40	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2817		WP0101.0	8/19/96	0000028835	7/17/96
SC-04701-U	RADIUM-228	1.44	0.19	0.77	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2817		WP0101.0	8/19/96	0000028835	7/17/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB RECD	DATE ANA	SAMPLINK	DATE SAMPLED
SC-04701-U	THORIUM-230	2.42	0.09	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC2817		WP0101.0	7/20/96	0000028835	7/17/96
SC-04701-U	URANIUM-238	ND		4.18	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2817		WP0101.0	8/19/96	0000028835	7/17/96
SC-04702-S	URANIUM-238	ND		3.98	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2789		WP0100.0	7/18/96	0000024845	7/17/96
SC-04702-U	AROCLOR-1248	ND		40.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11616021	U	QT1426.0	7/22/96	0000028836	7/17/96
SC-04702-U	AROCLOR-1254	ND		40.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11616021	U	QT1426.0	7/22/96	0000028836	7/17/96
SC-04702-U	AROCLOR-1260	260.00		40.00	UG/KG	A		EPA 8080A	SOIL	PEST/PCBS	1.00	11616021		QT1426.0	7/22/96	0000028836	7/17/96
SC-04702-U	RADIUM-226	1.35	0.10	0.34	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2818		WP0101.0	8/19/96	0000028836	7/17/96
SC-04702-U	RADIUM-228	1.35	0.14	0.41	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2818		WP0101.0	8/19/96	0000028836	7/17/96
SC-04702-U	THORIUM-230	2.68	0.11	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC2818		WP0101.0	7/20/96	0000028836	7/17/96
SC-04702-U	URANIUM-238	ND		3.28	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2818		WP0101.0	8/19/96	0000028836	7/17/96
SC-04703-S	AROCLOR-1248	ND		13.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7459-1		LK0429.0	7/19/96	0000024846	7/17/96
SC-04703-S	AROCLOR-1254	ND		13.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7459-1		LK0429.0	7/19/96	0000024846	7/17/96
SC-04703-S	AROCLOR-1260	ND		13.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7459-1		LK0429.0	7/19/96	0000024846	7/17/96
SC-04703-S	THORIUM-230	2.61	0.11	2.17	PCI/G	*		EMLTH01	SOIL	RADIOCHEMICAL	1.00	WSC2791		WP0100.0	7/20/96	0000024846	7/17/96
SC-04703-S	URANIUM-238	ND		3.03	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2791		WP0100.0	7/18/96	0000024846	7/17/96
SC-04703-U	AROCLOR-1248	ND		39.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11616022	U	QT1426.0	7/22/96	0000028837	7/17/96
SC-04703-U	AROCLOR-1254	ND		39.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11616022	U	QT1426.0	7/22/96	0000028837	7/17/96
SC-04703-U	AROCLOR-1260	73.00		39.00	UG/KG	A		EPA 8080A	SOIL	PEST/PCBS	1.00	11616022		QT1426.0	7/22/96	0000028837	7/17/96
SC-04703-U	RADIUM-226	1.45	0.12	0.31	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2819		WP0101.0	8/19/96	0000028837	7/17/96
SC-04703-U	RADIUM-228	1.25	0.17	0.53	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2819		WP0101.0	8/19/96	0000028837	7/17/96
SC-04703-U	THORIUM-230	2.50	0.10	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC2819		WP0101.0	7/20/96	0000028837	7/17/96
SC-04703-U	URANIUM-238	ND		3.92	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2819		WP0101.0	8/19/96	0000028837	7/17/96
SC-04704-S	AROCLOR-1248	ND		13.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7459-2		LK0429.0	7/20/96	0000024847	7/17/96
SC-04704-S	AROCLOR-1254	ND		13.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7459-2		LK0429.0	7/20/96	0000024847	7/17/96
SC-04704-S	AROCLOR-1260	ND		13.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7459-2		LK0429.0	7/20/96	0000024847	7/17/96
SC-04704-S	THORIUM-230	2.76	0.14	2.17	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC2792		WP0100.0	7/18/96	0000024847	7/17/96
SC-04704-S	URANIUM-238	ND		4.00	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2792		WP0100.0	7/18/96	0000024847	7/17/96
SC-04704-U	AROCLOR-1248	ND		42.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11616023	U	QT1426.0	7/21/96	0000028838	7/17/96
SC-04704-U	AROCLOR-1254	ND		42.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11616023	U	QT1426.0	7/21/96	0000028838	7/17/96
SC-04704-U	AROCLOR-1260	ND		42.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11616023	U	QT1426.0	7/21/96	0000028838	7/17/96
SC-04704-U	RADIUM-226	1.41	0.10	0.33	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2820		WP0101.0	8/19/96	0000028838	7/17/96
SC-04704-U	RADIUM-228	1.26	0.13	0.43	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2820		WP0101.0	8/19/96	0000028838	7/17/96
SC-04704-U	THORIUM-230	2.57	0.11	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC2820		WP0101.0	7/20/96	0000028838	7/17/96
SC-04704-U	URANIUM-238	ND		3.31	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2820		WP0101.0	8/19/96	0000028838	7/17/96
SC-04705-S	URANIUM-238	3.04	0.73	2.66	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2793		WP0100.0	7/18/96	0000024848	7/17/96
SC-04705-U	AROCLOR-1248	ND		40.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11616024	U	QT1426.0	7/21/96	0000028839	7/17/96
SC-04705-U	AROCLOR-1254	ND		40.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11616024	U	QT1426.0	7/21/96	0000028839	7/17/96
SC-04705-U	AROCLOR-1260	ND		40.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11616024	U	QT1426.0	7/21/96	0000028839	7/17/96
SC-04705-U	RADIUM-226	1.51	0.13	0.32	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2821		WP0101.0	8/19/96	0000028839	7/17/96
SC-04705-U	RADIUM-228	1.38	0.19	0.80	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2821		WP0101.0	8/19/96	0000028839	7/17/96
SC-04705-U	THORIUM-230	2.69	0.12	2.27	PCI/G	*		EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC2821		WP0101.0	7/23/96	0000028839	7/17/96
SC-04705-U	URANIUM-238	ND		4.31	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2821		WP0101.0	8/19/96	0000028839	7/17/96
SC-04706-S	URANIUM-238	ND		4.50	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2722		WP0095.0	7/1/96	0000024849	6/27/96
SC-04707-S	URANIUM-238	ND		3.18	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2794		WP0100.0	7/18/96	0000024850	7/17/96
SC-04708-S	AROCLOR-1248	ND		13.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7459-3		LK0429.0	7/20/96	0000024851	7/17/96
SC-04708-S	AROCLOR-1254	ND		13.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7459-3		LK0429.0	7/20/96	0000024851	7/17/96
SC-04708-S	AROCLOR-1260	ND		13.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7459-3		LK0429.0	7/20/96	0000024851	7/17/96
SC-04708-S	THORIUM-230	2.53	0.12	2.17	PCI/G	*		EML TH01	SOIL	RADIOCHEMICAL	1.00	WSC2795		WP0100.0	7/20/96	0000024851	7/17/96
SC-04708-S	URANIUM-238	ND		3.73	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2795		WP0100.0	7/18/96	0000024851	7/17/96
SC-04709-S	AROCLOR-1248	ND		13.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7459-4		LK0429.0	7/20/96	0000024852	7/17/96
SC-04709-S	AROCLOR-1254	ND		13.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7459-4		LK0429.0	7/20/96	0000024852	7/17/96
SC-04709-S	AROCLOR-1260	8.10		13.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7459-4	J	LK0429.0	7/20/96	0000024852	7/17/96
SC-04709-S	THORIUM-230	2.80	0.13	2.17	PCI/G	*		EML TH01	SOIL	RADIOCHEMICAL	1.00	WSC2796		WP0100.0	7/20/96	0000024852	7/17/96
SC-04709-S	URANIUM-238	ND		4.48	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2796		WP0100.0	7/18/96	0000024852	7/17/96
SC-04710-S	URANIUM-238	ND		3.31	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2797		WP0100.0	7/18/96	0000024853	7/17/96
SC-04711-S	URANIUM-238	ND		3.25	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2723		WP0095.0	7/3/96	0000024854	6/27/96
SC-04712-S	AROCLOR-1248	ND		13.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7459-5		LK0429.0	7/20/96	0000024855	7/17/96
SC-04712-S	AROCLOR-1254	ND		13.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7459-5		LK0429.0	7/20/96	0000024855	7/17/96
SC-04712-S	AROCLOR-1260	ND		13.00	UG/KG	*		EPA 8080A	SOIL	PEST/PCBS	1.00	L7459-5		LK0429.0	7/20/96	0000024855	7/17/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-04712-S	THORIUM-230	2.80	0.15	2.17	PCI/G	*		EML TH01	SOIL	RADIOCHEMICAL	1.00	WSC2796		WP0100.0	7/20/96	0000024855	7/17/96
SC-04712-S	URANIUM-238	ND		3.13	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2796		WP0100.0	7/18/96	0000024855	7/17/96
SC-04713-S	AROCLOR-1248	ND		45.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11616025	U	QT1426.0	7/21/96	0000024856	7/17/96
SC-04713-S	AROCLOR-1254	ND		45.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11616025	U	QT1426.0	7/21/96	0000024856	7/17/96
SC-04713-S	AROCLOR-1260	ND		45.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11616025	U	QT1426.0	7/21/96	0000024856	7/17/96
SC-04713-S	THORIUM-230	2.83	0.11	2.17	PCI/G	*		EML TH01	SOIL	RADIOCHEMICAL	1.00	WSC2799		WP0100.0	7/20/96	0000024856	7/17/96
SC-04713-S	URANIUM-238	ND		4.25	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2799		WP0100.0	7/18/96	0000024856	7/17/96
SC-04714-S	AROCLOR-1248	ND		40.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11616026	U	QT1426.0	7/22/96	0000024857	7/17/96
SC-04714-S	AROCLOR-1254	ND		40.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11616026	U	QT1426.0	7/22/96	0000024857	7/17/96
SC-04714-S	AROCLOR-1260	ND		40.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11616026	U	QT1426.0	7/22/96	0000024857	7/17/96
SC-04714-S	THORIUM-230	2.62	0.12	2.17	PCI/G	*		EML TH01	SOIL	RADIOCHEMICAL	1.00	WSC2800		WP0100.0	7/19/96	0000024857	7/17/96
SC-04714-S	URANIUM-238	ND		2.84	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2800		WP0100.0	7/18/96	0000024857	7/17/96
SC-04715-S	URANIUM-238	ND		3.82	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2802		WP0100.0	7/18/96	0000024858	7/17/96
SC-04716-S	URANIUM-238	ND		4.10	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2724		WP0095.0	7/3/96	0000024859	6/27/96
SC-04717-S	URANIUM-238	ND		3.20	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2803		WP0100.0	7/18/96	0000024860	7/17/96
SC-04718-S	AROCLOR-1248	ND		41.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11616027	U	QT1426.0	7/22/96	0000024861	7/17/96
SC-04718-S	AROCLOR-1254	ND		41.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11616027	U	QT1426.0	7/22/96	0000024861	7/17/96
SC-04718-S	AROCLOR-1260	ND		41.00	UG/KG	U		EPA 8080A	SOIL	PEST/PCBS	1.00	11616027	U	QT1426.0	7/22/96	0000024861	7/17/96
SC-04718-S	THORIUM-230	2.54	0.11	2.17	PCI/G	*		EML TH01	SOIL	RADIOCHEMICAL	1.00	WSC2804		WP0100.0	7/20/96	0000024861	7/17/96
SC-04718-S	URANIUM-238	ND		3.96	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2804		WP0100.0	7/18/96	0000024861	7/17/96
SC-04719-S	URANIUM-238	ND		3.09	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2805		WP0100.0	7/18/96	0000024862	7/17/96
SC-04720-S	URANIUM-238	1.52	0.68	2.81	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2806		WP0100.0	7/18/96	0000024863	7/17/96
SC-04801-S	URANIUM-238	ND		4.07	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2652		WP0094.0	6/27/96	0000024864	6/26/96
SC-04801-U	URANIUM-238	ND		4.05	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2764		WP0099.0	7/16/96	0000025804	7/15/96
SC-04802-U	URANIUM-238	ND		3.88	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2765		WP0099.0	7/16/96	0000025805	7/15/96
SC-04805-S	URANIUM-238	ND		3.80	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2653		WP0094.0	6/27/96	0000024866	6/26/96
SC-04806-C	URANIUM-238	2.28	0.77	3.21	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2766		WP0099.0	7/16/96	0000024892	7/15/96
SC-04806-S	URANIUM-238	ND		4.04	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2767		WP0099.0	7/16/96	0000024869	7/15/96
SC-04807-S	URANIUM-238	ND		3.10	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2768		WP0099.0	7/16/96	0000024870	7/15/96
SC-04808-S	URANIUM-238	ND		3.92	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2769		WP0099.0	7/16/96	0000024871	7/15/96
SC-04809-S	URANIUM-238	ND		3.08	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2770		WP0099.0	7/16/96	0000024872	7/15/96
SC-04811-S	URANIUM-238	ND		3.23	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2654		WP0094.0	6/27/96	0000024874	6/26/96
SC-04812-S	URANIUM-238	4.35	1.25	3.43	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2771		WP0099.0	7/16/96	0000024876	7/15/96
SC-04813-S	URANIUM-238	ND		3.07	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2772		WP0099.0	7/17/96	0000024878	7/15/96
SC-04814-S	URANIUM-238	ND		2.91	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2773		WP0099.0	7/16/96	0000024877	7/15/96
SC-04815-S	URANIUM-238	ND		4.12	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2774		WP0099.0	7/16/96	0000024878	7/15/96
SC-04816-S	URANIUM-238	ND		3.82	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2775		WP0099.0	7/16/96	0000024879	7/15/96
SC-04817-S	URANIUM-238	6.19	1.20	3.15	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2655		WP0094.0	6/27/96	0000024880	6/26/96
SC-04818-S	URANIUM-238	4.16	0.80	2.37	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2776		WP0099.0	7/16/96	0000024881	7/15/96
SC-04819-S	URANIUM-238	ND		3.79	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2777		WP0099.0	7/16/96	0000024882	7/15/96
SC-04820-C	URANIUM-238	ND		3.86	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2778		WP0099.0	7/16/96	0000024893	7/15/96
SC-04820-S	URANIUM-238	ND		4.34	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2779		WP0099.0	7/16/96	0000024883	7/15/96
SC-04821-S	URANIUM-238	ND		3.10	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2780		WP0099.0	7/16/96	0000024884	7/15/96
SC-04822-S	URANIUM-238	1.99	0.65	2.47	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2781		WP0099.0	7/16/96	0000024885	7/15/96
SC-04823-C	URANIUM-238	4.37	0.86	2.91	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2782		WP0099.0	7/16/96	0000024894	7/15/96
SC-04823-S	URANIUM-238	10.40	1.73	4.11	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2725		WP0095.0	7/1/96	0000024886	6/27/96
SC-04824-S	URANIUM-238	6.17	0.97	2.46	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2783		WP0099.0	7/16/96	0000024887	7/15/96
SC-04825-S	URANIUM-238	ND		4.51	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2784		WP0099.0	7/16/96	0000024888	7/15/96
SC-04826-S	URANIUM-238	2.83	0.77	2.92	PCI/G	A		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2786		WP0099.0	7/16/96	0000024889	7/15/96
SC-04827-S	URANIUM-238	ND		3.27	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2787		WP0099.0	7/16/96	0000024890	7/15/96
SC-04828-S	URANIUM-238	ND		3.11	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2788		WP0099.0	7/16/96	0000024891	7/15/96
SC-04901-S	URANIUM-238	ND		3.95	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2634		WP0092.0	6/26/96	0000024895	6/25/96
SC-04902-S	URANIUM-238	ND		4.00	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2656		WP0094.0	6/27/96	0000024896	6/26/96
SC-04903-S	URANIUM-238	ND		4.16	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2660		WP0094.0	6/28/96	0000024897	6/26/96
SC-04904-S	URANIUM-238	ND		2.96	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2661		WP0094.0	6/28/96	0000024898	6/26/96
SC-04905-S	URANIUM-238	ND		3.18	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2635		WP0092.0	6/26/96	0000024899	6/25/96
SC-04906-C	URANIUM-238	3.25	0.78	2.73	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2662		WP0094.0	6/27/96	0000024910	6/26/96
SC-04906-S	URANIUM-238	2.46	0.66	2.38	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2663		WP0094.0	6/28/96	0000024900	6/26/96
SC-04907-S	URANIUM-238	ND		3.86	PCI/G	*		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2664		WP0094.0	6/28/96	0000024901	6/26/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED
SC-04908-S	URANIUM-238	ND		2.96	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2665		WP0094.0	6/28/96	0000024902	6/26/96
SC-04909-S	URANIUM-238	ND		4.01	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2666		WP0094.0	6/28/96	0000024903	6/26/96
SC-04910-C	URANIUM-238	ND		3.62	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2667		WP0094.0	6/28/96	0000024911	6/26/96
SC-04910-S	URANIUM-238	ND		3.95	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2636		WP0092.0	6/26/96	0000024904	6/25/96
SC-04911-S	URANIUM-238	ND		3.17	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2668		WP0094.0	6/28/96	0000024905	6/26/96
SC-04912-S	URANIUM-238	ND		3.24	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2669		WP0094.0	6/28/96	0000024906	6/26/96
SC-04913-C	URANIUM-238	ND		4.05	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2670		WP0094.0	6/28/96	0000024912	6/26/96
SC-04913-S	URANIUM-238	2.36	0.69	2.60	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2671		WP0094.0	6/28/96	0000024907	6/26/96
SC-04914-S	URANIUM-238	ND		4.27	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2672		WP0094.0	6/28/96	0000024908	6/26/96
SC-05003-S	URANIUM-238	ND		2.92	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2673		WP0094.0	6/28/96	0000024914	6/26/96
SC-05006-S	URANIUM-238	ND		3.07	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2638		WP0092.0	6/26/96	0000024916	6/25/96
SC-05007-C	RADIUM-226	1.38	0.12	0.49	PCI/G	U	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2674		WP0094.0	7/29/96	0000024928	6/26/96
SC-05007-C	RADIUM-228	ND		1.39	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2674		WP0094.0	7/29/96	0000024928	6/26/96
SC-05007-C	URANIUM-238	3.34	1.37	4.17	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2674		WP0094.0	7/29/96	0000024928	6/26/96
SC-05007-S	URANIUM-238	ND		3.10	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2639		WP0092.0	6/26/96	0000024917	6/25/96
SC-05008-S	RADIUM-226	1.67	0.11	0.37	PCI/G	U	RN INGROWN	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2675		WP0094.0	7/29/96	0000024929	6/26/96
SC-05008-S	RADIUM-228	1.15	0.15	0.46	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2675		WP0094.0	7/29/96	0000024929	6/26/96
SC-05008-S	URANIUM-238	2.60	0.78	2.62	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2675		WP0094.0	7/29/96	0000024929	6/26/96
SC-05010-C	URANIUM-238	ND		4.07	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2640		WP0092.0	6/27/96	0000024919	6/25/96
SC-05011-S	URANIUM-238	ND		3.12	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2641		WP0092.0	6/27/96	0000024920	6/25/96
SC-05012-C	RADIUM-226	1.39	0.10	0.30	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2642		WP0092.0	7/26/96	0000024930	6/25/96
SC-05012-C	RADIUM-228	1.13	0.12	0.46	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2642		WP0092.0	7/26/96	0000024930	6/25/96
SC-05012-C	URANIUM-238	5.29	0.89	3.33	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2642		WP0092.0	7/26/96	0000024930	6/25/96
SC-05012-S	URANIUM-238	12.20	1.57	2.66	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2643		WP0092.0	6/27/96	0000024921	6/25/96
SC-05013-C	RADIUM-226	1.31	0.12	0.39	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2644		WP0092.0	7/26/96	0000024931	6/25/96
SC-05013-C	RADIUM-228	1.46	0.21	0.48	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2644		WP0092.0	7/26/96	0000024931	6/25/96
SC-05013-C	URANIUM-238	ND		4.12	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2644		WP0092.0	7/26/96	0000024931	6/25/96
SC-05013-S	URANIUM-238	5.07	0.95	3.07	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2645		WP0092.0	6/27/96	0000024922	6/25/96
SC-05015-S	URANIUM-238	ND		4.14	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2647		WP0092.0	6/27/96	0000024923	6/25/96
SC-05016-S	URANIUM-238	ND		2.86	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2646		WP0092.0	6/27/96	0000024924	6/25/96
SC-05018-S	URANIUM-238	ND		4.23	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2648		WP0092.0	6/26/96	0000024925	6/25/96
SC-05019-C	URANIUM-238	ND		4.01	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2650		WP0092.0	6/26/96	0000024927	6/25/96
SC-05019-S	URANIUM-238	ND		2.96	PCI/G	U		HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2651		WP0092.0	6/26/96	0000024926	6/25/96

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	VAL QUAL	COMMENTS	METHOD	MATRIX	CATEGORY	DIL FACT	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAMPLED

LEGEND:

WSSRAP ID	WSSRAP IDENTIFICATION CODE
PARAMETER	PARAMETER THAT WAS ANALYZED
CONC	CONCENTRATION (ND = NON-DETECTED)
ERR	ANALYTICAL ERROR
DL	DETECTION LIMIT
UNITS	APPROPRIATE UNITS
COMMENTS	ASSOCIATED COMMENTS WITH SAMPLE
VAL QUAL	VALIDATION QUALIFIER:
	A = DATA MEETING ALL QA/QC REQUIREMENTS. THE PARAMETER WAS ANALYZED FOR AND DETECTED.
	U = DATA MEETING ALL QA/QC REQUIREMENTS. THE PARAMETER WAS ANALYZED FOR BUT NOT DETECTED. IF A NUMBER IS INCLUDED WITH THE QUALIFIER, THE DL HAS BEEN RAISED TO THE LEVEL IN THE SAMPLE DUE TO BLANK CONTAMINATION
	J = DATA THAT ARE AN ESTIMATE OR ARE ADEQUATE FOR A SEMI-QUANTITATIVE ASSESSMENT.
	UJ = THE PARAMETER WAS ANALYZED FOR, BUT WAS NOT DETECTED. THE ASSOCIATED VALUE IS AN ESTIMATED QUANTITY.
	N = PRESUMPTIVE EVIDENCE OF PRESENCE OF PARAMETER WITH NO ESTIMATION OF QUANTITY.
	NJ = PRESUMPTIVE EVIDENCE OF PRESENCE OF PARAMETER AT AN ESTIMATED QUANTITY.
	DL = DETECTION LIMIT REQUIREMENTS HAVE NOT BEEN MET. DATA QUALITY OBJECTIVES MAY NOT BE MET.
	UI = UNCERTAIN IDENTIFICATION OF THE PARAMETER.
	JE = THE RADIOLOGICAL UNCERTAINTY IS AN ESTIMATED QUANTITY.
	R = DATA THE ATE UNUSABLE (PARAMETER MAY OR MAY NOT BE PRESENT).
	* = DATA THAT HAVE BEEN VALIDATED.
	V = DATA THAT APPEAR TO DATA THAT CANNOT BE VALIDATED DUE TO MISSING LABORATORY INFORMATION.
	O = DATA THAT ARE ON HOLD
	X = DATA THAT CANNOT BE VALIDATED DUE TO MISSING LABORATORY INFORMATION.
METHOD	ANALYTICAL METHOD
MATRIX	SAMPLE MATRIX
CATEGORY	ANALYTICAL CATEGORY
DIL	DILUTION FACTOR
LAB ID	IDENTIFICATION GIVEN BY THE LAB
LAB QUAL	LABORATORY QUALIFIER
LAB REQU	LABORATORY REQUEST NUMBER
DATE ANA	DATE ANALYZED
SAMPLINK	SAMPLE LINK NUMBER
DATE SAM	DATE SAMPLED

APPENDIX E

Unpublished Documents

MORRISON KNUDSEN CORPORATION
MK-FERGUSON GROUP

INTER-OFFICE CORRESPONDENCE

DATE: September 10, 1996

TO: Confirmation File

FROM: [redacted]

SUBJECT: **WP420 CONFIRMATION CHANGES IN RU006 (Zone 1)**

There have been changes to confirmation units as outlined in the *Confirmation Sampling Plan Details for the Chemical Plant Area Foundations and Contaminated Soils Removal (WP-420)*, Rev 0 (Document Number DOE/OR/21548-590). This IOC documents the two changes in RU006.

The first change was the deletion of confirmation sample location SC-02615-S, which fell outside of the controlled area. The second change involved the relocation of the northern boundary of confirmation units CU048, CU049, and CU050. Originally under the WP420, the road south of the Asbestos Storage Area (ASA) was to be removed, the area remediated and then confirmed. It was decided to leave the road and utilize it as a haul road from the WP420 work zone to the Construction Materials Staging Area, as well as maintain a construction buffer zone adjacent to the ASA units.

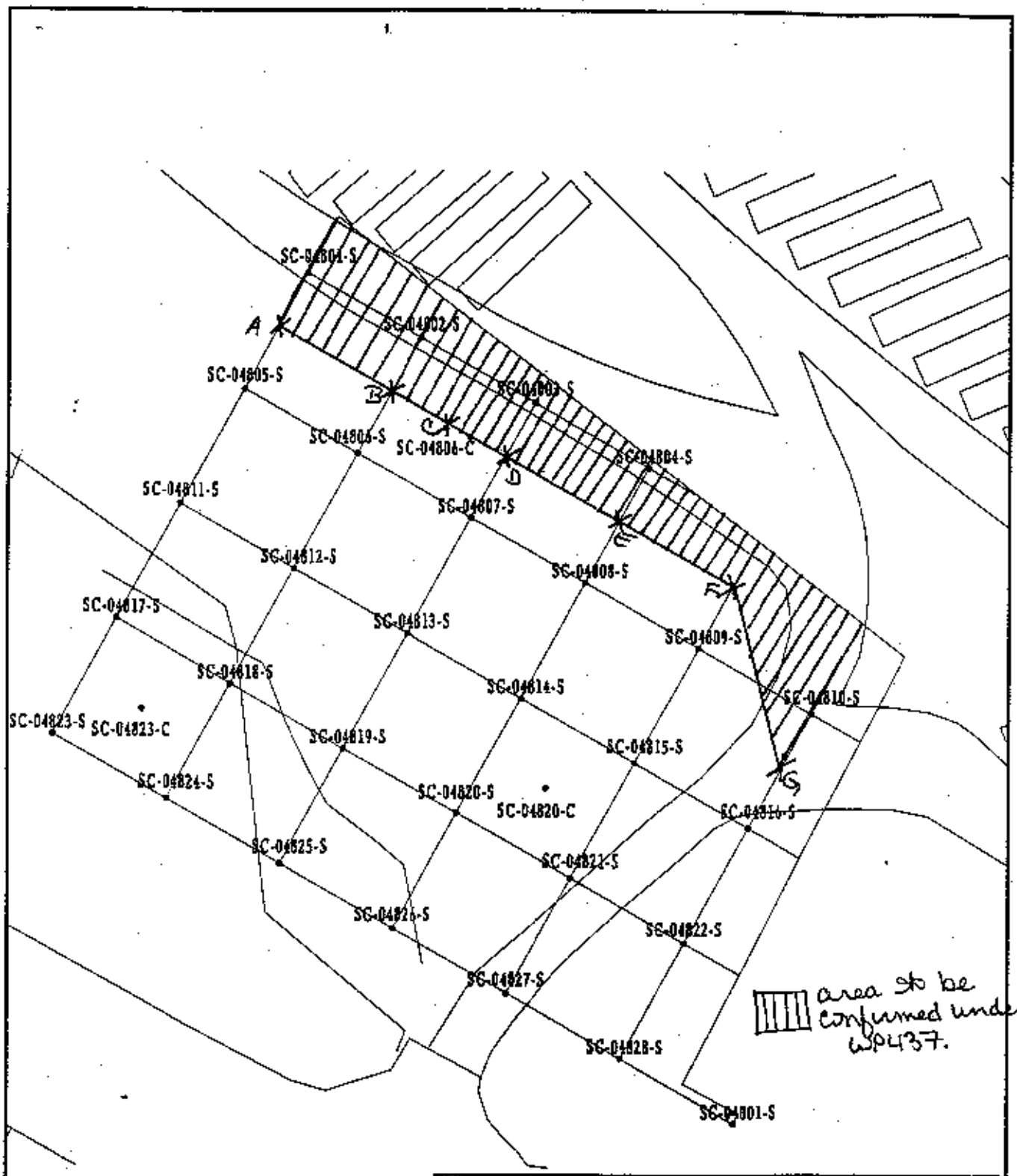
The attached Figures detail the new and old boundaries. Survey coordinates for the new boundary are found in the Table below. The hatched area shows the portion to be confirmed under the WP437 Confirmation Plan.

SURVEY POINT ID*	NORTHING	EASTING	LOCATION
A	1043559.8614	755703.4553	
B	1043543.8326	755732.0812	
C	1043535.8217	755746.3961	SC-04806-C
D	1043527.8039	755760.7071	
E	1043511.7751	755789.3331	
F	1043495.7464	755817.9590	
G	1043451.0917	755830.5562	
H	1043590.2066	755682.8457	SC-04904-S
I	1043606.2353	755654.2197	SC-04903-S
J	1043622.2640	755625.5938	SC-04902-S
K	1043652.6023	755604.9803	
L	1043660.6201	755590.6693	SC-05013-C
M	1043682.9475	755584.3707	SC-05008-S
N	1043713.2857	755563.7571	
O	1043743.6309	755543.1475	SC-05003-S
P	1043756.4998	755519.8622	

* If these coordinates also represent a confirmation location, the corresponding ID has been listed.

Attachment
cc: T. Myer J. Meier D. Capps

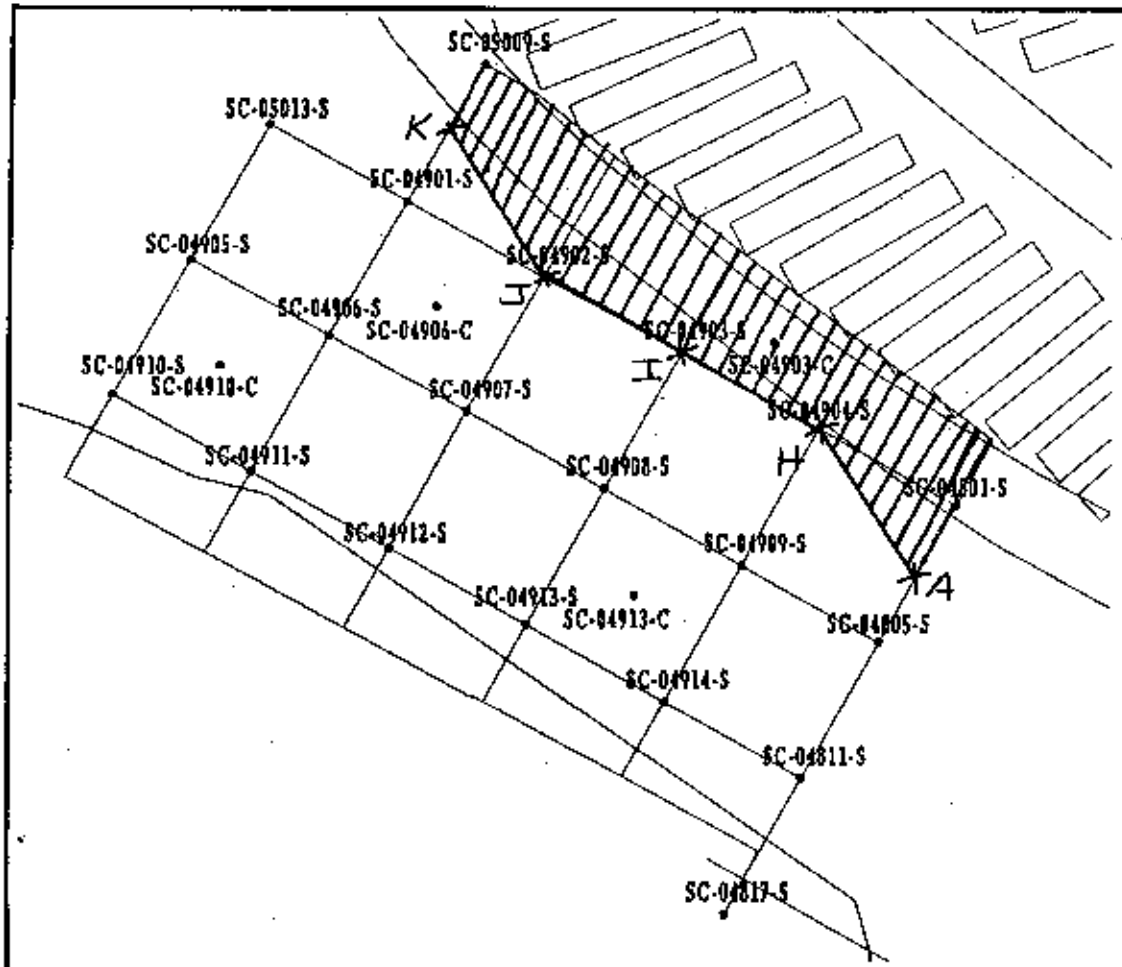
Form 232-A 03/92



Sample Locations in Remedial Unit RU006 Confirmation Unit CU048

Figure B-29

EXHIBIT NO.: A/CP/111/1295		REPORT NO.: DOE/OR/21548-590	
ORIGINATOR: MGL	DRAWN BY: WSSRAP GIS	DATE: 3/96	



10 5 0 10 METERS

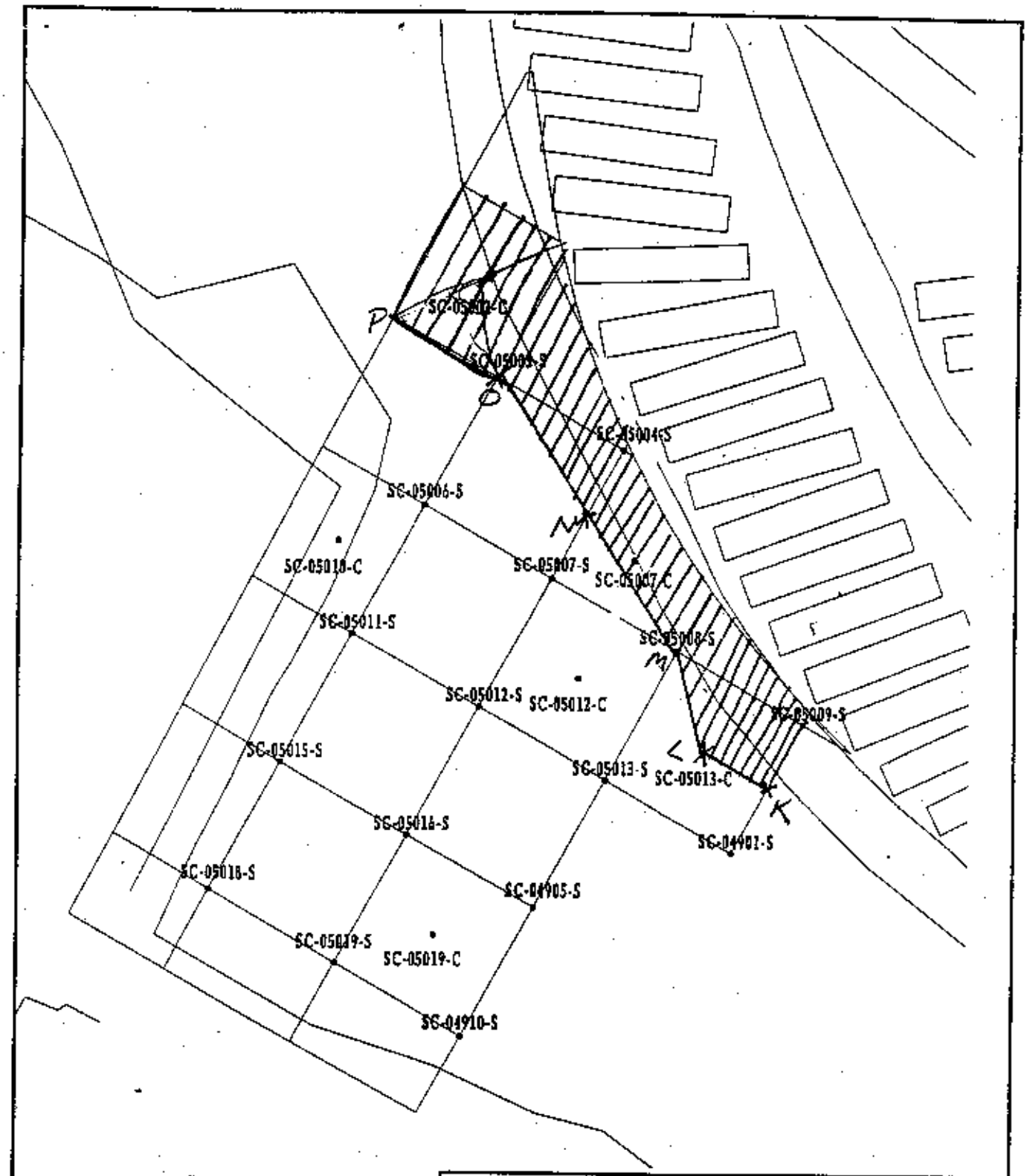
30 15 0 30 FEET

N W E S

Sample Locations in Remedial Unit RU006 Confirmation Unit CU049

Figure B-30

EXHIBIT NO.: A/CP/312/1295		REPORT NO.: DOE/OR/21548-590	
ORIGINATOR: MGL	DRAWN BY: WSSRAP GIS	DATE: 3/96	



N

10 5 0 METERS

30 15 0 FEET

Sample Locations in Remedial Unit RU006
Confirmation Unit CU050

Figure B-31

EXHIBIT NO.: A/CP/113/1295		REPORT NO.: DOE/OR/21548-590	
ORIGINATOR: MGL	DRAWN BY: WSSRAP GIS	DATE: 3/96	

MORRISON KNUDSEN CORPORATION
MK-FERGUSON GROUP

INTER-OFFICE CORRESPONDENCE

DATE: September 12, 1996

TO: Darrell Capps

FROM: Melissa Lutz

SUBJECT: **ORISE AREA WITHIN RU006CU069**

ORISE located one area within CU069 with elevated readings during a visit on 08/27/96. This area was located approximately 10 ft east of the confirmation sampling point SC-06913-S. The results for this area are as follows:

ID	PARAMETER	RESULTS	DL
SC-06913-S-HS01	U-238	25.92 PCI/G	13.65
	RA-226	194.49 PCI/G	1.69
	RA-228	1.86 PCI/G	1.72

All results were below ALARA, with the exception of Ra226 (194.49 pCi/g). This value exceeded three times criteria. Based upon these results, this area was re-excavated. After the re-excavation, the area was walked over with the NaI (results less than 1.5x background) and resampled. The results are listed below:

SC-06913-S-RS01	U-238	1.51 PCI/G	3.03
	RA-226	2.38 PCI/G	0.28
	RA-228	1.09 PCI/G	0.46
	TH-230	1.04 PCI/G	0.72

All results were below ALARA. When the re excavation results from SC-06913-S-RS01 are averaged with the other confirmation results for CU069, the averages for the confirmation unit remain below ALARA. The disposition status of this confirmation unit can now be returned to its prior status of unrestricted.

cc: Confirmation File
J. Meier
M. Quinonez
J. Fugate

MORRISON KNUDSEN CORPORATION
MK-FERGUSON GROUP

INTER-OFFICE CORRESPONDENCE

DATE: September 12, 1996

TO: Darrell Capps

FROM: [redacted] Lutz

SUBJECT: **ORISE AREA WITHIN RU006CU066**

ORISE located two areas (near SC-06610-S and SC-06612-S) within CU066 with elevated readings during a visit on 08/28/96. Within these two areas, five separate locations were flagged, 2 near SC-06610-S and 3 near SC-06611-S. The locations with the highest readings were sampled from each area. The results for these areas are as follows:

ID	PARAMETER	RESULTS	DL
SC-06610-S-HS01	U-238	8.86 PCI/G	4.91
	RA-226	194.49 PCI/G	0.83
	RA-228	1.37 PCI/G	0.83
SC-06611-S-HS02	U-238	6.82 PCI/G	4.57
	RA-226	14.96 PCI/G	0.48
	RA-228	1.29 PCI/G	0.66

All results were below ALARA, with the exception of Ra226 results from both locations. The value from SC-06610-S-HS01 exceeded three times criteria and the value from SC-06611-S-HS02 exceeded criteria by almost 3 times. Based upon these results and the close proximity of the areas, the areas were combined and the entire area re-excavated. This re excavation encompassed all five locations flagged by ORISE. After the re-excavation, the areas were walked over with the NaI (results less than 1.5x background) and resampled at three locations within the area. The results are listed below:

SC-06610-S-RS01	U-238	1.77 PCI/G	3.54
	RA-226	2.41 PCI/G	0.34
	RA-228	0.48 PCI/G	0.96
	TH-230	1.05 PCI/G	0.72
SC-06610-S-RS02	U-238	2.06 PCI/G	4.12
	RA-226	2.25 PCI/G	0.36
	RA-228	1.13 PCI/G	0.61
	TH-230	1.08 PCI/G	0.72
SC-06611-S-RS01	U-238	1.53 PCI/G	3.07
	RA-226	2.41 PCI/G	0.24
	RA-228	1.13 PCI/G	0.41
	TH-230	1.16 PCI/G	0.72

All results were below ALARA. When the re excavation results from SC-06610-S-RS01, SC-06610-RS02, and SC-06611-S-RS01 were averaged with the other confirmation results for CU066, the averages for the confirmation unit remain below ALARA. The disposition status of this confirmation unit can now be returned to its prior status of unrestricted.

cc: Confirmation File
J. Meier
M. Quinonez
J. Fugate

MORRISON KNUDSEN CORPORATION

MK-FERGUSON GROUP

INTER-OFFICE CORRESPONDENCE

DATE: November 17, 1995

TO: ALARA Committee

FROM: Michelle French/Richard Machado

SUBJECT: **RA-226 DETERMINATION FOR SITE CONFIRMATION SAMPLES**

Background

The issue surrounding Ra-226 analysis via gamma spectroscopy arises due to the fact that the Ra-226 soil concentration is determined by using the following energy peaks: 295 keV and 352 keV for Pb-214; and 609 keV, 1120 keV, and 1764 keV for Bi-214. These radionuclides are both short-lived daughters of Rn-222. The drying and grinding processes are known to drive off Rn-222 that is trapped in the soil pores and moisture held in the soil. In order to quantitatively identify Ra-226 using gamma spectroscopy, Rn-222 and its short-lived progeny must be allowed to grow into secular equilibrium following such sample preparation techniques. The following alternatives were evaluated for estimating the Ra-226 concentration in soil given gamma spectroscopy analysis within five working days of sample collection.

Alternative 1

Send all samples requiring Ra-226 analysis to an offsite laboratory. At offsite facilities, Ra-226 is typically analyzed through alpha spectroscopy which does not rely on the Ra-222 daughter products to provide a quantitative result. The minimum turnaround time that can be provided for alpha spectroscopy analysis for Ra-226 is four days. At one and two day turnaround times, the method for analysis is modified to use Gas Flow Proportional Counting for total alpha counting yielding a total radium number with no separation of isotopic contributions. Given the four day turnaround time and an estimate of 750 samples (WP-253 and WP-420), the total analytical costs will be $95,250.

The major disadvantage in this approach is the tight schedule involved with sample collection, packaging, shipping, data receipt, data review, and ALARA committee action. It may be impossible to accomplish this within five working days given the four day turnaround requirement.

Alternative 2

As stated above, the drying and grinding processes are known to drive off radon that is trapped in the soil matrix. However, the amount of radon removed from these processes is not quantified. If you were to assume that all the radon is removed during these processes and the time of final preparation was recorded, a correction factor can be applied based upon the secular equilibrium condition equation. For example, the following table summarizes the ratio of activity of Rn-222 to the activity of Ra-226.

A(Rn-222)/A(Ra-226)	Time Post Canning (Days)
0.167	1
0.306	2
0.422	3
0.665	6
0.807	9
0.888	12
0.935	15
0.963	18
0.978	21
0.987	24
0.993	27
0.996	30

Thus, if the samples were counted three days post canning, a correction factor of 0.422 would be used to determine the estimated final Ra-226 concentration. Given this approach, any concentration determined three days post preparation would be divided by 0.422 to arrive at the final concentration. For a 5 pCi/g ALARA goal, any result above 2.1 pCi/g would be rejected.

The major limitation with this approach is the assumption that the drying and grinding processes remove 100% of the radon. Samples that have been analyzed within one day of preparation have never yielded results much below expected background concentrations (0.8-1.0 pCi/g).

Thus, the use of a correction factor on the order of 0.167 could result in a very conservative approach for estimating the final Ra-226 soil concentration in background soils (in fact all samples analyzed one day after canning would equal or exceed 5 pCi/g).

Alternative 3

All samples that are collected to support confirmation can be analyzed as wet samples to virtually eliminate the radon removal that occurs during sample preparation. However, there are numerous considerations, such as sample homogeneity, particle size, moisture content variability, etc., that can produce error in such analyses. If the samples are analyzed wet, they would also be prepared and analyzed to provide final concentrations for each radionuclide of interest for the sample. This dry evaluation would require an analysis within the confirmation cleanup turnaround period and a second analysis within 20-30 days later to finalize Ra-226 concentrations to an acceptable quality level. This approach would involve three analyses of every sample. The initial wet analysis can be used to estimate the final Ra-226 concentration. However, this estimate must be made on a case by case basis through moisture corrections, etc.

The major limitation for this approach is the reduction in lab productivity as an extra canning effort would be needed to generate a wet and a dry sample for each sample and count time for each sample would increase by a factor of three.

Alternative 4

Over the last several months, the onsite radiological laboratory has been recounting samples that were analyzed during the months of April - September 1995. These reanalyses were done in order to support final analyses of SE Drainage and Quarry characterization samples. The graph on the attached page illustrates a portion of the recount results versus the initial results. The graph includes those samples that had initial Ra-226 results < 5 pCi/g. As illustrated, the background - 2.2 pCi/g sample range had 100% of all sample recounts fall less than 5 pCi/g. For those in the range of 2.2 - 3.2 pCi/g, the likelihood of exceeding 5 pCi/g was approximately 50%. All of the samples with initial results greater than 3.2 pCi/g had final Ra-226 results > 5 pCi/g.

This information can be used to establish a criteria about which samples can be said to meet the ALARA goal of 5 pCi/g within the five working day turnaround window.

Given the current study findings, it is recommended that any sample with an initial Ra-226 result > 2.2 pCi/g be expected to exceed the ALARA goal of 5 pCi/g. In addition, the estimated final Ra-226 soil concentration should be found by multiplying the initial result by 2.27 (2.2 pCi/g x 2.27 = 5 pCi/g). This correction factor is very close to the maximum increase from initial results to recount results (e.g., 2.56) in the background to 2.2 pCi/g concentration range. The average increase from initial results to recount results for this range was 1.51. However, use of a value closer to the maximum value affords less risk in exceeding expected confirmation goals. The laboratory will work to refine these numbers to further minimize the risk as they continue to recount samples collected over the last few months. The major limitation with this alternative is the potential to over excavate, increasing disposal costs.

Alternative 5

This alternative involves a combination of alternatives 3 and 4. Samples that do not have elevated direct survey results via a 2x2 NaI or a 44-9 survey should be prepared and evaluated in accordance with alternative 4. Samples that do have above background survey results will be analyzed wet and evaluated accordingly to determine the estimated final Ra-226 concentration. The sample will then be prepared and analyzed a second time to provide quality level data for the other radionuclides of interest. In addition, each prepared sample would be analyzed within 30 days after preparation to finalize the Ra-226 concentration to an acceptable quality level.

The major limitation with this approach is the loss in productivity as a result of the double canning needs and increased count times for a portion of the samples.

Recommendation

The Onsite Radiological Laboratory recommends the use of alternative 4. This alternative minimizes risk of failing to meet expected cleanup ALARA goals and provides for maximum efficiency/productivity within the laboratory. The second favorable alternative is number 5. This alternative would increase the workload in the laboratory, but would further reduce the risk of over excavation and failure to meet desired cleanup objectives.

In all of the above alternatives, the estimated final Ra-226 concentration will be used in conjunction with the measured Ra-228 concentration as follows to determine if the mixture rule for the ALARA goals as described in the Record of Decision is achieved.

$$\frac{\text{Est. Final Ra-226 (pCi/g)}}{5\ \text{pCi/g}} + \frac{\text{Ra-228 (pCi/g)}}{5\ \text{pCi/g}} = \text{Mixture Ratio}$$

If mixture ratio <= 1, then the sample meets cleanup confirmation design. If mixture ratio > 1, then the sample must be considered by the ALARA committee.

MLF/RM/pr

Attachment

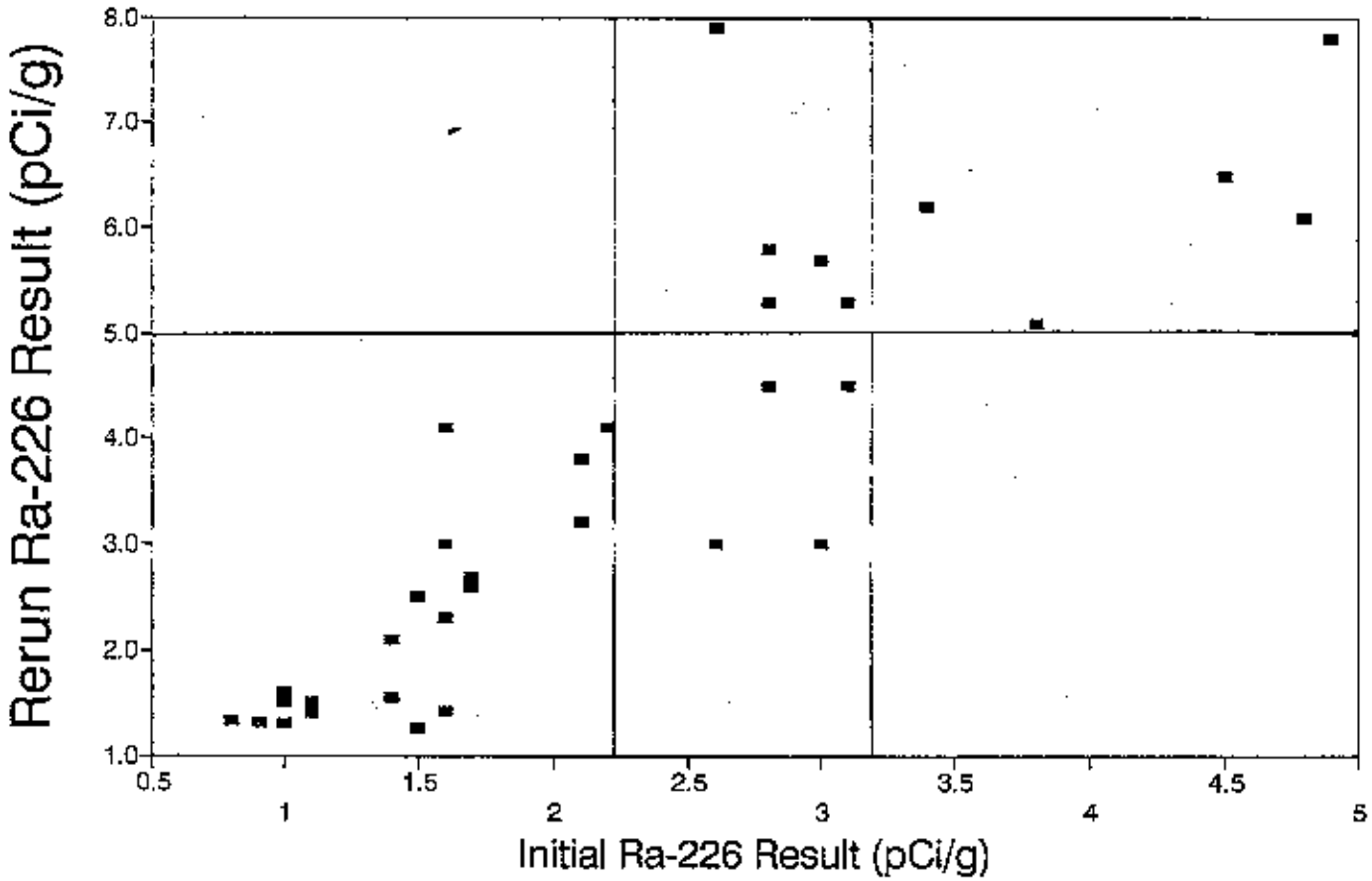
Distribution:

Ken Meyer	Alternates:	Marj Wesley
Steve Warren		Jack Cooney
Ken Greenwell		Dan Hoffman
Jim Meier		

cc: Melissa Lutz

Ra226 Concentration Range

Background - 5.0 pCi/g



MORRISON KNUDSEN CORPORATION

MK-FERGUSON GROUP

INTER-OFFICE CORRESPONDENCE

DATE: November 20, 1995

TO: ALARA Committee

FROM: Richard Machado/Michelle French MF

SUBJECT: **TH232 DETERMINATION FOR SITE CONFIRMATION SAMPLES**

Th232 can occur in two forms at the site: (1) naturally and (2) processed to purify Th232. Both of these forms are subject to the same transformation equation. Given a Th232 half life of 1.39×10^{10} years and a Ra228 half life of 5.75 years, a condition known as secular equilibrium occurs. Secular equilibrium occurs when the half life of the parent is very much greater than that of the daughter. If an initially pure parent (Th232) is formed, its radioactive transformation will result in accumulation of the daughter (Ra228). Since the daughter (Ra228) decays very much faster than the parent (Th232), a point is soon reached at which the amount of parent (Th232) present is equal to that of the daughter (Ra228).

The equation that represents this condition of secular equilibrium is:

$$Q_B = Q_A (1 - e^{-\lambda_B t})$$

where Q_A=parent (Th232) activity, Q_B=daughter (Ra228) activity, t=time since placement of material, and λ_B=decay constant for daughter (Ra228). Therefore, the fraction of daughter activity to parent activity

$$\left(\frac{A(RA\text{-}228)}{A(Th\text{-}232)}\right)$$

present at the WSSRAP in 1995 can be calculated.

Assume that production ceased at the site on January 1, 1965, and that all Th232 was produced on that very last day (t=30.9 years). Given a half life for Ra228 of 5.75 years, the decay constant would equal

$$(\lambda_B = 0.121\ Y^{-1})$$

11-30-95

Given this information, the ratio of Ra228 activity to Th232 activity can be calculated as follows:

$$\frac{Q_B}{Q_A} = \frac{A\,(Ra\text{-}228)}{A\,(Th\text{-}232)} = 1 - e^{-\lambda_B t}$$

$$\frac{A\,(Ra228)}{A\,(Th232)} = 1 - e^{-(0.121 Y^{-1})\,(30.9\,Y)} = 1 - 0.024 = 0.976$$

$$\therefore \frac{A\,(Ra\text{-}228)}{A\,(Th\text{-}232)} = 0.976 \quad or \quad A\,(Th\text{-}232) = 1.025\,A\,(Ra\text{-}228)$$

This representation will be true for both naturally occurring Th232 and processed Th232. The other situation to be addressed includes the circumstance when Ra228 and associated decay products were placed as a waste material after purification of Th232. In this situation, the amount of Ra228 present will be much greater than the Th232 present. This information is illustrated in a previous assessment of the ratio of Ra228 concentrations to that of Th232 in raffinate pit wastes. The average ratio was reported as 7.02 in the *Concentration Ratios of Radionuclides* in the U238, U235, and Th232 *Decay Series* (DOE/OR/21548-250), indicating that the average activity concentration for Th232 is 0.14 of the activity concentration for Ra228.

The Record of Decision states that if Th232 and Ra228 are present and not in secular equilibrium, the cleanup criteria apply for the radionuclide with the higher concentration. Thus, for determination of successful cleanup, the use of a Ra-228 ALARA goal of 4.88 pCi/g and a criteria of 6.05 pCi/g will result in removing Th232 to within 5 pCi/g (ALARA) and 6.2 pCi/g (criteria), respectively.

Given this practice, it is recommended that the on-site radiological analyses for Ra-228 concentrations in soil be used to determine attainment of Th-232 cleanup. It is also recommended that 2% of the samples (1 of every 50) that are independently analyzed via an off-site facility be used as a quality check for all radionuclides of interest (U238, Th230, Th232, Ra228, and Ra226). In addition, these numbers should be summarized in post remediation reports for each work package to support the decision to use Ra228 to determine successful cleanup of Th232.

RM/MF/jn

Distribution: ALARA Committee

Steve Warren	Alternates:	Marj Wesley
Ken Meyer		Jack Cooney
Ken Greenwell		Dan Hoffman
Jim Meier		Melissa Lutz

MORRISON KNUDSEN CORPORATION
MK-FERGUSON GROUP

INTER-OFFICE CORRESPONDENCE

DATE: December 9, 1996

TO: Confirmation File

FROM: Melissa Lutz MLL

SUBJECT: **OVERLOOKED SAMPLE COLLECTION WITHIN RU006CU035 (WP420)**

Periodically, confirmation units (CUs) are released as partials, therefore being sampled at different times. CU035 was initially released as a partial CU on July 2, 1996. The remainder of the CU was confirmed and released on August 22, 1996.

One location, SC-03520-C, fell just outside of the initial partial release (see attached figure). When the remaining locations were sampled, this location was overlooked. After releasing the CU back to the subcontractor, it was discovered during a quality check by the soils group that sample from this location had never been collected. Since the subcontractor had not yet begun work in the area, SC-03520-C was sampled on August 27, 1996.

The results are less than surface ALARA. When added to the other confirmation results for CU035, there is no change to the confirmed status of CU025 per the Confirmation Release Disposition Form (See Form NO. 960042). In summary, the averages are still below surface ALARA and no single value exceeds three times criteria. The results for this sample have been attached.

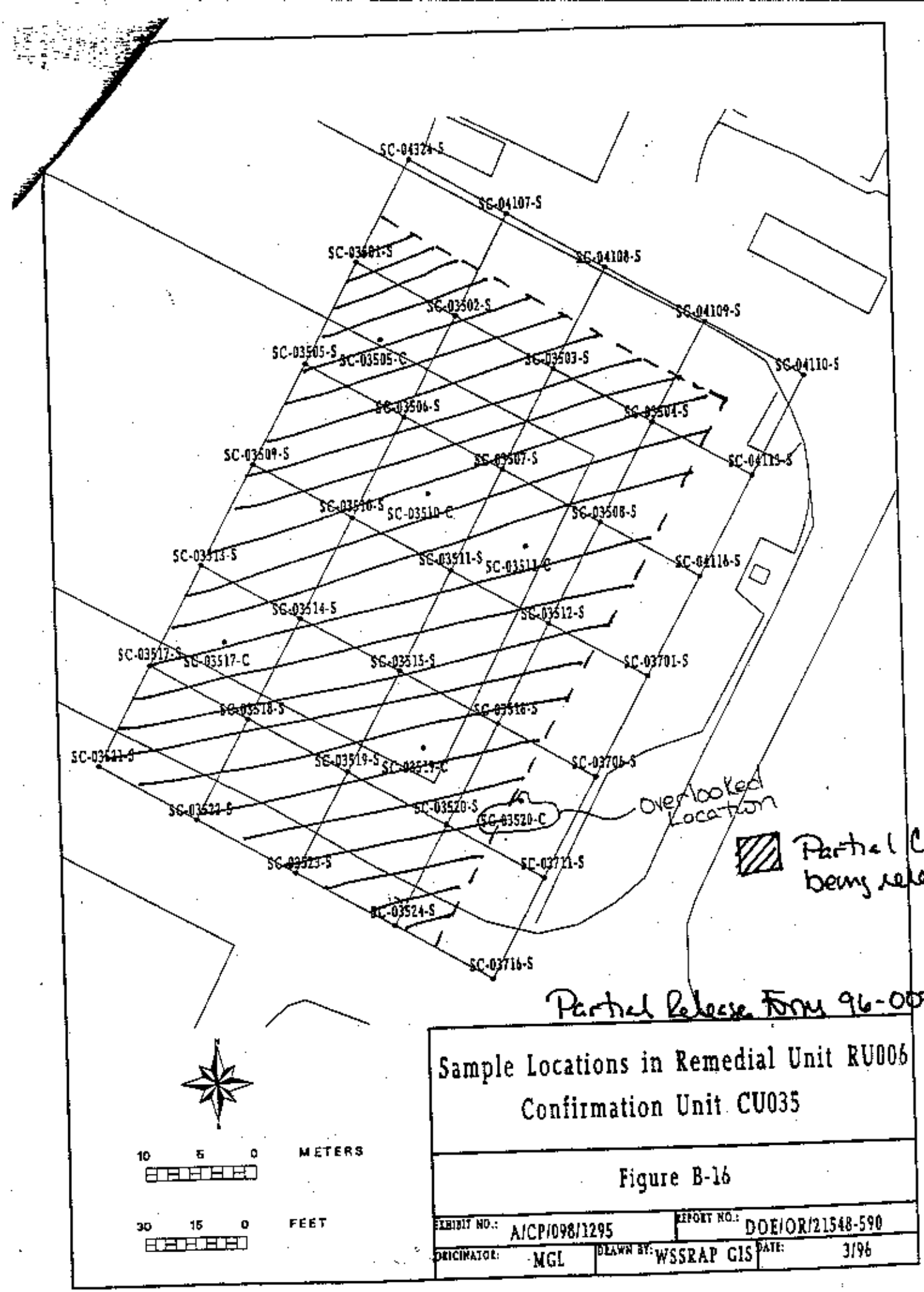
MLF/jan

Attachment

CC: D. Hofslien
M. Quinonez

412m:\users\nylinj\document\lutz\ru006cu0

Form 232-A 03/92


SC-04324-S
SC-04107-S
SC-03501-S
SC-04108-S
SC-03502-S
SC-04109-S
SC-03505-S
SC-03505-C
SC-03503-S
SC-04110-S
SC-03506-S
SC-03504-S
SC-03509-S
SC-03507-S
SC-04119-S
SC-03510-S
SC-03510-C
SC-03508-S
SC-03513-S
SC-03511-S
SC-03511-C
SC-04116-S
SC-03514-S
SC-03512-S
SC-03517-S
SC-03517-C
SC-03515-S
SC-03701-S
SC-03518-S
SC-03516-S
SC-03521-S
SC-03519-S
SC-03519-C
SC-03706-S
SC-03522-S
SC-03520-S
SC-03520-C
overlooked Location
SC-03523-S
SC-03711-S
SC-03524-S
SC-03716-S
Partial CU being released.
Partial Release From 96-007P
10 5 0 METERS
30 15 0 FEET
Sample Locations in Remedial Unit RU006
Confirmation Unit CU035
Figure B-16
EXHIBIT NO.: A/CP/098/1295
REPORT NO.: DOE/OR/21548-590
ORIGINATOR: MGL
DRAWN BY: WSSRAP GIS
DATE: 3/96

equest: WP131 Purchase Order: 3589 Date: 08/30/96

SSRAP ID	Lab ID	Date Sampled	Date Analyzed	Method	Matrix	Parameter	Conc.	Error	Est. Final Conc.	Units	DL	Comments
-03530-C	WSC3424	08/27/96	08/29/96	EML_THL01	SOIL	THORIUM-230	2.49	0.11		PCI/G	2.27	
-03530-C	WSC3424	08/27/96	08/29/96	HASL300	SOIL	RADIUM-226	1.17	0.11	2.66	PCI/G	0.35	
-03530-C	WSC3424	08/27/96	08/29/96	HASL300	SOIL	RADIUM-228	1.31	0.30		PCI/G	0.58	
-03530-C	WSC3424	08/27/96	08/29/96	CALCULATED	SOIL	EST. THORIUM-232	1.34	0.20		PCI/G	0.38	CALCULATED FROM RADIUM-228 CONCENTRATION

APPENDIX F

ORISE Hot Spot Report Table

APPENDIX F
TABLE F-1
ORISE Hot Spot Report WP-420 (RU6)

CU #	DATE	HOTSPOT PARAMETER	WSSRAP - ID	LOCATION DESCRIPTION	APPROXIMATE SIZE M²	ORISE 1x1 READING	PMC 44-9 READINGS	SAMPLE RESULTS (pCi/g)	REMEDIATED (Y or N)	RESULTS AFTER REMEDIATION
21	6/13/96	U-238	SC-2102-U-HS01	15' NE of ID	3.9			159	N	<25 Sq. Meters
23	6/13/96	U-238	SC-2312-S-HS01	16' NW of ID	3.3	22K	2000	689*	Y	3.51
23	6/13/96	U-238	SC-2312-S-HS02	4' W of ID	2.3	8K	800	429*	Y	ND
27	6/27/96	U-238, TH-230	SC-2708-S-H601	12' NW of ID	0.8	12K		102/1.37	N	<Criteria
30	6/27/96	U-238, TH-230	SC-3002-S-HS01	8' SW of ID	0.6			20.7/2.16	N	<Criteria
34	7/17/96	U-238, RA-226, RA-228	SC-3411-S-HS01	12' SE of ID	1.5	10K		364*	Y	ND
36	7/17/96	U-238	SC-3605-S-HS01	12' N of ID	0.6	100K	N/A	N/A	Y	15.38
38	6/16/96	U-238	SC-3805-S-RS01	3' E of ID	0.6		6000	N/A, Remediated	Y	ND
38	6/16/96	U-238	SC-3805-S-RS02	6' E of ID	2.3		1500	N/A, Remediated	Y	6.68
38	6/16/96	U-238	SC-3807-S-RS	3' N of ID	0.8			N/A, Remediated	Y	ND
38	6/16/96	U-238	SC-3809-S-RS	16' SW of ID	2.3		1600	N/A, Remediated	Y	10.2
43	7/17/96	U-238	SC-4307-S-HS01	5' W of 4307-S	0.8	8K		49.57	N	<Criteria
46	7/17/96	U-238 Radium-Total	SC-4601-S-HS01	10' W of 4601-S	0.8	7K		4.33 6.86	N	<Criteria <25 sq meters

* Exceeds 3x criteria

APPENDIX F
HOT SPOT CALCULATIONS

CU 21

The ORISE hot spot found in CU21 was located approximately 15 ft NE of SC-02102-U. The area was approximately 4 m^2. A sample was collected in the location with the most elevated gamma reading identified as SC-02102-U-HS01. The U-238 result was 159 pCi/g. The hot spot formula was used to calculate the acceptable U-238 concentration that could be left in place for a 4 m^2 area. The calculation is shown below:

$$\text{Maximum Concentration} = (\text{Cleanup Criteria}) \times (100/A)^{1/2}$$

$$\text{Maximum Concentration} = (120) \times (100/4)^{1/2}$$

$$\text{Maximum Concentration} = 600 \text{ pCi/g}$$

The maximum concentration given by the formula exceeds three times criteria, therefore the maximum U-238 concentration that could be left would be 360 pCi/g. This area met the hot spot rule and no further excavation was required.

CU32

There were two areas which the hot spot rule was applied.

The first area was based upon the confirmation sampling results where the Th-230 result for SC-03221-C exceeded subsurface criteria. Subsurface criteria is being applied at this location because it will be receiving more than 6 in. of back fill and is also located within the disposal cell footprint. Four additional samples were collected 2.5 m from the original sampling location to determine the extent. These samples came back with Th-230 concentration ranging between 0.94 pCi/g and 3.50 pCi/g, which are below ALARA. Therefore, this area does not exceed 25 m^2.

$$\text{Maximum Concentration} = (\text{Cleanup Criteria}) \times (100/A)^{1/2}$$

$$\text{Maximum Concentration} = (16.2) \times (100/25)^{1/2}$$

$$\text{Maximum Concentration} = 32.4 \text{ pCi/g}$$

Therefore based upon the hot spot rule, a Th-230 concentration equal to twice subsurface criteria could be left. The original Th-230 was 23.1 pCi/g. This area did not require additional excavation.

CU32, Continued

The second hot spot area was identified from the confirmation sampling results. The U-238 result for SC-03213-S exceeded criteria. Additional sampling was conducted and the area was determined not to exceed $25m^2$.

$$\text{Maximum Concentration} = (\text{Cleanup Criteria}) \times (100/A)^{1/2}$$

$$\text{Maximum Concentration} = (120) \times (100/25)^{1/2}$$

$$\text{Maximum Concentration} = 240 \text{ pCi/g}$$

Therefore based upon the hot spot rule, a U-238 concentration equal to twice criteria could be left. The original Th-230 was 169.1 pCi/g. This area did not require additional excavation.

CU46

The ORISE hot spot found in CU21 was located approximately 10 ft W of SC-04601-S. The area was approximately 1 m^2. Two samples were collected in the locations with the most elevated gamma reading and identified as SC-04601-S-HS01 and SC-04601-S-HS02. The U-238 and radium results were less than ALARA except the combined radium result at SC-04601-S-HS01 was 8.84 pCi/g. The hot spot formula was used to calculate the acceptable radium concentration that could be left in place for a 1 m^2 area. The calculation is shown below:

$$\text{Maximum Concentration} = (\text{Cleanup Criteria}) \times (100/A)^{1/2}$$

$$\text{Maximum Concentration} = (6.2) \times (100/1)^{1/2}$$

$$\text{Maximum Concentration} = 62 \text{ pCi/g}$$

The maximum concentration given by the formula exceeds three times criteria, therefore the maximum U-238 concentration that could be left would be 18.6 pCi/g. This area met the hot spot rule and no further excavation was required.

APPENDIX G

QA/QC Comparison To Analytical Data

APPENDIX G TABLE G-1

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	%RPD	DER	VAL QUAL	METHOD	MATRIX	CATEGORY	DIL	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAM
SC-02102-S	AROCLOR-1248	ND		42.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11706005	U	QT1432.0	8/3/96	0000023858	8/1/96
SC-02102-S-EB	AROCLOR-1248	ND		0.950	UG/L	N/A	N/A	*	EPA 8080A	WATER	PEST/PCBS	1.00	L7603-6		LK0449.0	8/8/96	0000026732	8/1/96
SC-02102-S-SD	AROCLOR-1248	ND		42.00	UG/KG	NOTE 1	N/A	*	EPA CLP	SOIL	PEST/PCBS	1.00	08L497002	U	WS1100.0	8/10/96	0000026731	8/1/96
SC-02308-S	AROCLOR-1248	ND		16.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-36		LK0443.0	8/2/96	0000023914	7/31/96
SC-02308-S-EB	AROCLOR-1248	ND		1.000	UG/L	N/A	N/A	*	EPA 8080A	WATER	PEST/PCBS	1.00	L7603-7		LK0449.0	8/8/96	0000029240	7/30/96
SC-02308-S-SD	AROCLOR-1248	ND		41.00	UG/KG	NOTE 1	N/A	*	EPA CLP	SOIL	PEST/PCBS	1.00	08L497003	U	WS1100.0	8/10/96	0000029219	7/30/96
SC-02402-C	AROCLOR-1248	ND		17.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	L7555-45		LK0441.0	8/2/96	0000023817	7/30/96
SC-02402-C-EB	AROCLOR-1248	ND		1.000	UG/L	N/A	N/A	*	EPA 8080A	WATER	PEST/PCBS	1.00	L7603-8		LK0449.0	8/8/96	0000029244	7/30/96
SC-02402-C-SD	AROCLOR-1248	ND		43.00	UG/KG	NOTE 1	N/A	*	EPA CLP	SOIL	PEST/PCBS	1.00	08L497004	U	WS1100.0	8/10/96	0000029217	7/30/96
SC-02501-S	AROCLOR-1248	ND		40.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11277001	U	QT1380.0	8/7/96	0000023453	8/5/96
SC-02501-S-EB	AROCLOR-1248	ND		0.980	UG/L	N/A	N/A	*	EPA 8080A	WATER	PEST/PCBS	1.00	L7205-2		LK0416.0	8/13/96	0000027918	8/5/96
SC-02501-S-SD	AROCLOR-1248	ND		16.00	UG/KG	NOTE 1	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	L7205-4		LK0416.0	8/17/96	0000027917	8/5/96
SC-02516-S	AROCLOR-1248	ND		39.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11277016	U	QT1380.0	8/7/96	0000023492	8/5/96
SC-02516-S-EB	AROCLOR-1248	ND		1.000	UG/L	N/A	N/A	*	EPA 8080A	WATER	PEST/PCBS	1.00	L7205-8		LK0416.0	8/13/96	0000027920	8/5/96
SC-02516-S-SD	AROCLOR-1248	ND		16.00	UG/KG	NOTE 1	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	L7205-6		LK0416.0	8/17/96	0000027919	8/5/96
SC-02601-U	AROCLOR-1248	ND		40.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11353001	U	QT1390.0	8/14/96	0000027976	8/13/96
SC-02601-U-EB	AROCLOR-1248	ND		0.500	UG/L	N/A	N/A	*	EPA 8080A	WATER	PEST/PCBS	1.00	960641101		IE0040.0	8/28/96	0000028023	8/13/96
SC-02601-U-SD	AROCLOR-1248	ND		98.00	UG/KG	NOTE 1	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	960641102		IE0040.0	8/28/96	0000028024	8/13/96
SC-02609-C	AROCLOR-1248	ND		42.00	UG/KG	N/A	N/A		EPA 8080A	SOIL	PEST/PCBS	1.00	11286013	U	QT1381.0	8/7/96	0000023520	8/5/96
SC-02609-C-EB	AROCLOR-1248	ND		1.000	UG/L	N/A	N/A	*	EPA 8080A	WATER	PEST/PCBS	1.00	L7205-10		LK0416.0	8/13/96	0000027921	8/5/96
SC-02609-C-SD	AROCLOR-1248	ND		16.00	UG/KG	NOTE 1	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	L7205-12		LK0416.0	8/17/96	0000027922	8/5/96
SC-02709-S	AROCLOR-1248	ND		40.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11319006	U	QT1384.0	8/11/96	0000023530	8/8/96
SC-02709-S-EB	AROCLOR-1248	ND		1.000	UG/L	N/A	N/A	*	EPA 8080A	WATER	PEST/PCBS	1.00	L7205-14		LK0416.0	8/13/96	0000027923	8/8/96
SC-02709-S-SD	AROCLOR-1248	ND		16.00	UG/KG	NOTE 1	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	L7205-16		LK0416.0	8/17/96	0000027924	8/8/96
SC-02903-S	AROCLOR-1248	ND		40.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11714002	U	QT1434.0	8/5/96	0000023551	8/2/96
SC-02903-S-EB	AROCLOR-1248	ND		1.000	UG/L	N/A	N/A	*	EPA 8081	WATER	PEST/PCBS	1.00	08L545001	U	WS1101.0	8/11/96	0000028257	8/2/96
SC-02903-S-SD	AROCLOR-1248	ND		41.00	UG/KG	NOTE 1	N/A	*	EPA 8081	SOIL	PEST/PCBS	1.00	08L545002	U	WS1101.0	8/17/96	0000029144	8/2/96
SC-03017-C	AROCLOR-1248	ND		43.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11326008	U	QT1385.0	8/12/96	0000023586	8/8/96
SC-03017-C-EB	AROCLOR-1248	ND		1.000	UG/L	N/A	N/A	*	EPA 8080A	WATER	PEST/PCBS	1.00	L7205-18		LK0416.0	8/13/96	0000027925	8/8/96
SC-03017-C-SD	AROCLOR-1248	ND		17.00	UG/KG	NOTE 1	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	L7205-20		LK0416.0	8/17/96	0000027926	8/8/96
SC-03102-S	AROCLOR-1248	ND		42.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11237001	U	QT1373.0	8/1/96	0000023955	5/31/96
SC-03102-S-EB	AROCLOR-1248	ND		1.000	UG/L	N/A	N/A	*	EPA 8080A	WATER	PEST/PCBS	1.00	11247001	U	QT1375.0	8/28/96	0000027593	5/31/96
SC-03102-S-SD	AROCLOR-1248	ND		40.00	UG/KG	NOTE 1	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	S606022-01	U	TW0018.0	8/21/96	0000027698	5/31/96
SC-03205-C	AROCLOR-1248	ND		39.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11243003	U	QT1374.0	8/5/96	0000023992	5/31/96
SC-03205-C-EB	AROCLOR-1248	ND		1.000	UG/L	N/A	N/A	*	EPA 8080A	WATER	PEST/PCBS	1.00	11247002	U	QT1375.0	8/28/96	0000027611	5/31/96
SC-03205-C-SD	AROCLOR-1248	ND		41.00	UG/KG	NOTE 1	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	S606022-02	U	TW0018.0	8/21/96		5/31/96
SC-03303-S	AROCLOR-1248	ND		42.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11340002	U	QT1389.0	8/13/96	0000023983	6/12/96
SC-03303-S-EB	AROCLOR-1248	ND		0.500	UG/L	N/A	N/A	*	EPA 8080A	WATER	PEST/PCBS	1.00	960641103		IE0040.0	8/28/96	0000027606	6/12/96
SC-03303-S-SD	AROCLOR-1248	ND		100.00	UG/KG	NOTE 1	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	960641104		IE0040.0	8/28/96	0000027605	6/12/96
SC-03402-S	AROCLOR-1248	ND		46.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11436018	U	QT1403.0	8/27/96	0000024029	6/21/96
SC-03402-S-EB	AROCLOR-1248	ND		0.500	UG/L	N/A	N/A	*	EPA 8080A	WATER	PEST/PCBS	1.00	960661201		IE0041.0	7/20/96	0000028138	6/21/96
SC-03402-S-SD	AROCLOR-1248	ND		85.00	UG/KG	NOTE 1	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	960661202		IE0041.0	7/20/96	0000028135	6/21/96
SC-03513-S	AROCLOR-1248	ND		39.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11435006	U	QT1404.0	8/26/96	0000024042	6/21/96
SC-03513-S-SD	AROCLOR-1248	ND		120.00	UG/KG	NOTE 1	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	960661204		IE0041.0	7/20/96	0000028237	6/21/96
SC-03713-S	AROCLOR-1248	ND		40.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11751009	U	QT1440.0	8/9/96	0000024267	8/7/96
SC-03713-S-EB	AROCLOR-1248	ND		1.000	UG/L	N/A	N/A	*	EPA 8081	WATER	PEST/PCBS	1.00	08L681001	U	WS1104.0	8/20/96	0000029236	8/7/96
SC-03713-S-SD	AROCLOR-1248	ND		40.00	UG/KG	NOTE 1	N/A	*	EPA 8081	SOIL	PEST/PCBS	1.00	08L681002	U	WS1104.0	8/20/96	0000029239	8/7/96
SC-03810-S	AROCLOR-1248	ND		43.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11752002	U	QT1441.0	8/9/96	0000024290	8/8/96
SC-03810-S-EB	AROCLOR-1248	ND		1.000	UG/L	N/A	N/A	*	EPA 8081	WATER	PEST/PCBS	1.00	08L681003	U	WS1104.0	8/20/96	0000028814	8/8/96
SC-03810-S-SD	AROCLOR-1248	ND		38.00	UG/KG	NOTE 1	N/A	*	EPA 8081	SOIL	PEST/PCBS	1.00	08L681004	U	WS1104.0	8/20/96	0000028809	8/8/96
SC-03908-S	AROCLOR-1248	ND		40.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11745004	U	QT1439.0	8/8/96	0000024310	8/6/96

NOTE 1: The RPD/DER can not be calculated if the Parent or Quality Control Sample is non-detected

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	%RPD	DER	VAL QUAL	METHOD	MATRIX	CATEGORY	DIL	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAM
SC-03908-S-EB	AROCLOR-1248	ND		1.000	UG/L	N/A	N/A	*	EPA 8081	WATER	PEST/PCBS	1.00	08L545003	U	WS1101.0	8/11/96	0000029265	8/6/96
SC-03908-S-SD	AROCLOR-1248	ND		40.00	UG/KG	NOTE 1	N/A	*	EPA 8081	SOIL	PEST/PCBS	1.00	08L545004	U	WS1101.0	8/17/96	0000028897	8/6/96
SC-03924-C	AROCLOR-1248	ND		40.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11745017	U	QT1439.0	8/8/96	0000024320	8/6/96
SC-03924-C-EB	AROCLOR-1248	ND		1.000	UG/L	N/A	N/A	*	EPA 8081	WATER	PEST/PCBS	1.00	08L545005	U	WS1101.0	8/11/96	0000029256	8/6/96
SC-03924-C-SD	AROCLOR-1248	ND		41.00	UG/KG	NOTE 1	N/A	*	EPA 8081	SOIL	PEST/PCBS	1.00	08L545006	U	WS1101.0	8/18/96	0000028905	8/6/96
SC-04019-S	AROCLOR-1248	ND		40.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11713010	U	QT1433.0	8/5/96	0000024332	8/2/96
SC-04019-S-EB	AROCLOR-1248	ND		0.940	UG/L	N/A	N/A	*	EPA 8080A	WATER	PEST/PCBS	1.00	L7603-9		LK0449.0	8/8/96	0000028555	8/2/96
SC-04019-S-SD	AROCLOR-1248	ND		40.00	UG/KG	NOTE 1	N/A	*	EPA CLP	SOIL	PEST/PCBS	1.00	08L497005	U	WS1100.0	8/10/96	0000028647	8/2/96
SC-04029-S	AROCLOR-1248	ND		39.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11713024	U	QT1433.0	8/5/96	0000024339	8/2/96
SC-04029-S-EB	AROCLOR-1248	ND		1.000	UG/L	N/A	N/A	*	EPA 8081	WATER	PEST/PCBS	1.00	08L545007	U	WS1101.0	8/11/96	0000028864	8/2/96
SC-04029-S-SD	AROCLOR-1248	ND		38.00	UG/KG	NOTE 1	N/A	*	EPA 8081	SOIL	PEST/PCBS	1.00	08L545008	U	WS1101.0	8/18/96	0000028856	8/2/96
SC-04316-S	AROCLOR-1248	ND		16.00	UG/KG	N/A	N/A	U	EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-82		LK0422.0	7/4/96	0000024413	6/28/96
SC-04316-S-EB	AROCLOR-1248	ND		1.000	UG/L	N/A	N/A	*	EPA 8080A	WATER	PEST/PCBS	1.00	11497002	U	QT1411.0	7/8/96	0000028354	6/28/96
SC-04316-S-SD	AROCLOR-1248	ND		42.00	UG/KG	NOTE 1	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11497001	U	QT1411.0	7/9/96	0000028353	6/28/96
SC-04409-S	AROCLOR-1248	ND		37.00	UG/KG	N/A	N/A	U	EPA 8080A	SOIL	PEST/PCBS	1.00	11616010	U	QT1426.0	7/21/96	0000024777	7/18/96
SC-02102-S	AROCLOR-1254	ND		42.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11706005	U	QT1432.0	8/3/96	0000023858	8/1/96
SC-02102-S-EB	AROCLOR-1254	ND		0.950	UG/L	N/A	N/A	*	EPA 8080A	WATER	PEST/PCBS	1.00	L7603-6		LK0449.0	8/8/96	0000028732	8/1/96
SC-02102-S-SD	AROCLOR-1254	ND		42.00	UG/KG	NOTE 1	N/A	*	EPA CLP	SOIL	PEST/PCBS	1.00	08L497002	U	WS1100.0	8/10/96	0000028731	8/1/96
SC-02308-S	AROCLOR-1254	ND		16.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-36		LK0443.0	8/2/96	0000023914	7/31/96
SC-02308-S-EB	AROCLOR-1254	ND		1.000	UG/L	N/A	N/A	*	EPA 8080A	WATER	PEST/PCBS	1.00	L7603-7		LK0449.0	8/8/96	0000029240	7/30/96
SC-02308-S-SD	AROCLOR-1254	ND		41.00	UG/KG	NOTE 1	N/A	*	EPA CLP	SOIL	PEST/PCBS	1.00	08L497003	U	WS1100.0	8/10/96	0000029219	7/30/96
SC-02402-C	AROCLOR-1254	ND		17.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	L7555-45		LK0441.0	8/2/96	0000023617	7/30/96
SC-02402-C-EB	AROCLOR-1254	ND		1.000	UG/L	N/A	N/A	*	EPA 8080A	WATER	PEST/PCBS	1.00	L7603-8		LK0449.0	8/8/96	0000029244	7/30/96
SC-02402-C-SD	AROCLOR-1254	ND		43.00	UG/KG	NOTE 1	N/A	*	EPA CLP	SOIL	PEST/PCBS	1.00	08L497004	U	WS1100.0	8/10/96	0000029217	7/30/96
SC-02501-S	AROCLOR-1254	ND		40.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11277001	U	QT1380.0	8/7/96	0000023453	8/5/96
SC-02501-S-EB	AROCLOR-1254	ND		0.980	UG/L	N/A	N/A	*	EPA 8080A	WATER	PEST/PCBS	1.00	L7205-2		LK0416.0	8/13/96	0000027918	8/5/96
SC-02501-S-SD	AROCLOR-1254	ND		16.00	UG/KG	NOTE 1	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	L7205-4		LK0416.0	8/17/96	0000027917	8/5/96
SC-02516-S	AROCLOR-1254	ND		39.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11277016	U	QT1380.0	8/7/96	0000023492	8/5/96
SC-02516-S-EB	AROCLOR-1254	ND		1.000	UG/L	N/A	N/A	*	EPA 8080A	WATER	PEST/PCBS	1.00	L7205-8		LK0416.0	8/13/96	0000027920	8/5/96
SC-02516-S-SD	AROCLOR-1254	24.00		15.00	UG/KG	NOTE 1	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	L7205-6		LK0416.0	8/24/96	0000027919	8/5/96
SC-02601-U	AROCLOR-1254	ND		40.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11353001	U	QT1390.0	8/14/96	0000027976	8/13/96
SC-02601-U-EB	AROCLOR-1254	ND		1.000	UG/L	N/A	N/A	*	EPA 8080A	WATER	PEST/PCBS	1.00	960641101		IE0040.0	8/28/96	0000028023	8/13/96
SC-02601-U-SD	AROCLOR-1254	ND		200.00	UG/KG	NOTE 1	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	960641102		IE0040.0	8/28/96	0000028024	8/13/96
SC-02609-C	AROCLOR-1254	ND		42.00	UG/KG	N/A	N/A		EPA 8080A	SOIL	PEST/PCBS	1.00	11286013	U	QT1381.0	8/7/96	0000023520	8/5/96
SC-02609-C-EB	AROCLOR-1254	ND		1.000	UG/L	N/A	N/A	*	EPA 8080A	WATER	PEST/PCBS	1.00	L7205-10		LK0416.0	8/13/96	0000027921	8/5/96
SC-02609-C-SD	AROCLOR-1254	ND		16.00	UG/KG	NOTE 1	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	L7205-12		LK0416.0	8/17/96	0000027922	8/5/96
SC-02709-S	AROCLOR-1254	ND		40.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11319008	U	QT1384.0	8/11/96	0000023530	8/8/96
SC-02709-S-EB	AROCLOR-1254	ND		1.000	UG/L	N/A	N/A	*	EPA 8080A	WATER	PEST/PCBS	1.00	L7205-14		LK0416.0	8/13/96	0000027923	8/8/96
SC-02709-S-SD	AROCLOR-1254	ND		16.00	UG/KG	NOTE 1	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	L7205-16		LK0416.0	8/17/96	0000027924	8/8/96
SC-02903-S	AROCLOR-1254	ND		40.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11714002	U	QT1434.0	8/5/96	0000023651	8/2/96
SC-02903-S-EB	AROCLOR-1254	ND		1.000	UG/L	N/A	N/A	*	EPA 8081	WATER	PEST/PCBS	1.00	08L545001	U	WS1101.0	8/11/96	0000029257	8/2/96
SC-02903-S-SD	AROCLOR-1254	ND		41.00	UG/KG	NOTE 1	N/A	*	EPA 8081	SOIL	PEST/PCBS	1.00	08L545002	U	WS1101.0	8/17/96	0000029144	8/2/96
SC-03017-C	AROCLOR-1254	ND		43.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11325008	U	QT1385.0	8/12/96	0000023586	8/8/96
SC-03017-C-EB	AROCLOR-1254	ND		1.000	UG/L	N/A	N/A	*	EPA 8080A	WATER	PEST/PCBS	1.00	L7205-18		LK0416.0	8/13/96	0000027925	8/8/96
SC-03017-C-SD	AROCLOR-1254	ND		17.00	UG/KG	NOTE 1	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	L7205-20		LK0416.0	8/17/96	0000027926	8/8/96
SC-03102-S	AROCLOR-1254	ND		42.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11237001	U	QT1373.0	8/1/96	0000023955	5/31/96
SC-03102-S-EB	AROCLOR-1254	ND		1.000	UG/L	N/A	N/A	*	EPA 8080A	WATER	PEST/PCBS	1.00	11247001	U	QT1375.0	8/28/96	0000027593	5/31/96
SC-03102-S-SD	AROCLOR-1254	ND		40.00	UG/KG	NOTE 1	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	S606022-01	U	TW0018.0	6/21/96	0000027598	5/31/96
SC-03205-C	AROCLOR-1254	ND		39.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11243003	U	QT1374.0	8/5/96	0000023992	5/31/96
SC-03205-C-EB	AROCLOR-1254	ND		1.000	UG/L	N/A	N/A	*	EPA 8080A	WATER	PEST/PCBS	1.00	11247002	U	QT1375.0	8/28/96	0000027611	5/31/96
SC-03205-C-SD	AROCLOR-1254	ND		41.00	UG/KG	NOTE 1	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	S606022-02	U	TW0018.0	6/21/96		5/31/96

NOTE 1: The RPD/DER can not be calculated if the Parent or Quality Control Sample is non-detected

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	%RPD	DER	VAL QUAL	METHOD	MATRIX	CATEGORY	DIL	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAM
SC-03303-S	AROCLOR-1254	ND		42.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11340002	U	QT1389.0	6/13/96	0000023893	6/12/96
SC-03303-S-EB	AROCLOR-1254	ND		1.000	UG/L	N/A	N/A	*	EPA 8080A	WATER	PEST/PCBS	1.00	960641103		IE0040.0	6/28/96	0000027606	6/12/96
SC-03303-S-SD	AROCLOR-1254	ND		210.00	UG/KG	NOTE 1	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	960641104		IE0040.0	6/28/96	0000027605	6/12/96
SC-03402-S	AROCLOR-1254	ND		46.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11436016	U	QT1403.0	6/27/96	0000024029	6/21/96
SC-03402-S-EB	AROCLOR-1254	ND		1.000	UG/L	N/A	N/A	*	EPA 8080A	WATER	PEST/PCBS	1.00	960661201		IE0041.0	7/20/96	0000028138	6/21/96
SC-03402-S-SD	AROCLOR-1254	ND		170.00	UG/KG	NOTE 1	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	960661202		IE0041.0	7/20/96	0000028135	6/21/96
SC-03513-S	AROCLOR-1254	86.00		36.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11435006		QT1404.0	6/26/96	0000024042	6/21/96
SC-03513-S-SD	AROCLOR-1254	ND		230.00	UG/KG	NOTE 1	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	960661204		IE0041.0	7/20/96	0000028237	6/21/96
SC-03713-S	AROCLOR-1254	ND		40.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11751005	U	QT1440.0	8/8/96	0000024267	8/7/96
SC-03713-S-EB	AROCLOR-1254	ND		1.000	UG/L	N/A	N/A	*	EPA 8081	WATER	PEST/PCBS	1.00	08L681001	U	WS1104.0	8/20/96	0000029236	8/7/96
SC-03713-S-SD	AROCLOR-1254	ND		40.00	UG/KG	NOTE 1	N/A	*	EPA 8081	SOIL	PEST/PCBS	1.00	08L681002	U	WS1104.0	8/20/96	0000029239	8/7/96
SC-03810-S	AROCLOR-1254	ND		43.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11752002	U	QT1441.0	8/9/96	0000024290	8/8/96
SC-03810-S-EB	AROCLOR-1254	ND		1.000	UG/L	N/A	N/A	*	EPA 8081	WATER	PEST/PCBS	1.00	08L681003	U	WS1104.0	8/20/96	0000028814	8/8/96
SC-03810-S-SD	AROCLOR-1254	ND		39.00	UG/KG	NOTE 1	N/A	*	EPA 8081	SOIL	PEST/PCBS	1.00	08L681004	U	WS1104.0	8/20/96	0000028809	8/8/96
SC-03908-S	AROCLOR-1254	ND		40.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11745004	U	QT1438.0	8/8/96	0000024310	8/6/96
SC-03908-S-EB	AROCLOR-1254	ND		1.000	UG/L	N/A	N/A	*	EPA 8081	WATER	PEST/PCBS	1.00	08L545003	U	WS1101.0	8/11/96	0000029255	8/6/96
SC-03908-S-SD	AROCLOR-1254	ND		40.00	UG/KG	NOTE 1	N/A	*	EPA 8081	SOIL	PEST/PCBS	1.00	08L545004	U	WS1101.0	8/17/96	0000028897	8/6/96
SC-03924-C	AROCLOR-1254	ND		40.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11745017	U	QT1439.0	8/8/96	0000024320	8/6/96
SC-03924-C-EB	AROCLOR-1254	ND		1.000	UG/L	N/A	N/A	*	EPA 8081	WATER	PEST/PCBS	1.00	08L545005	U	WS1101.0	8/11/96	0000029256	8/6/96
SC-03924-C-SD	AROCLOR-1254	ND		41.00	UG/KG	NOTE 1	N/A	*	EPA 8081	SOIL	PEST/PCBS	1.00	08L545006	U	WS1101.0	8/18/96	0000028905	8/6/96
SC-04019-S	AROCLOR-1254	ND		40.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11713010	U	QT1433.0	8/5/96	0000024332	8/2/96
SC-04019-S-EB	AROCLOR-1254	ND		0.940	UG/L	N/A	N/A	*	EPA 8080A	WATER	PEST/PCBS	1.00	L7603-9		LK0449.0	8/8/96	0000028855	8/2/96
SC-04019-S-SD	AROCLOR-1254	ND		40.00	UG/KG	NOTE 1	N/A	*	EPA CLP	SOIL	PEST/PCBS	1.00	08L497005	U	WS1100.0	8/10/96	0000028847	8/2/96
SC-04029-S	AROCLOR-1254	ND		39.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11713024	U	QT1433.0	8/5/96	0000024339	8/2/96
SC-04029-S-EB	AROCLOR-1254	ND		1.000	UG/L	N/A	N/A	*	EPA 8081	WATER	PEST/PCBS	1.00	08L545007	U	WS1101.0	8/11/96	0000028864	8/2/96
SC-04029-S-SD	AROCLOR-1254	ND		38.00	UG/KG	NOTE 1	N/A	*	EPA 8081	SOIL	PEST/PCBS	1.00	08L545008	U	WS1101.0	8/18/96	0000028858	8/2/96
SC-04316-S	AROCLOR-1254	ND		16.00	UG/KG	N/A	N/A	U	EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-82		LK0422.0	7/4/96	0000024413	6/28/96
SC-04316-S-EB	AROCLOR-1254	ND		1.000	UG/L	N/A	N/A	*	EPA 8080A	WATER	PEST/PCBS	1.00	11497002	U	QT1411.0	7/8/96	0000028364	6/28/96
SC-04316-S-SD	AROCLOR-1254	ND		42.00	UG/KG	NOTE 1	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11497001	U	QT1411.0	7/8/96	0000028353	6/28/96
SC-04409-S	AROCLOR-1254	39.00		37.00	UG/KG	N/A	N/A	A	EPA 8080A	SOIL	PEST/PCBS	1.00	11616010		QT1426.0	7/21/96	0000024777	7/18/96
SC-02102-S	AROCLOR-1260	ND		42.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11705005	U	QT1432.0	8/3/96	0000023858	8/1/96
SC-02102-S-EB	AROCLOR-1260	ND		0.950	UG/L	N/A	N/A	*	EPA 8080A	WATER	PEST/PCBS	1.00	L7603-8		LK0449.0	8/8/96	0000028732	8/1/96
SC-02102-S-MS	AROCLOR-1260	150.00		42.000	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11705005MS		QT1432.0	8/3/96	0000023947	8/1/96
SC-02102-S-SD	AROCLOR-1260	ND		42.00	UG/KG	NOTE 1	N/A	*	EPA CLP	SOIL	PEST/PCBS	1.00	08L497002	U	WS1100.0	8/10/96	0000028731	8/1/96
SC-02306-S	AROCLOR-1260	ND		16.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	L7554-36		LK0443.0	8/2/96	0000023814	7/31/96
SC-02306-S-EB	AROCLOR-1260	ND		1.000	UG/L	N/A	N/A	*	EPA 8080A	WATER	PEST/PCBS	1.00	L7603-7		LK0449.0	8/8/96	0000028240	7/30/96
SC-02306-S-MS	AROCLOR-1260	429.00		0.000	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	39595MS		LK0443.0	8/2/96	0000023938	7/31/96
SC-02306-S-SD	AROCLOR-1260	ND		41.00	UG/KG	NOTE 1	N/A	*	EPA CLP	SOIL	PEST/PCBS	1.00	08L497003	U	WS1100.0	8/10/96	0000029219	7/30/96
SC-02402-C	AROCLOR-1260	ND		17.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	L7555-45		LK0441.0	8/2/96	0000023817	7/30/96
SC-02402-C-EB	AROCLOR-1260	ND		1.000	UG/L	N/A	N/A	*	EPA 8080A	WATER	PEST/PCBS	1.00	L7603-8		LK0449.0	8/8/96	0000028244	7/30/96
SC-02402-C-MS	AROCLOR-1260	503.00		17.000	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	39599MS		LK0441.0	8/2/96	0000023820	7/30/96
SC-02402-C-SD	AROCLOR-1260	ND		43.00	UG/KG	NOTE 1	N/A	*	EPA CLP	SOIL	PEST/PCBS	1.00	08L497004	U	WS1100.0	8/10/96	0000029217	7/30/96
SC-02501-S	AROCLOR-1260	ND		40.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11277001	U	QT1380.0	6/7/96	0000023453	6/5/96
SC-02501-S-EB	AROCLOR-1260	ND		0.950	UG/L	N/A	N/A	*	EPA 8080A	WATER	PEST/PCBS	1.00	L7205-2		LK0416.0	6/13/96	0000027918	6/5/96
SC-02501-S-MS	AROCLOR-1260	190.00		40.000	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11277001MS		QT1380.0	6/6/96	0000023458	6/5/96
SC-02501-S-SD	AROCLOR-1260	ND		16.00	UG/KG	NOTE 1	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	L7205-4		LK0416.0	6/17/96	0000027917	6/5/96
SC-02516-S	AROCLOR-1260	ND		39.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11277016	U	QT1380.0	6/7/96	0000023492	6/5/96
SC-02516-S-EB	AROCLOR-1260	ND		1.000	UG/L	N/A	N/A	*	EPA 8080A	WATER	PEST/PCBS	1.00	L7205-8		LK0416.0	6/13/96	0000027920	6/5/96
SC-02516-S-MS	AROCLOR-1260	200.00		39.000	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11277016MS		QT1380.0	6/7/96	0000023623	6/5/96
SC-02516-S-SD	AROCLOR-1260	ND		16.00	UG/KG	NOTE 1	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	L7205-6		LK0416.0	6/17/96	0000027919	6/5/96
SC-02601-U	AROCLOR-1260	ND		40.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11353001	U	QT1390.0	6/14/96	0000027976	6/13/96

NOTE 1: The RPD/DER can not be calculated if the Parent or Quality Control Sample is non-detected

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	%RPD	DER	VAL QUAL	METHOD	MATRIX	CATEGORY	DIL	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAM
SC-02601-U-EB	AROCLOR-1260	ND		1.000	UG/L	N/A	N/A	*	EPA 8080A	WATER	PEST/PCBS	1.00	960641101		IE0040.0	6/28/96	0000026023	6/13/96
SC-02601-U-MS	AROCLOR-1260	210.00		40.000	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11353001MS		QT1390.0	6/14/96	0000027878	6/13/96
SC-02601-U-SD	AROCLOR-1260	ND		200.00	UG/KG	NOTE 1	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	960641102		IE0040.0	6/28/96	0000026024	6/13/96
SC-02609-C	AROCLOR-1260	ND		42.00	UG/KG	N/A	N/A		EPA 8080A	SOIL	PEST/PCBS	1.00	11286013	U	QT1381.0	6/7/96	0000023520	6/5/96
SC-02609-C-EB	AROCLOR-1260	ND		1.000	UG/L	N/A	N/A	*	EPA 8080A	WATER	PEST/PCBS	1.00	L7205-10		LK0416.0	6/13/96	0000027921	6/5/96
SC-02609-C-MS	AROCLOR-1260	220.00		42.000	UG/KG	N/A	N/A		EPA 8080A	SOIL	PEST/PCBS	1.00	11286013MS		QT1381.0	6/7/96	0000023626	6/5/96
SC-02609-C-SD	AROCLOR-1260	ND		16.00	UG/KG	NOTE 1	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	L7205-12		LK0416.0	6/17/96	0000027922	6/5/96
SC-02709-S	AROCLOR-1260	ND		40.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11319008	U	QT1384.0	6/11/96	0000023530	6/8/96
SC-02709-S-EB	AROCLOR-1260	ND		1.000	UG/L	N/A	N/A	*	EPA 8080A	WATER	PEST/PCBS	1.00	L7205-14		LK0416.0	6/13/96	0000027923	6/8/96
SC-02709-S-MS	AROCLOR-1260	170.00		40.000	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11319008MS		QT1384.0	6/11/96	0000023629	6/8/96
SC-02709-S-SD	AROCLOR-1260	ND		16.00	UG/KG	NOTE 1	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	L7205-16		LK0416.0	6/17/96	0000027924	6/8/96
SC-02903-S	AROCLOR-1260	ND		40.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11714002	U	QT1434.0	6/5/96	0000023551	6/2/96
SC-02903-S-EB	AROCLOR-1260	ND		1.000	UG/L	N/A	N/A	*	EPA 8081	WATER	PEST/PCBS	1.00	08L545001	U	WS1101.0	6/11/96	0000029257	6/2/96
SC-02903-S-MS	AROCLOR-1260	200.00		40.000	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11714002MS		QT1434.0	6/5/96	0000023632	6/2/96
SC-02903-S-SD	AROCLOR-1260	ND		41.00	UG/KG	NOTE 1	N/A	*	EPA 8081	SOIL	PEST/PCBS	1.00	08L545002	U	WS1101.0	6/17/96	0000029144	6/2/96
SC-03017-C	AROCLOR-1260	ND		43.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11325008	U	QT1385.0	6/12/96	0000023586	6/8/96
SC-03017-C-EB	AROCLOR-1260	ND		1.000	UG/L	N/A	N/A	*	EPA 8080A	WATER	PEST/PCBS	1.00	L7205-18		LK0416.0	6/13/96	0000027925	6/8/96
SC-03017-C-MS	AROCLOR-1260	210.00		43.000	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11325008MS		QT1385.0	6/12/96	0000023638	6/8/96
SC-03017-C-SD	AROCLOR-1260	ND		17.00	UG/KG	NOTE 1	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	L7205-20		LK0416.0	6/17/96	0000027926	6/8/96
SC-03102-S	AROCLOR-1260	ND		42.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11237001	U	QT1373.0	6/1/96	0000023955	5/31/96
SC-03102-S-EB	AROCLOR-1260	ND		1.000	UG/L	N/A	N/A	*	EPA 8080A	WATER	PEST/PCBS	1.00	11247001	U	QT1375.0	6/28/96	0000027593	5/31/96
SC-03102-S-MS	AROCLOR-1260	190.00		42.000	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11237001MS		QT1373.0	6/1/96	0000027590	5/31/96
SC-03102-S-SD	AROCLOR-1260	ND		40.00	UG/KG	NOTE 1	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	9606022-01	U	TW0018.0	6/21/96	0000027598	5/31/96
SC-03205-C	AROCLOR-1260	ND		39.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11243003	U	QT1374.0	6/5/96	0000023992	5/31/96
SC-03205-C-EB	AROCLOR-1260	ND		1.000	UG/L	N/A	N/A	*	EPA 8080A	WATER	PEST/PCBS	1.00	11247002	U	QT1375.0	6/28/96	0000027611	5/31/96
SC-03205-C-MS	AROCLOR-1260	190.00		39.000	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11243003MS		QT1374.0	6/5/96	0000027607	5/31/96
SC-03205-C-SD	AROCLOR-1260	ND		41.00	UG/KG	NOTE 1	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	9606022-02	U	TW0018.0	6/21/96		5/31/96
SC-03303-S	AROCLOR-1260	ND		42.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11340002	U	QT1389.0	6/13/96	0000023993	6/12/96
SC-03303-S-EB	AROCLOR-1260	ND		1.000	UG/L	N/A	N/A	*	EPA 8080A	WATER	PEST/PCBS	1.00	960641103		IE0040.0	6/28/96	0000027606	6/12/96
SC-03303-S-MS	AROCLOR-1260	200.00		42.000	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11340002MS		QT1389.0	6/13/96	0000027601	6/12/96
SC-03303-S-SD	AROCLOR-1260	ND		210.00	UG/KG	NOTE 1	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	960641104		IE0040.0	6/28/96	0000027605	6/12/96
SC-03402-S	AROCLOR-1260	ND		46.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11436018	U	QT1403.0	6/27/96	0000024029	6/21/96
SC-03402-S-EB	AROCLOR-1260	ND		1.000	UG/L	N/A	N/A	*	EPA 8080A	WATER	PEST/PCBS	1.00	960661201		IE0041.0	7/20/96	0000028138	6/21/96
SC-03402-S-MS	AROCLOR-1260	230.00		46.000	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11436018MS		QT1403.0	6/27/96	0000028129	6/21/96
SC-03402-S-SD	AROCLOR-1260	ND		170.00	UG/KG	NOTE 1	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	960661202		IE0041.0	7/20/96	0000028135	6/21/96
SC-03513-S	AROCLOR-1260	ND		36.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11436006	U	QT1404.0	6/26/96	0000024042	6/21/96
SC-03513-S-MS	AROCLOR-1260	200.00		36.000	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11436006MS		QT1404.0	6/26/96	0000028202	6/21/96
SC-03513-S-SD	AROCLOR-1260	ND		230.00	UG/KG	NOTE 1	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	960661204		IE0041.0	7/20/96	0000028237	6/21/96
SC-03713-S	AROCLOR-1260	ND		40.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11751008	U	QT1440.0	8/9/96	0000024267	8/7/96
SC-03713-S-EB	AROCLOR-1260	ND		1.000	UG/L	N/A	N/A	*	EPA 8081	WATER	PEST/PCBS	1.00	08L681001	U	WS1104.0	8/20/96	0000029236	8/7/96
SC-03713-S-MS	AROCLOR-1260	190.00		40.000	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11751008MS		QT1440.0	8/9/96	0000029238	8/7/96
SC-03713-S-SD	AROCLOR-1260	ND		40.00	UG/KG	NOTE 1	N/A	*	EPA 8081	SOIL	PEST/PCBS	1.00	08L681002	U	WS1104.0	8/20/96	0000029239	8/7/96
SC-03810-S	AROCLOR-1260	ND		43.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11752002	U	QT1441.0	8/9/96	0000024290	8/8/96
SC-03810-S-EB	AROCLOR-1260	ND		1.000	UG/L	N/A	N/A	*	EPA 8081	WATER	PEST/PCBS	1.00	08L681003	U	WS1104.0	8/20/96	0000028814	8/8/96
SC-03810-S-MS	AROCLOR-1260	190.00		43.000	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11752002MS		QT1441.0	8/9/96	0000028811	8/8/96
SC-03810-S-SD	AROCLOR-1260	ND		36.00	UG/KG	NOTE 1	N/A	*	EPA 8081	SOIL	PEST/PCBS	1.00	08L681004	U	WS1104.0	8/20/96	0000028809	8/8/96
SC-03908-S	AROCLOR-1260	ND		40.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11745004	U	QT1439.0	8/8/96	0000024310	8/6/96
SC-03908-S-EB	AROCLOR-1260	ND		1.000	UG/L	N/A	N/A	*	EPA 8081	WATER	PEST/PCBS	1.00	08L545003	U	WS1101.0	8/11/96	0000029255	8/6/96
SC-03908-S-MS	AROCLOR-1260	170.00		40.000	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11745004MS		QT1439.0	8/8/96	0000028896	8/6/96
SC-03908-S-SD	AROCLOR-1260	ND		40.00	UG/KG	NOTE 1	N/A	*	EPA 8081	SOIL	PEST/PCBS	1.00	08L545004	U	WS1101.0	8/17/96	0000028897	8/6/96
SC-03924-C	AROCLOR-1260	ND		40.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11745017	U	QT1439.0	8/8/96	0000024320	8/6/96

NOTE 1: The RPD/DER can not be calculated if the Parent or Quality Control Sample is non-detected

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	%RPD	DER	VAL QUAL	METHOD	MATRIX	CATEGORY	DIL	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAM
SC-03924-C-EB	AROCLOR-1260	ND		1.000	UG/L	N/A	N/A	*	EPA 8081	WATER	PEST/PCBS	1.00	08L545005	U	WS1101.0	8/11/96	0000029256	8/8/96
SC-03924-C-MS	AROCLOR-1260	150.00		40.000	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11745017MS		QT1439.0	8/8/96	0000028904	8/8/96
SC-03924-C-SD	AROCLOR-1260	ND		41.00	UG/KG	NOTE 1	N/A	*	EPA 8081	SOIL	PEST/PCBS	1.00	08L545006	U	WS1101.0	8/18/96	0000028905	8/8/96
SC-04019-S	AROCLOR-1260	ND		40.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11713010	U	QT1433.0	8/5/96	0000024332	8/2/96
SC-04019-S-EB	AROCLOR-1260	ND		0.940	UG/L	N/A	N/A	*	EPA 8080A	WATER	PEST/PCBS	1.00	L7603-9		LK0449.0	8/8/96	0000028855	8/2/96
SC-04019-S-MS	AROCLOR-1260	180.00		40.000	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11713010MS		QT1433.0	8/5/96	0000028860	8/2/96
SC-04019-S-SD	AROCLOR-1260	ND		40.00	UG/KG	NOTE 1	N/A	*	EPA CLP	SOIL	PEST/PCBS	1.00	08L497005	U	WS1100.0	8/10/96	0000028847	8/2/96
SC-04029-S	AROCLOR-1260	ND		39.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11713024	U	QT1433.0	8/5/96	0000024339	8/2/96
SC-04029-S-EB	AROCLOR-1260	ND		1.000	UG/L	N/A	N/A	*	EPA 8081	WATER	PEST/PCBS	1.00	08L545007	U	WS1101.0	8/11/96	0000028864	8/2/96
SC-04029-S-MS	AROCLOR-1260	190.00		39.000	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11713024MS		QT1433.0	8/5/96	0000028859	8/2/96
SC-04029-S-SD	AROCLOR-1260	ND		38.00	UG/KG	NOTE 1	N/A	*	EPA 8081	SOIL	PEST/PCBS	1.00	08L545008	U	WS1101.0	8/18/96	0000028856	8/2/96
SC-04220-S	AROCLOR-1260	ND		40.00	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11796002	U	QT1446.0	8/14/96	0000024390	8/12/96
SC-04220-S-MS	AROCLOR-1260	170.00		40.000	UG/KG	N/A	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11796002MS		QT1446.0	8/14/96		8/12/96
SC-04316-S	AROCLOR-1260	ND		18.00	UG/KG	N/A	N/A	U	EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-82		LK0422.0	7/4/96	0000024413	6/28/96
SC-04316-S-EB	AROCLOR-1260	ND		1.000	UG/L	N/A	N/A	*	EPA 8080A	WATER	PEST/PCBS	1.00	11497002	U	QT1411.0	7/8/96	0000028354	6/28/96
SC-04316-S-MS	AROCLOR-1260	585.00		16.000	UG/KG	N/A	N/A	A	EPA 8080A	SOIL	PEST/PCBS	1.00	L7356-82		LK0422.0	7/4/96	0000028351	6/28/96
SC-04316-S-SD	AROCLOR-1260	ND		42.00	UG/KG	NOTE 1	N/A	*	EPA 8080A	SOIL	PEST/PCBS	1.00	11497001	U	QT1411.0	7/9/96	0000028353	6/28/96
SC-04409-S	AROCLOR-1260	ND		37.00	UG/KG	N/A	N/A	U	EPA 8080A	SOIL	PEST/PCBS	1.00	11616010	U	QT1426.0	7/21/96	0000024777	7/16/96
SC-04409-S-MS	AROCLOR-1260	200.00		37.000	UG/KG	N/A	N/A	A	EPA 8080A	SOIL	PEST/PCBS	1.00	11616010MS		QT1426.0	7/21/96	0000028770	7/16/96
SC-04714-S	AROCLOR-1260	ND		40.00	UG/KG	N/A	N/A	U	EPA 8080A	SOIL	PEST/PCBS	1.00	11616026	U	QT1426.0	7/22/96	0000024857	7/17/96
SC-04714-S-MS	AROCLOR-1260	190.00		40.000	UG/KG	N/A	N/A	A	EPA 8080A	SOIL	PEST/PCBS	1.00	11616026MS		QT1426.0	7/22/96		7/17/96
SC-02002-S	ARSENIC	4.70		0.50	UG/G	N/A	N/A	*	EPA 6020	SOIL	METALS	1.00	L7580-3	*	LK0447.0	8/5/96	0000023824	8/1/96
SC-02002-S-DU	ARSENIC	6.46		0.50	UG/G	31.54%	N/A	*	EPA 6020	SOIL	METALS	1.00	L7580-3	*	LK0447.0	8/5/96	0000023952	8/1/96
SC-02002-S-EB	ARSENIC	ND		3.000	UG/L	N/A	N/A	*	EPA 6010A	WATER	METALS	1.00	L7603-1	U	LK0449.0	8/15/96	0000029215	8/1/96
SC-02002-S-FR	ARSENIC	6.00		0.490	UG/G	24.30%	N/A	*	EPA 6020	SOIL	METALS	1.00	L7580-4	*	LK0447.0	8/5/96	0000023954	8/1/96
SC-02002-S-MS	ARSENIC	28.10		0.500	UG/G	N/A	N/A	*	EPA 6020	SOIL	METALS	1.00	L7580-3		LK0447.0	8/5/96	0000023953	8/1/96
SC-02002-S-SD	ARSENIC	2.90		0.80	UG/G	47.37%	N/A	*	EPA CLP	SOIL	METALS	2.00	08L497001	B	WS1100.0	8/13/96	0000029214	8/1/96
SC-02102-S	ARSENIC	6.80		0.60	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11706005		QT1432.0	8/2/96	0000023858	8/1/96
SC-02102-S-DU	ARSENIC	7.30		0.60	UG/G	7.09%	N/A	*	EPA CLP	SOIL	METALS	1.00	11706005DU		QT1432.0	8/2/96	0000023946	8/1/96
SC-02102-S-EB	ARSENIC	ND		3.000	UG/L	N/A	N/A	*	EPA 6010A	WATER	METALS	1.00	L7603-2	U	LK0449.0	8/15/96	0000028732	8/1/96
SC-02102-S-FR	ARSENIC	9.40		0.500	UG/G	32.10%	N/A	*	EPA CLP	SOIL	METALS	1.00	11706006		QT1432.0	8/2/96	0000023948	8/1/96
SC-02102-S-MS	ARSENIC	519.00		0.500	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11706005MS		QT1432.0	8/2/96		8/1/96
SC-02102-S-SD	ARSENIC	4.20		0.92	UG/G	47.27%	N/A	*	EPA CLP	SOIL	METALS	2.00	08L497002	B	WS1100.0	8/13/96	0000028731	8/1/96
SC-02308-S	ARSENIC	7.70		0.49	UG/G	N/A	N/A	*	EPA 6020	SOIL	METALS	1.00	L7664-12		LK0443.0	8/3/96	0000023814	7/31/96
SC-02308-S-DU	ARSENIC	8.92		0.48	UG/G	14.68%	N/A	*	EPA 6020	SOIL	METALS	1.00	L7554-12		LK0443.0	8/3/96	0000023937	7/31/96
SC-02308-S-EB	ARSENIC	ND		3.000	UG/L	N/A	N/A	*	EPA 6010A	WATER	METALS	1.00	L7603-3	U	LK0449.0	8/15/96	0000029240	7/30/96
SC-02308-S-MS	ARSENIC	29.70		0.480	UG/G	N/A	N/A	*	EPA 6020	SOIL	METALS	1.00	L7554-12		LK0443.0	8/3/96	0000023938	7/31/96
SC-02308-S-SD	ARSENIC	3.80		0.88	UG/G	67.83%	N/A	*	EPA CLP	SOIL	METALS	2.00	08L497003	B	WS1100.0	8/13/96	0000029219	7/30/96
SC-02402-C	ARSENIC	9.00		0.52	UG/G	N/A	N/A	*	EPA 6020	SOIL	METALS	1.00	L7556-27		LK0441.0	8/3/96	0000023617	7/30/96
SC-02402-C-DU	ARSENIC	7.82		0.51	UG/G	14.03%	N/A	*	EPA 6020	SOIL	METALS	1.00	L7555-27		LK0441.0	8/3/96	0000023619	7/30/96
SC-02402-C-EB	ARSENIC	ND		3.000	UG/L	N/A	N/A	*	EPA 6010A	WATER	METALS	1.00	L7603-4	U	LK0449.0	8/15/96	0000029244	7/30/96
SC-02402-C-MS	ARSENIC	29.50		0.510	UG/G	N/A	N/A	*	EPA 6020	SOIL	METALS	1.00	L7555-27		LK0441.0	8/3/96	0000023620	7/30/96
SC-02402-C-SD	ARSENIC	5.80		0.94	UG/G	46.58%	N/A	*	EPA CLP	SOIL	METALS	2.00	08L497004		WS1100.0	8/13/96	0000029217	7/30/96
SC-02903-S	ARSENIC	7.80		0.49	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11714002		QT1434.0	8/3/96	0000023551	8/2/96
SC-02903-S-DU	ARSENIC	8.50		0.49	UG/G	8.59%	N/A	*	EPA CLP	SOIL	METALS	1.00	11714002DU		QT1434.0	8/3/96	0000023631	8/2/96
SC-02903-S-EB	ARSENIC	1.800		1.100	UG/L	N/A	N/A	*	EPA CLP	WATER	METALS	1.00	08L545001	B	WS1101.0	8/22/96	0000029257	8/2/96
SC-02903-S-FR	ARSENIC	14.10		0.480	UG/G	57.53%	N/A	*	EPA CLP	SOIL	METALS	1.00	11714003		QT1434.0	8/3/96	0000026026	8/2/96
SC-02903-S-MS	ARSENIC	509.00		0.490	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11714002MS		QT1434.0	8/3/96	0000023632	8/2/96
SC-02903-S-SD	ARSENIC	5.10		0.27	UG/G	41.86%	N/A	*	EPA CLP	SOIL	METALS	1.00	08L545002		WS1101.0	8/22/96	0000029144	8/2/96
SC-03102-S	ARSENIC	6.10		0.50	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11237001		QT1373.0	8/1/96	0000023955	5/31/96
SC-03102-S-DU	ARSENIC	6.10		0.50	UG/G	0.00%	N/A	*	EPA CLP	SOIL	METALS	1.00	11237001DU		QT1373.0	8/1/96	0000027591	5/31/96

NOTE 1: The RPD/DER can not be calculated if the Parent or Quality Control Sample is non-detected

APPENDIX G TABLE G-1

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	%RPD	DER	VAL QUAL	METHOD	MATRIX	CATEGORY	DIL	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAM
SC-03102-S-EB	ARSENIC	ND		2.000	UG/L	N/A	N/A	*	EPA CLP	WATER	METALS	1.00	11247001	U	QT1375.0	6/7/96	0000027593	5/31/96
SC-03102-S-MS	ARSENIC	526.00		0.500	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11237001MS		QT1373.0	6/1/96	0000027590	5/31/96
SC-03102-S-SD	ARSENIC	7.10		0.93	UG/G	15.15%	N/A	*	EPA CLP	SOIL	METALS	1.00	S606022-01		TW0016.0	7/16/96	0000027598	5/31/96
SC-03205-C	ARSENIC	9.90		0.47	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11243003		QT1374.0	6/4/96	0000023992	5/31/96
SC-03205-C-DU	ARSENIC	8.30		0.47	UG/G	17.58%	N/A	*	EPA CLP	SOIL	METALS	1.00	11243003DU		QT1374.0	6/4/96	0000027609	5/31/96
SC-03205-C-EB	ARSENIC	ND		2.000	UG/L	N/A	N/A	*	EPA CLP	WATER	METALS	1.00	11247002	U	QT1375.0	6/7/96	0000027611	5/31/96
SC-03205-C-FR	ARSENIC	5.40		0.500	UG/G	58.82%	N/A	*	EPA CLP	SOIL	METALS	1.00	11243004		QT1374.0	6/4/96	0000027610	5/31/96
SC-03205-C-MS	ARSENIC	496.00		0.470	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11243003MS		QT1374.0	6/4/96	0000027607	5/31/96
SC-03205-C-SD	ARSENIC	4.50		0.90	UG/G	75.00%	N/A	*	EPA CLP	SOIL	METALS	1.00	S606022-02		TW0016.0	7/16/96		5/31/96
SC-03303-S	ARSENIC	6.20		0.51	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11340002		QT1389.0	6/13/96	0000023993	6/12/96
SC-03303-S-DU	ARSENIC	7.40		0.51	UG/G	17.65%	N/A	*	EPA CLP	SOIL	METALS	1.00	11340002DU		QT1389.0	6/13/96	0000027603	6/12/96
SC-03303-S-EB	ARSENIC	ND		2.000	UG/L	N/A	N/A	*	EPA CLP	WATER	METALS	1.00	960641103	U	IE0040.0	7/10/96	0000027606	6/12/96
SC-03303-S-FR	ARSENIC	4.20		0.510	UG/G	38.46%	N/A	*	EPA CLP	SOIL	METALS	1.00	11340003		QT1389.0	6/13/96	0000027604	6/12/96
SC-03303-S-MS	ARSENIC	531.00		0.510	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11340002MS		QT1389.0	6/13/96	0000027601	6/12/96
SC-03303-S-SD	ARSENIC	4.00		0.37	UG/G	43.14%	N/A	*	EPA CLP	SOIL	METALS	1.00	960641104		IE0040.0	7/18/96	0000027605	6/12/96
SC-03513-S	ARSENIC	7.40		0.43	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11435006		QT1404.0	6/25/96	0000024042	6/21/96
SC-03513-S-DU	ARSENIC	9.90		0.43	UG/G	28.90%	N/A	*	EPA CLP	SOIL	METALS	1.00	11435006DU		QT1404.0	6/25/96	0000028203	6/21/96
SC-03513-S-EB	ARSENIC	4.900		1.000	UG/L	N/A	N/A	*	EPA CLP	WATER	METALS	0.50	960661203	B	IE0041.0	7/25/96	0000028239	6/21/96
SC-03513-S-MS	ARSENIC	458.00		0.430	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11435006MS		QT1404.0	6/25/96	0000028202	6/21/96
SC-03513-S-SD	ARSENIC	3.10		0.34	UG/G	81.80%	N/A	*	EPA CLP	SOIL	METALS	1.00	960661204		IE0041.0	7/15/96	0000028237	6/21/96
SC-03713-S	ARSENIC	4.60		0.49	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11751008		QT1440.0	8/9/96	0000024267	8/7/96
SC-03713-S-DU	ARSENIC	6.70		0.49	UG/G	37.17%	N/A	*	EPA CLP	SOIL	METALS	1.00	11751008DU		QT1440.0	8/9/96	0000029235	8/7/96
SC-03713-S-EB	ARSENIC	52.800		2.200	UG/L	N/A	N/A	*	EPA CLP	WATER	METALS	2.00	08L661001		WS1104.0	8/23/96	0000029236	8/7/96
SC-03713-S-MS	ARSENIC	499.00		0.490	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11751008MS		QT1440.0	8/9/96	0000029238	8/7/96
SC-03713-S-SD	ARSENIC	3.00		0.26	UG/G	42.11%	N/A	*	EPA CLP	SOIL	METALS	1.00	08L661002		WS1104.0	8/22/96	0000029239	8/7/96
SC-03810-S	ARSENIC	13.90		0.52	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11752002		QT1441.0	8/9/96	0000024290	8/8/96
SC-03810-S-DU	ARSENIC	16.50		0.52	UG/G	17.11%	N/A	*	EPA CLP	SOIL	METALS	1.00	11752002DU		QT1441.0	8/9/96	0000028610	8/8/96
SC-03810-S-EB	ARSENIC	1.400		1.100	UG/L	N/A	N/A	*	EPA CLP	WATER	METALS	1.00	08L661003	B	WS1104.0	8/22/96	0000028614	8/8/96
SC-03810-S-MS	ARSENIC	533.00		0.520	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11752002MS		QT1441.0	8/9/96	0000028611	8/8/96
SC-03810-S-SD	ARSENIC	4.70		0.25	UG/G	86.92%	N/A	*	EPA CLP	SOIL	METALS	1.00	08L661004		WS1104.0	8/22/96	0000028609	8/8/96
SC-03908-S	ARSENIC	3.50		0.49	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11745004		QT1439.0	8/8/96	0000024310	8/6/96
SC-03908-S-DU	ARSENIC	2.30		0.49	UG/G	41.38%	N/A	*	EPA CLP	SOIL	METALS	1.00	11745004DU	B	QT1439.0	8/8/96	0000028894	8/6/96
SC-03908-S-EB	ARSENIC	ND		1.100	UG/L	N/A	N/A	*	EPA CLP	WATER	METALS	1.00	08L545003	U	WS1101.0	8/22/96	0000029255	8/5/96
SC-03908-S-FR	ARSENIC	4.80		0.490	UG/G	33.33%	N/A	*	EPA CLP	SOIL	METALS	1.00	11745005		QT1439.0	8/8/96	0000028895	8/6/96
SC-03908-S-MS	ARSENIC	502.00		0.490	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11745004MS		QT1439.0	8/8/96	0000028896	8/6/96
SC-03908-S-SD	ARSENIC	2.10		0.26	UG/G	50.00%	N/A	*	EPA CLP	SOIL	METALS	1.00	08L545004	B	WS1101.0	8/22/96	0000028897	8/6/96
SC-03924-C	ARSENIC	11.00		0.49	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11745017		QT1439.0	8/8/96	0000024320	8/6/96
SC-03924-C-DU	ARSENIC	7.80		0.49	UG/G	34.04%	N/A	*	EPA CLP	SOIL	METALS	1.00	11745017DU		QT1439.0	8/8/96	0000028901	8/6/96
SC-03924-C-EB	ARSENIC	1.500		1.100	UG/L	N/A	N/A	*	EPA CLP	WATER	METALS	1.00	08L545005	B	WS1101.0	8/22/96	0000029256	8/5/96
SC-03924-C-MS	ARSENIC	508.00		0.490	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11745017MS		QT1439.0	8/8/96	0000028904	8/6/96
SC-03924-C-SD	ARSENIC	5.80		0.27	UG/G	61.90%	N/A	*	EPA CLP	SOIL	METALS	1.00	08L545006		WS1101.0	8/22/96	0000028905	8/6/96
SC-04018-S	ARSENIC	4.70		0.49	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11713010		QT1433.0	8/3/96	0000024332	8/2/96
SC-04018-S-DU	ARSENIC	5.40		0.49	UG/G	13.86%	N/A	*	EPA CLP	SOIL	METALS	1.00	11713010DU		QT1433.0	8/3/96	0000028651	8/2/96
SC-04018-S-EB	ARSENIC	ND		3.000	UG/L	N/A	N/A	*	EPA 6010A	WATER	METALS	1.00	L7803-5	U	LK0449.0	8/15/96	0000028655	8/2/96
SC-04018-S-FR	ARSENIC	8.10		0.480	UG/G	53.13%	N/A	*	EPA CLP	SOIL	METALS	1.00	11713011		QT1433.0	8/3/96	0000028649	8/2/96
SC-04018-S-MS	ARSENIC	509.00		0.490	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11713010MS		QT1433.0	8/3/96	0000028650	8/2/96
SC-04018-S-SD	ARSENIC	2.60		0.27	UG/G	67.53%	N/A	*	EPA CLP	SOIL	METALS	1.00	08L497005		WS1100.0	8/9/96	0000028647	8/2/96
SC-04220-S	ARSENIC	2.50		0.48	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11796002		QT1446.0	8/14/96	0000024390	8/12/96
SC-04220-S-DU	ARSENIC	4.30		0.48	UG/G	52.94%	N/A	*	EPA CLP	SOIL	METALS	1.00	11796002DU		QT1446.0	8/14/96		8/12/96
SC-04220-S-MS	ARSENIC	504.00		0.480	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11796002MS		QT1446.0	8/14/96		8/12/96
SC-04316-S	ARSENIC	ND		5.70	UG/G	N/A	N/A	5.7U	EPA 6020	SOIL	METALS	1.00	L7358-54		LK0422.0	7/3/96	0000024413	6/26/96

NOTE 1: The RPD/DER can not be calculated if the Parent or Quality Control Sample is non-detected

APPENDIX G TABLE G-1

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	%RPD	DER	VAL QUAL	METHOD	MATRIX	CATEGORY	DIL	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAM
SC-04316-S-DU	ARSENIC	ND		7.13	UG/G	NOTE 1	N/A	7.13U	EPA 6020	SOIL	METALS	1.00	L7356-54		LK0422.0	7/3/96	0000028350	6/28/96
SC-04316-S-EB	ARSENIC	2.700		2.000	UG/L	N/A	N/A	*	EPA CLP	WATER	METALS	1.00	11497002	B	QT1411.0	7/16/96	0000028354	6/28/96
SC-04316-S-FR	ARSENIC	ND		7.600	UG/G	NOTE 1	N/A	7.6U	EPA 6020	SOIL	METALS	1.00	L7356-55		LK0422.0	7/3/96	0000028355	6/28/96
SC-04316-S-MS	ARSENIC	117.00		0.480	UG/G	N/A	N/A	A	EPA 6020	SOIL	METALS	1.00	-L7356-54		LK0422.0	7/3/96	0000028351	6/28/96
SC-04316-S-SD	ARSENIC	10.30		0.51	UG/G	NOTE 1	N/A	*	EPA CLP	SOIL	METALS	1.00	11497001		QT1411.0	7/9/96	0000028353	6/28/96
SC-04416-S	BENZO(A)PYRENE	0.97		5.90	UG/KG	N/A	N/A	U	EPA 8310	SOIL	SEMI-VOLATILES	1.00	L7356-56	J	LK0422.0	7/3/96	0000024781	6/28/96
SC-04416-S-MS	BENZO(A)PYRENE	9.02		5.900	UG/KG	N/A	N/A	A	EPA 8310	SOIL	SEMI-VOLATILES	1.00	L7356-56		LK0422.0	7/3/96		6/28/96
SC-02102-S	CHROMIUM	14.60		0.58	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11706005		QT1432.0	8/2/96	0000023858	8/1/96
SC-02102-S-DU	CHROMIUM	15.00		0.58	UG/G	1.34%	N/A	*	EPA CLP	SOIL	METALS	1.00	11706005DU		QT1432.0	8/2/96	0000023946	8/1/96
SC-02102-S-EB	CHROMIUM	ND		4.000	UG/L	N/A	N/A	*	EPA 6010A	WATER	METALS	1.00	L7603-2	U	LK0449.0	8/15/96	0000026732	8/1/96
SC-02102-S-FR	CHROMIUM	14.30		0.580	UG/G	3.44%	N/A	*	EPA CLP	SOIL	METALS	1.00	11706006		QT1432.0	8/2/96	0000023948	8/1/96
SC-02102-S-MS	CHROMIUM	64.10		0.580	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11706005MS		QT1432.0	8/2/96		8/1/96
SC-02102-S-SD	CHROMIUM	11.90		1.32	UG/G	21.72%	N/A	*	EPA CLP	SOIL	METALS	1.00	08L497002		WS1100.0	8/8/96	0000028731	8/1/96
SC-02308-S	CHROMIUM	24.10		0.24	UG/G	N/A	N/A	*	EPA 6020	SOIL	METALS	1.00	L7554-12		LK0443.0	8/3/96	0000023914	7/31/96
SC-02308-S-DU	CHROMIUM	25.40		0.24	UG/G	5.25%	N/A	*	EPA 6020	SOIL	METALS	1.00	L7554-12		LK0443.0	8/3/96	0000023937	7/31/96
SC-02308-S-EB	CHROMIUM	ND		4.000	UG/L	N/A	N/A	*	EPA 6010A	WATER	METALS	1.00	L7603-3	U	LK0449.0	8/15/96	0000029240	7/30/96
SC-02308-S-FR	CHROMIUM	25.40		0.240	UG/G	5.25%	N/A	*	EPA 6020	SOIL	METALS	1.00	L7554-13		LK0443.0	8/3/96	0000023939	7/31/96
SC-02308-S-MS	CHROMIUM	71.90		0.240	UG/G	N/A	N/A	*	EPA 6020	SOIL	METALS	1.00	L7554-12		LK0443.0	8/3/96	0000023938	7/31/96
SC-02308-S-SD	CHROMIUM	15.50		1.27	UG/G	43.43%	N/A	*	EPA CLP	SOIL	METALS	1.00	08L497003		WS1100.0	8/8/96	0000029219	7/30/96
SC-02402-C	CHROMIUM	22.70		0.26	UG/G	N/A	N/A	*	EPA 6020	SOIL	METALS	1.00	L7555-27		LK0441.0	8/3/96	0000023617	7/30/96
SC-02402-C-DU	CHROMIUM	22.50		0.26	UG/G	0.88%	N/A	*	EPA 6020	SOIL	METALS	1.00	L7555-27		LK0441.0	8/3/96	0000023619	7/30/96
SC-02402-C-EB	CHROMIUM	ND		4.000	UG/L	N/A	N/A	*	EPA 6010A	WATER	METALS	1.00	L7603-4	U	LK0449.0	8/15/96	0000029244	7/30/96
SC-02402-C-FR	CHROMIUM	22.80		0.250	UG/G	0.44%	N/A	*	EPA 6020	SOIL	METALS	1.00	L7555-28		LK0441.0	8/3/96	0000023621	7/30/96
SC-02402-C-MS	CHROMIUM	73.40		0.250	UG/G	N/A	N/A	*	EPA 6020	SOIL	METALS	1.00	L7555-27		LK0441.0	8/3/96	0000023620	7/30/96
SC-02402-C-SD	CHROMIUM	17.50		1.35	UG/G	25.67%	N/A	*	EPA CLP	SOIL	METALS	1.00	08L497004		WS1100.0	8/8/96	0000029217	7/30/96
SC-02903-S	CHROMIUM	19.30		0.56	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11714002		QT1434.0	8/3/96	0000023551	8/2/96
SC-02903-S-DU	CHROMIUM	17.60		0.56	UG/G	9.21%	N/A	*	EPA CLP	SOIL	METALS	1.00	11714002DU		QT1434.0	8/3/96	0000023631	8/2/96
SC-02903-S-EB	CHROMIUM	ND		5.200	UG/L	N/A	N/A	*	EPA CLP	WATER	METALS	1.00	08L545001	U	WS1101.0	8/20/96	0000029257	8/2/96
SC-02903-S-FR	CHROMIUM	20.40		0.550	UG/G	5.54%	N/A	*	EPA CLP	SOIL	METALS	1.00	11714003		QT1434.0	8/3/96	0000028026	8/2/96
SC-02903-S-MS	CHROMIUM	82.70		0.560	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11714002MS		QT1434.0	8/3/96	0000023632	8/2/96
SC-02903-S-SD	CHROMIUM	20.30		1.30	UG/G	5.05%	N/A	*	EPA CLP	SOIL	METALS	1.00	08L545002		WS1101.0	8/20/96	0000029144	8/2/96
SC-03102-S	CHROMIUM	13.90		0.57	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11237001		QT1373.0	6/1/96	0000023955	5/31/96
SC-03102-S-DU	CHROMIUM	14.50		0.57	UG/G	4.23%	N/A	*	EPA CLP	SOIL	METALS	1.00	11237001DU		QT1373.0	6/1/96	0000027591	5/31/96
SC-03102-S-EB	CHROMIUM	ND		4.100	UG/L	N/A	N/A	*	EPA CLP	WATER	METALS	1.00	11247001	U	QT1375.0	6/7/96	0000027593	5/31/96
SC-03102-S-FR	CHROMIUM	16.40		0.590	UG/G	16.50%	N/A	*	EPA CLP	SOIL	METALS	1.00	11237002		QT1373.0	6/1/96	0000027592	5/31/96
SC-03102-S-MS	CHROMIUM	59.50		0.570	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11237001MS		QT1373.0	6/1/96	0000027590	5/31/96
SC-03102-S-SD	CHROMIUM	15.50		0.81	UG/G	10.68%	N/A	*	EPA CLP	SOIL	METALS	1.00	S606022-01		TW0018.0	7/18/96	0000027598	5/31/96
SC-03205-C	CHROMIUM	12.10		0.54	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11243003		QT1374.0	6/4/96	0000023992	5/31/96
SC-03205-C-DU	CHROMIUM	13.80		0.54	UG/G	13.13%	N/A	*	EPA CLP	SOIL	METALS	1.00	11243003DU		QT1374.0	6/4/96	0000027609	5/31/96
SC-03205-C-EB	CHROMIUM	ND		4.100	UG/L	N/A	N/A	*	EPA CLP	WATER	METALS	1.00	11247002	U	QT1375.0	6/7/96	0000027611	5/31/96
SC-03205-C-FR	CHROMIUM	12.10		0.580	UG/G	0.00%	N/A	*	EPA CLP	SOIL	METALS	1.00	11243004		QT1374.0	6/4/96	0000027610	5/31/96
SC-03205-C-MS	CHROMIUM	54.20		0.540	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11243003MS		QT1374.0	6/4/96	0000027607	5/31/96
SC-03205-C-SD	CHROMIUM	14.60		0.78	UG/G	16.73%	N/A	*	EPA CLP	SOIL	METALS	1.00	S606022-02		TW0018.0	7/18/96		5/31/96
SC-03303-S	CHROMIUM	12.50		0.58	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11340002		QT1389.0	6/13/96	0000023993	6/12/96
SC-03303-S-DU	CHROMIUM	11.50		0.59	UG/G	8.33%	N/A	*	EPA CLP	SOIL	METALS	1.00	11340002DU		QT1389.0	6/13/96	0000027603	6/12/96
SC-03303-S-EB	CHROMIUM	ND		1.000	UG/L	N/A	N/A	*	EPA CLP	WATER	METALS	1.00	960641103	U	IE0040.0	7/10/96	0000027606	6/12/96
SC-03303-S-FR	CHROMIUM	11.60		0.580	UG/G	5.76%	N/A	*	EPA CLP	SOIL	METALS	1.00	11340003		QT1389.0	6/13/96	0000027604	6/12/96
SC-03303-S-MS	CHROMIUM	65.10		0.590	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11340002MS		QT1389.0	6/13/96	0000027601	6/12/96
SC-03303-S-SD	CHROMIUM	7.90		0.19	UG/G	45.10%	N/A	*	EPA CLP	SOIL	METALS	1.00	960641104		IE0040.0	7/18/96	0000027605	6/12/96
SC-03513-S	CHROMIUM	14.10		0.49	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11435006		QT1404.0	6/25/96	0000024042	6/21/96
SC-03513-S-DU	CHROMIUM	14.80		0.49	UG/G	4.84%	N/A	*	EPA CLP	SOIL	METALS	1.00	11435006DU		QT1404.0	6/25/96	0000028203	6/21/96

NOTE 1: The RPD/DER can not be calculated if the Parent or Quality Control Sample is non-detected

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	%RPD	DER	VAL QUAL	METHOD	MATRIX	CATEGORY	DIL	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAM
SC-03513-S-EB	CHROMIUM	1.300		0.500	UG/L	N/A	N/A	*	EPA CLP	WATER	METALS	0.50	960661203	B	IE0041.0	7/25/96	0000026239	6/21/96
SC-03513-S-FR	CHROMIUM	16.50		0.550	UG/G	15.69%	N/A	*	EPA CLP	SOIL	METALS	1.00	11435007		QT1404.0	6/25/96	0000026201	6/21/96
SC-03513-S-MS	CHROMIUM	63.60		0.480	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11435008MS		QT1404.0	6/25/96	0000026202	6/21/96
SC-03513-S-SD	CHROMIUM	10.70		0.17	UG/G	27.42%	N/A	*	EPA CLP	SOIL	METALS	1.00	960661204		IE0041.0	7/15/96	0000026237	6/21/96
SC-03713-S	CHROMIUM	10.80		0.56	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11751006		QT1440.0	8/9/96	0000024257	8/7/96
SC-03713-S-DU	CHROMIUM	13.80		0.56	UG/G	24.39%	N/A	*	EPA CLP	SOIL	METALS	1.00	11751006DU		QT1440.0	8/9/96	0000029235	8/7/96
SC-03713-S-EB	CHROMIUM	ND		5.200	UG/L	N/A	N/A	*	EPA CLP	WATER	METALS	1.00	08L681001	U	WS1104.0	8/20/96	0000029238	8/7/96
SC-03713-S-FR	CHROMIUM	10.80		0.550	UG/G	0.00%	N/A	*	EPA CLP	SOIL	METALS	1.00	11751009		QT1440.0	8/9/96	0000029237	8/7/96
SC-03713-S-MS	CHROMIUM	57.00		0.560	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11751008MS		QT1440.0	8/9/96	0000029236	8/7/96
SC-03713-S-SD	CHROMIUM	11.10		1.20	UG/G	2.74%	N/A	*	EPA CLP	SOIL	METALS	1.00	08L681002		WS1104.0	8/20/96	0000029239	8/7/96
SC-03810-S	CHROMIUM	20.20		0.59	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11752002		QT1441.0	8/9/96	0000024290	8/8/96
SC-03810-S-DU	CHROMIUM	20.00		0.58	UG/G	1.00%	N/A	*	EPA CLP	SOIL	METALS	1.00	11752002DU		QT1441.0	8/9/96	0000028810	8/8/96
SC-03810-S-EB	CHROMIUM	ND		5.200	UG/L	N/A	N/A	*	EPA CLP	WATER	METALS	1.00	08L681003	U	WS1104.0	8/20/96	0000028814	8/8/96
SC-03810-S-FR	CHROMIUM	21.30		0.570	UG/G	5.30%	N/A	*	EPA CLP	SOIL	METALS	1.00	11752003		QT1441.0	8/9/96	0000028808	8/8/96
SC-03810-S-MS	CHROMIUM	69.20		0.590	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11752002MS		QT1441.0	8/9/96	0000028811	8/8/96
SC-03810-S-SD	CHROMIUM	21.10		1.24	UG/G	4.36%	N/A	*	EPA CLP	SOIL	METALS	1.00	08L681004		WS1104.0	8/20/96	0000028809	8/8/96
SC-03908-S	CHROMIUM	10.20		0.56	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11745004		QT1439.0	8/8/96	0000024310	8/6/96
SC-03908-S-DU	CHROMIUM	9.40		0.56	UG/G	8.16%	N/A	*	EPA CLP	SOIL	METALS	1.00	11745004DU		QT1439.0	8/8/96	0000028894	8/6/96
SC-03908-S-EB	CHROMIUM	ND		5.200	UG/L	N/A	N/A	*	EPA CLP	WATER	METALS	1.00	08L545003	U	WS1101.0	8/20/96	0000029255	8/6/96
SC-03908-S-FR	CHROMIUM	13.30		0.580	UG/G	26.36%	N/A	*	EPA CLP	SOIL	METALS	1.00	11745005		QT1439.0	8/8/96	0000028895	8/6/96
SC-03908-S-MS	CHROMIUM	55.00		0.560	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11745004MS		QT1439.0	8/8/96	0000028896	8/6/96
SC-03908-S-SD	CHROMIUM	11.50		1.20	UG/G	11.98%	N/A	*	EPA CLP	SOIL	METALS	1.00	08L545004		WS1101.0	8/20/96	0000028897	8/6/96
SC-03924-C	CHROMIUM	15.00		0.56	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11745017		QT1439.0	8/8/96	0000024320	8/6/96
SC-03924-C-DU	CHROMIUM	14.80		0.56	UG/G	1.34%	N/A	*	EPA CLP	SOIL	METALS	1.00	11745017DU		QT1439.0	8/8/96	0000028901	8/6/96
SC-03924-C-EB	CHROMIUM	ND		5.200	UG/L	N/A	N/A	*	EPA CLP	WATER	METALS	1.00	08L545005	U	WS1101.0	8/20/96	0000029258	8/6/96
SC-03924-C-FR	CHROMIUM	13.60		0.560	UG/G	9.79%	N/A	*	EPA CLP	SOIL	METALS	1.00	11745018		QT1439.0	8/8/96	0000028902	8/6/96
SC-03924-C-MS	CHROMIUM	84.00		0.560	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11745017MS		QT1439.0	8/8/96		8/6/96
SC-03924-C-SD	CHROMIUM	25.20		1.30	UG/G	50.75%	N/A	*	EPA CLP	SOIL	METALS	1.00	08L545006		WS1101.0	8/20/96	0000028905	8/6/96
SC-04019-S	CHROMIUM	14.20		0.58	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11713010		QT1433.0	8/3/96	0000024332	8/2/96
SC-04019-S-DU	CHROMIUM	17.10		0.58	UG/G	18.53%	N/A	*	EPA CLP	SOIL	METALS	1.00	11713010DU		QT1433.0	8/3/96	0000028651	8/2/96
SC-04019-S-EB	CHROMIUM	ND		4.000	UG/L	N/A	N/A	*	EPA 6010A	WATER	METALS	1.00	L7603-5	U	LK0449.0	8/15/96	0000028655	8/2/96
SC-04019-S-FR	CHROMIUM	16.00		0.550	UG/G	11.92%	N/A	*	EPA CLP	SOIL	METALS	1.00	11713011		QT1433.0	8/3/96	0000028649	8/2/96
SC-04019-S-MS	CHROMIUM	62.70		0.560	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11713010MS		QT1433.0	8/3/96	0000028650	8/2/96
SC-04019-S-SD	CHROMIUM	16.40		1.26	UG/G	14.38%	N/A	*	EPA CLP	SOIL	METALS	1.00	08L497005		WS1100.0	8/8/96	0000028647	8/2/96
SC-04220-S	CHROMIUM	10.30		0.55	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11796002		QT1446.0	8/14/96	0000024390	8/12/96
SC-04220-S-DU	CHROMIUM	13.40		0.55	UG/G	26.16%	N/A	*	EPA CLP	SOIL	METALS	1.00	11796002DU		QT1446.0	8/14/96		8/12/96
SC-04220-S-MS	CHROMIUM	56.90		0.550	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11796002MS		QT1446.0	8/14/96		8/12/96
SC-04316-S	CHROMIUM	30.40		0.25	UG/G	N/A	N/A	A	EPA 6020	SOIL	METALS	1.00	L7356-54		LK0422.0	7/3/96	0000024413	6/28/96
SC-04316-S-DU	CHROMIUM	31.40		0.25	UG/G	3.24%	N/A	A	EPA 6020	SOIL	METALS	1.00	L7356-54		LK0422.0	7/3/96	0000028350	6/28/96
SC-04316-S-EB	CHROMIUM	ND		2.300	UG/L	N/A	N/A	*	EPA CLP	WATER	METALS	1.00	11497002	U	QT1411.0	7/16/96	0000028354	6/28/96
SC-04316-S-FR	CHROMIUM	29.60		0.250	UG/G	2.67%	N/A	A	EPA 6020	SOIL	METALS	1.00	L7356-55		LK0422.0	7/3/96	0000028355	6/28/96
SC-04316-S-MS	CHROMIUM	88.60		0.240	UG/G	N/A	N/A	A	EPA 6020	SOIL	METALS	1.00	L7356-54		LK0422.0	7/3/96	0000028351	6/28/96
SC-04316-S-SD	CHROMIUM	23.30		0.58	UG/G	26.44%	N/A	*	EPA CLP	SOIL	METALS	1.00	11497001		QT1411.0	7/9/96	0000028353	6/28/96
SC-02102-S	LEAD	13.90		0.35	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11706005		QT1432.0	8/2/96	0000028658	8/1/96
SC-02102-S-DU	LEAD	12.40		0.35	UG/G	11.41%	N/A	*	EPA CLP	SOIL	METALS	1.00	11706005DU		QT1432.0	8/2/96	0000028946	8/1/96
SC-02102-S-EB	LEAD	ND		2.000	UG/L	N/A	N/A	*	EPA 6010A	WATER	METALS	1.00	L7603-2	U	LK0449.0	8/15/96	0000028732	8/1/96
SC-02102-S-FR	LEAD	15.10		0.350	UG/G	8.28%	N/A	*	EPA CLP	SOIL	METALS	1.00	11706006		QT1432.0	8/2/96	0000028948	8/1/96
SC-02102-S-MS	LEAD	129.00		0.350	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11706005MS		QT1432.0	8/2/96		8/1/96
SC-02102-S-SD	LEAD	9.20		6.65	UG/G	40.69%	N/A	*	EPA CLP	SOIL	METALS	1.00	08L497002		WS1100.0	8/8/96	0000028731	8/1/96
SC-02306-S	LEAD	15.40		0.24	UG/G	N/A	N/A	*	EPA 6020	SOIL	METALS	1.00	L7554-12		LK0443.0	8/3/96	0000023914	7/31/96
SC-02306-S-DU	LEAD	16.60		0.24	UG/G	7.50%	N/A	*	EPA 6020	SOIL	METALS	1.00	L7554-12		LK0443.0	8/3/96	0000023937	7/31/96

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WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	%RPD	DER	VAL QUAL	METHOD	MATRIX	CATEGORY	DIL	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAM
SC-02308-S-EB	LEAD	ND		2.000	UG/L	N/A	N/A	*	EPA 6010A	WATER	METALS	1.00	L7603-3	U	LK0449.0	8/15/96	0000029240	7/30/96
SC-02308-S-FR	LEAD	16.70		0.240	UG/G	8.10%	N/A	*	EPA 6020	SOIL	METALS	1.00	L7554-13		LK0443.0	8/3/96	0000023939	7/31/96
SC-02308-S-MS	LEAD	41.30		0.240	UG/G	N/A	N/A	*	EPA 6020	SOIL	METALS	1.00	L7554-12		LK0443.0	8/3/96	0000023938	7/31/96
SC-02308-S-SD	LEAD	15.30		6.43	UG/G	0.65%	N/A	*	EPA CLP	SOIL	METALS	1.00	08L497003		WS1100.0	8/8/96	0000029219	7/30/96
SC-02402-C	LEAD	19.80		0.26	UG/G	N/A	N/A	*	EPA 6020	SOIL	METALS	1.00	L7555-27		LK0441.0	8/3/96	0000023617	7/30/96
SC-02402-C-DU	LEAD	16.30		0.26	UG/G	19.69%	N/A	*	EPA 6020	SOIL	METALS	1.00	L7555-27		LK0441.0	8/3/96	0000023619	7/30/96
SC-02402-C-EB	LEAD	ND		2.000	UG/L	N/A	N/A	*	EPA 6010A	WATER	METALS	1.00	L7603-4	U	LK0449.0	8/15/96	0000029244	7/30/96
SC-02402-C-FR	LEAD	19.40		0.250	UG/G	2.54%	N/A	*	EPA 6020	SOIL	METALS	1.00	L7556-28		LK0441.0	8/3/96	0000023621	7/30/96
SC-02402-C-MS	LEAD	43.90		0.250	UG/G	N/A	N/A	*	EPA 6020	SOIL	METALS	1.00	L7555-27		LK0441.0	8/3/96	0000023620	7/30/96
SC-02402-C-SD	LEAD	16.00		6.83	UG/G	21.73%	N/A	*	EPA CLP	SOIL	METALS	1.00	08L497004		WS1100.0	8/8/96	0000029217	7/30/96
SC-02501-S	LEAD	17.10		0.15	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11277001		QT1380.0	8/8/96	0000023453	8/5/96
SC-02501-S-DU	LEAD	14.00		0.15	UG/G	19.94%	N/A	*	EPA CLP	SOIL	METALS	1.00	11277001DU		QT1380.0	8/8/96	0000023457	8/5/96
SC-02501-S-EB	LEAD	ND		2.000	UG/L	N/A	N/A	*	EPA 6010A	WATER	METALS	1.00	L7205-1	U	LK0416.0	7/15/96		8/5/96
SC-02501-S-FR	LEAD	14.40		0.150	UG/G	17.14%	N/A	*	EPA CLP	SOIL	METALS	1.00	11277002		QT1380.0	8/8/96	0000023459	8/5/96
SC-02501-S-MS	LEAD	131.00		0.150	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11277001MS		QT1380.0	8/8/96	0000023458	8/5/96
SC-02501-S-SD	LEAD	27.90		0.58	UG/G	46.00%	N/A	*	EPA 6010A	SOIL	METALS	1.00	L7205-3	*	LK0416.0	7/13/96	0000027917	8/5/96
SC-02516-S	LEAD	15.60		0.14	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11277016		QT1380.0	8/8/96	0000023492	8/5/96
SC-02516-S-DU	LEAD	14.50		0.14	UG/G	7.31%	N/A	*	EPA CLP	SOIL	METALS	1.00	11277016DU		QT1380.0	8/8/96	0000023622	8/5/96
SC-02516-S-EB	LEAD	ND		2.000	UG/L	N/A	N/A	*	EPA 6010A	WATER	METALS	1.00	L7205-5	U	LK0416.0	7/15/96	0000027920	8/5/96
SC-02516-S-FR	LEAD	16.00		0.140	UG/G	2.53%	N/A	*	EPA CLP	SOIL	METALS	1.00	11277017		QT1380.0	8/8/96	0000023624	8/5/96
SC-02516-S-MS	LEAD	128.00		0.140	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11277016MS		QT1380.0	8/8/96	0000023623	8/5/96
SC-02516-S-SD	LEAD	14.50		0.48	UG/G	7.31%	N/A	*	EPA 6010A	SOIL	METALS	1.00	L7205-7	*	LK0416.0	7/13/96	0000027919	8/5/96
SC-02601-U	LEAD	22.80		0.15	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11353001		QT1390.0	8/14/96	0000027976	8/13/96
SC-02601-U-DU	LEAD	18.70		0.15	UG/G	18.89%	N/A	*	EPA CLP	SOIL	METALS	1.00	11353001DU		QT1390.0	8/14/96	0000027979	8/13/96
SC-02601-U-EB	LEAD	ND		1.000	UG/L	N/A	N/A	*	EPA CLP	WATER	METALS	1.00	960641101	U	IE0040.0	7/10/96	0000028023	8/13/96
SC-02601-U-FR	LEAD	19.90		0.160	UG/G	12.71%	N/A	*	EPA CLP	SOIL	METALS	1.00	11353002		QT1390.0	8/14/96	0000028022	8/13/96
SC-02601-U-MS	LEAD	143.00		0.150	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11353001MS		QT1390.0	8/14/96	0000027978	8/13/96
SC-02601-U-SD	LEAD	16.60		0.20	UG/G	30.61%	N/A	*	EPA CLP	SOIL	METALS	1.00	960641102		IE0040.0	7/18/96	0000028024	8/13/96
SC-02609-C	LEAD	10.50		0.15	UG/G	N/A	N/A		EPA CLP	SOIL	METALS	1.00	11285013		QT1381.0	8/7/96	0000023520	8/5/96
SC-02609-C-DU	LEAD	12.50		0.15	UG/G	17.39%	N/A		EPA CLP	SOIL	METALS	1.00	11285013DU		QT1381.0	8/7/96	0000023625	8/5/96
SC-02609-C-EB	LEAD	ND		2.000	UG/L	N/A	N/A	*	EPA 6010A	WATER	METALS	1.00	L7205-9	U	LK0416.0	7/15/96	0000027921	8/5/96
SC-02609-C-FR	LEAD	14.00		0.150	UG/G	28.57%	N/A		EPA CLP	SOIL	METALS	1.00	11286014		QT1381.0	8/7/96	0000023627	8/5/96
SC-02609-C-MS	LEAD	129.00		0.150	UG/G	N/A	N/A		EPA CLP	SOIL	METALS	1.00	11286013MS		QT1381.0	8/7/96	0000023626	8/5/96
SC-02609-C-SD	LEAD	14.20		0.49	UG/G	29.96%	N/A	*	EPA 6010A	SOIL	METALS	1.00	L7205-11	*	LK0416.0	7/13/96	0000027922	8/5/96
SC-02709-S	LEAD	18.60		0.15	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11319008		QT1384.0	8/11/96	0000023530	8/8/96
SC-02709-S-DU	LEAD	17.00		0.15	UG/G	8.89%	N/A	*	EPA CLP	SOIL	METALS	1.00	11319008DU		QT1384.0	8/11/96	0000023628	8/8/96
SC-02709-S-EB	LEAD	ND		2.000	UG/L	N/A	N/A	*	EPA 6010A	WATER	METALS	1.00	L7205-13	U	LK0416.0	7/15/96	0000027923	8/8/96
SC-02709-S-FR	LEAD	25.90		0.150	UG/G	32.81%	N/A	*	EPA CLP	SOIL	METALS	1.00	11319009		QT1384.0	8/11/96	0000023630	8/8/96
SC-02709-S-MS	LEAD	130.00		0.150	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11319008MS		QT1384.0	8/11/96	0000023629	8/8/96
SC-02709-S-SD	LEAD	15.80		0.49	UG/G	16.28%	N/A	*	EPA 6010A	SOIL	METALS	1.00	L7205-15	*	LK0416.0	7/13/96	0000027924	8/8/96
SC-02903-S	LEAD	16.50		0.34	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11714002		QT1434.0	8/3/96	0000023551	8/2/96
SC-02903-S-DU	LEAD	17.30		0.34	UG/G	4.73%	N/A	*	EPA CLP	SOIL	METALS	1.00	11714002DU		QT1434.0	8/3/96	0000023631	8/2/96
SC-02903-S-EB	LEAD	2.500		0.500	UG/L	N/A	N/A	*	EPA CLP	WATER	METALS	1.00	08L545001	B	WS1101.0	8/21/96	0000029257	8/2/96
SC-02903-S-FR	LEAD	13.50		0.340	UG/G	20.00%	N/A	*	EPA CLP	SOIL	METALS	1.00	11714003		QT1434.0	8/3/96	0000023626	8/2/96
SC-02903-S-MS	LEAD	125.00		0.340	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11714002MS		QT1434.0	8/3/96	0000023632	8/2/96
SC-02903-S-SD	LEAD	15.00		0.44	UG/G	9.52%	N/A	*	EPA CLP	SOIL	METALS	1.00	08L545002		WS1101.0	8/23/96	0000029144	8/2/96
SC-03017-C	LEAD	13.00		0.16	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11325008		QT1385.0	8/12/96	0000023586	8/6/96
SC-03017-C-DU	LEAD	17.70		0.16	UG/G	30.62%	N/A	*	EPA CLP	SOIL	METALS	1.00	11325008DU		QT1385.0	8/12/96	0000023637	8/6/96
SC-03017-C-EB	LEAD	ND		2.000	UG/L	N/A	N/A	*	EPA 6010A	WATER	METALS	1.00	L7205-17	U	LK0416.0	7/15/96	0000027925	8/6/96
SC-03017-C-FR	LEAD	16.10		0.180	UG/G	21.31%	N/A	*	EPA CLP	SOIL	METALS	1.00	11325009		QT1385.0	8/12/96	0000023639	8/6/96
SC-03017-C-MS	LEAD	149.00		0.180	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11325008MS		QT1385.0	8/12/96	0000023638	8/6/96

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WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	%RPD	DER	VAL QUAL	METHOD	MATRIX	CATEGORY	DIL	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAM
SC-03017-C-SD	LEAD	22.80		0.53	UG/G	54.75%	N/A	*	EPA 6010A	SOIL	METALS	1.00	L7205-19	*	LK0416.0	7/13/96	0000027926	6/8/96
SC-03102-S	LEAD	16.90		0.15	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11237001		QT1373.0	6/1/96	0000023955	5/31/96
SC-03102-S-DU	LEAD	11.30		0.15	UG/G	33.82%	N/A	*	EPA CLP	SOIL	METALS	1.00	11237001DU		QT1373.0	6/1/96	0000027591	5/31/96
SC-03102-S-EB	LEAD	ND		0.600	UG/L	N/A	N/A	*	EPA CLP	WATER	METALS	1.00	11247001	U	QT1375.0	6/7/96	0000027593	5/31/96
SC-03102-S-FR	LEAD	11.50		0.150	UG/G	32.12%	N/A	*	EPA CLP	SOIL	METALS	1.00	11237002		QT1373.0	6/1/96	0000027592	5/31/96
SC-03102-S-MS	LEAD	132.00		0.150	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11237001MS		QT1373.0	6/1/96	0000027590	5/31/96
SC-03102-S-SD	LEAD	10.90		0.26	UG/G	37.31%	N/A	*	EPA CLP	SOIL	METALS	1.00	S606022-01	I	TW0018.0	7/16/96	0000027598	5/31/96
SC-03205-C	LEAD	40.70		0.14	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11243003		QT1374.0	6/4/96	0000023992	5/31/96
SC-03205-C-DU	LEAD	15.00		0.14	UG/G	92.28%	N/A	*	EPA CLP	SOIL	METALS	1.00	11243003DU		QT1374.0	6/4/96	0000027609	5/31/96
SC-03205-C-EB	LEAD	ND		0.600	UG/L	N/A	N/A	*	EPA CLP	WATER	METALS	1.00	11247002	U	QT1375.0	6/7/96	0000027611	5/31/96
SC-03205-C-FR	LEAD	9.60		0.150	UG/G	123.66%	N/A	*	EPA CLP	SOIL	METALS	1.00	11243004		QT1374.0	6/4/96	0000027610	5/31/96
SC-03205-C-MS	LEAD	126.00		0.140	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11243003MS		QT1374.0	6/4/96	0000027607	5/31/96
SC-03205-C-SD	LEAD	13.90		0.25	UG/G	86.17%	N/A	*	EPA CLP	SOIL	METALS	1.00	S606022-02	I	TW0018.0	7/16/96		5/31/96
SC-03303-S	LEAD	15.80		0.15	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11340002		QT1389.0	6/13/96	0000023993	6/12/96
SC-03303-S-DU	LEAD	13.10		0.15	UG/G	18.89%	N/A	*	EPA CLP	SOIL	METALS	1.00	11340002DU		QT1389.0	6/13/96	0000027603	6/12/96
SC-03303-S-EB	LEAD	ND		1.000	UG/L	N/A	N/A	*	EPA CLP	WATER	METALS	1.00	960641103	U	IE0040.0	7/10/96	0000027606	6/12/96
SC-03303-S-FR	LEAD	7.80		0.150	UG/G	70.09%	N/A	*	EPA CLP	SOIL	METALS	1.00	11340003		QT1389.0	6/13/96	0000027604	6/12/96
SC-03303-S-MS	LEAD	134.00		0.150	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11340002MS		QT1389.0	6/13/96	0000027601	6/12/96
SC-03303-S-SD	LEAD	6.30		0.19	UG/G	62.24%	N/A	*	EPA CLP	SOIL	METALS	1.00	960641104		IE0040.0	7/10/96	0000027605	6/12/96
SC-03513-S	LEAD	13.10		0.13	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11435006		QT1404.0	6/25/96	0000024042	6/21/96
SC-03513-S-DU	LEAD	18.20		0.13	UG/G	32.59%	N/A	*	EPA CLP	SOIL	METALS	1.00	11435006DU		QT1404.0	6/25/96	0000026203	6/21/96
SC-03513-S-EB	LEAD	ND		0.500	UG/L	N/A	N/A	*	EPA CLP	WATER	METALS	0.50	960661203	U	IE0041.0	7/25/96	0000026239	6/21/96
SC-03513-S-FR	LEAD	20.40		0.140	UG/G	43.58%	N/A	*	EPA CLP	SOIL	METALS	1.00	11435007		QT1404.0	6/25/96	0000026201	6/21/96
SC-03513-S-MS	LEAD	127.00		0.130	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11435006MS		QT1404.0	6/25/96	0000026202	6/21/96
SC-03513-S-SD	LEAD	8.10		0.17	UG/G	47.17%	N/A	*	EPA CLP	SOIL	METALS	1.00	960661204		IE0041.0	7/15/96	0000026237	6/21/96
SC-03713-S	LEAD	10.10		0.34	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11751008		QT1440.0	8/9/96	0000024267	8/7/96
SC-03713-S-DU	LEAD	12.40		0.34	UG/G	20.44%	N/A	*	EPA CLP	SOIL	METALS	1.00	11751008DU		QT1440.0	8/9/96	0000029235	8/7/96
SC-03713-S-EB	LEAD	0.800		0.600	UG/L	N/A	N/A	*	EPA CLP	WATER	METALS	1.00	08L681001	B	WS1104.0	8/27/96	0000029236	8/7/96
SC-03713-S-FR	LEAD	8.10		0.330	UG/G	21.98%	N/A	*	EPA CLP	SOIL	METALS	1.00	11751009		QT1440.0	8/9/96	0000029237	8/7/96
SC-03713-S-MS	LEAD	120.00		0.340	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11751008MS		QT1440.0	8/9/96	0000029238	8/7/96
SC-03713-S-SD	LEAD	9.30		0.14	UG/G	8.25%	N/A	*	EPA CLP	SOIL	METALS	1.00	08L681002		WS1104.0	8/21/96	0000029239	8/7/96
SC-03810-S	LEAD	21.60		0.38	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11752002		QT1441.0	8/9/96	0000024290	8/8/96
SC-03810-S-DU	LEAD	34.40		0.38	UG/G	44.40%	N/A	*	EPA CLP	SOIL	METALS	1.00	11752002DU		QT1441.0	8/9/96	0000028610	8/8/96
SC-03810-S-EB	LEAD	2.300		0.600	UG/L	N/A	N/A	*	EPA CLP	WATER	METALS	1.00	08L681003	B	WS1104.0	8/27/96	0000028614	8/8/96
SC-03810-S-FR	LEAD	14.50		0.350	UG/G	40.68%	N/A	*	EPA CLP	SOIL	METALS	1.00	11752003		QT1441.0	8/9/96	0000028608	8/8/96
SC-03810-S-MS	LEAD	141.00		0.380	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11752002MS		QT1441.0	8/9/96	0000028611	8/8/96
SC-03810-S-SD	LEAD	16.60		0.70	UG/G	16.90%	N/A	*	EPA CLP	SOIL	METALS	5.00	08L681004		WS1104.0	8/21/96	0000028609	8/8/96
SC-03908-S	LEAD	10.70		0.15	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11745004		QT1439.0	8/8/96	0000024310	8/6/96
SC-03908-S-DU	LEAD	7.70		0.16	UG/G	32.61%	N/A	*	EPA CLP	SOIL	METALS	1.00	11745004DU		QT1439.0	8/8/96	0000028894	8/6/96
SC-03908-S-EB	LEAD	2.600		0.600	UG/L	N/A	N/A	*	EPA CLP	WATER	METALS	1.00	08L545003	B	WS1101.0	8/27/96	0000029255	8/6/96
SC-03908-S-FR	LEAD	11.50		0.150	UG/G	7.21%	N/A	*	EPA CLP	SOIL	METALS	1.00	11745005		QT1439.0	8/8/96	0000028895	8/6/96
SC-03908-S-MS	LEAD	123.00		0.150	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11745004MS		QT1439.0	8/8/96	0000028896	8/6/96
SC-03908-S-SD	LEAD	12.20		0.14	UG/G	13.10%	N/A	*	EPA CLP	SOIL	METALS	1.00	08L545004		WS1101.0	8/23/96	0000028897	8/6/96
SC-03924-C	LEAD	16.40		0.15	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11745017		QT1439.0	8/8/96	0000024320	8/6/96
SC-03924-C-DU	LEAD	14.60		0.15	UG/G	5.33%	N/A	*	EPA CLP	SOIL	METALS	1.00	11745017DU		QT1439.0	8/8/96	0000028901	8/6/96
SC-03924-C-EB	LEAD	3.700		0.600	UG/L	N/A	N/A	*	EPA CLP	WATER	METALS	1.00	08L545005		WS1101.0	8/27/96	0000029256	8/6/96
SC-03924-C-FR	LEAD	13.70		0.150	UG/G	11.68%	N/A	*	EPA CLP	SOIL	METALS	1.00	11745018		QT1439.0	8/8/96	0000028902	8/6/96
SC-03924-C-MS	LEAD	124.00		0.150	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11745017MS		QT1439.0	8/8/96	0000028904	8/6/96
SC-03924-C-SD	LEAD	19.20		0.73	UG/G	21.97%	N/A	*	EPA CLP	SOIL	METALS	5.00	08L545006		WS1101.0	8/21/96	0000028905	8/6/96
SC-04019-S	LEAD	11.80		0.34	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11713010		QT1433.0	8/3/96	0000024332	8/2/96
SC-04019-S-DU	LEAD	8.20		0.34	UG/G	36.00%	N/A	*	EPA CLP	SOIL	METALS	1.00	11713010DU		QT1433.0	8/3/96	0000028851	8/2/96

NOTE 1: The RPD/DER can not be calculated if the Parent or Quality Control Sample is non-detected

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	%RPD	DER	VAL QUAL	METHOD	MATRIX	CATEGORY	DIL	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAM
SC-04019-S-EB	LEAD	ND		2.000	UG/L	N/A	N/A	*	EPA 6010A	WATER	METALS	1.00	L7603-5	U	LK0449.0	8/15/96	0000028655	8/2/96
SC-04019-S-FR	LEAD	11.20		0.340	UG/G	5.22%	N/A	*	EPA CLP	SOIL	METALS	1.00	11713011		QT1433.0	8/3/96	0000028649	8/2/96
SC-04019-S-MS	LEAD	122.00		0.340	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11713010MS		QT1433.0	8/3/96	0000028650	8/2/96
SC-04019-S-SD	LEAD	12.60		6.37	UG/G	6.56%	N/A	*	EPA CLP	SOIL	METALS	1.00	08L497005		WS1100.0	8/8/96	0000028647	8/2/96
SC-04220-S	LEAD	8.70		0.34	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11796002		QT1446.0	8/14/96	0000024390	8/12/96
SC-04220-S-DU	LEAD	12.50		0.34	UG/G	35.85%	N/A	*	EPA CLP	SOIL	METALS	1.00	11796002DU		QT1446.0	8/14/96		8/12/96
SC-04220-S-MS	LEAD	123.00		0.340	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11796002MS		QT1446.0	8/14/96		8/12/96
SC-04316-S	LEAD	12.90		0.26	UG/G	N/A	N/A	A	EPA 6020	SOIL	METALS	1.00	L7356-54		LK0422.0	7/3/96	0000024413	6/28/96
SC-04316-S-DU	LEAD	15.70		0.25	UG/G	19.58%	N/A	A	EPA 6020	SOIL	METALS	1.00	L7356-54		LK0422.0	7/3/96	0000028350	6/28/96
SC-04316-S-EB	LEAD	ND		1.400	UG/L	N/A	N/A	*	EPA CLP	WATER	METALS	1.00	11497002	U	QT1411.0	7/16/96	0000028354	6/28/96
SC-04316-S-FR	LEAD	15.10		0.250	UG/G	15.71%	N/A	A	EPA 6020	SOIL	METALS	1.00	L7356-55		LK0422.0	7/3/96	0000028355	6/28/96
SC-04316-S-MS	LEAD	130.00		0.240	UG/G	N/A	N/A	A	EPA 6020	SOIL	METALS	1.00	L7356-54		LK0422.0	7/3/96	0000028351	6/28/96
SC-04316-S-SD	LEAD	12.20		0.38	UG/G	5.58%	N/A	*	EPA CLP	SOIL	METALS	1.00	11497001		QT1411.0	7/9/96	0000028353	6/28/96
SC-02102-S	RADIUM-225	1.42	0.14	0.36	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2940		WP0107.0	9/5/96	0000023858	8/1/96
SC-02102-S-DU	RADIUM-226	1.29	0.10	0.30	PCI/G	9.59%	0.64	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2940DU		WP0107.0	9/5/96	0000023946	8/1/96
SC-02102-S-EB	RADIUM-226	0.230	0.230	0.330	PCI/L	N/A	N/A	*	EPA 903.1	WATER	RADIOCHEMICAL	1.00	L7603-11		LK0449.0	8/13/96	0000028732	8/1/96
SC-02102-S-FR	RADIUM-226	1.37	0.130	0.260	PCI/G	3.58%	0.19	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2941		WP0107.0	9/5/96	0000023948	8/1/96
SC-02306-S	RADIUM-226	1.32	0.13	0.45	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2891		WP0105.0	9/4/96	0000023914	7/31/96
SC-02306-S-DU	RADIUM-226	1.44	0.14	0.47	PCI/G	8.70%	0.44	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2891DU		WP0105.0	9/5/96	0000023937	7/31/96
SC-02306-S-EB	RADIUM-226	0.050	0.330	0.670	PCI/L	N/A	N/A	*	EPA 903.1	WATER	RADIOCHEMICAL	1.00	L7603-14		LK0449.0	8/13/96	0000028240	7/30/96
SC-02306-S-FR	RADIUM-226	1.48	0.100	0.300	PCI/G	11.43%	0.70	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2892		WP0105.0	9/4/96	0000023939	7/31/96
SC-02306-S-SD	RADIUM-226	0.80	0.50	0.30	PCI/G	49.06%	0.63	*	SM-705	SOIL	RADIOCHEMICAL	1.00	9627064		BA1100.0	8/8/96	0000028219	7/30/96
SC-02402-C	RADIUM-226	1.32	0.12	0.40	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2852		WP0103.0	9/2/96	0000023617	7/30/96
SC-02402-C-DU	RADIUM-226	1.43	0.12	0.32	PCI/G	8.00%	0.46	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2852DU		WP0103.0	9/2/96	0000023619	7/30/96
SC-02402-C-EB	RADIUM-226	0.420	0.400	0.610	PCI/L	N/A	N/A	*	EPA 903.1	WATER	RADIOCHEMICAL	1.00	L7603-15		LK0449.0	8/13/96	0000028244	7/30/96
SC-02402-C-FR	RADIUM-226	1.61	0.100	0.260	PCI/G	19.60%	1.32	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2853		WP0103.0	9/2/96	0000023621	7/30/96
SC-02402-C-SD	RADIUM-226	1.90	0.70	0.30	PCI/G	36.02%	0.71	*	SM-705	SOIL	RADIOCHEMICAL	1.00	9627065		BA1100.0	8/8/96	0000028217	7/30/96
SC-02501-S	RADIUM-226	1.51	0.14	0.49	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2388		WP0081.0	7/8/96	0000023453	6/5/96
SC-02501-S-DU	RADIUM-226	1.49	0.13	0.32	PCI/G	1.33%	0.07	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2388 DU		WP0081.0	7/8/96	0000023457	6/5/96
SC-02501-S-FR	RADIUM-226	1.60	0.110	0.350	PCI/G	5.79%	0.36	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2389		WP0081.0	7/8/96	0000023459	6/5/96
SC-02516-S	RADIUM-226	1.48	0.13	0.45	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2403		WP0081.0	7/9/96	0000023492	6/5/96
SC-02516-S-DU	RADIUM-226	1.37	0.12	0.37	PCI/G	7.72%	0.44	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2403DU		WP0081.0	7/12/96	0000023622	6/5/96
SC-02516-S-FR	RADIUM-226	1.56	0.110	0.310	PCI/G	5.26%	0.33	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2404		WP0081.0	7/9/96	0000023624	6/5/96
SC-02601-U	RADIUM-226	1.23	0.10	0.36	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2511		WP0087.0	7/15/96	0000027978	6/13/96
SC-02601-U-DU	RADIUM-226	1.34	0.10	0.22	PCI/G	8.56%	0.66	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2511DU		WP0087.0	7/15/96	0000027979	6/13/96
SC-02601-U-FR	RADIUM-226	1.25	0.120	0.370	PCI/G	1.61%	0.09	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2512		WP0087.0	7/15/96	0000028022	6/13/96
SC-02609-C	RADIUM-226	1.48	0.10	0.33	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2423		WP0082.0	7/9/96	0000023620	6/5/96
SC-02609-C-DU	RADIUM-226	1.57	0.11	0.33	PCI/G	7.26%	0.52	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2423 DU		WP0082.0	7/9/96	0000023625	6/5/96
SC-02609-C-FR	RADIUM-226	1.46	0.130	0.390	PCI/G	0.00%	0.00	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2424		WP0082.0	7/9/96	0000023627	6/5/96
SC-02709-S	RADIUM-226	2.09	0.15	0.32	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2452		WP0085.0	7/12/96	0000023630	6/8/96
SC-02709-S-DU	RADIUM-226	1.61	0.14	0.41	PCI/G	25.95%	1.68	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2452DU		WP0085.0	7/12/96	0000023628	6/8/96
SC-02709-S-FR	RADIUM-226	1.40	0.140	0.440	PCI/G	39.54%	2.38	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2453		WP0085.0	7/12/96	0000023630	6/8/96
SC-02903-S	RADIUM-226	1.55	0.14	0.38	PCI/G	N/A	N/A	A	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3021		WP0110.0	9/6/96	0000023551	8/2/96
SC-02903-S-DU	RADIUM-226	1.61	0.11	0.34	PCI/G	3.80%	0.24	A	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3021DU		WP0110.0	9/13/96	0000023631	8/2/96
SC-02903-S-EB	RADIUM-226	0.128	0.181	0.293	PCI/L	N/A	N/A	*	EPA 903.0	WATER	RADIOCHEMICAL	1.00	9606052-04	U	TO0063.0	9/2/96	0000029257	8/2/96
SC-02903-S-FR	RADIUM-226	1.73	0.110	0.290	PCI/G	10.98%	0.72	J	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3022		WP0110.0	9/6/96	0000028026	8/2/96
SC-02903-S-SD	RADIUM-226	1.37	0.42	0.18	PCI/G	12.33%	0.32	*	EPA 903.0	SOIL	RADIOCHEMICAL	1.00	9606051-04		TO0063.0	8/14/96	0000028144	8/2/96
SC-03017-C	RADIUM-226	1.57	0.11	0.29	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2474		WP0085.0	7/12/96	0000023586	6/8/96
SC-03017-C-FR	RADIUM-226	1.47	0.140	0.460	PCI/G	6.58%	0.40	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2475		WP0085.0	7/12/96	0000023639	6/8/96
SC-03017-C-FR-DU	RADIUM-226	1.39	0.13	0.38	PCI/G	12.16%	0.75	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2475DU		WP0085.0	7/12/96	0000023639	6/8/96
SC-03017-S	RADIUM-226	1.29	0.10	0.32	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2476		WP0085.0	7/12/96	0000023582	6/8/96

NOTE 1: The RPD/DER can not be calculated if the Parent or Quality Control Sample is non-detected

APPENDIX G TABLE G-1

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	%RPD	DER	VAL QUAL	METHOD	MATRIX	CATEGORY	DIL	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAM
SC-03017-S-DU	RADIUM-226	1.31	0.10	0.30	PCI/G	1.54%	0.10	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2476DU		WP0085.0	7/12/96	0000023582	6/8/96
SC-03102-S	RADIUM-226	1.17	0.13	0.36	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2334		WP0078.0	7/5/96	0000023955	5/31/96
SC-03102-S-DU	RADIUM-226	1.17	0.12	0.44	PCI/G	0.00%	0.00	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2334DU		WP0078.0	7/5/96	0000027591	5/31/96
SC-03102-S-FR	RADIUM-226	1.21	0.090	0.280	PCI/G	3.36%	0.18	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2335		WP0078.0	7/5/96	0000027592	5/31/96
SC-03205-C	RADIUM-226	1.26	0.12	0.29	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2364		WP0079.0	7/8/96	0000023892	5/31/96
SC-03205-C-DU	RADIUM-226	1.33	0.12	0.39	PCI/G	3.63%	0.21	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2364 DU		WP0079.0	7/8/96		5/31/96
SC-03205-C-FR	RADIUM-226	1.37	0.100	0.270	PCI/G	6.79%	0.41	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2365		WP0079.0	7/8/96	0000027610	5/31/96
SC-03205-C-SD	RADIUM-226	2.00	0.80	0.60	PCI/G	43.90%	0.78	*	SM-705	SOIL	RADIOCHEMICAL	1.00	96217011		BA1095.0	6/21/96	0000027612	5/31/96
SC-03303-S	RADIUM-226	0.91	0.12	0.39	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2486		WP0085.0	7/15/96	0000023893	6/12/96
SC-03303-S-DU	RADIUM-226	1.08	0.11	0.34	PCI/G	17.09%	0.74	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2486DU		WP0085.0	7/15/96	0000027603	6/12/96
SC-03303-S-FR	RADIUM-226	1.03	0.080	0.290	PCI/G	12.37%	0.60	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2487		WP0085.0	7/15/96	0000027604	6/12/96
SC-03402-S	RADIUM-226	0.87	0.10	0.31	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2558		WP0090.0	7/26/96	0000024029	6/21/96
SC-03402-S-DU	RADIUM-226	0.80	0.11	0.46	PCI/G	8.38%	0.33	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2558DU		WP0090.0	7/26/96	0000028131	6/21/96
SC-03402-S-FR	RADIUM-226	1.39	0.130	0.330	PCI/G	46.02%	2.26	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2559		WP0091.0	7/26/96	0000028210	6/21/96
SC-03513-S	RADIUM-226	0.98	0.11	0.36	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2592		WP0090.0	7/26/96	0000024042	6/21/96
SC-03513-S-DU	RADIUM-226	1.16	0.14	0.37	PCI/G	16.82%	0.72	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2592 DU		WP0090.0	7/26/96		6/21/96
SC-03513-S-EB	RADIUM-226	0.080	0.090	0.110	PCI/L	N/A	N/A	*	EPA 903.1	WATER	RADIOCHEMICAL	1.00	9606612D3	B	IE0041.0	7/29/96	0000028239	6/21/96
SC-03513-S-FR	RADIUM-226	0.91	0.080	0.250	PCI/G	7.41%	0.37	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2593		WP0090.0	7/26/96	0000028201	6/21/96
SC-03713-S	RADIUM-226	1.42	0.13	0.35	PCI/G	N/A	N/A	A	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3107		WP0114.0	9/16/96	0000024267	8/7/96
SC-03713-S-EB	RADIUM-226	0.035	0.070	0.209	PCI/L	N/A	N/A	*	EPA 903.0	WATER	RADIOCHEMICAL	1.00	9608119-04	U	TO0069.0	8/19/96	0000029236	8/7/96
SC-03713-S-FR	RADIUM-226	1.25	0.100	0.360	PCI/G	12.73%	0.74	A	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3108		WP0114.0	9/16/96	0000029237	8/7/96
SC-03713-S-SD	RADIUM-226	0.93	0.25	0.04	PCI/G	41.50%	1.28	*	EPA 903.0	SOIL	RADIOCHEMICAL	1.00	9608116-04		TO0069.0	8/20/96	0000029239	8/7/96
SC-03714-S	RADIUM-226	1.28	0.10	0.30	PCI/G	N/A	N/A	A	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3109		WP0114.0	9/17/96	0000024268	8/7/96
SC-03714-S-DU	RADIUM-226	1.52	0.13	0.35	PCI/G	17.14%	1.04	A	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3109		WP0114.0	9/17/96	0000029235	8/7/96
SC-03810-S	RADIUM-226	1.83	0.11	0.35	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3127		WP0115.0	9/17/96	0000024290	8/8/96
SC-03810-S-DU	RADIUM-226	1.65	0.14	0.46	PCI/G	1.22%	0.08	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3127DU		WP0115.0	9/17/96	0000028510	8/8/96
SC-03810-S-EB	RADIUM-226	0.036	0.073	0.099	PCI/L	N/A	N/A	*	EPA 903.0	WATER	RADIOCHEMICAL	1.00	9608119-05	U	TO0069.0	8/19/96	0000028814	8/8/96
SC-03810-S-FR	RADIUM-226	1.83	0.110	0.310	PCI/G	0.00%	0.00	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3128		WP0115.0	9/17/96	0000028808	8/8/96
SC-03810-S-SD	RADIUM-226	0.91	0.24	0.09	PCI/G	57.20%	2.05	*	EPA 903.0	SOIL	RADIOCHEMICAL	1.00	9608116-05		TO0069.0	8/20/96	0000028809	8/8/96
SC-03908-S	RADIUM-226	1.37	0.09	0.29	PCI/G	N/A	N/A	A	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3072		WP0113.0	9/11/96	0000024310	8/6/96
SC-03908-S-DU	RADIUM-226	1.36	0.09	0.23	PCI/G	0.73%	0.06	A	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3072DU		WP0113.0	9/11/96	0000028894	8/6/96
SC-03908-S-EB	RADIUM-226	0.145	0.147	0.236	PCI/L	N/A	N/A	*	EPA 903.0	WATER	RADIOCHEMICAL	1.00	9608052-05	U	TO0063.0	9/2/96	0000029265	8/6/96
SC-03908-S-FR	RADIUM-226	1.41	0.130	0.360	PCI/G	2.88%	0.16	A	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3073		WP0113.0	9/11/96	0000028895	8/6/96
SC-03924-C	RADIUM-226	1.18	0.12	0.36	PCI/G	N/A	N/A	A	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3090		WP0113.0	9/11/96	0000024320	8/6/96
SC-03924-C-DU	RADIUM-226	1.26	0.13	0.46	PCI/G	8.26%	0.40	A	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3090DU		WP0113.0	9/20/96	0000028901	8/6/96
SC-03924-C-EB	RADIUM-226	0.077	0.109	0.232	PCI/L	N/A	N/A	*	EPA 903.0	WATER	RADIOCHEMICAL	1.00	9608052-06	U	TO0063.0	9/2/96	0000029256	8/6/96
SC-03924-C-FR	RADIUM-226	1.50	0.110	0.310	PCI/G	25.56%	1.46	A	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3091		WP0113.0	9/11/96	0000028902	8/6/96
SC-04019-S	RADIUM-226	1.35	0.10	0.29	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3004		WP0109.0	9/10/96	0000024332	8/2/96
SC-04019-S-DU	RADIUM-226	1.83	0.12	0.30	PCI/G	30.19%	2.18	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3004DU		WP0109.0	9/13/96	0000028651	8/2/96
SC-04019-S-EB	RADIUM-226	ND	0.310	0.690	PCI/L	N/A	N/A	*	EPA 903.1	WATER	RADIOCHEMICAL	1.00	L7603-16		LK0449.0	8/13/96	0000028655	8/2/96
SC-04019-S-FR	RADIUM-226	1.51	0.130	0.260	PCI/G	11.19%	0.70	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3005		WP0109.0	9/10/96	0000028649	8/2/96
SC-04019-S-SD	RADIUM-226	1.30	0.80	0.30	PCI/G	3.77%	0.07	*	SM-705	SOIL	RADIOCHEMICAL	1.00	9627066		BA1100.0	8/8/96	0000028647	8/2/96
SC-04203-S	RADIUM-226	1.48	0.14	0.27	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2683		WP0095.0	8/8/96	0000024381	6/28/96
SC-04203-S-DU	RADIUM-226	1.33	0.13	0.36	PCI/G	10.88%	0.56	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2683DU		WP0095.0	8/8/96		6/28/96
SC-04316-S	RADIUM-226	1.40	0.13	0.26	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2754		WP0096.0	8/12/96	0000024413	6/28/96
SC-04316-S-DU	RADIUM-226	1.44	0.11	0.33	PCI/G	2.62%	0.17	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2754DU		WP0096.0	8/19/96	0000028350	6/28/96
SC-04316-S-EB	RADIUM-226	0.310	0.320	0.500	PCI/L	N/A	N/A	*	EPA 903.1	WATER	RADIOCHEMICAL	1.00	L7551-2		LK0440.0	8/10/96	0000028354	6/28/96
SC-04316-S-SD	RADIUM-226	1.35	0.44	0.18	PCI/G	3.84%	0.09	*	EPA 903.0	SOIL	RADIOCHEMICAL	1.00	9607176-05		TO0062.0	8/6/96	0000028353	6/28/96
SC-02102-S	RADIUM-226	1.58	0.19	0.60	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2940		WP0107.0	9/5/96	0000023858	8/1/96
SC-02102-S-DU	RADIUM-226	1.38	0.13	0.31	PCI/G	13.51%	0.63	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2940DU		WP0107.0	9/5/96	0000023846	8/1/96
SC-02102-S-EB	RADIUM-226	0.350	0.530	0.900	PCI/L	N/A	N/A	*	EPA 904.0	WATER	RADIOCHEMICAL	1.00	L7603-11		LK0449.0	8/13/96	0000028732	8/1/96

NOTE 1: The RPD/DER can not be calculated if the Parent or Quality Control Sample is non-detected

APPENDIX G TABLE G-1

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	%RPD	DER	VAL QUAL	METHOD	MATRIX	CATEGORY	DIL	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAM
SC-02102-S-FR	RADIUM-226	1.38	0.180	0.600	PCI/G	13.51%	0.54	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2941		WP0107.0	9/5/96	0000023948	8/1/96
SC-02306-S	RADIUM-226	1.07	0.19	0.86	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2891		WP0105.0	9/4/96	0000023914	7/31/96
SC-02306-S-DU	RADIUM-226	1.82	0.20	0.64	PCI/G	8.60%	0.38	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2891DU		WP0105.0	9/5/96	0000023937	7/31/96
SC-02306-S-EB	RADIUM-226	0.720	0.510	0.820	PCI/L	N/A	N/A	*	EPA 904.0	WATER	RADIOCHEMICAL	1.00	L7603-14		LK0449.0	8/13/96	0000029240	7/30/96
SC-02306-S-FR	RADIUM-226	1.35	0.130	0.390	PCI/G	21.19%	1.00	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2892		WP0105.0	9/4/96	0000023939	7/31/96
SC-02306-S-SD	RADIUM-226	0.80	1.70	3.00	PCI/G	94.27%	0.57	*	PERC/BROOKS	SOIL	RADIOCHEMICAL	1.00	9827064		BA1100.0	8/12/96	0000029219	7/30/96
SC-02402-C	RADIUM-226	1.12	0.15	0.38	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2852		WP0103.0	9/2/96	0000023617	7/30/96
SC-02402-C-DU	RADIUM-226	1.31	0.18	0.45	PCI/G	15.64%	0.68	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2852DU		WP0103.0	9/2/96	0000023619	7/30/96
SC-02402-C-EB	RADIUM-226	0.240	0.400	0.680	PCI/L	N/A	N/A	*	EPA 904.0	WATER	RADIOCHEMICAL	1.00	L7603-15		LK0449.0	8/13/96	0000029244	7/30/96
SC-02402-C-FR	RADIUM-226	1.10	0.160	0.490	PCI/G	1.80%	0.06	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2853		WP0103.0	9/2/96	0000023621	7/30/96
SC-02402-C-SD	RADIUM-226	1.70	1.70	3.00	PCI/G	41.13%	0.31	*	PERC/BROOKS	SOIL	RADIOCHEMICAL	1.00	9827065		BA1100.0	8/12/96	0000029217	7/30/96
SC-02501-S	RADIUM-226	1.73	0.20	0.61	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2388		WP0081.0	7/8/96	0000023453	6/5/96
SC-02501-S-DU	RADIUM-226	1.95	0.26	0.53	PCI/G	11.96%	0.49	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2388 DU		WP0081.0	7/8/96	0000023457	6/5/96
SC-02501-S-FR	RADIUM-226	1.38	0.130	0.270	PCI/G	22.51%	1.06	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2389		WP0081.0	7/8/96	0000023459	6/5/96
SC-02516-S	RADIUM-226	1.36	0.18	0.56	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2403		WP0081.0	7/9/96	0000023492	6/5/96
SC-02516-S-DU	RADIUM-226	1.07	0.18	0.78	PCI/G	23.87%	0.78	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2403DU		WP0081.0	7/12/96	0000023622	6/5/96
SC-02516-S-FR	RADIUM-226	1.31	0.130	0.380	PCI/G	3.75%	0.16	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2404		WP0081.0	7/9/96	0000023624	6/6/96
SC-02601-U	RADIUM-226	1.27	0.13	0.40	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2511		WP0087.0	7/15/96	0000027976	6/13/96
SC-02601-U-DU	RADIUM-226	1.26	0.12	0.34	PCI/G	0.79%	0.04	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2511DU		WP0087.0	7/15/96	0000027979	6/13/96
SC-02601-U-FR	RADIUM-226	1.37	0.160	0.570	PCI/G	7.58%	0.32	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2512		WP0087.0	7/15/96	0000028022	6/13/96
SC-02609-C	RADIUM-226	1.29	0.14	0.50	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2423		WP0082.0	7/9/96	0000023520	6/5/96
SC-02609-C-DU	RADIUM-226	1.09	0.12	0.41	PCI/G	16.81%	0.77	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2423 DU		WP0082.0	7/9/96	0000023525	6/5/96
SC-02609-C-FR	RADIUM-226	1.29	0.180	0.500	PCI/G	0.00%	0.00	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2424		WP0082.0	7/9/96	0000023527	6/5/96
SC-02709-S	RADIUM-226	1.22	0.17	0.52	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2452		WP0085.0	7/12/96	0000023530	6/8/96
SC-02709-S-DU	RADIUM-226	1.65	0.20	0.42	PCI/G	29.97%	1.16	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2452DU		WP0085.0	7/12/96	0000023628	6/8/96
SC-02709-S-FR	RADIUM-226	1.31	0.170	0.310	PCI/G	7.11%	0.26	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2453		WP0085.0	7/12/96	0000023630	6/8/96
SC-02903-S	RADIUM-226	1.21	0.16	0.47	PCI/G	N/A	N/A	A	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3021		WP0110.0	9/6/96	0000023551	8/2/96
SC-02903-S-DU	RADIUM-226	1.32	0.14	0.51	PCI/G	8.70%	0.37	A	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3021DU		WP0110.0	9/13/96	0000023631	8/2/96
SC-02903-S-EB	RADIUM-226	0.193	1.920	4.770	PCI/L	N/A	N/A	*	EPA 904.0	WATER	RADIOCHEMICAL	1.00	9608052-04	U	TO0063.0	9/18/96	0000029257	8/2/96
SC-02903-S-FR	RADIUM-226	1.51	0.130	0.350	PCI/G	22.06%	1.03	J	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3022		WP0110.0	9/6/96	0000028026	8/2/96
SC-02903-S-SD	RADIUM-226	1.74	1.19	2.51	PCI/G	35.93%	0.39	*	EPA 904.0	SOIL	RADIOCHEMICAL	1.00	9608061-04	J	TO0063.0	9/19/96	0000029144	8/2/96
SC-03017-C	RADIUM-226	1.41	0.14	0.39	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2474		WP0085.0	7/12/96	0000023586	6/8/96
SC-03017-C-FR	RADIUM-226	ND		1.340	PCI/G	NOTE 1	NOTE 1	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2475		WP0085.0	7/12/96	0000023639	6/8/96
SC-03017-C-FR-DU	RADIUM-226	ND		1.33	PCI/G	NOTE1	NOTE1	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2475DU		WP0085.0	7/12/96	0000023639	6/8/96
SC-03017-S	RADIUM-226	1.25	0.13	0.40	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2476		WP0085.0	7/12/96	0000023582	6/8/96
SC-03017-S-DU	RADIUM-226	1.08	0.12	0.41	PCI/G	18.95%	0.80	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2476DU		WP0085.0	7/12/96	0000023582	6/8/96
SC-03102-S	RADIUM-226	1.27	0.17	0.27	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2334		WP0078.0	7/5/96	0000023955	5/31/96
SC-03102-S-DU	RADIUM-226	1.21	0.17	0.44	PCI/G	4.84%	0.18	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2334DU		WP0078.0	7/5/96	0000027591	5/31/96
SC-03102-S-FR	RADIUM-226	1.15	0.130	0.460	PCI/G	9.92%	0.40	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2335		WP0078.0	7/5/96	0000027592	5/31/96
SC-03205-C	RADIUM-226	1.53	0.16	0.52	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2364		WP0079.0	7/8/96	0000023992	5/31/96
SC-03205-C-DU	RADIUM-226	1.39	0.18	0.53	PCI/G	9.59%	0.38	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2364 DU		WP0079.0	7/8/96		5/31/96
SC-03205-C-FR	RADIUM-226	1.22	0.130	0.350	PCI/G	22.55%	1.00	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2365		WP0078.0	7/8/96	0000027610	5/31/96
SC-03205-C-SD	RADIUM-226	2.70	1.80	2.00	PCI/G	55.32%	0.59	*	PERC/BROOKS	SOIL	RADIOCHEMICAL	1.00	96217011		BA1095.0	8/20/96	0000027612	5/31/96
SC-03303-S	RADIUM-226	2.18	0.21	0.70	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2486		WP0086.0	7/15/96	0000023993	6/12/96
SC-03303-S-DU	RADIUM-226	2.23	0.21	0.56	PCI/G	2.27%	0.12	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2486DU		WP0086.0	7/15/96	0000027603	6/12/96
SC-03303-S-FR	RADIUM-226	2.06	0.160	0.480	PCI/G	4.69%	0.27	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2487		WP0086.0	7/15/96	0000027604	6/12/96
SC-03402-S	RADIUM-226	1.38	0.16	0.44	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2558		WP0090.0	7/25/96	0000024029	6/21/96
SC-03402-S-DU	RADIUM-226	ND		1.20	PCI/G	NOTE1	NOTE1	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2558DU		WP0090.0	7/25/96	0000028131	6/21/96
SC-03402-S-FR	RADIUM-226	ND		1.280	PCI/G	NOTE 1	NOTE 1	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2559		WP0091.0	7/26/96	0000028210	6/21/96
SC-03513-S	RADIUM-226	1.66	0.20	0.64	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2592		WP0090.0	7/26/96	0000024042	6/21/96
SC-03513-S-DU	RADIUM-226	1.55	0.17	0.44	PCI/G	6.85%	0.30	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2592 DU		WP0090.0	7/26/96		6/21/96

NOTE 1. The RPD/DER can not be calculated if the Parent or Quality Control Sample is non-detected

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	%RPD	DER	VAL QUAL	METHOD	MATRIX	CATEGORY	DIL	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAM
SC-03513-S-EB	RADIUM-228	1.960	1.270	2.690	PCI/L	N/A	N/A	*	EMSL-LV-0539	WATER	RADIOCHEMICAL	1.00	960661203	B	IE0041.0	7/25/96	0000028239	6/21/96
SC-03513-S-FR	RADIUM-228	1.36	0.140	0.320	PCI/G	19.87%	0.68	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2593		WP0090.0	7/26/96	0000028201	6/21/96
SC-03713-S	RADIUM-228	ND		1.24	PCI/G	N/A	N/A	U	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3107		WP0114.0	9/18/96	0000024287	8/7/96
SC-03713-S-EB	RADIUM-228	ND	1.550	4.070	PCI/L	N/A	N/A	*	EPA 904.0	WATER	RADIOCHEMICAL	1.00	9606119-04	U	TO0069.0	8/21/96	0000029236	8/7/96
SC-03713-S-FR	RADIUM-228	1.32	0.180	0.380	PCI/G	NOTE 1	NOTE 1	A	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3109		WP0114.0	9/18/96	0000029237	8/7/96
SC-03713-S-SD	RADIUM-228	0.97	0.83	1.81	PCI/G	NOTE 1	NOTE 1	*	EPA 904.0	SOIL	RADIOCHEMICAL	1.00	9606118-04	J	TO0069.0	8/22/96	0000029239	8/7/96
SC-03714-S	RADIUM-228	1.02	0.14	0.41	PCI/G	N/A	N/A	A	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3109		WP0114.0	9/17/96	0000024288	8/7/96
SC-03714-S-DU	RADIUM-228	1.11	0.17	0.59	PCI/G	8.45%	0.29	A	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3109		WP0114.0	9/17/96	0000029235	8/7/96
SC-03810-S	RADIUM-228	1.84	0.16	0.54	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3127		WP0115.0	9/17/96	0000024290	8/8/96
SC-03810-S-DU	RADIUM-228	1.87	0.21	0.59	PCI/G	9.69%	0.46	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3127DU		WP0115.0	9/17/96	0000028810	8/8/96
SC-03810-S-EB	RADIUM-228	1.130	1.280	2.810	PCI/L	N/A	N/A	*	EPA 904.0	WATER	RADIOCHEMICAL	1.00	9606119-05	U	TO0069.0	8/21/96	0000028814	8/8/96
SC-03810-S-FR	RADIUM-228	1.58	0.150	0.530	PCI/G	14.58%	0.81	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3128		WP0115.0	9/17/96	0000028808	8/8/96
SC-03810-S-SD	RADIUM-228	0.43	0.68	2.12	PCI/G	124.51%	1.36	*	EPA 904.0	SOIL	RADIOCHEMICAL	1.00	9606118-05	U	TO0069.0	8/22/96	0000028809	8/8/96
SC-03908-S	RADIUM-228	1.26	0.13	0.36	PCI/G	N/A	N/A	A	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3072		WP0113.0	9/11/96	0000024310	8/6/96
SC-03908-S-DU	RADIUM-228	1.32	0.14	0.53	PCI/G	4.65%	0.22	A	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3072DU		WP0113.0	9/11/96	0000028894	8/6/96
SC-03908-S-EB	RADIUM-228	0.535	1.110	2.670	PCI/L	N/A	N/A	*	EPA 904.0	WATER	RADIOCHEMICAL	1.00	9606062-05	U	TO0063.0	9/18/96	0000029255	8/6/96
SC-03908-S-FR	RADIUM-228	1.66	0.200	0.590	PCI/G	28.57%	1.27	A	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3073		WP0113.0	9/11/96	0000028895	8/6/96
SC-03924-C	RADIUM-228	ND		1.23	PCI/G	N/A	N/A	UJ	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3090		WP0113.0	9/11/96	0000024320	8/6/96
SC-03924-C-DU	RADIUM-228	1.24	0.21	0.68	PCI/G	NOTE1	NOTE1	A	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3090DU		WP0113.0	9/20/96	0000028901	8/6/96
SC-03924-C-EB	RADIUM-228	3.040	1.230	2.340	PCI/L	N/A	N/A	*	EPA 904.0	WATER	RADIOCHEMICAL	1.00	9606062-06	J	TO0063.0	9/18/96	0000029256	8/6/96
SC-03924-C-FR	RADIUM-228	1.23	0.130	0.500	PCI/G	NOTE 1	NOTE 1	A	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3091		WP0113.0	9/11/96	0000028902	8/6/96
SC-04019-S	RADIUM-228	0.98	0.14	0.51	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3004		WP0109.0	9/10/96	0000024332	8/2/96
SC-04019-S-DU	RADIUM-228	1.15	0.13	0.50	PCI/G	15.86%	0.63	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3004DU		WP0109.0	9/13/96	0000028851	8/2/96
SC-04019-S-EB	RADIUM-228	0.200	0.560	0.970	PCI/L	N/A	N/A	*	EPA 904.0	WATER	RADIOCHEMICAL	1.00	L7603-16		LK0446.0	8/13/96	0000028855	8/2/96
SC-04019-S-FR	RADIUM-228	1.28	0.190	0.700	PCI/G	26.56%	0.91	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3005		WP0109.0	9/10/96	0000028849	8/2/96
SC-04019-S-SD	RADIUM-228	1.90	1.80	3.00	PCI/G	63.69%	0.47	*	PERC/BROOKS	SOIL	RADIOCHEMICAL	1.00	9627066		BA1100.0	9/12/96	0000028847	8/2/96
SC-04203-S	RADIUM-228	1.47	0.19	0.64	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2683		WP0095.0	8/8/96	0000024381	6/28/96
SC-04203-S-DU	RADIUM-228	1.38	0.19	0.70	PCI/G	6.32%	0.24	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2683DU		WP0095.0	8/8/96		6/28/96
SC-04316-S	RADIUM-228	1.22	0.19	0.63	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2754		WP0096.0	8/12/96	0000024413	6/28/96
SC-04316-S-DU	RADIUM-228	1.09	0.14	0.45	PCI/G	11.26%	0.39	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2754DU		WP0096.0	8/19/96	0000028350	6/28/96
SC-04316-S-EB	RADIUM-228	0.010	0.420	0.740	PCI/L	N/A	N/A	*	EPA 904.0	WATER	RADIOCHEMICAL	1.00	L7551-2		LK0440.0	8/11/96	0000028354	6/28/96
SC-04316-S-SD	RADIUM-228	3.51	1.19	1.90	PCI/G	96.83%	1.56	*	EPA 904.0	SOIL	RADIOCHEMICAL	1.00	9607178-05		TO0062.0	8/9/96	0000028353	6/28/96
SC-04409-S	RADIUM-228	0.97	0.13	0.40	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2832		WP0102.0	7/22/96	0000024777	7/18/96
SC-04409-S-DU	RADIUM-228	0.93	0.12	0.45	PCI/G	4.21%	0.16	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2832DU		WP0102.0	7/22/96	0000028765	7/18/96
SC-04409-S-FR	RADIUM-228	ND		0.770	PCI/G	NOTE 1	NOTE 1	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2833		WP0102.0	7/22/96	0000028768	7/18/96
SC-02306-S	THALLIUM	0.27		0.24	UG/G	N/A	N/A	*	EPA 6020	SOIL	METALS	1.00	L7554-12	B	LK0443.0	8/3/96	0000023914	7/31/96
SC-02306-S-DU	THALLIUM	0.26		0.24	UG/G	2.25%	N/A	*	EPA 6020	SOIL	METALS	1.00	L7554-12	B	LK0443.0	8/3/96	0000023937	7/31/96
SC-02306-S-EB	THALLIUM	ND		6.000	UG/L	N/A	N/A	*	EPA 6010A	WATER	METALS	1.00	L7603-3	U	LK0449.0	8/15/96	0000029240	7/30/96
SC-02306-S-FR	THALLIUM	0.32		0.240	UG/G	18.95%	N/A	*	EPA 6020	SOIL	METALS	1.00	L7554-13	B	LK0443.0	8/3/96	0000023939	7/31/96
SC-02306-S-MS	THALLIUM	23.40		0.240	UG/G	N/A	N/A	*	EPA 6020	SOIL	METALS	1.00	L7554-12		LK0443.0	8/3/96	0000023938	7/31/96
SC-02306-S-SD	THALLIUM	ND		0.20	UG/G	NOTE 1	N/A	*	EPA CLP	SOIL	METALS	1.00	08L497003	U	WS1100.0	8/9/96	0000029219	7/30/96
SC-02402-C	THALLIUM	ND		0.26	UG/G	N/A	N/A	*	EPA 6020	SOIL	METALS	1.00	L7555-27	U	LK0441.0	8/3/96	0000023617	7/30/96
SC-02402-C-DU	THALLIUM	ND		0.26	UG/G	NOTE 1	N/A	*	EPA 6020	SOIL	METALS	1.00	L7555-27	U	LK0441.0	8/3/96	0000023619	7/30/96
SC-02402-C-EB	THALLIUM	ND		6.000	UG/L	N/A	N/A	*	EPA 6010A	WATER	METALS	1.00	L7603-4	U	LK0449.0	8/15/96	0000029244	7/30/96
SC-02402-C-FR	THALLIUM	0.26		0.250	UG/G	NOTE 1	N/A	*	EPA 6020	SOIL	METALS	1.00	L7555-28	B	LK0441.0	8/3/96	0000023621	7/30/96
SC-02402-C-MS	THALLIUM	24.60		0.250	UG/G	N/A	N/A	*	EPA 6020	SOIL	METALS	1.00	L7555-27		LK0441.0	8/3/96	0000023620	7/30/96
SC-02402-C-SD	THALLIUM	ND		0.21	UG/G	NOTE 1	N/A	*	EPA CLP	SOIL	METALS	1.00	08L497004	U	WS1100.0	8/9/96	0000029217	7/30/96
SC-02903-S	THALLIUM	1.40		0.78	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11714002	B	QT1434.0	8/3/96	0000023651	8/2/96
SC-02903-S-DU	THALLIUM	2.00		0.78	UG/G	35.28%	N/A	*	EPA CLP	SOIL	METALS	1.00	11714002DU	B	QT1434.0	8/3/96	0000023631	8/2/96
SC-02903-S-EB	THALLIUM	ND		0.600	UG/L	N/A	N/A	*	EPA CLP	WATER	METALS	1.00	08L545001	U	WS1101.0	8/21/96	0000029257	8/2/96
SC-02903-S-FR	THALLIUM	1.70		0.770	UG/G	19.35%	N/A	*	EPA CLP	SOIL	METALS	1.00	11714003	B	QT1434.0	8/3/96	0000028026	8/2/96

NOTE 1: The RPD/DER can not be calculated if the Parent or Quality Control Sample is non-detected

APPENDIX G TABLE G-1

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	%RPD	DER	VAL QUAL	METHOD	MATRIX	CATEGORY	DIL	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAM
SC-02903-S-MS	THALLIUM	444.00		0.760	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11714002MS		QT1434.0	8/3/96	0000023632	8/2/96
SC-02903-S-SD	THALLIUM	ND		0.19	UG/G	NOTE 1	N/A	*	EPA CLP	SOIL	METALS	1.00	08L545002	U	WS1101.0	8/21/96	0000029144	8/2/96
SC-03713-S	THALLIUM	0.92		0.78	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11751008	B	QT1440.0	8/9/96	0000024267	8/7/96
SC-03713-S-DU	THALLIUM	1.10		0.76	UG/G	17.82%	N/A	*	EPA CLP	SOIL	METALS	1.00	11751008DU	B	QT1440.0	8/9/96	0000029235	8/7/96
SC-03713-S-EB	THALLIUM	1.000		0.800	UG/L	N/A	N/A	*	EPA CLP	WATER	METALS	1.00	08L681001	B	WS1104.0	8/21/96	0000029236	8/7/96
SC-03713-S-FR	THALLIUM	1.80		0.760	UG/G	64.71%	N/A	*	EPA CLP	SOIL	METALS	1.00	11751009	B	QT1440.0	8/9/96	0000029237	8/7/96
SC-03713-S-MS	THALLIUM	432.00		0.760	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11751008MS		QT1440.0	8/9/96	0000029238	8/7/96
SC-03713-S-SD	THALLIUM	ND		0.19	UG/G	NOTE 1	N/A	*	EPA CLP	SOIL	METALS	1.00	08L681002	U	WS1104.0	8/21/96	0000029239	8/7/96
SC-03810-S	THALLIUM	1.10		0.83	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11752002	B	QT1441.0	8/9/96	0000024290	8/8/96
SC-03810-S-DU	THALLIUM	2.10		0.83	UG/G	62.50%	N/A	*	EPA CLP	SOIL	METALS	1.00	11752002DU	B	QT1441.0	8/9/96	0000028810	8/8/96
SC-03810-S-EB	THALLIUM	ND		0.800	UG/L	N/A	N/A	*	EPA CLP	WATER	METALS	1.00	08L681003	U	WS1104.0	8/21/96	0000028814	8/8/96
SC-03810-S-FR	THALLIUM	0.94		0.790	UG/G	15.69%	N/A	*	EPA CLP	SOIL	METALS	1.00	11752003	B	QT1441.0	8/9/96	0000028805	8/8/96
SC-03810-S-MS	THALLIUM	461.00		0.630	UG/G	N/A	N/A	*	EPA CLP	SOIL	METALS	1.00	11752002MS		QT1441.0	8/9/96	0000028811	8/8/96
SC-03810-S-SD	THALLIUM	ND		0.18	UG/G	NOTE 1	N/A	*	EPA CLP	SOIL	METALS	1.00	08L681004	U	WS1104.0	8/21/96	0000028809	8/8/96
SC-02102-S	THORIUM-230	0.99	0.16	0.04	PCI/G	N/A	N/A	*	EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7568-5		LK0445.0	8/8/96	0000023858	8/1/96
SC-02102-S-DU	THORIUM-230	0.98	0.15	0.04	PCI/G	1.53%	0.05	*	EPA 907.0	SOIL	RADIOCHEMICAL	1.00	39871DUP1		LK0445.0	8/8/96	0000023946	8/1/96
SC-02102-S-EB	THORIUM-230	ND	0.015	0.040	PCI/L	N/A	N/A	*	EPA 907.0	WATER	RADIOCHEMICAL	1.00	L7603-17		LK0449.0	8/14/96	0000028732	8/1/96
SC-02102-S-FR	THORIUM-230	1.07	0.170	0.035	PCI/G	7.77%	0.24	*	EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7568-6		LK0445.0	8/8/96	0000023948	8/1/96
SC-02102-S-MS	THORIUM-230	6.09	0.481	0.028	PCI/G	N/A	N/A	*	EPA 907.0	SOIL	RADIOCHEMICAL	1.00	39871MS1		LK0445.0	8/8/96	0000023947	8/1/96
SC-02102-S-SD	THORIUM-230	0.20	0.90	1.00	PCI/G	132.77%	0.75	*	USAEC	SOIL	RADIOCHEMICAL	1.00	9627061		BA1100.0	8/8/96	0000028731	8/1/96
SC-02308-S	THORIUM-230	1.39	0.17	0.03	PCI/G	N/A	N/A	*	EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7554-60		LK0443.0	8/4/96	0000023914	7/31/96
SC-02308-S-DU	THORIUM-230	1.25	0.16	0.04	PCI/G	10.61%	0.43	*	EPA 907.0	SOIL	RADIOCHEMICAL	1.00	39605DUP1		LK0443.0	8/4/96	0000023937	7/31/96
SC-02308-S-EB	THORIUM-230	0.006	0.016	0.029	PCI/L	N/A	N/A	*	EPA 907.0	WATER	RADIOCHEMICAL	1.00	L7603-18		LK0449.0	8/14/96	0000028240	7/30/96
SC-02308-S-FR	THORIUM-230	1.24	0.150	0.031	PCI/G	11.41%	0.47	*	EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7554-61		LK0443.0	8/4/96	0000023938	7/31/96
SC-02308-S-MS	THORIUM-230	6.37	0.450	0.033	PCI/G	N/A	N/A	*	EPA 907.0	SOIL	RADIOCHEMICAL	1.00	39605MS1		LK0443.0	8/4/96	0000023938	7/31/96
SC-02308-S-SD	THORIUM-230	0.60	0.80	1.00	PCI/G	79.40%	0.61	*	USAEC	SOIL	RADIOCHEMICAL	1.00	9627084		BA1100.0	8/8/96	0000029210	7/30/96
SC-02402-C	THORIUM-230	1.39	0.16	0.03	PCI/G	N/A	N/A	*	EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7555-9		LK0441.0	8/3/96	0000023617	7/30/96
SC-02402-C-DU	THORIUM-230	1.01	0.13	0.03	PCI/G	31.67%	1.30	*	EPA 907.0	SOIL	RADIOCHEMICAL	1.00	39606DUP1	*	LK0441.0	8/3/96	0000023619	7/30/96
SC-02402-C-EB	THORIUM-230	ND	0.010	0.024	PCI/L	N/A	N/A	*	EPA 907.0	WATER	RADIOCHEMICAL	1.00	L7603-19		LK0449.0	8/14/96	0000029244	7/30/96
SC-02402-C-FR	THORIUM-230	1.14	0.270	0.072	PCI/G	19.76%	0.58	*	EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7555-10		LK0441.0	8/5/96	0000023621	7/30/96
SC-02402-C-MS	THORIUM-230	6.13	0.453	0.045	PCI/G	N/A	N/A	*	EPA 907.0	SOIL	RADIOCHEMICAL	1.00	39606MS1		LK0441.0	8/3/96	0000023620	7/30/96
SC-02402-C-SD	THORIUM-230	2.30	1.10	1.00	PCI/G	49.32%	0.72	*	USAEC	SOIL	RADIOCHEMICAL	1.00	9627065		BA1100.0	8/8/96	0000029217	7/30/96
SC-02501-S-EB	THORIUM-230	ND	4.200	2.600	PCI/L	N/A	N/A	*	USAEC	WATER	RADIOCHEMICAL	1.00	9621701		BA1095.0	6/25/96	0000027916	6/5/96
SC-02501-S-DD	THORIUM-230	0.40	0.80	0.60	PCI/G	197.46%	3.96	*	USAEC	SOIL	RADIOCHEMICAL	1.00	9621702		BA1095.0	6/25/96	0000027917	6/5/96
SC-02501-S-RS	THORIUM-230	1.61	0.48	0.15	PCI/G	N/A	N/A	J	NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11366001		QT1392.0	6/17/96	0000028047	6/14/96
SC-02501-S-RS-SD	THORIUM-230	2.72	0.12	2.27	PCI/G	51.27%	1.91	*	EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC2548		WP0089.0	6/16/96	0000028073	6/14/96
SC-02502-C-RS	THORIUM-230	1.65	0.49	0.14	PCI/G	N/A	N/A	J	NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11366002		QT1392.0	6/17/96	0000028050	6/14/96
SC-02502-C-RS-SD	THORIUM-230	2.50	0.09	2.27	PCI/G	40.96%	1.47	*	EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC2549		WP0089.0	6/16/96	0000028075	6/14/96
SC-02502-S-RS	THORIUM-230	1.33	0.40	0.09	PCI/G	N/A	N/A	J	NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11366003		QT1392.0	6/17/96	0000028056	6/14/96
SC-02502-S-RS-SD	THORIUM-230	2.71	0.13	2.27	PCI/G	66.32%	2.60	*	EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC2550		WP0089.0	6/17/96	0000028074	6/14/96
SC-02504-S-RS	THORIUM-230	1.45	0.47	0.15	PCI/G	N/A	N/A	J	NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11366004		QT1392.0	6/17/96	0000028052	6/14/96
SC-02504-S-RS-SD	THORIUM-230	2.65	0.12	2.27	PCI/G	56.54%	2.03	*	EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC2551		WP0089.0	6/17/96	0000028077	6/14/96
SC-02510-S-RS	THORIUM-230	2.17	0.63	0.22	PCI/G	N/A	N/A	J	NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11366005		QT1392.0	6/17/96	0000028053	6/14/96
SC-02510-S-RS-SD	THORIUM-230	2.98	0.15	2.27	PCI/G	31.46%	1.04	*	EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC2552		WP0089.0	6/17/96	0000028078	6/14/96
SC-02516-S	THORIUM-230	2.72	0.74	0.24	PCI/G	N/A	N/A	J	NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11277016		QT1380.0	6/6/96	0000023492	6/5/96
SC-02516-S-DU	THORIUM-230	4.54	1.17	0.24	PCI/G	50.14%	0.95	J	NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11277016DU		QT1380.0	6/6/96	0000023822	6/5/96
SC-02516-S-EB	THORIUM-230	ND	4.800	2.800	PCI/L	N/A	N/A	*	USAEC	WATER	RADIOCHEMICAL	1.00	9621703		BA1095.0	6/25/96	0000027920	6/5/96

NOTE 1: The RPD/DER can not be calculated if the Parent or Quality Control Sample is non-detected

APPENDIX G TABLE G-1

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	%RPD	DER	VAL QUAL	METHOD	MATRIX	CATEGORY	DIL	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAM
SC-02516-S-FR	THORIUM-230	1.17	0.360	0.130	PCI/G	79.69%	1.41	J	NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11277017		QT1380.0	6/8/96	0000023624	6/5/96
SC-02516-S-MS	THORIUM-230	7.56	1.630	0.220	PCI/G	N/A	N/A	J	NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11277016MS		QT1380.0	6/8/96	0000023623	6/5/96
SC-02516-S-SD	THORIUM-230	0.50	0.90	0.50	PCI/G	137.89%	1.35	*	USAEC	SOIL	RADIOCHEMICAL	1.00	9621704		BA1095.0	6/26/96	0000027919	6/5/96
SC-02518-S-RS	THORIUM-230	1.38	0.42	0.17	PCI/G	N/A	N/A	J	NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11366008		QT1392.0	6/17/96	0000028054	6/14/96
SC-02518-S-RS-SD	THORIUM-230	2.70	0.12	2.27	PCI/G	64.71%	2.44	*	EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC2553		WP0089.0	6/18/96	0000028060	6/14/96
SC-02601-U	THORIUM-230	0.70	0.27	0.13	PCI/G	N/A	N/A	J	NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11353001		QT1390.0	6/18/96	0000027976	6/13/96
SC-02601-U-DU	THORIUM-230	0.68	0.25	0.08	PCI/G	1.44%	0.02	*	NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11353001DU		QT1390.0	6/18/96	0000027979	6/13/96
SC-02601-U-EB	THORIUM-230	0.047	0.132	0.252	PCI/L	N/A	N/A	*	HASL 300	WATER	RADIOCHEMICAL	1.00	960641101	B	IE0040.0	7/3/96	0000028023	6/13/96
SC-02601-U-FR	THORIUM-230	1.09	0.340	0.110	PCI/G	43.56%	0.64	*	NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11353002		QT1390.0	6/16/96	0000028022	6/13/96
SC-02601-U-MS	THORIUM-230	5.37	1.280	0.200	PCI/G	N/A	N/A	*	NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11353001MS		QT1390.0	6/16/96	0000027978	6/13/96
SC-02601-U-SD	THORIUM-230	1.38	0.23	0.02	PCI/G	65.38%	1.36	*	HASL 300	SOIL	RADIOCHEMICAL	1.00	960641102		IE0040.0	7/3/96	0000028024	6/13/96
SC-02609-C-EB	THORIUM-230	ND	4.100	2.800	PCI/L	N/A	N/A	*	USAEC	WATER	RADIOCHEMICAL	1.00	9621705		BA1095.0	6/25/96	0000027921	6/5/96
SC-02609-C-SD	THORIUM-230	ND	0.90	0.60	PCI/G	NOTE 1	NOTE 1	*	USAEC	SOIL	RADIOCHEMICAL	1.00	9621706		BA1095.0	6/26/96	0000027922	6/5/96
SC-02709-S	THORIUM-230	3.35	0.83	0.16	PCI/G	N/A	N/A	J	NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11319008		QT1384.0	6/12/96	0000023530	6/8/96
SC-02709-S-DU	THORIUM-230	1.63	0.49	0.18	PCI/G	69.06%	1.30	J	NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11319008D		QT1384.0	6/12/96	0000023528	6/8/96
SC-02709-S-EB	THORIUM-230	ND	4.400	2.800	PCI/L	N/A	N/A	*	USAEC	WATER	RADIOCHEMICAL	1.00	9621707		BA1095.0	6/25/96	0000027923	6/5/96
SC-02709-S-FR	THORIUM-230	1.85	0.490	0.140	PCI/G	57.69%	1.14	J	NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11319009		QT1384.0	6/12/96	0000023530	6/8/96
SC-02709-S-MS	THORIUM-230	7.74	1.660	0.120	PCI/G	N/A	N/A	*	NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11319008MS		QT1384.0	6/12/96	0000023529	6/8/96
SC-02709-S-SD	THORIUM-230	ND	0.80	0.60	PCI/G	NOTE 1	NOTE 1	*	USAEC	SOIL	RADIOCHEMICAL	1.00	9621708		BA1095.0	6/26/96	0000027924	6/8/96
SC-02903-S	THORIUM-230	2.85	0.14	2.27	PCI/G	N/A	N/A	A	EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3021		WP0110.0	6/6/96	0000023651	6/2/96
SC-02903-S-DU	THORIUM-230	2.74	0.12	2.27	PCI/G	3.94%	0.42	A	EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3021DU		WP0110.0	6/6/96	0000023631	6/2/96
SC-02903-S-EB	THORIUM-230	0.762	0.501	0.362	PCI/L	N/A	N/A	*	EML TH-01	WATER	RADIOCHEMICAL	1.00	9608052-04	J	TO0063.0	9/12/96	0000029257	8/2/96
SC-02903-S-FR	THORIUM-230	2.97	0.150	2.270	PCI/G	4.12%	0.41	J	EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3022		WP0110.0	6/6/96	0000023626	6/2/96
SC-02903-S-SD	THORIUM-230	1.38	0.40	0.14	PCI/G	69.56%	2.72	*	EML TH-01	SOIL	RADIOCHEMICAL	1.00	9608051-04		TO0063.0	8/25/96	0000029144	8/2/96
SC-03017-C	THORIUM-230	3.89	0.91	0.14	PCI/G	N/A	N/A	J	NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11325008		QT1385.0	6/13/96	0000023566	6/8/96
SC-03017-C-DU	THORIUM-230	1.93	0.55	0.14	PCI/G	67.35%	1.34	J	NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11325008DU		QT1385.0	6/13/96	0000023637	6/8/96
SC-03017-C-EB	THORIUM-230	ND	3.700	2.800	PCI/L	N/A	N/A	*	USAEC	WATER	RADIOCHEMICAL	1.00	9621709		BA1095.0	6/26/96	0000027925	6/8/96
SC-03017-C-FR	THORIUM-230	1.48	0.400	0.130	PCI/G	90.84%	1.65	J	NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11325009		QT1385.0	6/13/96	0000023639	6/8/96
SC-03017-C-MS	THORIUM-230	7.19	1.540	0.130	PCI/G	N/A	N/A	J	NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11325008MS		QT1385.0	6/13/96	0000023638	6/8/96
SC-03017-C-SD	THORIUM-230	0.40	0.90	0.60	PCI/G	162.70%	1.93	*	USAEC	SOIL	RADIOCHEMICAL	1.00	9621710		BA1095.0	6/26/96	0000027926	6/8/96
SC-03102-S	THORIUM-230	0.09	0.09	0.11	PCI/G	N/A	N/A	J	NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11237001	U	QT1373.0	6/3/96	0000023855	5/31/96
SC-03102-S-DU	THORIUM-230	0.10	0.09	0.09	PCI/G	8.51%	0.05	A	NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11237001DU		QT1373.0	6/3/96	0000027591	5/31/96
SC-03102-S-EB	THORIUM-230	0.200	0.160	0.200	PCI/L	N/A	N/A	U	NAS-NS-3004	WATER	RADIOCHEMICAL	1.00	11247001	U	QT1375.0	7/9/96	0000027593	5/31/96
SC-03102-S-FR	THORIUM-230	1.24	0.390	0.130	PCI/G	172.93%	2.42	J	NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11237002		QT1373.0	6/3/96	0000027592	5/31/96
SC-03102-S-MS	THORIUM-230	8.35	1.300	0.210	PCI/G	N/A	N/A	A	NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11237001MS		QT1373.0	6/3/96	0000027590	5/31/96
SC-03106-HS01	THORIUM-230	1.53	0.47	0.24	PCI/G	N/A	N/A	J	NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11366007		QT1392.0	6/17/96	0000028057	6/14/96
SC-03106-HS01-SD	THORIUM-230	2.66	0.10	2.27	PCI/G	53.94%	1.98	*	EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC2554		WP0089.0	6/18/96	0000028065	6/14/96
SC-03106-HS02	THORIUM-230	1.24	0.37	0.12	PCI/G	N/A	N/A	J	NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11366008		QT1392.0	6/17/96	0000028058	6/14/96
SC-03106-HS02-SD	THORIUM-230	2.78	0.13	2.27	PCI/G	76.62%	3.08	*	EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC2555		WP0089.0	6/16/96	0000028067	6/14/96
SC-03106-HS03	THORIUM-230	8.45	1.45	0.12	PCI/G	N/A	N/A	J	NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11366009		QT1392.0	6/17/96	0000028062	6/14/96
SC-03106-HS03-SD	THORIUM-230	10.80	0.44	2.27	PCI/G	24.42%	1.24	*	EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC2556		WP0089.0	6/16/96	0000028069	6/14/96
SC-03106-HS04	THORIUM-230	1.81	0.52	0.12	PCI/G	N/A	N/A	J	NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11366010		QT1392.0	6/17/96	0000028064	6/14/96
SC-03106-HS04-SD	THORIUM-230	2.76	0.13	2.27	PCI/G	41.56%	1.46	*	EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC2557		WP0089.0	6/16/96	0000028071	6/14/96
SC-03205-C	THORIUM-230	0.42	0.19	0.09	PCI/G	N/A	N/A	J	NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11243003		QT1374.0	6/5/96	0000023992	5/31/96
SC-03205-C-DU	THORIUM-230	0.61	0.23	0.11	PCI/G	36.89%	0.45	J	NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11243003DU		QT1374.0	6/5/96	0000027609	5/31/96
SC-03205-C-EB	THORIUM-230	0.150	0.096	0.094	PCI/L	N/A	N/A	J	NAS-NS-3004	WATER	RADIOCHEMICAL	1.00	11247002		QT1375.0	7/9/96	0000027611	5/31/96
SC-03205-C-FR	THORIUM-230	0.62	0.260	0.180	PCI/G	98.46%	0.45	J	NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11243004		QT1374.0	6/5/96	0000027610	5/31/96

NOTE 1: The RPD/DER can not be calculated if the Parent or Quality Control Sample is non-detected

APPENDIX G TABLE G-1

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	%RPD	DER	VAL QUAL	METHOD	MATRIX	CATEGORY	DIL	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAM
SC-03205-C-MS	THORIUM-230	5.99	1.340	0.190	PCI/G	N/A	N/A	J	NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11243003MS		QT1374.0	6/5/96	0000027607	5/31/96
SC-03303-S	THORIUM-230	1.05	0.39	0.23	PCI/G	N/A	N/A	J	NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11340002		QT1389.0	6/14/96	0000023993	6/12/96
SC-03303-S-DU	THORIUM-230	0.98	0.34	0.18	PCI/G	5.68%	0.08	J	NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11340002DU		QT1389.0	6/14/96	0000027603	6/12/96
SC-03303-S-EB	THORIUM-230	0.191	0.165	0.229	PCI/L	N/A	N/A	*	HASL 300	WATER	RADIOCHEMICAL	1.00	960841103	B	IE0040.0	7/9/96	0000027606	6/12/96
SC-03303-S-FR	THORIUM-230	0.98	0.350	0.160	PCI/G	6.90%	0.10	J	NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11340003		QT1389.0	6/14/96	0000027604	6/12/96
SC-03303-S-MS	THORIUM-230	4.90	1.060	0.190	PCI/G	N/A	N/A	J	NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11340002MS		QT1389.0	6/14/96	0000027601	6/12/96
SC-03303-S-SD	THORIUM-230	1.00	0.18	0.05	PCI/G	5.18%	0.09	*	HASL 300	SOIL	RADIOCHEMICAL	1.00	960841104		IE0040.0	7/3/96	0000027605	6/12/96
SC-03513-S	THORIUM-230	2.88	0.77	0.13	PCI/G	N/A	N/A	J	NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11435006		QT1404.0	6/29/96	0000024042	6/21/96
SC-03513-S-DU	THORIUM-230	1.92	0.45	0.07	PCI/G	39.33%	0.77	J	NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11435006DU		QT1404.0	6/29/96	0000026203	6/21/96
SC-03513-S-EB	THORIUM-230	0.050	0.106	0.187	PCI/L	N/A	N/A	*	HASL 300	WATER	RADIOCHEMICAL	1.00	960861203	B	IE0041.0	7/23/96	0000026239	6/21/96
SC-03513-S-FR	THORIUM-230	2.19	0.610	0.160	PCI/G	26.53%	0.49	J	NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11435007		QT1404.0	6/29/96	0000026201	6/21/96
SC-03513-S-MS	THORIUM-230	6.76	1.470	0.100	PCI/G	N/A	N/A	J	NAS-NS-3004	SOIL	RADIOCHEMICAL	1.00	11435006MS		QT1404.0	6/29/96	0000026202	6/21/96
SC-03513-S-SD	THORIUM-230	1.42	0.28	0.06	PCI/G	67.29%	1.40	*	HASL 300	SOIL	RADIOCHEMICAL	1.00	960861204		IE0041.0	7/16/96	0000026237	6/21/96
SC-03713-S	THORIUM-230	2.34	0.00	2.27	PCI/G	N/A	N/A	J	EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3107		WP0114.0	8/11/96	0000024267	8/7/96
SC-03713-S-EB	THORIUM-230	0.495	0.297	0.191	PCI/L	N/A	N/A	*	EML TH-01	WATER	RADIOCHEMICAL	1.00	9608119-04		TO0069.0	8/22/96	0000029236	8/7/96
SC-03713-S-FR	THORIUM-230	2.47	0.004	2.270	PCI/G	5.41%	16.57	J	EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3108		WP0114.0	8/11/96	0000029237	8/7/96
SC-03713-S-SD	THORIUM-230	1.30	0.38	0.05	PCI/G	57.14%	2.74	*	EML TH-01	SOIL	RADIOCHEMICAL	1.00	9608118-04		TO0069.0	8/22/96	0000029239	8/7/96
SC-03714-S	THORIUM-230	2.65	0.01	2.27	PCI/G	N/A	N/A	J	EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3109		WP0114.0	8/9/96	0000024268	8/7/96
SC-03714-S-DU	THORIUM-230	3.62	0.40	2.27	PCI/G	30.94%	2.38	J	EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3109		WP0114.0	8/9/96	0000029235	8/7/96
SC-03810-S	THORIUM-230	2.85	0.15	2.27	PCI/G	N/A	N/A	*	EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3127		WP0115.0	8/16/96	0000024290	8/8/96
SC-03810-S-DU	THORIUM-230	2.67	0.14	2.27	PCI/G	6.52%	0.62	*	EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3127DU		WP0115.0	8/16/96	0000028810	8/8/96
SC-03810-S-EB	THORIUM-230	1.660	0.753	0.269	PCI/L	N/A	N/A	*	EML TH-01	WATER	RADIOCHEMICAL	1.00	9608119-05		TO0069.0	8/22/96	0000028814	8/8/96
SC-03810-S-FR	THORIUM-230	2.43	0.100	2.270	PCI/G	15.91%	1.68	*	EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3128		WP0115.0	8/16/96	0000028808	8/8/96
SC-03810-S-SD	THORIUM-230	1.09	0.32	0.06	PCI/G	89.34%	3.78	*	EML TH-01	SOIL	RADIOCHEMICAL	1.00	9608116-05		TO0069.0	8/22/96	0000028809	8/8/96
SC-03908-S	THORIUM-230	2.43	0.09	2.27	PCI/G	N/A	N/A	A	EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3072		WP0113.0	8/15/96	0000024310	8/6/96
SC-03908-S-DU	THORIUM-230	2.49	0.12	2.27	PCI/G	2.44%	0.29	J	EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3072DU		WP0113.0	8/15/96	0000028894	8/6/96
SC-03908-S-EB	THORIUM-230	0.047	0.095	0.128	PCI/L	N/A	N/A	*	EML TH-01	WATER	RADIOCHEMICAL	1.00	9608052-05	U	TO0063.0	9/12/96	0000029255	8/6/96
SC-03908-S-FR	THORIUM-230	2.59	0.110	2.270	PCI/G	16.16%	1.30	A	EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3073		WP0113.0	8/15/96	0000028895	8/6/96
SC-03924-C	THORIUM-230	2.69	0.16	2.27	PCI/G	N/A	N/A	J	EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3090		WP0113.0	8/14/96	0000024320	8/6/96
SC-03924-C-DU	THORIUM-230	2.57	0.11	2.27	PCI/G	11.72%	1.19	J	EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3090DU		WP0113.0	8/14/96	0000028901	8/6/96
SC-03924-C-EB	THORIUM-230	0.187	0.190	0.253	PCI/L	N/A	N/A	*	EML TH-01	WATER	RADIOCHEMICAL	1.00	9608052-06	U	TO0063.0	9/12/96	0000029256	8/6/96
SC-03924-C-FR	THORIUM-230	2.88	0.140	2.270	PCI/G	2.10%	0.20	J	EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3091		WP0113.0	8/14/96	0000028902	8/6/96
SC-04019-S	THORIUM-230	0.97	0.19	0.06	PCI/G	N/A	N/A	*	EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7579-4		LK0448.0	8/6/96	0000024332	8/2/96
SC-04019-S-DU	THORIUM-230	1.18	0.21	0.05	PCI/G	19.53%	0.53	*	EPA 907.0	SOIL	RADIOCHEMICAL	1.00	39735DUP1		LK0448.0	8/6/96	0000028651	8/2/96
SC-04019-S-EB	THORIUM-230	ND	0.013	0.028	PCI/L	N/A	N/A	*	EPA 907.0	WATER	RADIOCHEMICAL	1.00	L7603-20		LK0449.0	8/14/96	0000028655	8/2/96
SC-04019-S-FR	THORIUM-230	1.01	0.200	0.049	PCI/G	4.04%	0.10	*	EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7579-5		LK0448.0	8/6/96	0000028649	8/2/96
SC-04019-S-MS	THORIUM-230	5.72	0.514	0.036	PCI/G	N/A	N/A	*	EPA 907.0	SOIL	RADIOCHEMICAL	1.00	39735MS1		LK0448.0	8/6/96	0000028650	8/2/96
SC-04019-S-SD	THORIUM-230	0.50	0.90	1.00	PCI/G	63.95%	0.43	*	USAEC	SOIL	RADIOCHEMICAL	1.00	9627069		BA1100.0	8/8/96	0000028647	8/2/96
SC-04029-S	THORIUM-230	1.40	0.23	0.06	PCI/G	N/A	N/A	*	EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7579-16		LK0448.0	8/6/96	0000024339	8/2/96
SC-04029-S-DU	THORIUM-230	1.17	0.19	0.04	PCI/G	17.90%	0.55	*	EPA 907.0	SOIL	RADIOCHEMICAL	1.00	39735DUP2		LK0448.0	8/6/96	0000028658	8/2/96
SC-04029-S-EB	THORIUM-230	0.174	0.204	0.351	PCI/L	N/A	N/A	*	EML TH-01	WATER	RADIOCHEMICAL	1.00	9608052-07	U	TO0063.0	9/12/96	0000028664	8/2/96
SC-04029-S-FR	THORIUM-230	1.64	0.250	0.041	PCI/G	16.79%	0.50	*	EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7579-17		LK0448.0	8/6/96	0000028657	8/2/96
SC-04029-S-MS	THORIUM-230	6.27	0.580	0.047	PCI/G	N/A	N/A	*	EPA 907.0	SOIL	RADIOCHEMICAL	1.00	39735MS2		LK0448.0	8/6/96	0000028659	8/2/96
SC-04029-S-SD	THORIUM-230	1.03	0.33	0.05	PCI/G	30.45%	0.66	*	EMI TH-01	SOIL	RADIOCHEMICAL	1.00	9608051-05		TO0063.0	9/26/96	0000028656	8/2/96
SC-04220-S	THORIUM-230	2.30	0.06	2.27	PCI/G	N/A	N/A	*	EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3151		WP0117.0	8/14/96	0000024340	8/12/96
SC-04220-S-DU	THORIUM-230	2.47	0.09	2.27	PCI/G	7.13%	1.13	*	EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC3151DU		WP0117.0	8/14/96	0000028343	8/12/96
SC-04316-S	THORIUM-230	1.27	0.15	0.03	PCI/G	N/A	N/A	A	EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7356-26		LK0422.0	7/4/96	0000024413	6/28/96
SC-04316-S-DU	THORIUM-230	1.18	0.15	0.03	PCI/G	7.35%	0.30	A	EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7356-26		LK0422.0	7/4/96	0000028350	6/28/96
SC-04316-S-EB	THORIUM-230	ND	0.037	0.096	PCI/L	N/A	N/A	*	EPA 907.0	WATER	RADIOCHEMICAL	1.00	L7551-3		LK0440.0	8/6/96	0000028354	6/28/96
SC-04316-S-FR	THORIUM-230	1.28	0.160	0.024	PCI/G	0.78%	0.03	A	EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7356-27		LK0422.0	7/4/96	0000028355	6/28/96
SC-04316-S-MS	THORIUM-230	5.25	0.502	0.026	PCI/G	N/A	N/A	J	EPA 907.0	SOIL	RADIOCHEMICAL	1.00	L7356-28		LK0422.0	7/4/96	0000028351	6/28/96

NOTE 1: The RPD/DER can not be calculated if the Parent or Quality Control Sample is non-detected

APPENDIX G TABLE G-1

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	%RPD	DER	VAL QUAL	METHOD	MATRIX	CATEGORY	DIL	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAM
SC-04316-S-SD	THORIUM-230	1.84	0.49	0.09	PCI/G	36.66%	0.90	*	EML TH-01	SOIL	RADIOCHEMICAL	1.00	9607176-05		TO0062.0	8/9/96	0000026353	6/28/96
SC-04409-S	THORIUM-230	3.14	0.17	2.27	PCI/G	N/A	N/A	*	EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC2832		WP0102.0	7/21/96	0000024777	7/18/96
SC-04409-S-DU	THORIUM-230	2.91	0.16	2.27	PCI/G	7.60%	0.72	*	EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC2832DU		WP0102.0	7/21/96	0000026785	7/18/96
SC-04409-S-FR	THORIUM-230	3.24	0.180	2.270	PCI/G	3.13%	0.29	*	EML TH-01	SOIL	RADIOCHEMICAL	1.00	WSC2833		WP0102.0	7/21/96	0000026768	7/18/96
SC-04714-S	THORIUM-230	2.62	0.12	2.17	PCI/G	N/A	N/A	*	EML TH01	SOIL	RADIOCHEMICAL	1.00	WSC2800		WP0100.0	7/19/96	0000024857	7/17/96
SC-04714-S-DU	THORIUM-230	2.42	0.08	2.17	PCI/G	7.94%	1.00	*	EML TH01	SOIL	RADIOCHEMICAL	1.00	WSC2800DU		WP0100.0	7/20/96		7/17/96
SC-02002-S	URANIUM-238	ND		3.77	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2959		WP0106.0	8/5/96	0000023824	8/1/96
SC-02002-S-DU	URANIUM-238	ND		3.00	PCI/G	NOTE1	NOTE1	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2959DU		WP0106.0	8/5/96	0000023852	8/1/96
SC-02002-S-FR	URANIUM-238	ND		3.820	PCI/G	NOTE 1	NOTE 1	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2960		WP0106.0	8/5/96	0000023854	8/1/96
SC-02102-S	URANIUM-238	ND		4.30	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2940		WP0107.0	9/5/96	0000023858	8/1/96
SC-02102-S-DU	URANIUM-238	2.33	0.74	2.97	PCI/G	NOTE1	NOTE1	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2940DU		WP0107.0	9/5/96	0000023946	8/1/96
SC-02102-S-FR	URANIUM-238	ND		4.070	PCI/G	NOTE 1	NOTE 1	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2941		WP0107.0	9/5/96	0000023948	8/1/96
SC-02120-S	URANIUM-238	ND		3.24	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2908		WP0106.0	8/2/96	0000023878	7/31/96
SC-02120-S-DU	URANIUM-238	2.24	0.68	2.63	PCI/G	NOTE1	NOTE1	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2908DU		WP0106.0	8/2/96	0000023843	7/31/96
SC-02120-S-FR	URANIUM-238	2.92	0.660	1.980	PCI/G	NOTE 1	NOTE 1	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2909		WP0106.0	8/2/96	0000023845	7/31/96
SC-02120-S-SD	URANIUM-238	2.90	1.10	0.40	PCI/G	NOTE 1	NOTE 1	*	EPA 908.0	SOIL	RADIOCHEMICAL	1.00	9627062		BA1100.0	8/9/96	0000026733	7/31/96
SC-02216-S	URANIUM-238	2.69	0.73	2.96	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2929		WP0106.0	8/2/96	0000023936	7/31/96
SC-02216-S-DU	URANIUM-238	ND		3.31	PCI/G	NOTE1	NOTE1	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2929DU		WP0106.0	8/2/96	0000023940	7/31/96
SC-02216-S-FR	URANIUM-238	ND		4.420	PCI/G	NOTE 1	NOTE 1	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2930		WP0106.0	8/2/96	0000023942	7/31/96
SC-02216-S-SD	URANIUM-238	4.60	1.40	0.40	PCI/G	45.66%	0.80	*	EPA 908.0	SOIL	RADIOCHEMICAL	1.00	9627063		BA1100.0	8/9/96	0000026736	7/31/96
SC-02308-S	URANIUM-238	ND		4.87	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2891		WP0105.0	9/4/96	0000023914	7/31/96
SC-02308-S-DU	URANIUM-238	ND		4.72	PCI/G	NOTE1	NOTE1	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2891DU		WP0105.0	9/5/96	0000023937	7/31/96
SC-02308-S-EB	URANIUM-238	0.053	0.054	0.066	PCI/L	N/A	N/A	*	EPA 908.0	WATER	RADIOCHEMICAL	1.00	L7603-14		LK0449.0	8/8/96	0000029240	7/30/96
SC-02308-S-FR	URANIUM-238	ND		3.150	PCI/G	NOTE 1	NOTE 1	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2892		WP0105.0	9/4/96	0000023939	7/31/96
SC-02308-S-SD	URANIUM-238	0.90	0.60	0.40	PCI/G	NOTE 1	NOTE 1	*	EPA 908.0	SOIL	RADIOCHEMICAL	1.00	9627064		BA1100.0	8/9/96	0000029219	7/30/96
SC-02402-C	URANIUM-238	ND		4.26	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2852		WP0103.0	9/2/96	0000023617	7/30/96
SC-02402-C-DU	URANIUM-238	ND		4.04	PCI/G	NOTE1	NOTE1	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2852DU		WP0103.0	9/2/96	0000023619	7/30/96
SC-02402-C-EB	URANIUM-238	0.012	0.048	0.051	PCI/L	N/A	N/A	*	EPA 908.0	WATER	RADIOCHEMICAL	1.00	L7603-15		LK0449.0	8/8/96	0000029244	7/30/96
SC-02402-C-FR	URANIUM-238	ND		3.080	PCI/G	NOTE 1	NOTE 1	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2853		WP0103.0	9/2/96	0000023621	7/30/96
SC-02402-C-SD	URANIUM-238	0.80	0.80	0.40	PCI/G	NOTE 1	NOTE 1	*	EPA 908.0	SOIL	RADIOCHEMICAL	1.00	9627065		BA1100.0	8/9/96	0000029217	7/30/96
SC-02501-S	URANIUM-238	ND		4.10	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2388		WP0081.0	7/8/96	0000023453	6/5/96
SC-02501-S-DU	URANIUM-238	ND		4.53	PCI/G	NOTE1	NOTE1	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2388 DU		WP0081.0	7/8/96	0000023457	6/5/96
SC-02501-S-EB	URANIUM-238	ND	1.300	2.600	PCI/L	N/A	N/A	*	EPA 908.0	WATER	RADIOCHEMICAL	1.00	9621701		BA1095.0	6/19/96	0000027918	6/5/96
SC-02501-S-FR	URANIUM-238	ND		3.160	PCI/G	NOTE 1	NOTE 1	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2389		WP0081.0	7/8/96	0000023459	6/5/96
SC-02516-S	URANIUM-238	ND		4.18	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2403		WP0081.0	7/8/96	0000023492	6/5/96
SC-02516-S-DU	URANIUM-238	ND		4.15	PCI/G	NOTE1	NOTE1	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2403DU		WP0081.0	7/12/96	0000023622	6/5/96
SC-02516-S-EB	URANIUM-238	ND	1.300	2.600	PCI/L	N/A	N/A	*	EPA 908.0	WATER	RADIOCHEMICAL	1.00	9621703		BA1095.0	6/19/96	0000027920	6/5/96
SC-02516-S-FR	URANIUM-238	ND		3.110	PCI/G	NOTE 1	NOTE 1	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2404		WP0081.0	7/8/96	0000023624	6/5/96
SC-02601-U	URANIUM-238	ND		3.29	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2511		WP0087.0	7/15/96	0000027976	6/13/96
SC-02601-U-DU	URANIUM-238	ND		3.17	PCI/G	NOTE1	NOTE1	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2511DU		WP0087.0	7/15/96	0000027978	6/13/96
SC-02601-U-EB	URANIUM-238	0.162	0.096	0.040	PCI/L	N/A	N/A	*	HASL 300	WATER	RADIOCHEMICAL	1.00	960641101		IE0040.0	7/9/96	0000026023	6/13/96
SC-02601-U-FR	URANIUM-238	ND		4.410	PCI/G	NOTE 1	NOTE 1	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2512		WP0087.0	7/15/96	0000026022	6/13/96
SC-02609-C	URANIUM-238	ND		3.09	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2423		WP0082.0	7/9/96	0000023520	6/5/96
SC-02609-C-DU	URANIUM-238	ND		3.22	PCI/G	NOTE1	NOTE1	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2423 DU		WP0082.0	7/9/96	0000023625	6/6/96
SC-02609-C-EB	URANIUM-238	ND	1.700	2.600	PCI/L	N/A	N/A	*	EPA 908.0	WATER	RADIOCHEMICAL	1.00	9621705		BA1095.0	6/19/96	0000027921	6/5/96
SC-02609-C-FR	URANIUM-238	ND		4.300	PCI/G	NOTE 1	NOTE 1	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2424		WP0082.0	7/9/96	0000023627	6/5/96
SC-02708-S-HS01	URANIUM-238	102.00	9.49	8.87	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2676		WP0095.0	7/1/96	0000026329	6/27/96
SC-02708-S-HS01-DU	URANIUM-238	90.20	8.55	8.74	PCI/G	12.28%	0.65	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2676DU		WP0095.0	8/16/96		6/27/96
SC-02709-S	URANIUM-238	ND		4.14	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2452		WP0085.0	7/12/96	0000023530	6/6/96
SC-02709-S-DU	URANIUM-238	ND		4.34	PCI/G	NOTE1	NOTE1	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2452DU		WP0085.0	7/12/96	0000023528	6/6/96
SC-02709-S-EB	URANIUM-238	ND	1.700	2.600	PCI/L	N/A	N/A	*	EPA 908.0	WATER	RADIOCHEMICAL	1.00	9621707		BA1095.0	6/19/96	0000027923	6/6/96

NOTE 1: The RPD/DER can not be calculated if the Parent or Quality Control Sample is non-detected

APPENDIX G TABLE G-1

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	%RPD	DER	VAL QUAL	METHOD	MATRIX	CATEGORY	DIL	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAM
SC-02709-S-FR	URANIUM-238	ND		4.070	PCI/G	NOTE 1	NOTE 1	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2453		WP0085.0	7/12/96	0000023530	6/5/96
SC-02903-S	URANIUM-238	ND		4.45	PCI/G	N/A	N/A	U	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3021		WP0110.0	9/6/96	0000023551	8/2/96
SC-02903-S-DU	URANIUM-238	2.58	0.59	1.95	PCI/G	NOTE1	NOTE1	A	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3021DU		WP0110.0	9/13/96	0000023831	8/2/96
SC-02903-S-FR	URANIUM-238	ND		3.240	PCI/G	NOTE 1	NOTE 1	U	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3022		WP0110.0	9/6/96	0000028026	8/2/96
SC-02903-S-SD	URANIUM-238	1.40	0.39	0.08	PCI/G	NOTE 1	NOTE 1	*	EML U-02	SOIL	RADIOCHEMICAL	1.00	9608051-04		TO0083.0	8/29/96	0000029144	8/2/96
SC-03102-S	URANIUM-238	ND		4.21	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2334		WP0078.0	7/5/96	0000023955	5/31/96
SC-03102-S-DU	URANIUM-238	ND		3.80	PCI/G	NOTE1	NOTE1	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2334DU		WP0078.0	7/5/96	0000027581	5/31/96
SC-03102-S-FR	URANIUM-238	ND		3.210	PCI/G	NOTE 1	NOTE 1	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2335		WP0078.0	7/5/96	0000027582	5/31/96
SC-03303-S	URANIUM-238	ND		5.21	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2486		WP0086.0	7/15/96	0000023983	6/12/96
SC-03303-S-DU	URANIUM-238	ND		4.91	PCI/G	NOTE1	NOTE1	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2486DU		WP0086.0	7/15/96		6/12/96
SC-03402-S	URANIUM-238	ND		3.92	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2558		WP0090.0	7/25/96	0000024029	6/21/96
SC-03402-S-DU	URANIUM-238	ND		4.08	PCI/G	NOTE1	NOTE1	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2558DU		WP0090.0	7/25/96	0000028131	6/21/96
SC-03402-S-FR	URANIUM-238	ND		4.000	PCI/G	NOTE 1	NOTE 1	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2559		WP0091.0	7/26/96	0000028210	6/21/96
SC-03513-S	URANIUM-238	3.09	1.14	3.39	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2592		WP0090.0	7/26/96	0000024042	6/21/96
SC-03513-S-DU	URANIUM-238	3.13	1.17	3.47	PCI/G	1.28%	0.02	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2592 DU		WP0090.0	7/26/96		6/21/96
SC-03513-S-FR	URANIUM-238	3.69	0.770	2.560	PCI/G	17.70%	0.31	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2593		WP0090.0	7/26/96	0000028201	6/21/96
SC-03516-S	URANIUM-238	ND		3.35	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2596		WP0090.0	7/26/96	0000024064	6/21/96
SC-03516-S-DU	URANIUM-238	3.81	0.77	2.48	PCI/G	NOTE1	NOTE1	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2596DU		WP0090.0	7/26/96		6/21/96
SC-03516-S-FR	URANIUM-238	ND		5.000	PCI/G	NOTE 1	NOTE 1	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2597		WP0090.0	7/26/96	0000028205	6/21/96
SC-03613-S	URANIUM-238	ND		3.97	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2364		WP0080.0	7/8/96	0000024246	6/4/96
SC-03613-S-DU	URANIUM-238	ND		4.12	PCI/G	NOTE1	NOTE1	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2364 DU		WP0080.0	7/8/96		6/4/96
SC-03613-S-FR	URANIUM-238	ND		2.950	PCI/G	NOTE 1	NOTE 1	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2365		WP0080.0	7/8/96	0000027795	6/4/96
SC-03713-S	URANIUM-238	ND		4.07	PCI/G	N/A	N/A	U	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3107		WP0114.0	9/16/96	0000024267	8/7/96
SC-03713-S-FR	URANIUM-238	ND		3.280	PCI/G	NOTE 1	NOTE 1	U	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3108		WP0114.0	9/16/96	0000029237	8/7/96
SC-03713-S-SD	URANIUM-238	1.75	0.50	0.09	PCI/G	NOTE 1	NOTE 1	*	EML U-02	SOIL	RADIOCHEMICAL	1.00	9608118-04		TO0089.0	8/22/96	0000029239	8/7/96
SC-03714-S	URANIUM-238	ND		3.55	PCI/G	N/A	N/A	U	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3109		WP0114.0	9/17/96	0000024268	8/7/96
SC-03714-S-DU	URANIUM-238	ND		4.31	PCI/G	NOTE1	NOTE1	U	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC109		WP0114.0	9/17/96	0000029235	8/7/96
SC-03810-S	URANIUM-238	23.80	2.70	5.51	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3127		WP0115.0	9/17/96	0000024290	8/8/96
SC-03810-S-DU	URANIUM-238	21.20	2.75	6.65	PCI/G	11.55%	0.48	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3127DU		WP0115.0	9/17/96	0000028810	8/8/96
SC-03810-S-FR	URANIUM-238	13.40	1.720	3.150	PCI/G	55.91%	2.35	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3128		WP0115.0	9/17/96	0000028808	8/8/96
SC-03810-S-SD	URANIUM-238	10.70	2.13	0.11	PCI/G	75.94%	2.71	*	EML U-02	SOIL	RADIOCHEMICAL	1.00	9608118-05		TO0089.0	8/22/96	0000028809	8/8/96
SC-03908-S	URANIUM-238	4.69	0.66	2.70	PCI/G	N/A	N/A	A	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3072		WP0113.0	9/11/96	0000024310	8/6/96
SC-03908-S-DU	URANIUM-238	4.83	0.88	2.16	PCI/G	2.94%	0.08	A	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3072DU		WP0113.0	9/11/96	0000028894	8/6/96
SC-03908-S-FR	URANIUM-238	16.60	2.260	4.900	PCI/G	111.88%	3.83	A	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3073		WP0113.0	9/11/96	0000028895	8/6/96
SC-03924-C	URANIUM-238	ND		4.29	PCI/G	N/A	N/A	U	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3090		WP0113.0	9/11/96	0000024320	8/6/96
SC-03924-C-DU	URANIUM-238	ND		4.30	PCI/G	NOTE1	NOTE1	U	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3090DU		WP0113.0	9/20/96	0000028901	8/6/96
SC-03924-C-FR	URANIUM-238	2.28	0.610	2.100	PCI/G	NOTE 1	NOTE 1	A	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3091		WP0113.0	9/11/96	0000028902	8/6/96
SC-04006-S	URANIUM-238	7.35	1.11	2.65	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2993		WP0108.0	8/6/96	0000024353	8/2/96
SC-04006-S-DU	URANIUM-238	5.70	1.23	4.45	PCI/G	25.29%	0.71	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2993DU		WP0108.0	8/6/96	0000029317	8/2/96
SC-04017-S	URANIUM-238	ND		4.22	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3003		WP0109.0	8/6/96	0000024360	8/2/96
SC-04017-S-DU	URANIUM-238	ND		4.17	PCI/G	NOTE1	NOTE1	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3003DU		WP0109.0	8/6/96	0000029316	8/2/96
SC-04019-S	URANIUM-238	ND		2.96	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3004		WP0109.0	9/10/96	0000024332	8/2/96
SC-04019-S-DU	URANIUM-238	ND		3.15	PCI/G	NOTE1	NOTE1	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3004DU		WP0109.0	9/13/96	0000028651	8/2/96
SC-04019-S-FR	URANIUM-238	ND		4.340	PCI/G	NOTE 1	NOTE 1	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3005		WP0109.0	9/10/96	0000028649	8/2/96
SC-04019-S-SD	URANIUM-238	0.20	0.60	0.40	PCI/G	NOTE 1	NOTE 1	*	EPA 908.0	SOIL	RADIOCHEMICAL	1.00	9627988		BA1100.0	8/8/96	0000028647	8/2/96
SC-04029-S	URANIUM-238	ND		4.55	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3017		WP0109.0	8/6/96	0000024339	8/2/96
SC-04029-S-FR	URANIUM-238	ND		3.390	PCI/G	NOTE 1	NOTE 1	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3018		WP0109.0	8/6/96	0000028657	8/2/96
SC-04029-S-SD	URANIUM-238	2.87	0.65	0.08	PCI/G	NOTE 1	NOTE 1	*	EML U-02	SOIL	RADIOCHEMICAL	1.00	9608051-05		TO0083.0	8/29/96	0000028656	8/2/96
SC-04114-S	URANIUM-238	ND		3.03	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3147		WP0116.0	9/12/96	0000024378	8/9/96
SC-04114-S-DU	URANIUM-238	ND		3.85	PCI/G	NOTE1	NOTE1	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3147DU		WP0116.0	9/12/96	0000029353	8/9/96
SC-04202-S	URANIUM-238	2.15	0.89	2.67	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2880		WP0096.0	7/1/96	0000024391	5/28/96

NOTE 1: The RPD/DER can not be calculated if the Parent or Quality Control Sample is non-detected

APPENDIX G TABLE G-1

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	%RPD	DER	VAL QUAL	METHOD	MATRIX	CATEGORY	DIL	LAB ID	LAB QUAL	LAB RECD	DATE ANA	SAMPLINK	DATE SAM
SC-04202-S-DU	URANIUM-238	ND		3.69	PCI/G	NOTE1	NOTE1	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2580DU		WP0095.0	8/16/96	0000028331	6/28/96
SC-04202-S-FR	URANIUM-238	ND		4.140	PCI/G	NOTE 1	NOTE 1	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2581		WP0095.0	7/1/96	0000028336	6/28/96
SC-04202-S-SD	URANIUM-238	1.69	0.46	0.12	PCI/G	23.96%	0.34	*	EML U-02	SOIL	RADIOCHEMICAL	1.00	9607176-04		TO0062.0	8/9/96	0000028345	6/28/96
SC-04203-S	URANIUM-238	ND		4.29	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2683		WP0095.0	8/8/96	0000024381	6/28/96
SC-04203-S-DU	URANIUM-238	ND		3.91	PCI/G	NOTE1	NOTE1	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2683DU		WP0095.0	8/8/96		6/28/96
SC-04214-C	URANIUM-238	ND		3.94	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2692		WP0095.0	7/2/96	0000024396	6/28/96
SC-04214-C-DU	URANIUM-238	2.45	0.66	2.38	PCI/G	NOTE1	NOTE1	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2692DU		WP0095.0	8/16/96		6/28/96
SC-04218-S	URANIUM-238	ND		3.83	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3149		WP0117.0	8/13/96	0000024399	8/12/96
SC-04218-S-FR	URANIUM-238	ND		3.700	PCI/G	NOTE 1	NOTE 1	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC3157		WP0117.0	8/13/96	0000029378	8/12/96
SC-04218-S-SD	URANIUM-238	1.92	0.50	0.12	PCI/G	NOTE 1	NOTE 1	*	EML U-02	SOIL	RADIOCHEMICAL	1.00	9606118-06		TO0059.0	8/22/96	0000029396	6/12/96
SC-04316-S	URANIUM-238	ND		4.01	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2754		WP0096.0	7/3/96	0000024413	6/28/96
SC-04316-S-DU	URANIUM-238	ND		3.21	PCI/G	NOTE1	NOTE1	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2754DU		WP0096.0	8/19/96	0000028350	6/28/96
SC-04316-S-SD	URANIUM-238	1.52	0.43	0.09	PCI/G	NOTE 1	NOTE 1	*	EML U-02	SOIL	RADIOCHEMICAL	1.00	9607176-05		TO0062.0	8/9/96	0000028353	6/28/96
SC-04409-S	URANIUM-238	6.23	0.89	2.46	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2832		WP0102.0	7/22/96	0000024777	7/18/96
SC-04409-S-DU	URANIUM-238	5.10	0.93	2.80	PCI/G	2.52%	0.07	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2832DU		WP0102.0	7/22/96	0000028765	7/18/96
SC-04409-S-FR	URANIUM-238	7.39	1.030	2.420	PCI/G	34.23%	1.13	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2833		WP0102.0	7/22/96	0000028768	7/18/96
SC-04409-S-SD	URANIUM-238	6.24	1.27	0.15	PCI/G	17.61%	0.47	*	EML U-02	SOIL	RADIOCHEMICAL	1.00	9607176-06		TO0062.0	8/9/96	0000028766	7/18/96
SC-04506-C	URANIUM-238	ND		3.82	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2607		WP0091.0	6/26/96	0000024816	6/24/96
SC-04506-C-DU	URANIUM-238	ND		3.04	PCI/G	NOTE1	NOTE1	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2607DU		WP0091.0	7/26/96	0000028213	6/24/96
SC-04506-C-FR	URANIUM-238	ND		3.490	PCI/G	NOTE 1	NOTE 1	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2608		WP0091.0	6/26/96	0000028211	6/24/96
SC-04602-S	URANIUM-238	ND		3.80	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2701		WP0095.0	7/1/96	0000024821	6/27/96
SC-04602-S-FR	URANIUM-238	ND		2.830	PCI/G	NOTE 1	NOTE 1	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2702		WP0095.0	7/2/96	0000028335	6/27/96
SC-04602-S-SD	URANIUM-238	2.44	0.67	0.14	PCI/G	NOTE 1	NOTE 1	*	EML U-02	SOIL	RADIOCHEMICAL	1.00	9607176-07		TO0062.0	8/9/96	0000029125	6/27/96
SC-04605-S	URANIUM-238	ND		3.02	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2628		WP0091.0	6/26/96	0000024824	6/24/96
SC-04605-S-FR	URANIUM-238	ND		4.100	PCI/G	NOTE 1	NOTE 1	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2629		WP0091.0	6/26/96	0000028216	6/24/96
SC-04624-S	URANIUM-238	8.31	1.78	4.24	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2720		WP0095.0	7/3/96	0000027198	6/27/96
SC-04624-S-DU	URANIUM-238	7.20	1.68	2.94	PCI/G	14.31%	0.39	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2720DU		WP0095.0	8/16/96		6/27/96
SC-04702-S	URANIUM-238	ND		3.98	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2769		WP0100.0	7/18/96	0000024845	7/17/96
SC-04702-S-DU	URANIUM-238	ND		3.59	PCI/G	NOTE1	NOTE1	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2769DU		WP0100.0	7/18/96	0000028740	7/17/96
SC-04702-S-FR	URANIUM-238	ND		4.210	PCI/G	NOTE 1	NOTE 1	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2780		WP0100.0	7/18/96	0000028741	7/17/96
SC-04702-S-SD	URANIUM-238	2.34	0.62	0.17	PCI/G	NOTE 1	NOTE 1	*	EML U-02	SOIL	RADIOCHEMICAL	1.00	9607176-08		TO0062.0	8/9/96	0000028738	7/17/96
SC-04714-S	URANIUM-238	ND		2.84	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2800		WP0100.0	7/18/96	0000024857	7/17/96
SC-04714-S-DU	URANIUM-238	ND		2.95	PCI/G	NOTE1	NOTE1	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2800DU		WP0100.0	7/18/96	0000028744	7/17/96
SC-04714-S-FR	URANIUM-238	ND		2.760	PCI/G	NOTE 1	NOTE 1	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2801		WP0100.0	7/18/96	0000028746	7/17/96
SC-04714-S-SD	URANIUM-238	1.13	0.33	0.09	PCI/G	NOTE 1	NOTE 1	*	EML U-02	SOIL	RADIOCHEMICAL	1.00	9607176-09		TO0062.0	8/9/96	0000028743	7/17/96
SC-04825-S	URANIUM-238	ND		4.51	PCI/G	N/A	N/A	U	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2784		WP0099.0	7/16/96	0000024888	7/15/96
SC-04825-S-DU	URANIUM-238	ND		3.19	PCI/G	NOTE1	NOTE1	U	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2784DU		WP0099.0	7/16/96	0000028754	7/15/96
SC-04825-S-FR	URANIUM-238	ND		4.290	PCI/G	NOTE 1	NOTE 1	U	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2785		WP0099.0	7/16/96	0000028755	7/15/96
SC-04825-S-SD	URANIUM-238	1.84	0.48	0.06	PCI/G	NOTE 1	NOTE 1	*	EML U-02	SOIL	RADIOCHEMICAL	1.00	9607176-10		TO0062.0	8/9/96	0000028753	7/15/96
SC-04902-S	URANIUM-238	ND		4.00	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2656		WP0094.0	6/27/96	0000024896	6/26/96
SC-04902-S-DU	URANIUM-238	ND		4.07	PCI/G	NOTE1	NOTE1	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2656DU		WP0094.0	8/13/96	0000028258	6/26/96
SC-04902-S-FR	URANIUM-238	ND		3.950	PCI/G	NOTE 1	NOTE 1	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2657		WP0094.0	6/28/96	0000028259	6/26/96
SC-04902-S-SD	URANIUM-238	1.57	0.43	0.05	PCI/G	NOTE 1	NOTE 1	*	EML U-02	SOIL	RADIOCHEMICAL	1.00	9607176-11		TO0062.0	8/9/96	0000028262	6/26/96
SC-04910-S	URANIUM-238	ND		3.95	PCI/G	N/A	N/A	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2636		WP0092.0	6/26/96	0000024904	6/25/96
SC-04910-S-DU	URANIUM-238	ND		4.21	PCI/G	NOTE1	NOTE1	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2636DU		WP0092.0	8/8/96	0000028221	6/25/96
SC-04910-S-FR	URANIUM-238	ND		3.180	PCI/G	NOTE 1	NOTE 1	*	HASL300	SOIL	RADIOCHEMICAL	1.00	WSC2637		WP0092.0	6/26/96	0000028223	6/25/96

NOTE 1: The RPD/DER can not be calculated if the Parent or Quality Control Sample is non-detected

WSSRAP ID	PARAMETER	CONC	ERR	DL	UNITS	%RPD	DER	VAL QUAL	METHOD	MATRIX	CATEGORY	DIL	LAB ID	LAB QUAL	LAB REQU	DATE ANA	SAMPLINK	DATE SAM

LEGEND:

WSSRAP ID	WSSRAP IDENTIFICATION CODE
PARAMETER	PARAMETER THAT WAS ANALYZED
CONC	CONCENTRATION (NO = NON-DETECTED)
ERR	ANALYTICAL ERROR
DL	DETECTION LIMIT
UNITS	APPROPRIATE UNITS
%RPD	RELATIVE PERCENT DIFFERENCE
DER	DERIVED ERROR RATIO
VAL QUAL	VALIDATION QUALIFIER:
	A = DATA MEETING ALL QA/QC REQUIREMENTS. THE PARAMETER WAS ANALYZED FOR AND DETECTED.
	U = DATA MEETING ALL QA/QC REQUIREMENTS. THE PARAMETER WAS ANALYZED FOR BUT NOT DETECTED. IF A NUMBER IS INCLUDED WITH THE QUALIFIER, THE DL HAS BEEN RAISED TO THE LEVEL IN THE SAMPLE DUE TO BLANK CONTAMINATION
	J = DATA THAT ARE AN ESTIMATE OR ARE ADEQUATE FOR A SEMI-QUANTITATIVE ASSESSMENT.
	UJ = THE PARAMETER WAS ANALYZED FOR, BUT WAS NOT DETECTED. THE ASSOCIATED VALUE IS AN ESTIMATED QUANTITY.
	N = PRESUMPTIVE EVIDENCE OF PRESENCE OF PARAMETER WITH NO ESTIMATION OF QUANTITY.
	NJ = PRESUMPTIVE EVIDENCE OF PRESENCE OF PARAMETER AT AN ESTIMATED QUANTITY.
	DL = DETECTION LIMIT REQUIREMENTS HAVE NOT BEEN MET. DATA QUALITY OBJECTIVES MAY NOT BE MET.
	UI = UNCERTAIN IDENTIFICATION OF THE PARAMETER.
	JE = THE RADIOLOGICAL UNCERTAINTY IS AN ESTIMATED QUANTITY.
	R = DATA THE ATE UNUSABLE (PARAMETER MAY OR MAY NOT BE PRESENT).
	* = DATA THAT HAVE BEEN VALIDATED.
	V = DATA THAT DATA THAT CANNOT BE VALIDATED DUE TO MISSING LABORATORY INFORMATION.
	O = DATA THAT ARE ON HOLD
	X = DATA THAT CANNOT BE VALIDATED DUE TO MISSING LABORATORY INFORMATION.
METHOD	ANALYTICAL METHOD
MATRIX	SAMPLE MATRIX
CATEGORY	ANALYTICAL CATEGORY
DIL	DILUTION FACTOR
LAB ID	IDENTIFICATION GIVEN BY THE LAB
LAB QUAL	LABORATORY QUALIFIER
LAB REQU	LABORATORY REQUEST NUMBER
DATE ANA	DATE ANALYZED
SAMPLINK	SAMPLE LINK NUMBER
DATE SAM	DATE SAMPLED

NOTE 1: The RPD/DER can not be calculated if the Parent or Quality Control Sample is non-detected

APPENDIX H

Precision And Accuracy Comparison Tables

Appendix H Table H-1
Data Quality Requirement Goals for analytical data

Category	Analytical Parameter	Precision* (soil) RPD (%)	Precision* (soil) DER	Accuracy (soil) REC (%)	Precision* (water) RPD (%)	Precision* (water) DER	Accuracy (water) REC (%)
Radiological	Natrual Uranium, U-235, U-238	<= 50	1.00	+/- 30	<= 20	1.00	+/- 25
	Ra-226, Ra-228, Th-230, Th-232	<= 50	1.00	+/- 30	<= 20	1.00	+/- 25
	Gross Alpha, Gross Beta	<= 50	1.00	+/- 30	<= 20	1.00	+/- 25
Nitroaromatics	All	<= 35	N/A	+/- 25	<= 20	N/A	+/- 25
Anions	NO3, NO2, CL, F, SO4	<= 35	N/A	+/- 50	<= 20	N/A	+/- 25
Metals	All	<= 35	N/A	+/- 25	<= 20	N/A	+/- 25
Volitiles	All	<= 35	N/A	+/- 40	<= 20	N/A	+/- 25
Semi-Volatiles	All	<= 35	N/A	+/- 40	<= 20	N/A	+/- 25
PAHs	All	<= 35	N/A	+/- 40	<= 20	N/A	+/- 25
Pest/PCBs	All	<= 35	N/A	+/- 40	<= 20	N/A	+/- 25
All Others		<= 50	N/A	+/- 50	<= 20	N/A	+/- 25

* Not valid for values <= 5 * Detection Limit

Appendix H Table H-2
Comparison of Data Quality Requirement Goals With Matrix Duplicate Samples

Parameter	Number of Samples	Number of Detects	RPD Range	RPD Average	DER Range	DER Average	Evaluation and Summary of Detects
ARSENIC	16	15	0.0-52.9%	22.5%	N/A	N/A	2 PA OR DU <=5*DL, OR =ND
							12 PA & DU >5*DL, RPD<=35%
							2 PA & DU >5*DL, RPD >35%
CHROMIUM	15	15	0.9-26.2%	8.7%	N/A	N/A	0 PA OR DU <=5*DL, OR =ND
							15 PA & DU >5*DL, RPD<=35%
							0 PA & DU >5*DL, RPD >35%
LEAD	21	21	4.7-92.3%	24.7%	N/A	N/A	0 PA OR DU <=5*DL, OR =ND
							17 PA & DU >5*DL, RPD<=35%
							4 PA & DU >5*DL, RPD >35%
RADIUM-226	23	23	0.0-30.2%	9.0%	0.04-2.00	0.66	23 PA OR DU <=5*DL, OR =ND
							0 PA & DU >5*DL, RPD<=50%, DER <=1
							0 PA & DU >5*DL, RPD >50%, DER <=1
							0 PA & DU >5*DL, RPD <=50%, DER >1
							0 PA & DU >5*DL, RPD >50%, DER >1
RADIUM-228	24	22	0.6-30.0%	10.0%	0.12-5.5	1.30	24 PA OR DU <=5*DL, OR =ND
							0 PA & DU >5*DL, RPD<=50%, DER <=1
							0 PA & DU >5*DL, RPD >50%, DER <=1
							0 PA & DU >5*DL, RPD <=50%, DER >1
							0 PA & DU >5*DL, RPD >50%, DER >1
THALLIUM	5	4	2.2-62.5%	29.5%	N/A	N/A	5 PA OR DU <=5*DL, OR =ND
							0 PA & DU >5*DL, RPD<=35%
							0 PA & DU >5*DL, RPD >35%
THORIUM-230	24*	22	1.4-182.3%	30.0%	0.02-4.65	0.96	11 PA OR DU <=5*DL, OR =ND
							7 PA & DU >5*DL, RPD<=50%, DER <=1
							2 PA & DU >5*DL, RPD >50%, DER <=1
							1 PA & DU >5*DL, RPD <=50%, DER >1
							1 PA & DU >5*DL, RPD >50%, DER >1
URANIUM-238	39	12	1.3-25.3%	10.0%	0.46-4.57	2.52	38 PA OR DU <=5*DL, OR =ND
							1 PA & DU >5*DL, RPD<=50%, DER <=1
							0 PA & DU >5*DL, RPD >50%, DER <=1
							0 PA & DU >5*DL, RPD <=50%, DER >1
							0 PA & DU >5*DL, RPD >50%, DER >1

*Two Thorium-230 samples were rejected by Data Validation and are not included in this table

PA = RESPECTIVE PARENT SAMPLE
DU = MATRIX DUPLICATE SAMPLE
DER = DUPLICATE ERROR RATIO
RPD = RELATIVE PERCENT DIFFERENCE
DL = DETECTION LIMIT

Appendix H Table H-3
Comparison of Data Quality Requirement Goals with Secondary Duplicate samples

Parameter	Number of Samples	Number of Detects	RPD Range	RPD Average	DER Range	DER Average	Evaluation and Summary of Detects
AROCLOR-1248	22	0	0.0-0.0%	0.0%	N/A	N/A	22 PA OR SD <=5*DL, OR =ND
							0 PA & SD >5*DL, RPD<=35%
							0 PA & SD >5*DL, RPD >35%
AROCLOR-1254	22	1	0.0-0.0%	0.0%	N/A	N/A	22 PA OR SD <=5*DL, OR =ND
							0 PA & SD >5*DL, RPD<=35%
							0 PA & SD >5*DL, RPD >35%
AROCLOR-1260	22	0	0.0-0.0%	0.0%	N/A	N/A	22 PA OR SD <=5*DL, OR =ND
							0 PA & SD >5*DL, RPD<=35%
							0 PA & SD >5*DL, RPD >35%
ARSENIC	15	15	16.5-98.9%	55.5%	N/A	N/A	5 PA OR SD <=5*DL, OR =ND
							1 PA & SD >5*DL, RPD<=35%
							9 PA & SD >5*DL, RPD >35%
CHROMIUM	14	14	2.7-50.1%	22.1%	N/A	N/A	11 PA OR SD <=5*DL, OR =ND
							3 PA & SD >5*DL, RPD<=35%
							0 PA & SD >5*DL, RPD >35%
LEAD	20	20	0.7-98.2%	28.8%	N/A	N/A	4 PA OR SD <=5*DL, OR =ND
							10 PA & SD >5*DL, RPD<=35%
							6 PA & SD >5*DL, RPD >35%
RADIUM-226	8	8	3.6-57.2%	30.9%	0.07-2.05	0.77	7 PA OR SD <=5*DL, OR =ND
							1 PA & SD >5*DL, RPD<=50%, DER <=1
							0 PA & SD >5*DL, RPD >50%, DER <=1
							0 PA & SD >5*DL, RPD <=50%, DER >1
							0 PA & SD >5*DL, RPD >50%, DER >1
RADIUM-228	8	8	35.9-124.5	73.1%	0.31-1.66	0.76	8 PA OR SD <=5*DL, OR =ND
							0 PA & SD >5*DL, RPD<=50%, DER <=1
							0 PA & SD >5*DL, RPD >50%, DER <=1
							0 PA & SD >5*DL, RPD <=50%, DER >1
							0 PA & SD >5*DL, RPD >50%, DER >1
THALLIUM	5	0	0.0-0.0%	0.0%	N/A	N/A	5 PA OR SD <=5*DL, OR =ND
							0 PA & SD >5*DL, RPD<=35%
							0 PA & SD >5*DL, RPD >35%
THORIUM-230	27*	24	5.2-162.7%	65.0%	0.10-3.78	1.62	21 PA OR SD <=5*DL, OR =ND
							2 PA & SD >5*DL, RPD<=50%, DER <=1
							0 PA & SD >5*DL, RPD >50%, DER <=1
							0 PA & SD >5*DL, RPD <=50%, DER >1
							2 PA & SD >5*DL, RPD >50%, DER >1
URANIUM-238	18	18	17.6-75.9%	40.8%	0.34-2.71	1.08	18 PA OR SD <=5*DL, OR =ND
							0 PA & SD >5*DL, RPD<=50%, DER <=1
							0 PA & SD >5*DL, RPD >50%, DER <=1
							0 PA & SD >5*DL, RPD <=50%, DER >1
							0 PA & SD >5*DL, RPD >50%, DER >1

*Two Thorium-230 samples were rejected by Data Validation and are not included in this table

PA = RESPECTIVE PARENT SAMPLE
SD = SECONDARY DUPLICATE SAMPLE
DER = DUPLICATE ERROR RATIO
RPD = RELATIVE PERCENT DIFFERENCE
DL = DETECTION LIMIT

Appendix H Table H-4
Comparison of Data Quality Requirement Goals with Field Replicate Samples

Parameter	Number of Samples	Number of Detects	RPD Range	RPD Average	DER Range	DER Average	Evaluation and Summary of Detects
AROCLOR-1248	22	0	0.0-0.0%	0.0%	N/A	N/A	22 PA OR FR <=5*DL, OR =ND
							0 PA & FR >5*DL, RPD<=35%
							0 PA & FR >5*DL, RPD >35%
AROCLOR-1254	22	1	0.0-0.0%	0.0%	N/A	N/A	22 PA OR FR <=5*DL, OR =ND
							0 PA & FR >5*DL, RPD<=35%
							0 PA & FR >5*DL, RPD >35%
AROCLOR-1260	22	1	0.0-0.0%	0.0%	N/A	N/A	22 PA OR FR <=5*DL, OR =ND
							0 PA & FR >5*DL, RPD<=35%
							0 PA & FR >5*DL, RPD >35%
ARSENIC	15	14	1.6-58.8%	25.3%	N/A	N/A	1 PA OR FR <=5*DL, OR =ND
							10 PA & FR >5*DL, RPD<=35%
							4 PA & FR >5*DL, RPD >35%
CHROMIUM	14	14	0.0-26.4%	7.8%	N/A	N/A	0 PA OR FR <=5*DL, OR =ND
							14 PA & FR >5*DL, RPD<=35%
							0 PA & FR >5*DL, RPD >35%
LEAD	20	20	2.5-123.7%	26.3%	N/A	N/A	0 PA OR FR <=5*DL, OR =ND
							16 PA & FR >5*DL, RPD<=35%
							4 PA & FR >5*DL, RPD >35%
RADIUM-226	20	20	0.0-46.0%	11.6%	0.0-2.38	0.67	20 PA OR FR <=5*DL, OR =ND
							0 PA & FR >5*DL, RPD<=50%, DER <=1
							0 PA & FR >5*DL, RPD >50%, DER <=1
							0 PA & FR >5*DL, RPD <=50%, DER >1
							0 PA & FR >5*DL, RPD >50%, DER >1
RADIUM-228	21	18	0.0-28.6%	14.1%	0.0-1.27	0.62	21 PA OR FR <=5*DL, OR =ND
							0 PA & FR >5*DL, RPD<=50%, DER <=1
							0 PA & FR >5*DL, RPD >50%, DER <=1
							0 PA & FR >5*DL, RPD <=50%, DER >1
							0 PA & FR >5*DL, RPD >50%, DER >1
THALLIUM	5	5	5.7%-64.7	29.2%	N/A	N/A	5 PA OR FR <=5*DL, OR =ND
							0 PA & FR >5*DL, RPD<=35%
							0 PA & FR >5*DL, RPD >35%
THORIUM-230	22*	20	0.8-172.9%	30.9%	.03-18.5	1.64	9 PA OR FR <=5*DL, OR =ND
							7 PA & FR >5*DL, RPD<=50%, DER <=1
							1 PA & FR >5*DL, RPD >50%, DER <=1
							0 PA & FR >5*DL, RPD <=50%, DER >1
							3 PA & FR >5*DL, RPD >50%, DER >1
URANIUM-238	34	6	17.7-111.9	54.9%	0.31-3.82	1.91	34 PA OR FR <=5*DL, OR =ND
							0 PA & FR >5*DL, RPD<=50%, DER <=1
							0 PA & FR >5*DL, RPD >50%, DER <=1
							0 PA & FR >5*DL, RPD <=50%, DER >1
							0 PA & FR >5*DL, RPD >50%, DER >1

*Two Thorium-230 samples were rejected by Data Validation and are not included in this table

PA = RESPECTIVE PARENT SAMPLE
FR = FIELD REPLICATE SAMPLE
DER = DUPLICATE ERROR RATIO
RPD = RELATIVE PERCENT DIFFERENCE
DL = DETECTION LIMIT

Appendix H Table H-5
Comparison of Data Quality Requirement Goals with Matrix Spike Duplicate Samples

Parameter	Number of		RPD		DER		Evaluation and Summary of Detects
	Samples	Detects	Range	Average	Range	Average	
AROCLOR-1260	25	25	0.0-64.5	6.3%	N/A	N/A	18 PA OR MD <=5*DL, OR =ND
							7 PA & MD >5*DL, RPD<=35%
							0 PA & MD >5*DL, RPD >35%
BENZO(A)PYRENE	1	1	5.5-5.5%	5.5%	N/A	N/A	1 PA OR MD <=5*DL, OR =ND
							0 PA & MD >5*DL, RPD<=35%
							0 PA & MD >5*DL, RPD >35%
THORIUM-230	1	1	4.0-4.0%	4.0%	0.10-0.10	0.10	0 PA OR MD <=5*DL, OR =ND
							1 PA & MD >5*DL, RPD<=50%, DER <=1
							0 PA & MD >5*DL, RPD >50%, DER <=1
							0 PA & MD >5*DL, RPD <=50%, DER >1
							0 PA & MD >5*DL, RPD >50%, DER >1

PA = RESPECTIVE PARENT SAMPLE
MD = MATRIX SPIKE DUPLICATE SAMPLE
DER = DUPLICATE ERROR RATIO
RPD = RELATIVE PERCENT DIFFERENCE
DL = DETECTION LIMIT

Appendix H Table H-6
Comparison of Data Quality Requirement Goals with Matrix Spike Samples

PARAMETER	Number of		REC		Evaluation and
	Samples	Detects	Range	Average	Summary of Detects
AROCLOR-1260	25	25	75.0-140%	98.8%	25 REC +/- 40%
					0 REC > +/- 40%
ARSENIC	16	16	80.6-105.0%	99.4%	16 REC +/- 25%
					0 REC > +/- 25%
BENZO(A)PYRENE	1	1	85.0-85.0%	85.0%	1 REC +/- 40%
					0 REC > +/- 40%
CHROMIUM	15	15	89.0-120.7%	98.9%	15 REC +/- 25%
					0 REC > +/- 25%
LEAD	21	21	72.0-108%	93.7%	20 REC +/- 25%
					1 REC > +/- 25%
THALLIUM	5	5	89.0-96.6%	92.4%	5 REC +/- 25%
					0 REC > +/- 25%
THORIUM-230	16*	14	0.7-130.0%	92.9%	13 REC +/- 30%
					1 REC > +/- 30%

*Two Thorium-230 samples were rejected by data Validation and are not included in the is table