CDM Smith

Memorandum

To: *John Jones, Stephanie Jennings*

From: *Teddy Marcum, Cherie Zakowski*

Date: *September 25, 2015*

Subject: *Draft Evaluation of Radionuclide Risk in Selected Areas of the Santa Susana Field Laboratory (SSFL)*

This memorandum describes the methodology used and the results of the risk evaluation for exposure to radionuclides in surface soil for four subareas of Area IV at the Santa Susana Field Laboratory (SSFL). This evaluation addresses soil contaminated by radionuclides at the Radioactive Material Handling Facility (RMHF), the Sodium Reactor Experiment (SRE) area, the New Conservation Yard (NCY) and Building 4064, and the 17th Street Pond area.

In brief, preliminary remediation goals (PRGs) were estimated for all radionuclides that were detected on-site above Field Action Levels (FAL) using the RESRAD (RESidual RADioactivity) on-site model version 7.0, developed by the U.S. Department of Energy (DOE). Input parameters to the RESRAD model are adjusted to be consistent with the assumptions developed for the suburban resident scenario presented in the *Final Standardized Risk Assessment Methodology (SRAM) Rev.2. Addendum* (MWH 2014) in conjunction with the unrevised portions of the *SRAM Rev.2* (MWH 2005). PRGs for each radionuclide represent soil concentrations that would result in a maximum dose of 25 millirem per year (mrem/year).

PRGs were developed for the nine process-related radionuclides exceeding FALs identified by EPA as part of its soils investigation. Radionuclides identified include: Cesium-137, Strontium-90, Plutonium-239/240, Cobalt-60, Europium-152, Plutonium-238, Americium-241, Curium-243/244, and Nickel-59. Of these radionuclides the majority of the detections were from Cesium-137, Strontium-90, and Plutonium-239/240. In addition, an evaluation was conducted for other radionuclides that are part of the uranium and thorium natural decay chains, although for most areas these radionuclides are not found above background levels but were included to evaluate impacts from background. Nickel-59 was only reported once above the FAL and was not further evaluated in this memorandum.

Based on this analysis, only one of the exposure areas evaluated (NCY and Building 4064) was found to represent a concern for exposure to radionuclides in soil for a hypothetical suburban resident. Elevated risks were due to a hotspot of Cesium-137; once the hotspot was removed from the dataset, risks were within acceptable levels.

The following sections briefly summarize:

- The RESRAD Methodology used to determine PRGs
- The sum- of- fractions risk assessment methodology used to evaluate the magnitude of cumulative risk for an exposure area
- Results of the assessment for each exposure area

RESRAD METHODOLOGY

The RESRAD model and computer code was developed as a multifunctional tool to assist in developing cleanup criteria and assessing the dose or risk associated with residual radioactive material. RESRAD 7.0 represents the seventh major version of the RESRAD code since it was first issued in 1989. Since that time, DOE, its operations and area offices, and its contractors, have used RESRAD widely.

For this assessment the RESRAD onsite model version 7.0 was used to determine the concentration of radionuclides of concern in soil that would result in a maximum dose of 25 mrem per year for a hypothetical future onsite suburban resident. This assessment uses assumptions consistent with those used in the SRAM to the extent possible. The chemical risk assessment methodology presented in the SRAM and the RESRAD model use different methods to estimate risk; therefore, there are some limitations to parameters in RESRAD which can be adjusted to be consistent with the SRAM. For example, in the chemical risk assessment, the methodology used to evaluate inhalation exposure follows the recommended guidance presented in the *Supplemental Guidance for Inhalation Risk Assessment or Part F of Volume 1 of the Risk Assessment Guidance for Superfund, Human Health Evaluation Manual (RAGS PART F)* whereas RESRAD uses the methodology from RAGS PART A.

RESRAD Assumptions

The pathway analysis for deriving site-specific soil concentration guidelines from a dose limit has four parts: (1) source analysis, (2) environmental transport analysis, (3) dose/exposure analysis, and (4) scenario analysis. Important assumptions for each of these components are discussed below and are summarized in Table 1. RESRAD default values for major parameters in the model, corresponding SRAM values, and site-specific values used in RESRAD in this analysis are also shown on Table 1 for comparison purposes.

Source Analysis and Environmental Transport Analysis

Source analysis addresses the problem of deriving the source terms that determine the rate at which residual radioactivity is released into the environment. This rate is determined by the geometry of the contaminated zone, the concentrations of the radionuclides present, the ingrowth and decay rates of the radionuclides, and the removal rate by erosion and leaching.

For this analysis the contaminated zone was assumed to be a 10,000 square meter (m^2) exposure area or about 2.5 acres. The thickness of the contaminated zone was assumed to be 0.5 meters (m) and the cover thickness was assumed to be zero. This supposition assumes that radionuclide distributions are uniform throughout the contaminated zone which is not the actual site condition within each exposure area. Default RESRAD values were used for the contaminated zone erosion rate and hydrological and soil parameters affecting leaching rates.

Environmental transport analysis addresses the problem of (1) identifying environmental pathways by which radionuclides can migrate from the source to a human exposure location and (2) determining the migration rate along these pathways. RESRAD default transport factors were assumed.

Dose/Exposure Analysis

Dose/exposure analysis addresses the problem of the derivation of dose conversion factors for the radiation dose that will be incurred by exposure to ionizing radiation.

PRGs were determined using a conservative basic radiation dose limit of 25 mrem/yr based on federal regulations. Both DOE and the Nuclear Regulatory Commission (NRC) use 25 mrem/year as the general limit or constraint for soil cleanup or site decontamination. EPA regulations in 40 CFR 190 set limits of 0.25 millisievert (mSv/yr)(25 mrem/yr) on nuclear plant operation, in 40 CFR 141-142 a standard of 40 μSv/yr (4 mrem/yr) from drinking water is specified, and in 40 CFR 61 limits of 0.1 mSv/yr (10 mrem/yr) from airborne emissions are set. The total effective dose to individual members of the public from all pathways and sources (except radon and its short-lived progeny) should not exceed 100 mrem in a year exclusive of the dose from background radiation or medical administration. The average radiation dose to an individual in the United States is about 360 mrem/yr (EPA, 2005). On average, 80 percent of that exposure comes from natural sources including cosmic radiation, terrestrial radiation from natural radioactive materials in rocks, soil, and minerals and radiation from food and water.

The parameters that determine the severity and duration of human exposure at a given location are determined by patterns of human activity identified in exposure scenarios. There are three major exposure pathways by which radionuclides enter the body: external radiation; inhalation; and ingestion. The exposure scenario used to determine PRGs in this assessment was a future suburban resident scenario. Only exposures to radionuclides in soil were evaluated. Exposure pathways assumed to be complete for the suburban resident included: external gamma radiation; soil ingestion; and inhalation of dusts. Ingestion of plants, meat, milk, and fish grown or raised on-site and drinking water exposure pathways were not considered complete and thus were not included in the PRG estimation.

The SRAM presents parameters for both reasonable maximum exposures (RME) and central tendency exposures (CTE) and recommends that both be calculated for risk assessments. For this analysis only RME exposure assumptions are used. RME represents an exposure well above the average but still within the upper range of those possible (USEPA 1989). The suburban resident is

assumed to spend 30 years on-site beginning in early childhood (0 to 6 years) to adulthood (24 years). Exposure parameters (e.g. exposure time, exposure fractions, inhalation rates, and soil ingestion rates) for a resident are time weighted averages to account for differences in exposure behaviors between children and adults. For example, young children tend to ingest more soil per body weight than adults and therefore have higher exposures. Exposure assumptions (e.g. soil ingestion rates, inhalation rates, exposure time, shielding factors, etc.) for all exposure pathways evaluated in this analysis are shown on Table 1.

PRGs determined for the radionuclides of concern are shown on Table 2.

Sum-of-fractions Risk Assessment Methodology

The magnitude of risk was determined using a 'sum-of-fractions' approach. In this approach the soil exposure point concentration for each radionuclide of concern is divided by its PRG developed in RESRAD. Where the soil concentration is less than its PRG, the resulting value (fraction) is less than 1. Where the soil concentration is greater than its PRG, the resulting value is greater than 1. The resulting values for each radionuclide within an exposure area are then summed (sum- of-fractions) to estimate the magnitude of the total risk. A sum-of- fractions value less than one indicates that risks associated with exposure to radionuclides in soil are not a concern based on the assumptions used in this analysis. If the sum-of- fractions was greater than one, additional analysis was performed. The additional steps included determining the radionuclide(s) responsible for the unacceptable risk and removing the samples above the PRG and reevaluating the sum-of- fractions to determine if the removal of soil with elevated concentrations of radionuclides results in an acceptable risk.

The concentration term used in the sum-of-fractions approach is the arithmetic average of the concentration that is contacted at the exposure point or points over the exposure period. This average is often estimated using the 95% upper confidence limit (95% UCL) of the mean. Use of the 95% UCL helps ensure that the actual average concentration is not underestimated. The choice of the arithmetic mean as an appropriate statistic for characterizing exposure at an exposure point is based on the assumption of random exposure within the exposure area. Exposure point concentrations used in the sun-of-fraction approach were estimated for each radionuclide from all acceptable soil radionuclide data collected within each exposure area for soil depths from 0 to 0.5 meters below ground surface. Exposure point concentration values used in the analysis included the average of the detected concentrations and the 95th UCL of the dataset. Data qualified as rejected were not used in the exposure point concentration estimates. For data that were reported as not-detected with negative results, the minimal detection concentration (MDC) was used as the value in the 95th UCL calculation. For values reported as detected but with a negative value, the highest FAL was used. Estimated exposure point concentrations are shown on tables (Tables 3 through 6) by exposure area.

Results of the Risk Evaluation

Results of the risk evaluation are summarized by area below.

Radioactive Material Handling Facility (RHMF) Exposure Area

Summary statistics for data used in the evaluation of the RHMF exposure area are shown in Table 3. Soil sample locations are shown in Figure 1. As seen in Table 3, the sum-of-fractions for all radionuclides detected above the FAL in the RMHF exposure area is an order of magnitude below 1 based on both the average detected concentration and the 95th UCL which incorporates non-detects into the exposure point concentration. These results suggest that exposure to radionuclides in soil for a hypothetical future suburban resident is not above a level of concern in the RHMF exposure area under the assumed exposure conditions.

Sodium Reactor Experiment (SRE) Exposure Area

Summary statistics for data used in the evaluation of the SRE exposure area are shown in Table 4. Soil sample locations are shown in Figure 2. As seen in Table 4, the sum-of-fractions for all radionuclides detected above the FAL in the SRE exposure area are below 1 based on both the average detected concentration and the 95th UCL. The sum-of-fractions ratio approaches one based on the 95th UCL primarily due to exposure to Cs-137. These results suggest that exposure to radionuclides in soil for a hypothetical future suburban resident is not above a level of concern in the SRE exposure area under the assumed exposure conditions.

New Conservation Yard (NCY) and Building 4064

Summary statistics for data used in the evaluation of the NCY and Building 4064 exposure area are shown in Table 5. Soil sample locations are shown in Figure 3. As seen in Table 5, the sum-of-fractions for all radionuclides detected above the FAL in the NCY and Building 4064 are below one based on the average detected concentration, but above one based on the 95th UCL. Typically the 95th UCL represents the best estimate of true mean; however, because there is an outlier (one location hotspot of Cs-137) included in the dataset that was used to estimate the 95th UCL the UCL is skewed to two orders of magnitude higher than the average detected concentration. Once values of Cs-137 greater than the PRG are removed, risks for a hypothetical future suburban resident are not above a level of concern under the assumed exposure conditions.

17th Street Pond

Summary statistics for data used in the evaluation of the 17th Street Pond are shown in Table 6. Soil sample locations are shown in Figure 4. As seen in Table 6 the sum-of-fractions for all radionuclides detected above the FAL in the 17th Street Pond exposure area are two orders of magnitude below 1 based on both the average detected concentration and the 95th. These results suggest that exposure to radionuclides in soil for a hypothetical future suburban resident is not above a level of concern in the 17th Street Pond exposure area under the assumed exposure conditions.

Uranium and Thorium Decay Chains

Natural uranium and thorium decay chains contribute a majority of on-site radiological impacts. EPA determined in its site survey that results greater than the lookup tables (LUT) values were from natural background sources (EPA 2012); however, the variability in the natural background from location to location is significant and may mask incremental impacts from site-related radionuclides. An evaluation was performed of samples that exceeded radiological trigger levels (RTLs) to identify which soil samples also exceed PRG values for uranium and thorium decay series radionuclides and which samples appear to be Naturally Occurring Radioactive Materials (NORM) in origin and which appear to be site-related. Table 7 summarizes these data and includes data from multiple exposure areas. Soil sample locations are shown in Figure 5. As seen in Table 7 all concentrations are below PRGs. Although some samples appear to be site-related, exposure to these radionuclides would be below a level of concern based on the exposure pathways evaluated for the suburban resident.

Summary

This assessment used the onsite RESRAD model to estimate PRGs for radionuclides detected on-site in soil above FALs. PRGs were based on the suburban residential scenario using assumptions consistent with those presented in the SRAM. Risk associated with radionuclide soil contamination for four subareas of Area IV including the RMHF, the SRE, the NCY and Building 4064, and the 17th Street Pond area was evaluated using the sum-of-fractions approach. The assessment found that exposure to radionuclides in soil for a hypothetical future suburban resident are not above a level of concern for any exposure area under the assumed exposure conditions based on the arithmetic mean exposure point concentration. For the NCY and Building 4064 exposure area the sum-of-fractions was above one based on the 95th UCL. After concentrations of Cs-137 above the PRG were removed the sun-of-fractions was below one.

Because an assessment was not conducted for the entirety of Area IV/NBZ, results from example areas will be extrapolated to estimate risk-based cleanup in a future memorandum.

Table of Contents

References

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USEPA.2012. *Final Radiological Characterization of Soils, Area IV and the Northern Buffer Zone, Area IV Radiological Study, Santa Susana Field Laboratory, Ventura County, California*, Prepared for EPA by HydroGeoLogic, Inc. December 21, 2012.

Table 1 Summary of Parameters for Radionuclide PRG Calculation
Santa Susana Field Laboratory

Parameter	Units	RESRAD Default Value	SRAM Value	RESRAD Site Specific Values Used	Rationale
Contaminated Zone					
Area of contaminated zone	m^2	100,000	Dependent on assumed exposure area	10,000	Area assumed to conservatively represent Residential Conditions
Thickness of contaminated zone	m	2	Considered all Depths	0.5	Typical contamination depth based on sampling data
Fraction of contamination that is submerged	unitless	0	NA	0	RESRAD Default
Length parallel to aquifer flow	m	100	NA	100	Not applicable to pathways used
Basic radiation dose limit	mrem/yr	25	NA	25	DOE Maximum Guideline level
Time since placement of material	yr	0	NA	0	No decay was assumed. Ingrowth of Natural Decay daughters will have to be handled separately
Times for calculation	yr	0, 1, 30, 100, 300, 1000	NA	0	The zero time was used to represent current conditions. Ingrowth daughters will have to be calculated separately. 100 yr loss of institutional control will also have to be calculated separately
Cover and Contaminated Zone Hydrological Data					
Initial principal radionuclide	pCi/g	area-specific	area-specific	area-specific	All radionuclides exceeding FALs by subarea
Concentration in groundwater	pCi/L	not- used	not- used	not- used	Not applicable to pathways used
Cover depth	m	0	NA	0	no cover assumed
Density of cover material	g/cm^3	1.5	1.5	not- used	no cover assumed
Cover erosion rate	m/yr	0.001	NA	not- used	no cover assumed
Density of contaminated zone	g/cm^3	1.5	1.5	1.5	RESRAD Default
Contaminated zone erosion rate	m/yr	0.001	0	0.001	Not applicable to 0 time
Contaminated zone total porosity	unitless	0.4	0.43	0.4	Not applicable to pathways used and 0 time
Contaminated zone field capacity	unitless	0.2	NA	0.2	Not applicable to pathways used and 0 time
Contaminated zone hydraulic conductivity	m/yr	10	NA	10	Not applicable to pathways used and 0 time
Contaminated zone b parameter	unitless	5.3	NA	5.3	Not applicable to pathways used and 0 time
Average annual wind speed	m/sec	2	4.69 (EPA 2001 Soil Screening Guidance default for default PEF)	2	RESRAD Default SRAM PEF value used for mass loading
Humidity in air (g/m**3)	g/m^3	8	NA	8	RESRAD Default
Evapotranspiration coefficient	unitless	0.5	NA	NA	Not applicable to pathways used
Precipitation	m/yr	1	NA	NA	Not applicable to pathways used
Irrigation rate	m/yr	0.2	NA	NA	Not applicable to pathways used
Irrigation mode	unitless	overhead	NA	NA	Not applicable to pathways used
Runoff coefficient	unitless	0.2	NA	NA	Not applicable to pathways used
Watershed area for nearby stream or pond	m2	1.00E+06	NA	NA	Not applicable to pathways used
Accuracy for water/soil computations	unitless	1.00E-03	NA	NA	Not applicable to pathways used
Exposure Assumptions					
Exposure Duration	years	30	30 (24 adult. 6 child)	30 (24 adult. 6 child)	time weighted child/adult
Fraction of time spent indoors	unitless	0.5	NA	0.639	SRAM assumption of total 24 hours/day, 350 days per year with RESRAD default indoor/outdoor ratio applied
Fraction of time spent outdoors	unitless	0.25	NA	0.32	SRAM assumption of total 24 hours/day 350 days per year with RESRAD default indoor/outdoor ratio applied
Exposure Time	hr/day	18	24 (350 day/yr)	adjusted	Fraction of time above corrected for SRAM 24 hours/day, 350 days per year
Shielding factor, external gamma	unitless	0.7	NA	0.7	RESRAD Default
Shape factor flag, external gamma	unitless	1	NA	1	RESRAD Default
Inhalation					
Inhalation Rate	m^3/year	8400	0.55 / 0.35 m^3 per hour	4468	SRAM time weighted child/adult
Mass loading for Inhalation	g/m^3	0.0001	1.36E+09 mg^3/kg	7.35E-07	Based on SRAM PEF
Shielding factor, inhalation	unitless	0.4	NA	0.4	RESRAD Default
Soil Ingestion					
Soil ingestion rate	g/yr	36.5		NA	Adult
Soil ingestion rate -adult	mg/day	NA	100	NA	Adult
Soil ingestion rate -child	mg/day	NA	200	NA	Child
Soil ingestion rate -time weighted average	g/yr	NA	43.8	43.8	SRAM time weighted child/adult
Fruit and Vegetable Ingestion					
Fruits, vegetables and grain consumption	kg/yr	160	Not grouped the same	NA	Not applicable to pathways used
Leafy vegetable consumption	kg/yr	14	Not grouped the same	NA	Not applicable to pathways used
Fruit ingestion rate	kg/day	NA	0.3773(adult), 0.08145(child)	NA	Not applicable to pathways used
Fruit ingestion rate, time weighted average	kg-year/kg-day	NA	0.1619	NA	Not applicable to pathways used
Vegetable ingestion rate	kg/day	NA	0.3248(adult), 0.0849(child)	NA	Not applicable to pathways used
Vegetable ingestion rate, time weighted average	kg-year/kg-day	NA	0.1453	NA	Not applicable to pathways used
Contamination fraction of plant food	unitless	0.5	1	NA	Not applicable to pathways used
Mass loading for foliar deposition	g/m^3	0.0001	0.26 ?	NA	Not applicable to pathways used
Depth of soil mixing layer	m	0.15	NA	NA	Not applicable to pathways used
Depth of roots	m	0.9	NA	NA	Not applicable to pathways used
Irrigation fraction from groundwater	unitless	1	NA	NA	Not applicable to pathways used
				NA	Not applicable to pathways used
Summary of Pathway Selections					
External gamma		active	complete	active	Not applicable to pathways used
Inhalation (w/o radon)		active	complete	active	Not applicable to pathways used
Plant ingestion		active	complete	suppressed	Not applicable to pathways used
Meat ingestion		active	incomplete	suppressed	Not applicable to pathways used
Milk ingestion		active	incomplete	suppressed	Not applicable to pathways used
Aquatic foods		active	incomplete	suppressed	Not applicable to pathways used
Drinking water		active	incomplete	suppressed	Not applicable to pathways used
Soil ingestion		active	complete	active	Not applicable to pathways used
Radon		suppressed	incomplete	suppressed	Not applicable to pathways used

Notes:
NA = Not Applicable or Not Available

Table 2 Summary of Preliminary Remediation Goals Estimated in RESRAD

Santa Susana Field Laboratory

Radionuclide	PRG (pCi/g)
Americium-241	399
Curium-233/244	56.3
Cobalt-60	2.29
Cesium-137	10.3
Europium-152	5.7
Plutonium-238	698
Plutonium-239/240	638
Strontium-90	1150
Uranium-238	233
Uranium-235/236	44.8
Uranium -233/234	2670
Thorium-232	70.5

Notes:

PRG based on Basic Remediation Dose of 25 millirem (mrem) per year

Exposure Pathways Included: external, soil ingestion, and inhalation of dust

Table 3 Summary of RMHF Surface Soil Samples ***DRAFT***

Santa Susana Field Laboratory

Radionuclide	SRAM PRG - RESRAD 25 mrem (RME) (pCi/g)	Number of Detects	Number of Samples	Frequency of Detection	Minimum Detected Concentration (pCi/g)	Maximum Detected Concentration (pCi/g)	Average Detected Concentration (pCi/g)	Arithmetic Mean (Detects + Non-detects)	95th UCL	Basis of UCL	Risk Ratio Based on Mean of Detects	Risk Ratio Based on UCL
Americium-241	399	17	31	55	0.00199	0.0249	0.0123	0.0126	0.0111	UCL-NP	3.08E-05	2.78E-05
Curium-233/244	56.3	12	31	39	0.00378	0.0161	0.00857	0.0070	0.00566	UCL-NP	1.52E-04	1.01E-04
Cobalt-60	2.29	5	47	11	0.0097	0.0264	0.0185	0.0113	0.00427	UCL-NP	8.08E-03	NC
Cesium-137	10.3	47	47	100	0.0196	6.59	0.999	0.9994	1.393	UCL-Gamma	9.70E-02	1.35E-01
Europium-152	5.7	1	47	2	0.0222	0.0222	0.0222	0.0416	NC	NA	3.89E-03	NC
Plutonium-238	698	8	31	26	0.00227	0.0153	0.00739	0.0131	0.00582	UCL-NP	1.06E-05	8.34E-06
Plutonium-239/240	638	20	31	65	0.0025	0.0252	0.0112	0.0105	0.0105	UCL-NP	1.76E-05	1.65E-05
Strontium-90	1150	28	44	64	0.138	14.3	1.368	0.9319	2.442	UCL-NP	1.19E-03	2.12E-03
										Sum of Fractions	**0.1**	**0.1**

Notes:

NA = Not Applicable

NC= Not Calculated

95th UCL = 95th Upper Confidence Limit

UCL-NP = Upper Confidence Limit , non-parametric

Table 4 Summary of SRE Surface Soil Samples ***DRAFT***

Santa Susana Field Laboratory

Radionuclide	SRAM PRG - RESRAD 25 mrem (RME) (pCi/g)	Number of Detects	Number of Samples	Frequency of Detection	Minimum Detected Concentration (pCi/g)	Maximum Detected Concentration (pCi/g)	Average Detected Concentration (pCi/g)	Arithmetic Mean (Detects + Non-detects)[1]	95th UCL	Basis of UCL	Risk Ratio Based on Mean of Detects	Risk Ratio Based on UCL
Americium-241	399	18	33	55	0.00203	0.0223	0.00961	0.0089	0.0083	UCL-NP	2.41E-05	2.08E-05
Curium-233/244	56.3	7	33	21	0.00259	0.0103	0.00632	0.0071	0.00379	UCL-NP	1.12E-04	6.73E-05
Cobalt-60	2.29	5	46	11	0.00668	0.048	0.017	0.0088	0.00495	UCL-NP	7.42E-03	2.16E-03
Cesium-137	10.3	42	46	91	0.0105	46.4	2.591	2.3670	9.463	UCL-NP	2.52E-01	9.19E-01
Europium-152	5.7	2	46	4	0.0242	0.0325	0.0284	0.0412	0.0133	UCL-NP	4.98E-03	2.33E-03
Plutonium-238	698	3	34	9	0.0423	0.0119	0.00704	0.0168	0.00399	UCL-NP	1.01E-05	5.72E-06
Plutonium-239/240	638	15	34	44	0.00279	0.0515	0.0126	0.0117	0.0131	UCL-Gamma	1.97E-05	2.05E-05
Strontium-90	1150	17	40	43	0.077	21.3	1.717	0.8058	1.804	UCL-NP	1.49E-03	1.57E-03
										Sum of Fractions	**0.3**	**0.9**

Notes:

[1] Arithmetic average includes negative non-detect results replaced with minimum detection limit(MDC)

NA = Not Applicable

NC= Not Calculated

95th UCL = 95th Upper Confidence Limit

UCL-NP = Upper Confidence Limit , non-parametric

Table 5 Summary of NCY & Bldg 4064 Suface Soil Samples ***DRAFT***

Santa Susana Field Laboratory

Radionuclide	SRAM PRG - RESRAD 25 mrem (RME) (pCi/g)	Number of Detects	Number of Samples	Frequency of Detection	Minimum Detected Concentration (pCi/g)	Maximum Detected Concentration (pCi/g)	Average Detected Concentration (pCi/g)	Arithmetic Mean (Detects + Non-detects)[1]	95th UCL	Basis of UCL	Risk Ratio Based on Mean of Detects	Risk Ratio Based on UCL
Americium-241	399	9	26	35	0.0014	0.0174	0.0072	0.0082	0.00552	UCL-NP	1.80E-05	1.38E-05
Curium-233/244	56.3	9	26	35	0.00308	0.0128	0.006	0.0107	0.00585	UCL-NP	1.07E-04	1.04E-04
Cobalt-60	2.29	2	45	4	0.00963	0.011	0.0103	0.0100	0.00246	UCL-NP	4.50E-03	1.07E-03
Cesium-137	10.3	41	45	91	0.00723	196	5.043	4.5963	31.8	UCL-NP	4.90E-01	**3.09E+00**
Europium-152	5.7	2	45	4	0.0184	0.028	0.0232	0.0375	0.0104	UCL-NP	4.07E-03	1.82E-03
Plutonium-238	698	6	26	23	0.00338	0.00814	0.00576	0.0159	0.00494	UCL-NP	8.25E-06	NC
Plutonium-239/240	638	7	26	27	0.0031	0.0313	0.0108	0.0081	0.00645	UCL-NP	1.69E-05	1.01E-05
Strontium-90	1150	4	28	14	0.0708	0.142	0.106	0.1021	0.047	UCL-NP	9.22E-05	4.09E-05
										Sum of Fractions	**0.50**	**3.09**

Notes:

[1] Arithmetic average includes negative non-detect results replaced with minimum detection limit(MDC)

NA = Not Applicable

NC= Not Calculated

95th UCL = 95th Upper Confidence Limit

UCL-NP = Upper Confidence Limit , non-parametric

Table 6 Summary of 17th Street Pond Surface Soil Samples ***DRAFT***

Santa Susana Field Laboratory

Radionuclide	SRAM PRG - RESRAD 25 mrem (RME) (pCi/g)	Number of Detects	Number of Samples	Frequency of Detection	Minimum Detected Concentration (pCi/g)	Maximum Detected Concentration (pCi/g)	Average Detected Concentration (pCi/g)	Arithmetic Mean (Detects + Non-detects)[1]	95th UCL	Basis of UCL	Risk Ratio Based on Mean of Detects	Risk Ratio Based on UCL
Americium-241	399	15	31	48	0.0021	0.0077	0.00453	0.0053	0.00381	UCL-NP	1.14E-05	9.55E-06
Curium-233/244	56.3	4	31	13	0.0026	0.0041	0.0033	0.0052	0.00181	UCL-NP	5.86E-05	3.21E-05
Cobalt-60	2.29	2	39	5	0.0063	0.0143	0.0103	0.0076	0.00222	UCL-NP	4.50E-03	9.69E-04
Cesium-137	10.3	39	40	98	0.0114	0.911	0.205	0.1998	0.36	UCL-NP	1.99E-02	3.50E-02
Europium-152	5.7	2	37	5	0.015	0.0161	0.0156	0.0243	0.00508	UCL-NP	2.74E-03	8.91E-04
Plutonium-238	698	13	31	42	0.0014	0.0067	0.0031	0.0027	0.00244	UCL-Gamma	4.44E-06	NC
Plutonium-239/240	638	27	31	87	0.0015	0.0134	0.00466	0.0043	0.00506	UCL-NP	7.30E-06	7.93E-06
Strontium-90	1150	9	31	29	0.025	0.043	0.0348	0.0328	0.0216	UCL-NP	3.03E-05	1.88E-05
										Sum of Fractions	**0.03**	**0.04**

Notes:

[1] Arithmetic average includes negative non-detect results replaced with minimum detection limit(MDC)

NA = Not Applicable

NC= Not Calculated

95th UCL = 95th Upper Confidence Limit

UCL-NP = Upper Confidence Limit , non-parametric

Table 7 Summary of Uranium and Thorium Decay S *DRAFT*

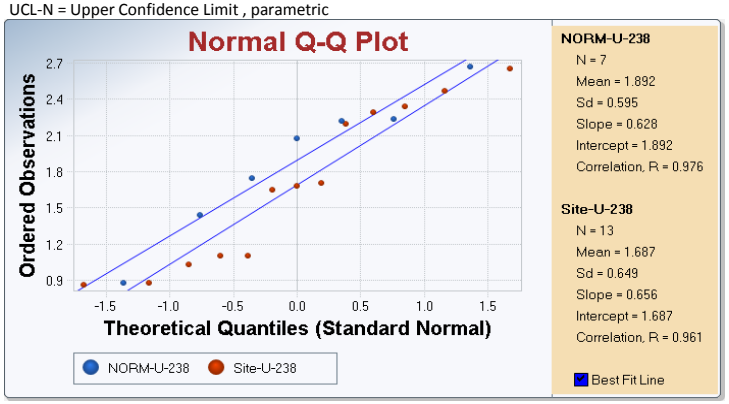
Santa Susana Field Laboratory

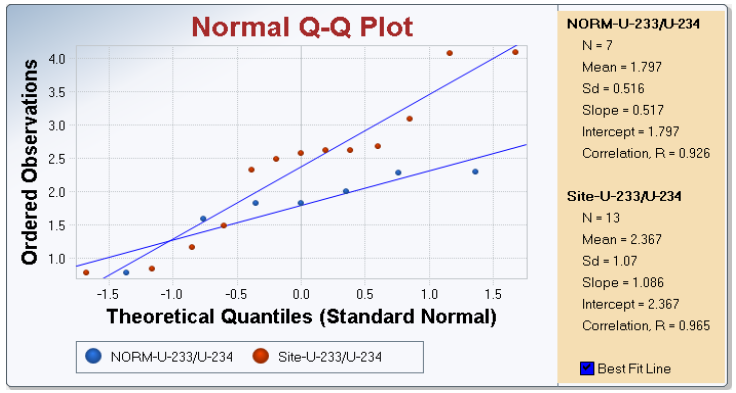
Radionuclide	SRAM PRG - RESRAD 25 mrem (RME) (pCi/g)	Number of Detects	Number of Samples	Minimum Detected Concentration (pCi/g)	Maximum Detected Concentration (pCi/g)	Average Detected Concentration (pCi/g)	95th UCL	Basis of UCL	Risk Ratio Based on Mean of Detects	Risk Ratio Based on UCL
NORM										
Uranium-238	233	7	7	0.874	2.67	1.892	2.329	UCL-N	8.12E-03	1.00E-02
Uranium-235/236	44.8	7	7	0.0383	0.171	0.092	0.126	UCL-N	2.05E-03	2.81E-03
Uranium-233/234	2670	7	7	0.779	2.29	1.797	2.176	UCL-N	6.73E-04	8.15E-04
Thorium-232	70.5	7	7	1.13	3.28	2.064	2.685	UCL-NP	2.93E-02	3.81E-02
								Sum of Fractions	**0.04**	**0.05**
Site-related?										
Uranium-238	233	13	13	0.857	2.65	1.687	2.008	UCL-N	7.24E-03	8.62E-03
Uranium-235/236	44.8	13	13	0.0151	0.304	0.136	0.174	UCL-N	3.04E-03	3.88E-03
Uranium-233/234	2670	13	13	0.777	4.09	2.367	2.896	UCL-N	8.87E-04	1.08E-03
Thorium-232	70.5	13	13	0.77	1.56	1.088	1.2	UCL-N	1.54E-02	1.70E-02
								Sum of Fractions	**0.03**	**0.03**

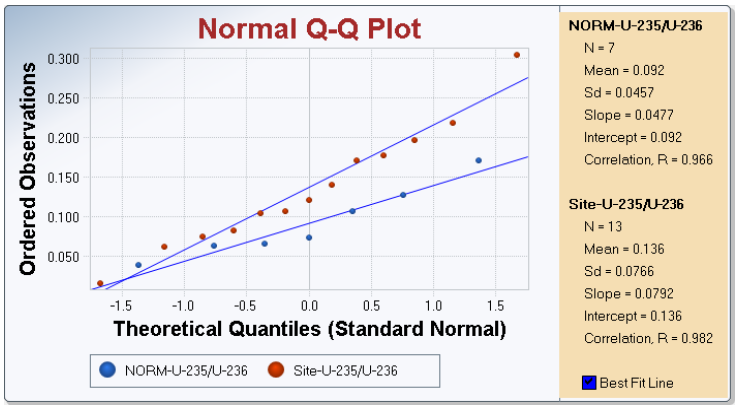
Notes:

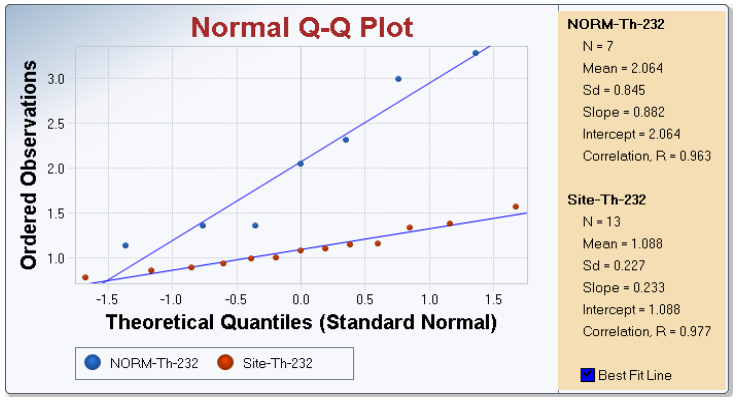
95th UCL = 95th Upper Confidence Limit

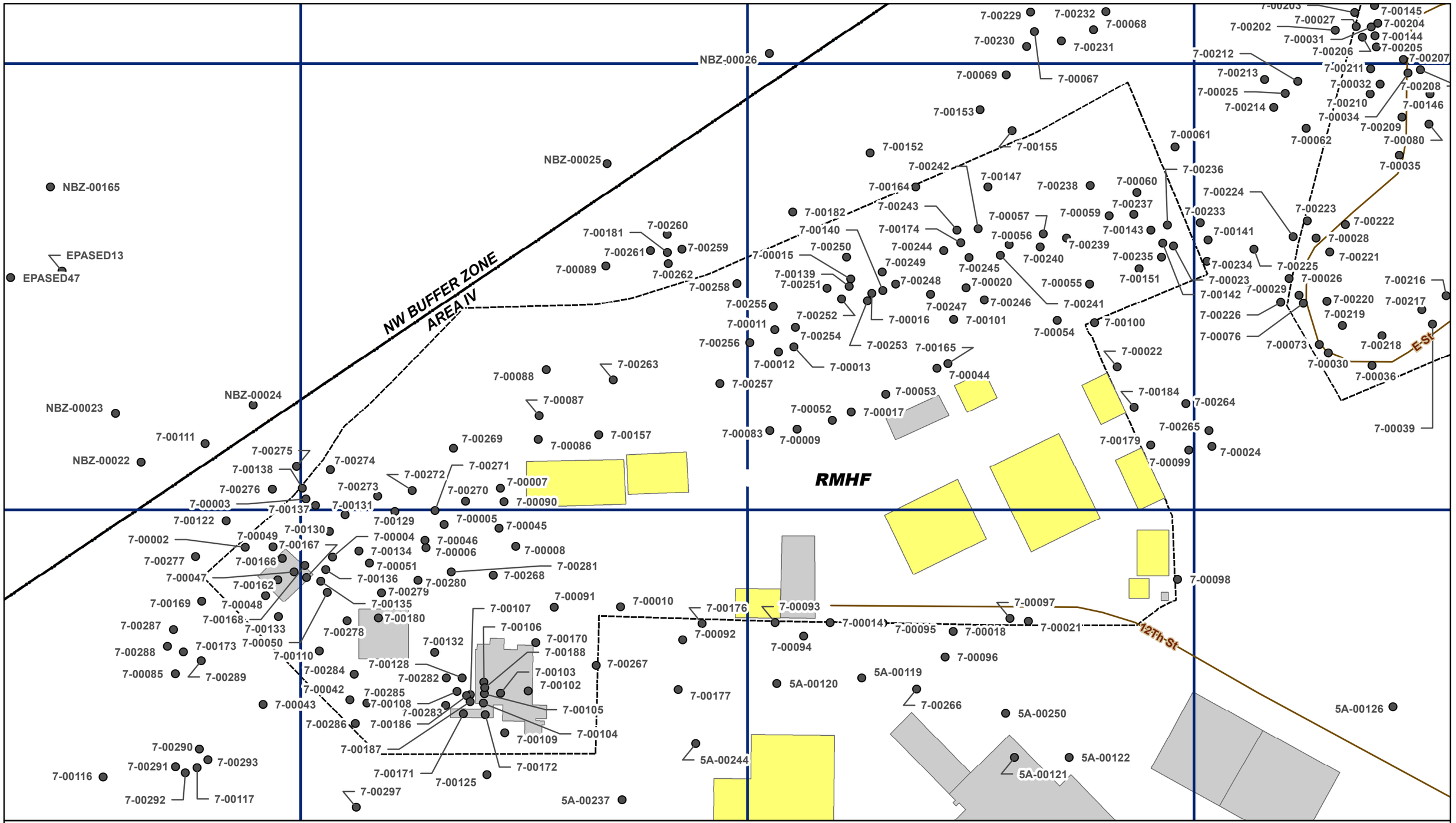
UCL-N = Upper Confidence Limit , parametric











Legend

- EPA Rad Sample Location
- Road Centerline
- Existing Landfill
- Existing Structure
- Existing Substation
- Former Drainage
- Demolished Structure
- Rad Grid (100m x 100m)
- RI Site Boundary
- Area Boundary
- SSFL Property Boundary

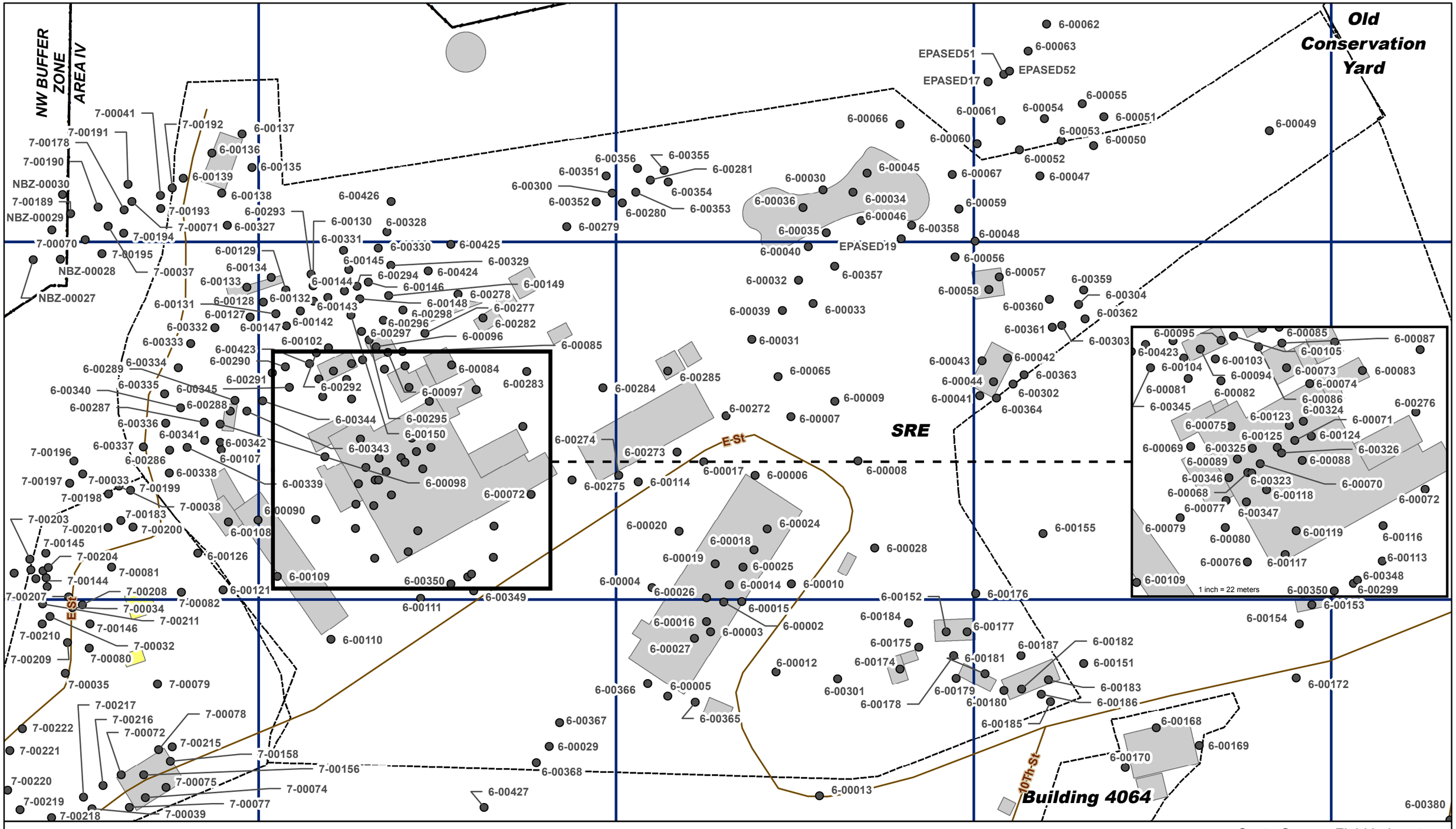
RMHF EPA Rad Sample Locations

Santa Susana Field Laboratory
Ventura County, California
Figure 1

0 10 20 40 60 Meters

CDM Smith

C:_projects\SantaSusana\GIS\MXD\RAD\SSFL_EPA_RAD_Sampling_Locations_Labeled_11x17_2015925.mxd 9/25/2015



Legend

- EPA Rad Sample Location
- Road Centerline
- Existing Landfill
- Existing Structure
- Existing Substation
- Former Pond
- Demolished Structure
- Rad Grid (100m x 100m)
- RI Site Boundary
- Area Boundary
- SSFL Property Boundary

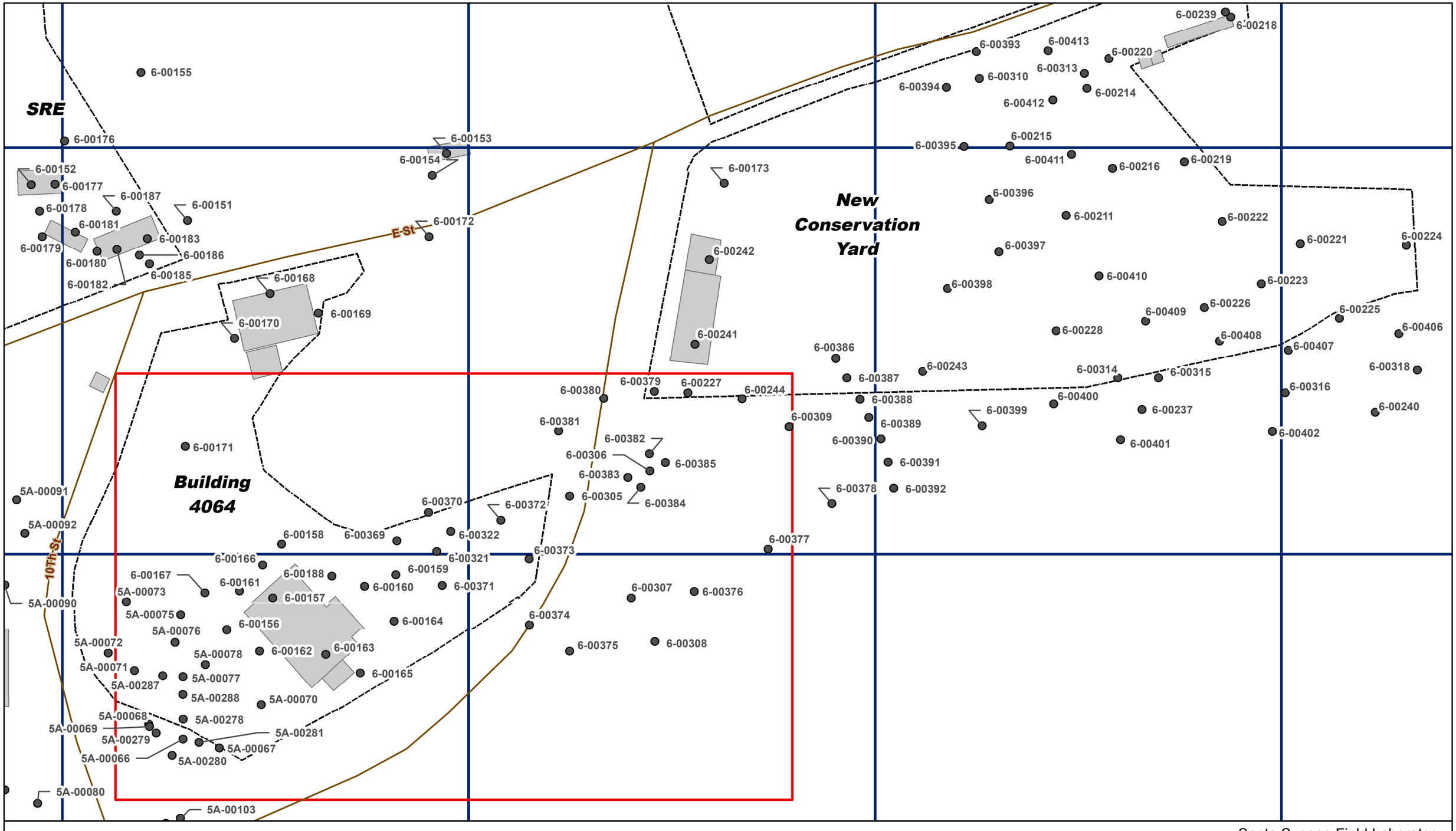
SRE Rad Sample Locations

Santa Susana Field Laboratory
Ventura County, California
Figure 2

0 12.5 25 50 75 Meters

CDM Smith

C:_projects\SantaSusana\GIS\MXD\RAD\SSFL_EPA_RAD_Sampling_Locations_Labeled_11x17_2015925.mxd 9/25/2015



Legend

- EPA Rad Sample Location
- Road Centerline
- Existing Landfill
- Existing Structure
- Existing Substation
- Former Drainage
- Demolished Structure
- Rad Grid (100m x 100m)
- Specific Area of Interest
- RI Site Boundary
- Area Boundary
- SSFL Property Boundary

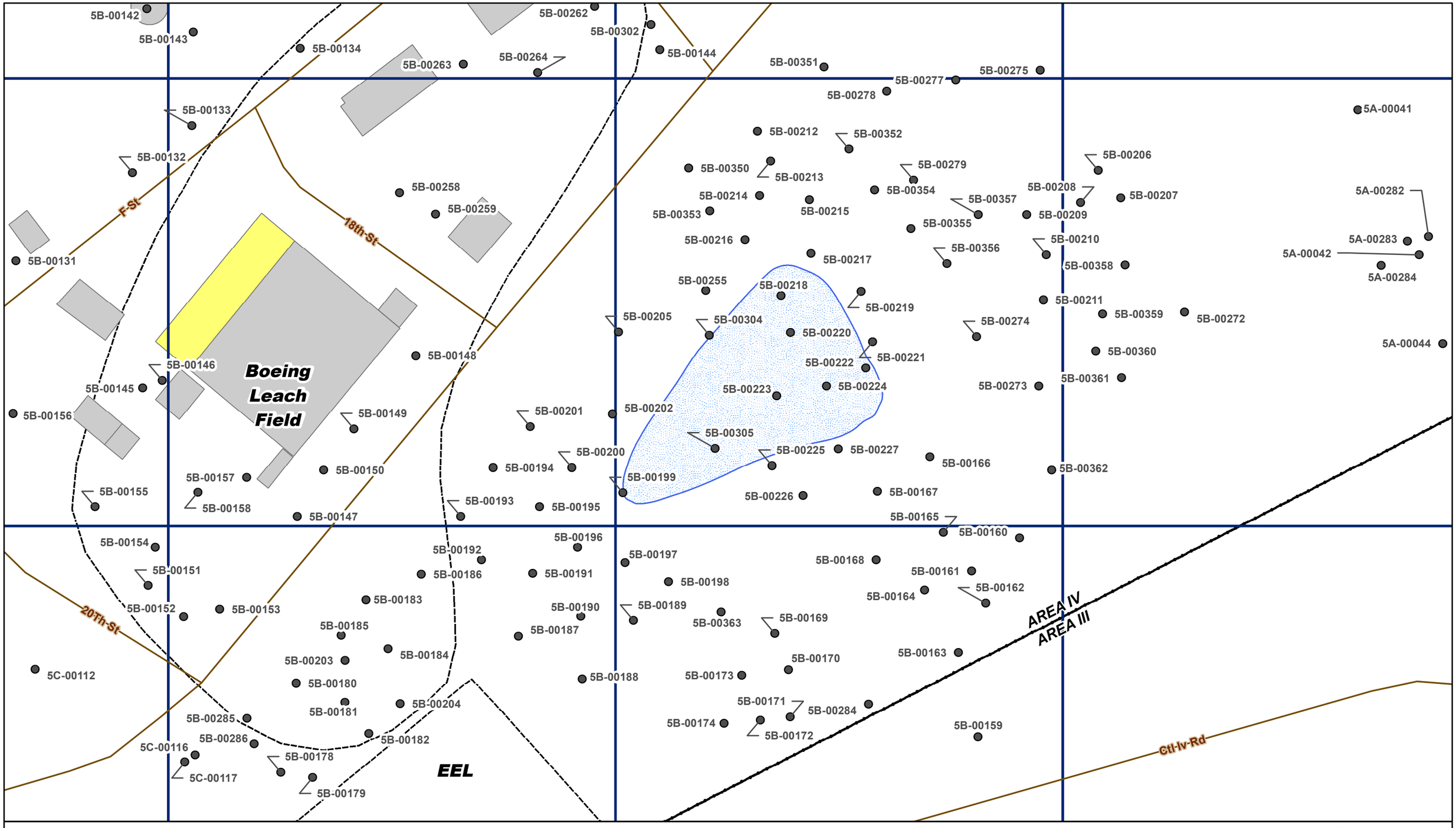
NCY and Building 4064
EPA Rad Sample Locations

0 11 22 44 66 Meters

Santa Susana Field Laboratory
Ventura County, California
Figure 3

CDM Smith

C:_projects\SantaSusana\GIS\MXD\RAD\SSFL_EPA_RAD_Sampling_Locations_Labeled_11x17_2015925.mxd 9/25/2015



Legend

- EPA Rad Sample Location
- Road Centerline
- Existing Landfill
- Existing Structure
- Existing Substation
- Former Pond
- Demolished Structure
- Rad Grid (100m x 100m)
- RI Site Boundary
- Area Boundary
- SSFL Property Boundary

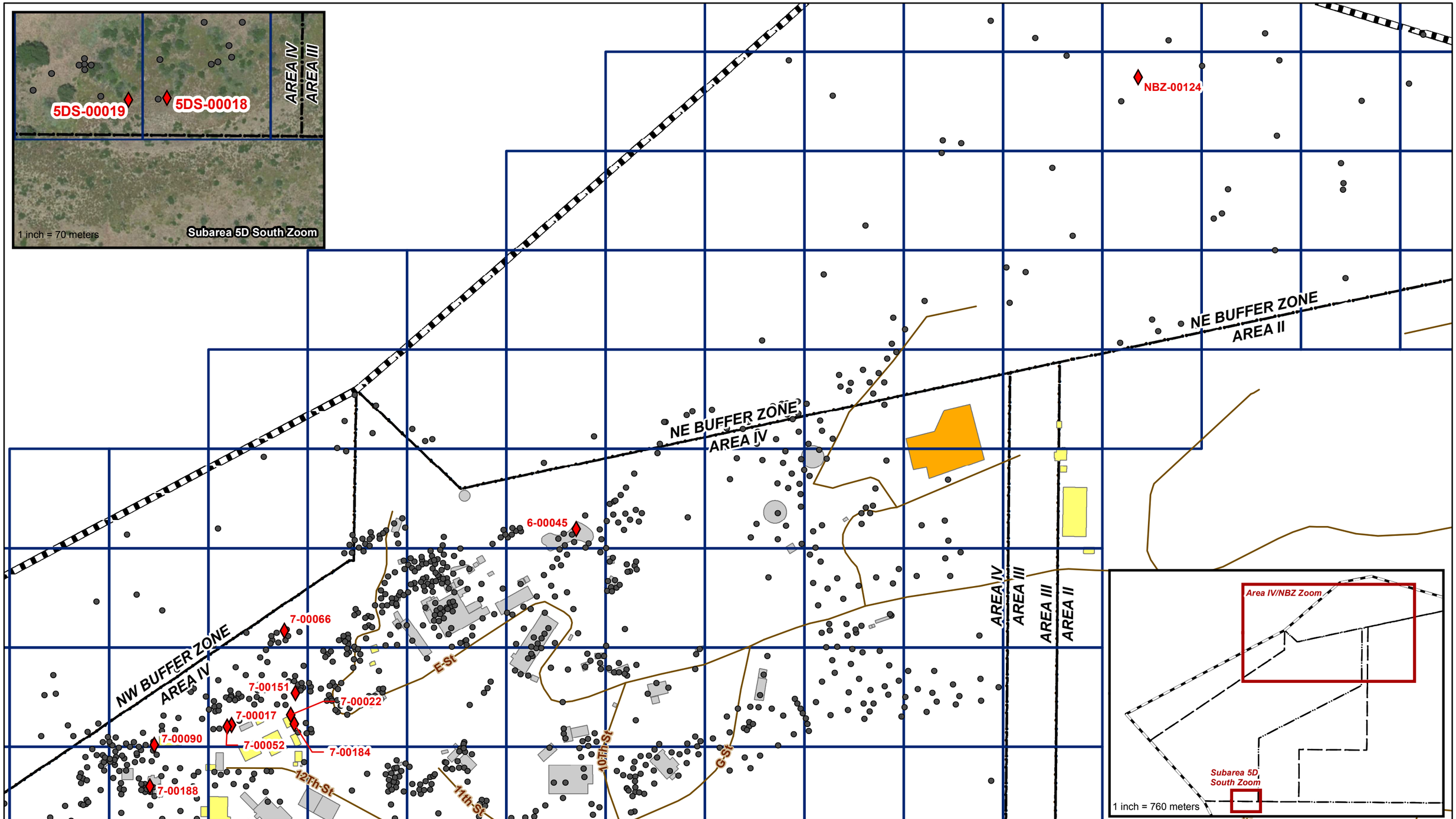
17th Street Pond
Rad Sample Locations

0 10 20 40 60 Meters

Santa Susana Field Laboratory
Ventura County, California
Figure 4

CDM Smith

C:_projects\SantaSusana\GIS\MXD\RAD\SSFL_EPA_RAD_Sampling_Locations_Labeled_11x17_2015925.mxd 9/25/2015



Legend

- EPA Uranium Sample Location
- EPA Rad Sample Location
- Road Centerline
- Existing Landfill
- Existing Structure
- Existing Substation
- Former Drainage
- Demolished Structure
- Rad Grid (100m x 100m)
- RI Site Boundary
- Area Boundary
- SSFL Property Boundary

Uranium EPA Rad Sample Locations

Santa Susana Field Laboratory
Ventura County, California
Figure 5

0 45 90 180 270 Meters

CDM Smith

C:_projects\SantaSusana\GIS\MXD\RAD\SSFL_EPA_RAD_Uranium_Sampling_Locations_Labeled_11x17_2015925.mxd 9/25/2015

Attachment A
Data Summary Tables

LocationName	DateCollected	BeginDepth	EndDepth	SampleType	Matrix	AnalyteID	Activity	Rpt_Units	MDC	Count_Uncertainity	LabFlag	DV_Qualifier
7-00052	16-Sep-11	0	0.5	Normal	SO	Am-241	0.00602	pCi/g	0.00543	0.00347		
7-00053	16-Sep-11	0	0.5	Normal	SO	Am-241	0.0157	pCi/g	0.00708	0.0064		
7-00100	16-Sep-11	0	0.5	Normal	SO	Am-241	0.0104	pCi/g	0.0155	0.00572		
7-00022	16-Sep-11	0	0.5	Normal	SO	Am-241	0.00757	pCi/g	0.0147	0.00491		
7-00023	21-Sep-11	0	0.5	Normal	SO	Am-241	0.0137	pCi/g	0.024	0.00771		
7-00061	21-Sep-11	0	0.5	Normal	SO	Am-241	-0.003	pCi/g	0.0265	0.00561	U	U
7-00054	16-Sep-11	0	0.5	Normal	SO	Am-241	0.0177	pCi/g	0.0229	0.00803		
7-00179	16-Sep-11	0	0.5	Normal	SO	Am-241	0.00617	pCi/g	0.028	0.00754	U	U
7-00069	23-Sep-11	0	0.5	Normal	SO	Am-241	-0.000881	pCi/g	0.0322	0.00734	U	U
7-00184	16-Sep-11	0	0.5	Normal	SO	Am-241	0.0249	pCi/g	0.0247	0.00956		
7-00142	21-Sep-11	0	0.5	Normal	SO	Am-241	-0.000989	pCi/g	0.0177	0.00321	U	U
7-00143	21-Sep-11	0	0.5	Normal	SO	Am-241	0.00537	pCi/g	0.0165	0.00471	U	U
7-00152	23-Sep-11	0	0.5	Normal	SO	Am-241	0.00897	pCi/g	0.0276	0.00795	U	U
7-00153	23-Sep-11	0	0.25	Normal	SO	Am-241	0.00588	pCi/g	0.0297	0.00757	UJ	U
7-00009	16-Sep-11	0	0.5	Normal	SO	Am-241	0.000684	pCi/g	0.0156	0.00301	U	U
7-00011	22-Sep-11	0	0.5	Normal	SO	Am-241	-0.00604	pCi/g	0.0322	0.00563	UJ	UJ
7-00012	22-Sep-11	0	0.5	Normal	SO	Am-241	0.00286	pCi/g	0.0143	0.00355	U	U
7-00013	22-Sep-11	0	0.5	Normal	SO	Am-241	0.0109	pCi/g	0.0154	0.00554		
7-00015	22-Sep-11	0	0.5	Normal	SO	Am-241	-0.00293	pCi/g	0.016	0.0029	U	U
7-00016	22-Sep-11	0	0.5	Normal	SO	Am-241	0.00199	pCi/g	0.00538	0.00199		
7-00017	16-Sep-11	0	0.5	Normal	SO	Am-241	0.00259	pCi/g	0.0129	0.00321	U	U
7-00020	22-Sep-11	0	0.5	Normal	SO	Am-241	0.0057	pCi/g	0.00772	0.00403		
7-00044	16-Sep-11	0	0.5	Normal	SO	Am-241	0.00865	pCi/g	0.0129	0.00475		
7-00083	16-Sep-11	0	0.5	Normal	SO	Am-241	0.0209	pCi/g	0.0297	0.0107		
7-00055	22-Sep-11	0	0.5	Normal	SO	Am-241	0.017	pCi/g	0.0349	0.0108		
7-00099	14-Sep-11	0	0.5	Normal	SO	Am-241	0.00291	pCi/g	0.0145	0.00361	U	U
7-00101	22-Sep-11	0	0.5	Normal	SO	Am-241	0.0118	pCi/g	0.0239	0.00747		
7-00139	22-Sep-11	0	0.5	Normal	SO	Am-241	-0.0018	pCi/g	0.0206	0.00413	U	U
7-00165	16-Sep-11	0	0.5	Normal	SO	Am-241	0.00389	pCi/g	0.00528	0.00275		
7-00140	22-Sep-11	0	0.5	Normal	SO	Am-241	0.00945	pCi/g	0.0114	0.00457		
7-00151	22-Sep-11	0	0.5	Normal	SO	Am-241	0.0223	pCi/g	0.0269	0.0102		

LocationName	DateCollected	BeginDepth	EndDepth	SampleType	Matrix	AnalyteID	Activity	Rpt_Units	MDC	Count_Uncertainity	LabFlag	DV_Qualifier
7-00052	16-Sep-11	0	0.5	Normal	SO	Cs-137	6.59	pCi/g	0.0191	0.29		
7-00053	16-Sep-11	0	0.5	Normal	SO	Cs-137	0.885	pCi/g	0.0174	0.0394		
7-00100	16-Sep-11	0	0.5	Normal	SO	Cs-137	0.0346	pCi/g	0.0177	0.00858		
7-00100	16-Sep-11	0	0.5	Normal	SO	Cs-137	0.0346	pCi/g	0.0177	0.00858		X
7-00022	16-Sep-11	0	0.5	Normal	SO	Cs-137	1.23	pCi/g	0.0172	0.0568		X
7-00022	16-Sep-11	0	0.5	Normal	SO	Cs-137	1.23	pCi/g	0.0172	0.0568		
7-00023	21-Sep-11	0	0.5	Normal	SO	Cs-137	1.16	pCi/g	0.0184	0.0538		X
7-00023	21-Sep-11	0	0.5	Normal	SO	Cs-137	1.16	pCi/g	0.0184	0.0538		
7-00054	16-Sep-11	0	0.5	Normal	SO	Cs-137	1.42	pCi/g	0.0162	0.0611		
7-00054	16-Sep-11	0	0.5	Normal	SO	Cs-137	1.42	pCi/g	0.0162	0.0611		X
7-00061	21-Sep-11	0	0.5	Normal	SO	Cs-137	0.162	pCi/g	0.0179	0.0107		
7-00061	21-Sep-11	0	0.5	Normal	SO	Cs-137	0.162	pCi/g	0.0179	0.0107		X
7-00069	23-Sep-11	0	0.5	Normal	SO	Cs-137	0.0451	pCi/g	0.0171	0.00766		X
7-00184	16-Sep-11	0	0.5	Normal	SO	Cs-137	0.253	pCi/g	0.0243	0.0191		X
7-00184	16-Sep-11	0	0.5	Normal	SO	Cs-137	0.253	pCi/g	0.0243	0.0191		
7-00142	21-Sep-11	0	0.5	Normal	SO	Cs-137	0.802	pCi/g	0.0154	0.0348		X
7-00142	21-Sep-11	0	0.5	Normal	SO	Cs-137	0.803	pCi/g	0.0154	0.0348		
7-00143	21-Sep-11	0	0.5	Normal	SO	Cs-137	0.223	pCi/g	0.0215	0.0143		
7-00143	21-Sep-11	0	0.5	Normal	SO	Cs-137	0.222	pCi/g	0.0215	0.0143		X
7-00152	23-Sep-11	0	0.5	Normal	SO	Cs-137	0.0776	pCi/g	0.018	0.00715		X
7-00153	23-Sep-11	0	0.25	Normal	SO	Cs-137	0.0382	pCi/g	0.0174	0.0075		X
7-00179	16-Sep-11	0	0.5	Normal	SO	Cs-137	0.202	pCi/g	0.0172	0.0124		X
7-00179	16-Sep-11	0	0.5	Normal	SO	Cs-137	0.202	pCi/g	0.0172	0.0124		
7-00069	23-Sep-11	0	0.5	Normal	SO	Cs-137	0.0451	pCi/g	0.0171	0.00766		
7-00152	23-Sep-11	0	0.5	Normal	SO	Cs-137	0.0776	pCi/g	0.018	0.00715		
7-00153	23-Sep-11	0	0.25	Normal	SO	Cs-137	0.0393	pCi/g	0.0174	0.00749		
7-00011	22-Sep-11	0	0.5	Normal	SO	Cs-137	1.75	pCi/g	0.0177	0.0764		
7-00011	22-Sep-11	0	0.5	Normal	SO	Cs-137	1.75	pCi/g	0.0177	0.0764		X
7-00012	22-Sep-11	0	0.5	Normal	SO	Cs-137	1.14	pCi/g	0.0174	0.0515		X
7-00012	22-Sep-11	0	0.5	Normal	SO	Cs-137	1.14	pCi/g	0.0174	0.0515		
7-00013	22-Sep-11	0	0.5	Normal	SO	Cs-137	2.77	pCi/g	0.0168	0.116		X
7-00013	22-Sep-11	0	0.5	Normal	SO	Cs-137	2.77	pCi/g	0.0168	0.116		
7-00015	22-Sep-11	0	0.5	Normal	SO	Cs-137	4.7	pCi/g	0.0167	0.0277		X
7-00015	22-Sep-11	0	0.5	Normal	SO	Cs-137	4.7	pCi/g	0.0167	0.0277		
7-00009	16-Sep-11	0	0.5	Normal	SO	Cs-137	2.66	pCi/g	0.0144	0.111		
7-00009	16-Sep-11	0	0.5	Normal	SO	Cs-137	2.66	pCi/g	0.0144	0.111		X
7-00016	22-Sep-11	0	0.5	Normal	SO	Cs-137	1.08	pCi/g	0.0165	0.0463		X
7-00016	22-Sep-11	0	0.5	Normal	SO	Cs-137	1.08	pCi/g	0.0165	0.0463		
7-00017	16-Sep-11	0	0.5	Normal	SO	Cs-137	6.21	pCi/g	0.0191	0.252		
7-00020	22-Sep-11	0	0.5	Normal	SO	Cs-137	0.234	pCi/g	0.0173	0.0155		

LocationName	DateCollected	BeginDepth	EndDepth	SampleType	Matrix	AnalyteID	Activity	Rpt_Units	MDC	Count_Uncertainity	LabFlag	DV_Qualifier
7-00020	22-Sep-11	0	0.5	Normal	SO	Cs-137	0.234	pCi/g	0.0173	0.0155		X
7-00044	16-Sep-11	0	0.5	Normal	SO	Cs-137	0.0196	pCi/g	0.0186	0.00677		
7-00083	16-Sep-11	0	0.5	Normal	SO	Cs-137	1.82	pCi/g	0.0215	0.078		
7-00083	16-Sep-11	0	0.5	Normal	SO	Cs-137	1.82	pCi/g	0.0215	0.078		X
7-00055	22-Sep-11	0	0.5	Normal	SO	Cs-137	0.399	pCi/g	0.016	0.0191		X
7-00055	22-Sep-11	0	0.5	Normal	SO	Cs-137	0.399	pCi/g	0.016	0.0191		
7-00099	14-Sep-11	0	0.5	Normal	SO	Cs-137	0.124	pCi/g	0.019	0.0118		J
7-00099	14-Sep-11	0	0.5	Normal	SO	Cs-137	0.124	pCi/g	0.019	0.0118		X
7-00101	22-Sep-11	0	0.5	Normal	SO	Cs-137	1.54	pCi/g	0.0153	0.0643		X
7-00101	22-Sep-11	0	0.5	Normal	SO	Cs-137	1.54	pCi/g	0.0153	0.0643		
7-00165	16-Sep-11	0	0.5	Normal	SO	Cs-137	0.0496	pCi/g	0.0168	0.00755		
7-00139	22-Sep-11	0	0.5	Normal	SO	Cs-137	0.387	pCi/g	0.0217	0.0239		X
7-00139	22-Sep-11	0	0.5	Normal	SO	Cs-137	0.387	pCi/g	0.0217	0.0239		
7-00140	22-Sep-11	0	0.5	Normal	SO	Cs-137	0.21	pCi/g	0.0174	0.0134		X
7-00140	22-Sep-11	0	0.5	Normal	SO	Cs-137	0.21	pCi/g	0.0174	0.0134		
7-00151	22-Sep-11	0	0.5	Normal	SO	Cs-137	0.496	pCi/g	0.0236	0.027		X
7-00151	22-Sep-11	0	0.5	Normal	SO	Cs-137	0.498	pCi/g	0.0236	0.027		
7-00235	30-May-12	0	0.5	Normal	SO	Cs-137	0.307	pCi/g	0.0148	0.0155		Y
7-00236	30-May-12	0	0.5	Normal	SO	Cs-137	1.03	pCi/g	0.0185	0.0452		Y
7-00237	30-May-12	0	0.5	Normal	SO	Cs-137	0.065	pCi/g	0.0159	0.0084		
7-00238	30-May-12	0	0.5	Normal	SO	Cs-137	0.0914	pCi/g	0.0139	0.00746		
7-00248	31-May-12	0	0.5	Normal	SO	Cs-137	0.568	pCi/g	0.0203	0.0286		Y
7-00249	31-May-12	0	0.5	Normal	SO	Cs-137	0.112	pCi/g	0.019	0.00908		
7-00250	04-Jun-12	0	0.5	Normal	SO	Cs-137	0.102	pCi/g	0.0203	0.0107		
7-00251	04-Jun-12	0	0.5	Normal	SO	Cs-137	0.93	pCi/g	0.0155	0.0416		Y
7-00252	31-May-12	0	0.5	Normal	SO	Cs-137	0.662	pCi/g	0.0189	0.0342		Y
7-00253	31-May-12	0	0.5	Normal	SO	Cs-137	0.976	pCi/g	0.0198	0.0496		Y
7-00254	05-Jun-12	0	0.5	Normal	SO	Cs-137	0.732	pCi/g	0.0177	0.0327		Y
7-00255	05-Jun-12	0	0.5	Normal	SO	Cs-137	0.725	pCi/g	0.0179	0.0343		Y
7-00256	05-Jun-12	0	0.5	Normal	SO	Cs-137	0.973	pCi/g	0.0164	0.0426		Y
7-00264	24-May-12	0	0.5	Normal	SO	Cs-137	0.0557	pCi/g	0.0205	0.0134		
7-00246	05-Jun-12	0	0.5	Normal	SO	Cs-137	0.211	pCi/g	0.0187	0.0141		Y
7-00247	05-Jun-12	0	0.5	Normal	SO	Cs-137	0.718	pCi/g	0.0188	0.0325		Y

LocationName	DateCollected	BeginDepth	EndDepth	SampleType	Matrix	AnalyteID	Activity	Rpt_Units	MDC	Count_Uncertainity	LabFlag	DV_Qualifier
7-00052	16-Sep-11	0	0.5	Normal	SO	Co-60	0.0192	pCi/g	0.0197	0.00531	J	J
7-00053	16-Sep-11	0	0.5	Normal	SO	Co-60	0.00619	pCi/g	0.0178	0.00505	U	U
7-00100	16-Sep-11	0	0.5	Normal	SO	Co-60	-0.00478	pCi/g	0.0186	0.0056	U	U
7-00022	16-Sep-11	0	0.5	Normal	SO	Co-60	0.00487	pCi/g	0.0185	0.00524	U	U
7-00023	21-Sep-11	0	0.5	Normal	SO	Co-60	-0.00245	pCi/g	0.0184	0.00538	U	U
7-00054	16-Sep-11	0	0.5	Normal	SO	Co-60	0.00027	pCi/g	0.0161	0.0048	U	U
7-00061	21-Sep-11	0	0.5	Normal	SO	Co-60	-0.00892	pCi/g	0.0156	0.00493	U	U
7-00184	16-Sep-11	0	0.5	Normal	SO	Co-60	0.0264	pCi/g	0.0287	0.00762	J	J
7-00142	21-Sep-11	0	0.5	Normal	SO	Co-60	-0.00103	pCi/g	0.0153	0.00445	U	U
7-00143	21-Sep-11	0	0.5	Normal	SO	Co-60	0.0056	pCi/g	0.0218	0.00607	U	U
7-00179	16-Sep-11	0	0.5	Normal	SO	Co-60	0.00738	pCi/g	0.0177	0.005	U	U
7-00069	23-Sep-11	0	0.5	Normal	SO	Co-60	0.00756	pCi/g	0.0178	0.00498	U	U
7-00152	23-Sep-11	0	0.5	Normal	SO	Co-60	0.00657	pCi/g	0.0197	0.00561	U	U
7-00153	23-Sep-11	0	0.25	Normal	SO	Co-60	-0.00283	pCi/g	0.0191	0.00553	U	U
7-00011	22-Sep-11	0	0.5	Normal	SO	Co-60	-0.000339	pCi/g	0.0183	0.00538	U	UJ
7-00012	22-Sep-11	0	0.5	Normal	SO	Co-60	0.00412	pCi/g	0.0183	0.00516	U	U
7-00013	22-Sep-11	0	0.5	Normal	SO	Co-60	-0.00129	pCi/g	0.0154	0.00462	U	U
7-00015	22-Sep-11	0	0.5	Normal	SO	Co-60	-0.000754	pCi/g	0.0146	0.00438	U	U
7-00009	16-Sep-11	0	0.5	Normal	SO	Co-60	0.0097	pCi/g	0.0147	0.00418	J	J
7-00016	22-Sep-11	0	0.5	Normal	SO	Co-60	-0.00473	pCi/g	0.0157	0.00476	U	U
7-00017	16-Sep-11	0	0.5	Normal	SO	Co-60	0.0169	pCi/g	0.0193	0.00884	J	J
7-00020	22-Sep-11	0	0.5	Normal	SO	Co-60	0.00374	pCi/g	0.0183	0.0053	U	UJ
7-00044	16-Sep-11	0	0.5	Normal	SO	Co-60	-0.00928	pCi/g	0.0182	0.00563	U	U
7-00083	16-Sep-11	0	0.5	Normal	SO	Co-60	0.00494	pCi/g	0.0211	0.00588	U	U
7-00055	22-Sep-11	0	0.5	Normal	SO	Co-60	-0.0016	pCi/g	0.0171	0.00496	U	UJ
7-00099	14-Sep-11	0	0.5	Normal	SO	Co-60	-0.00812	pCi/g	0.0162	0.00489	U	U
7-00101	22-Sep-11	0	0.5	Normal	SO	Co-60	0.0202	pCi/g	0.0167	0.00731	J	J
7-00165	16-Sep-11	0	0.5	Normal	SO	Co-60	0.0033	pCi/g	0.018	0.00523	U	U
7-00139	22-Sep-11	0	0.5	Normal	SO	Co-60	-0.000534	pCi/g	0.0219	0.00635	U	U
7-00140	22-Sep-11	0	0.5	Normal	SO	Co-60	0.00567	pCi/g	0.0185	0.00521	U	U
7-00151	22-Sep-11	0	0.5	Normal	SO	Co-60	0.000958	pCi/g	0.0247	0.00707	U	UJ
7-00235	30-May-12	0	0.5	Normal	SO	Co-60	-0.00202	pCi/g	0.0146	0.0044	U	U
7-00236	30-May-12	0	0.5	Normal	SO	Co-60	0.00548	pCi/g	0.0188	0.00526	U	U
7-00237	30-May-12	0	0.5	Normal	SO	Co-60	-0.00701	pCi/g	0.0146	0.00444	U	U
7-00238	30-May-12	0	0.5	Normal	SO	Co-60	0.000293	pCi/g	0.015	0.0043	U	U
7-00248	31-May-12	0	0.5	Normal	SO	Co-60	-0.00125	pCi/g	0.0198	0.00576	U	U
7-00249	31-May-12	0	0.5	Normal	SO	Co-60	-0.00331	pCi/g	0.017	0.00506	U	U
7-00250	04-Jun-12	0	0.5	Normal	SO	Co-60	0.00721	pCi/g	0.0202	0.00555	U	U
7-00251	04-Jun-12	0	0.5	Normal	SO	Co-60	-0.00129	pCi/g	0.0137	0.00406	U	U
7-00252	31-May-12	0	0.5	Normal	SO	Co-60	-0.000693	pCi/g	0.0213	0.0063	U	U

LocationName	DateCollected	BeginDepth	EndDepth	SampleType	Matrix	AnalyteID	Activity	Rpt_Units	MDC	Count_Uncertainity	LabFlag	DV_Qualifier
7-00253	31-May-12	0	0.5	Normal	SO	Co-60	0.00016	pCi/g	0.0205	0.00599	U	U
7-00254	05-Jun-12	0	0.5	Normal	SO	Co-60	0.00376	pCi/g	0.0174	0.00497	U	U
7-00255	05-Jun-12	0	0.5	Normal	SO	Co-60	0.0033	pCi/g	0.0192	0.0055	U	U
7-00256	05-Jun-12	0	0.5	Normal	SO	Co-60	0.005	pCi/g	0.0163	0.00472	U	U
7-00264	24-May-12	0	0.5	Normal	SO	Co-60	0.00147	pCi/g	0.0205	0.00598	U	U
7-00246	05-Jun-12	0	0.5	Normal	SO	Co-60	0.00508	pCi/g	0.0169	0.0048	U	U
7-00247	05-Jun-12	0	0.5	Normal	SO	Co-60	-0.000115	pCi/g	0.0186	0.00537	U	U

LocationName	DateCollected	BeginDepth	EndDepth	SampleType	Matrix	AnalyteID	Activity	Rpt_Units	MDC	Count_Uncertainity	LabFlag	DV_Qualifier
7-00052	16-Sep-11	0	0.5	Normal	SO	Cm-243/244	-0.000887	pCi/g	0.0159	0.00288	U	U
7-00053	16-Sep-11	0	0.5	Normal	SO	Cm-243/244	0.000736	pCi/g	0.0167	0.00324	UJ	UJ
7-00100	16-Sep-11	0	0.5	Normal	SO	Cm-243/244	0.0119	pCi/g	0.0222	0.00717		
7-00022	16-Sep-11	0	0.5	Normal	SO	Cm-243/244	0.00427	pCi/g	0.021	0.00547	U	U
7-00023	21-Sep-11	0	0.5	Normal	SO	Cm-243/244	0.00256	pCi/g	0.0269	0.00688	U	U
7-00061	21-Sep-11	0	0.5	Normal	SO	Cm-243/244	-0.00493	pCi/g	0.0206	0.00365	U	U
7-00054	16-Sep-11	0	0.5	Normal	SO	Cm-243/244	0.0112	pCi/g	0.0135	0.0054		
7-00179	16-Sep-11	0	0.5	Normal	SO	Cm-243/244	0.00735	pCi/g	0.0234	0.00662	U	U
7-00069	23-Sep-11	0	0.5	Normal	SO	Cm-243/244	0.000664	pCi/g	0.0361	0.00881	U	U
7-00184	16-Sep-11	0	0.5	Normal	SO	Cm-243/244	0.00456	pCi/g	0.0224	0.00584	U	U
7-00142	21-Sep-11	0	0.5	Normal	SO	Cm-243/244	0.00578	pCi/g	0.0178	0.00507	U	U
7-00143	21-Sep-11	0	0.5	Normal	SO	Cm-243/244	0.00421	pCi/g	0.00571	0.00298		
7-00152	23-Sep-11	0	0.5	Normal	SO	Cm-243/244	0.00204	pCi/g	0.0263	0.00659	U	U
7-00153	23-Sep-11	0	0.25	Normal	SO	Cm-243/244	0.00378	pCi/g	0.0103	0.00378		
7-00009	16-Sep-11	0	0.5	Normal	SO	Cm-243/244	0.00492	pCi/g	0.00666	0.00348		
7-00011	22-Sep-11	0	0.5	Normal	SO	Cm-243/244	0.00645	pCi/g	0.00874	0.00456		
7-00012	22-Sep-11	0	0.5	Normal	SO	Cm-243/244	0.00899	pCi/g	0.00609	0.0045		
7-00013	22-Sep-11	0	0.5	Normal	SO	Cm-243/244	0.000549	pCi/g	0.0125	0.00242	U	U
7-00015	22-Sep-11	0	0.5	Normal	SO	Cm-243/244	0.00932	pCi/g	0.0161	0.00542		
7-00016	22-Sep-11	0	0.5	Normal	SO	Cm-243/244	0.00599	pCi/g	0.00541	0.00346		
7-00017	16-Sep-11	0	0.5	Normal	SO	Cm-243/244	0.0122	pCi/g	0.00551	0.00498		
7-00020	22-Sep-11	0	0.5	Normal	SO	Cm-243/244	0.00366	pCi/g	0.0182	0.00454	UJ	UJ
7-00044	16-Sep-11	0	0.5	Normal	SO	Cm-243/244	0.000813	pCi/g	0.0222	0.00522	U	U
7-00083	16-Sep-11	0	0.5	Normal	SO	Cm-243/244	-0.00167	pCi/g	0.0299	0.0054	UJ	UJ
7-00055	22-Sep-11	0	0.5	Normal	SO	Cm-243/244	0.00637	pCi/g	0.0301	0.00799	UJ	UJ
7-00099	14-Sep-11	0	0.5	Normal	SO	Cm-243/244	0.00192	pCi/g	0.0207	0.00488	U	U
7-00101	22-Sep-11	0	0.5	Normal	SO	Cm-243/244	0.0161	pCi/g	0.014	0.00644		
7-00139	22-Sep-11	0	0.5	Normal	SO	Cm-243/244	0.00263	pCi/g	0.0131	0.00327	U	U
7-00165	16-Sep-11	0	0.5	Normal	SO	Cm-243/244	0.00251	pCi/g	0.0125	0.00311	U	U
7-00140	22-Sep-11	0	0.5	Normal	SO	Cm-243/244	0.0023	pCi/g	0.0115	0.00285	U	U
7-00151	22-Sep-11	0	0.5	Normal	SO	Cm-243/244	0.0078	pCi/g	0.0218	0.00642		

LocationName	DateCollected	BeginDepth	EndDepth	SampleType	Matrix	AnalyteID	Activity	Rpt_Units	MDC	Count_Uncertainity	LabFlag	DV_Qualifier
7-00052	16-Sep-11	0	0.5	Normal	SO	Eu-152	-0.0252	pCi/g	0.0585	0.0187	U	U
7-00053	16-Sep-11	0	0.5	Normal	SO	Eu-152	-0.0128	pCi/g	0.0465	0.0141	U	U
7-00100	16-Sep-11	0	0.5	Normal	SO	Eu-152	-0.0185	pCi/g	0.0492	0.0151	U	U
7-00022	16-Sep-11	0	0.5	Normal	SO	Eu-152	0.00838	pCi/g	0.0437	0.0143	U	U
7-00023	21-Sep-11	0	0.5	Normal	SO	Eu-152	-0.0161	pCi/g	0.0454	0.0152	U	U
7-00054	16-Sep-11	0	0.5	Normal	SO	Eu-152	0.00254	pCi/g	0.0468	0.0191	U	U
7-00061	21-Sep-11	0	0.5	Normal	SO	Eu-152	-0.0235	pCi/g	0.0417	0.0124	U	U
7-00184	16-Sep-11	0	0.5	Normal	SO	Eu-152	0.00856	pCi/g	0.0578	0.0194	U	U
7-00142	21-Sep-11	0	0.5	Normal	SO	Eu-152	-0.00071	pCi/g	0.0407	0.0125	U	U
7-00143	21-Sep-11	0	0.5	Normal	SO	Eu-152	-0.0199	pCi/g	0.0478	0.0142	U	U
7-00179	16-Sep-11	0	0.5	Normal	SO	Eu-152	-0.0323	pCi/g	0.0458	0.015	U	U
7-00069	23-Sep-11	0	0.5	Normal	SO	Eu-152	0.0222	pCi/g	0.0393	0.0126	J	J
7-00152	23-Sep-11	0	0.5	Normal	SO	Eu-152	-0.0167	pCi/g	0.0499	0.0153	UJ	UJ
7-00153	23-Sep-11	0	0.25	Normal	SO	Eu-152	-0.00978	pCi/g	0.0432	0.0131	UJ	UJ
7-00011	22-Sep-11	0	0.5	Normal	SO	Eu-152	-0.00873	pCi/g	0.0498	0.0172	U	U
7-00012	22-Sep-11	0	0.5	Normal	SO	Eu-152	-0.00195	pCi/g	0.0491	0.0161	U	U
7-00013	22-Sep-11	0	0.5	Normal	SO	Eu-152	-0.00832	pCi/g	0.0511	0.0168	U	U
7-00015	22-Sep-11	0	0.5	Normal	SO	Eu-152	-0.0146	pCi/g	0.0548	0.0167	U	U
7-00009	16-Sep-11	0	0.5	Normal	SO	Eu-152	-0.00178	pCi/g	0.0458	0.0138	U	U
7-00016	22-Sep-11	0	0.5	Normal	SO	Eu-152	-0.0119	pCi/g	0.0461	0.0155	U	U
7-00017	16-Sep-11	0	0.5	Normal	SO	Eu-152	0.0226	pCi/g	0.0692	0.0255	U	U
7-00020	22-Sep-11	0	0.5	Normal	SO	Eu-152	-0.0448	pCi/g	0.0432	0.0141	UJ	UJ
7-00044	16-Sep-11	0	0.5	Normal	SO	Eu-152	-0.0462	pCi/g	0.0482	0.0167	UJ	UJ
7-00083	16-Sep-11	0	0.5	Normal	SO	Eu-152	-0.0261	pCi/g	0.0519	0.0167	U	U
7-00055	22-Sep-11	0	0.5	Normal	SO	Eu-152	-0.0399	pCi/g	0.0457	0.0169	UJ	UJ
7-00099	14-Sep-11	0	0.5	Normal	SO	Eu-152	0.0191	pCi/g	0.0509	0.02	U	U
7-00101	22-Sep-11	0	0.5	Normal	SO	Eu-152	-0.00409	pCi/g	0.0429	0.0131	U	U
7-00165	16-Sep-11	0	0.5	Normal	SO	Eu-152	-0.0212	pCi/g	0.0486	0.0191	U	U
7-00139	22-Sep-11	0	0.5	Normal	SO	Eu-152	-0.016	pCi/g	0.0694	0.0412	U	U
7-00140	22-Sep-11	0	0.5	Normal	SO	Eu-152	-0.0385	pCi/g	0.0397	0.0126	UJ	UJ
7-00151	22-Sep-11	0	0.5	Normal	SO	Eu-152	-0.034	pCi/g	0.0587	0.0208	U	U
7-00235	30-May-12	0	0.5	Normal	SO	Eu-152	-0.0109	pCi/g	0.0439	0.0131	U	U
7-00236	30-May-12	0	0.5	Normal	SO	Eu-152	-0.03	pCi/g	0.055	0.0184	U	U
7-00237	30-May-12	0	0.5	Normal	SO	Eu-152	0.00241	pCi/g	0.044	0.0153	U	U
7-00238	30-May-12	0	0.5	Normal	SO	Eu-152	-0.016	pCi/g	0.0436	0.0146	U	U
7-00248	31-May-12	0	0.5	Normal	SO	Eu-152	-0.0373	pCi/g	0.0596	0.0229	U	U
7-00249	31-May-12	0	0.5	Normal	SO	Eu-152	0.0078	pCi/g	0.0476	0.0149	U	U
7-00250	04-Jun-12	0	0.5	Normal	SO	Eu-152	-0.0104	pCi/g	0.0456	0.0134	U	U
7-00251	04-Jun-12	0	0.5	Normal	SO	Eu-152	-0.00142	pCi/g	0.0427	0.0144	U	U
7-00252	31-May-12	0	0.5	Normal	SO	Eu-152	-0.00322	pCi/g	0.0545	0.0203	U	U

LocationName	DateCollected	BeginDepth	EndDepth	SampleType	Matrix	AnalyteID	Activity	Rpt_Units	MDC	Count_Uncertainity	LabFlag	DV_Qualifier
7-00253	31-May-12	0	0.5	Normal	SO	Eu-152	-0.00163	pCi/g	0.0572	0.0198	U	U
7-00254	05-Jun-12	0	0.5	Normal	SO	Eu-152	0.00025	pCi/g	0.0474	0.0153	U	U
7-00255	05-Jun-12	0	0.5	Normal	SO	Eu-152	-0.0304	pCi/g	0.0518	0.0173	U	U
7-00256	05-Jun-12	0	0.5	Normal	SO	Eu-152	-0.01	pCi/g	0.0438	0.0135	U	U
7-00264	24-May-12	0	0.5	Normal	SO	Eu-152	-0.00167	pCi/g	0.0542	0.0188	U	U
7-00246	05-Jun-12	0	0.5	Normal	SO	Eu-152	-0.0158	pCi/g	0.0458	0.0147	U	U
7-00247	05-Jun-12	0	0.5	Normal	SO	Eu-152	-0.0396	pCi/g	0.0504	0.017	UJ	U J

LocationName	DateCollected	BeginDepth	EndDepth	SampleType	Matrix	AnalyteID	Activity	Rpt_Units	MDC	Count_Uncertainity	LabFlag	DV_Qualifier
7-00052	16-Sep-11	0	0.5	Normal	SO	Pu-238	-0.003	pCi/g	0.0164	0.00297	U	U
7-00053	16-Sep-11	0	0.5	Normal	SO	Pu-238	-0.000325	pCi/g	0.0184	0.00383	U	U
7-00100	16-Sep-11	0	0.5	Normal	SO	Pu-238	0.00626	pCi/g	0.0201	0.0057	U	U
7-00022	16-Sep-11	0	0.5	Normal	SO	Pu-238	0	pCi/g	0.00569	0.0021		
7-00023	21-Sep-11	0	0.5	Normal	SO	Pu-238	0.00765	pCi/g	0.0236	0.0067	U	U
7-00061	21-Sep-11	0	0.5	Normal	SO	Pu-238	0.00597	pCi/g	0.0378	0.00993	U	U
7-00054	16-Sep-11	0	0.5	Normal	SO	Pu-238	-0.00164	pCi/g	0.0297	0.00644	U	U
7-00179	16-Sep-11	0	0.5	Normal	SO	Pu-238	-0.00178	pCi/g	0.0157	0.00304	U	U
7-00069	23-Sep-11	0	0.5	Normal	SO	Pu-238	-0.00175	pCi/g	0.0155	0.00299	U	U
7-00184	16-Sep-11	0	0.5	Normal	SO	Pu-238	-0.00197	pCi/g	0.0224	0.00451	U	U
7-00142	21-Sep-11	0	0.5	Normal	SO	Pu-238	0.000205	pCi/g	0.038	0.00947	U	U
7-00143	21-Sep-11	0	0.5	Normal	SO	Pu-238	-0.000501	pCi/g	0.0358	0.00875	U	U
7-00152	23-Sep-11	0	0.5	Normal	SO	Pu-238	0.00663	pCi/g	0.0129	0.00429		
7-00153	23-Sep-11	0	0.25	Normal	SO	Pu-238	0.0102	pCi/g	0.00921	0.00588		
7-00009	16-Sep-11	0	0.5	Normal	SO	Pu-238	0.00114	pCi/g	0.0311	0.00732	U	U
7-00011	22-Sep-11	0	0.5	Normal	SO	Pu-238	0	pCi/g	0.00589	0.00217		
7-00012	22-Sep-11	0	0.5	Normal	SO	Pu-238	0.0153	pCi/g	0.026	0.00848		
7-00013	22-Sep-11	0	0.5	Normal	SO	Pu-238	0.00278	pCi/g	0.036	0.009	U	U
7-00015	22-Sep-11	0	0.5	Normal	SO	Pu-238	0.00337	pCi/g	0.0355	0.00907	U	U
7-00016	22-Sep-11	0	0.5	Normal	SO	Pu-238	0.00114	pCi/g	0.031	0.0073	U	U
7-00017	16-Sep-11	0	0.5	Normal	SO	Pu-238	-0.00101	pCi/g	0.0181	0.00328	U	U
7-00020	22-Sep-11	0	0.5	Normal	SO	Pu-238	-0.00155	pCi/g	0.0137	0.00265	U	U
7-00044	16-Sep-11	0	0.5	Normal	SO	Pu-238	0	pCi/g	0.00653	0.00241		
7-00083	16-Sep-11	0	0.5	Normal	SO	Pu-238	0.00202	pCi/g	0.0284	0.00628	UJ	UJ
7-00055	22-Sep-11	0	0.5	Normal	SO	Pu-238	-0.000973	pCi/g	0.0174	0.00316	U	U
7-00099	14-Sep-11	0	0.5	Normal	SO	Pu-238	0.0066	pCi/g	0.0203	0.00579	U	U
7-00101	22-Sep-11	0	0.5	Normal	SO	Pu-238	0.00663	pCi/g	0.00899	0.00469		
7-00139	22-Sep-11	0	0.5	Normal	SO	Pu-238	-0.00782	pCi/g	0.037	0.00758	U	U
7-00165	16-Sep-11	0	0.5	Normal	SO	Pu-238	0.00227	pCi/g	0.00614	0.00227		
7-00140	22-Sep-11	0	0.5	Normal	SO	Pu-238	-0.00193	pCi/g	0.0463	0.0114	U	U
7-00151	22-Sep-11	0	0.5	Normal	SO	Pu-238	-0.00411	pCi/g	0.0219	0.00383	U	U

LocationName	DateCollected	BeginDepth	EndDepth	SampleType	Matrix	AnalyteID	Activity	Rpt_Units	MDC	Count_Uncertainity	LabFlag	DV_Qualifier
7-00052	16-Sep-11	0	0.5	Normal	SO	Pu-239/240	0.0229	pCi/g	0.00564	0.0069		
7-00053	16-Sep-11	0	0.5	Normal	SO	Pu-239/240	0.00779	pCi/g	0.0184	0.00557		
7-00100	16-Sep-11	0	0.5	Normal	SO	Pu-239/240	0.00825	pCi/g	0.0201	0.00603		
7-00022	16-Sep-11	0	0.5	Normal	SO	Pu-239/240	0.0252	pCi/g	0.00568	0.00726		
7-00023	21-Sep-11	0	0.5	Normal	SO	Pu-239/240	0.00895	pCi/g	0.00808	0.00517		
7-00061	21-Sep-11	0	0.5	Normal	SO	Pu-239/240	0.013	pCi/g	0.0194	0.00715		
7-00054	16-Sep-11	0	0.5	Normal	SO	Pu-239/240	0.0109	pCi/g	0.00737	0.00544		
7-00179	16-Sep-11	0	0.5	Normal	SO	Pu-239/240	0.00385	pCi/g	0.0194	0.00495	U	U
7-00069	23-Sep-11	0	0.5	Normal	SO	Pu-239/240	0.00311	pCi/g	0.0155	0.00385	U	U
7-00184	16-Sep-11	0	0.5	Normal	SO	Pu-239/240	0.0067	pCi/g	0.00605	0.00387		
7-00142	21-Sep-11	0	0.5	Normal	SO	Pu-239/240	0.000307	pCi/g	0.0256	0.00576	U	U
7-00143	21-Sep-11	0	0.5	Normal	SO	Pu-239/240	0.0025	pCi/g	0.00678	0.0025		
7-00152	23-Sep-11	0	0.5	Normal	SO	Pu-239/240	0.00258	pCi/g	0.0129	0.0032	U	U
7-00153	23-Sep-11	0	0.25	Normal	SO	Pu-239/240	0.00624	pCi/g	0.0307	0.008	UJ	U
7-00009	16-Sep-11	0	0.5	Normal	SO	Pu-239/240	0.00444	pCi/g	0.0225	0.00572	U	U
7-00011	22-Sep-11	0	0.5	Normal	SO	Pu-239/240	-0.00096	pCi/g	0.0171	0.0031	U	U
7-00012	22-Sep-11	0	0.5	Normal	SO	Pu-239/240	0.00611	pCi/g	0.0188	0.00536	U	U
7-00013	22-Sep-11	0	0.5	Normal	SO	Pu-239/240	0.0198	pCi/g	0.0262	0.00941		
7-00015	22-Sep-11	0	0.5	Normal	SO	Pu-239/240	0.0136	pCi/g	0.00736	0.00607		
7-00016	22-Sep-11	0	0.5	Normal	SO	Pu-239/240	-0.00534	pCi/g	0.0285	0.00498	U	U
7-00017	16-Sep-11	0	0.5	Normal	SO	Pu-239/240	0.0173	pCi/g	0.0181	0.00727		
7-00020	22-Sep-11	0	0.5	Normal	SO	Pu-239/240	0.0049	pCi/g	0.0137	0.00404		
7-00044	16-Sep-11	0	0.5	Normal	SO	Pu-239/240	-0.0052	pCi/g	0.0218	0.00384	U	U
7-00083	16-Sep-11	0	0.5	Normal	SO	Pu-239/240	0.00921	pCi/g	0.0284	0.00807	UJ	UJ
7-00055	22-Sep-11	0	0.5	Normal	SO	Pu-239/240	0.00786	pCi/g	0.0174	0.00543		
7-00099	14-Sep-11	0	0.5	Normal	SO	Pu-239/240	0.00989	pCi/g	0.0233	0.00708		
7-00101	22-Sep-11	0	0.5	Normal	SO	Pu-239/240	0.0109	pCi/g	0.0211	0.00704		
7-00139	22-Sep-11	0	0.5	Normal	SO	Pu-239/240	0.00929	pCi/g	0.018	0.00602		
7-00165	16-Sep-11	0	0.5	Normal	SO	Pu-239/240	0.00452	pCi/g	0.00613	0.0032		
7-00140	22-Sep-11	0	0.5	Normal	SO	Pu-239/240	0.00686	pCi/g	0.0192	0.00564		
7-00151	22-Sep-11	0	0.5	Normal	SO	Pu-239/240	0.0121	pCi/g	0.0172	0.00619		

LocationName	DateCollected	BeginDepth	EndDepth	SampleType	Matrix	AnalyteID	Activity	Rpt_Units	MDC	Count_Uncertainity	LabFlag	DV_Qualifier
7-00052	16-Sep-11	0	0.5	Normal	SO	Sr-90	0.324	pCi/g	0.174	0.0666		
7-00100	16-Sep-11	0	0.5	Normal	SO	Sr-90	0.228	pCi/g	0.217	0.0719		
7-00022	16-Sep-11	0	0.5	Normal	SO	Sr-90	0.151	pCi/g	0.216	0.0681		
7-00023	21-Sep-11	0	0.5	Normal	SO	Sr-90	0.303	pCi/g	0.303	0.101		
7-00061	21-Sep-11	0	0.5	Normal	SO	Sr-90	-0.0495	pCi/g	0.285	0.0715	U	U
7-00054	16-Sep-11	0	0.5	Normal	SO	Sr-90	-0.00497	pCi/g	0.297	0.0802	U	U
7-00069	23-Sep-11	0	0.5	Normal	SO	Sr-90	0.0974	pCi/g	0.258	0.0764	U	U
7-00179	16-Sep-11	0	0.5	Normal	SO	Sr-90	0.138	pCi/g	0.216	0.0673		
7-00184	16-Sep-11	0	0.5	Normal	SO	Sr-90	0.152	pCi/g	0.183	0.0613		
7-00142	21-Sep-11	0	0.5	Normal	SO	Sr-90	-0.0824	pCi/g	0.359	0.0967	U	U
7-00143	21-Sep-11	0	0.5	Normal	SO	Sr-90	0.983	pCi/g	0.305	0.134		
7-00152	23-Sep-11	0	0.5	Normal	SO	Sr-90	-0.11	pCi/g	0.324	0.0831	U	U
7-00153	23-Sep-11	0	0.25	Normal	SO	Sr-90	0.125	pCi/g	0.235	0.0729	U	U
7-00009	16-Sep-11	0	0.5	Normal	SO	Sr-90	0.491	pCi/g	0.364	0.126		
7-00011	22-Sep-11	0	0.5	Normal	SO	Sr-90	-0.064	pCi/g	0.228	0.0568	U	U
7-00012	22-Sep-11	0	0.5	Normal	SO	Sr-90	0.392	pCi/g	0.277	0.0986		
7-00013	22-Sep-11	0	0.5	Normal	SO	Sr-90	0.498	pCi/g	0.215	0.0857		
7-00015	22-Sep-11	0	0.5	Normal	SO	Sr-90	14.3	pCi/g	0.223	0.411		
7-00016	22-Sep-11	0	0.5	Normal	SO	Sr-90	0.444	pCi/g	0.154	0.0706		
7-00017	16-Sep-11	0	0.5	Normal	SO	Sr-90	0.0149	pCi/g	0.167	0.0462	U	U
7-00020	22-Sep-11	0	0.5	Normal	SO	Sr-90	0.445	pCi/g	0.264	0.0961		
7-00044	16-Sep-11	0	0.5	Normal	SO	Sr-90	0.00272	pCi/g	0.14	0.0373	U	U
7-00083	16-Sep-11	0	0.5	Normal	SO	Sr-90	0.205	pCi/g	0.133	0.0504		
7-00053	16-Sep-11	0	0.5	Normal	SO	Sr-90	-0.0531	pCi/g	0.149	0.0353	U	U
7-00055	22-Sep-11	0	0.5	Normal	SO	Sr-90	0.209	pCi/g	0.237	0.077		
7-00099	14-Sep-11	0	0.5	Normal	SO	Sr-90	-0.0434	pCi/g	0.185	0.0439	U	U
7-00101	22-Sep-11	0	0.5	Normal	SO	Sr-90	0.193	pCi/g	0.279	0.0884		
7-00139	22-Sep-11	0	0.5	Normal	SO	Sr-90	1.25	pCi/g	0.245	0.137		
7-00165	16-Sep-11	0	0.5	Normal	SO	Sr-90	0.221	pCi/g	0.183	0.0628		
7-00140	22-Sep-11	0	0.5	Normal	SO	Sr-90	0.996	pCi/g	0.235	0.119		
7-00151	22-Sep-11	0	0.5	Normal	SO	Sr-90	0.608	pCi/g	0.239	0.0949		
7-00235	30-May-12	0	0.5	Normal	SO	Sr-90	-0.00661	pCi/g	0.19	0.0507	U	U
7-00236	30-May-12	0	0.5	Normal	SO	Sr-90	0.171	pCi/g	0.162	0.0558		
7-00237	30-May-12	0	0.5	Normal	SO	Sr-90	0.106	pCi/g	0.216	0.0659	U	U
7-00238	30-May-12	0	0.5	Normal	SO	Sr-90	0.445	pCi/g	0.16	0.0767		
7-00248	31-May-12	0	0.5	Normal	SO	Sr-90	0.291	pCi/g	0.25	0.0869		
7-00249	31-May-12	0	0.5	Normal	SO	Sr-90	1.27	pCi/g	0.167	0.116		Y
7-00250	04-Jun-12	0	0.5	Normal	SO	Sr-90	-0.105	pCi/g	0.291	0.0723	U	U
7-00251	04-Jun-12	0	0.5	Normal	SO	Sr-90	5.37	pCi/g	0.265	0.244		Y
7-00252	31-May-12	0	0.5	Normal	SO	Sr-90	5	pCi/g	0.374	0.283		Y

LocationName	DateCollected	BeginDepth	EndDepth	SampleType	Matrix	AnalyteID	Activity	Rpt_Units	MDC	Count_Uncertainity	LabFlag	DV_Qualifier
7-00253	31-May-12	0	0.5	Normal	SO	Sr-90	2.35	pCi/g	0.279	0.187		Y
7-00254	05-Jun-12	0	0.5	Normal	SO	Sr-90	0.0487	pCi/g	0.273	0.0784	U	U
7-00255	05-Jun-12	0	0.5	Normal	SO	Sr-90	0.864	pCi/g	0.368	0.153		Y
7-00256	05-Jun-12	0	0.5	Normal	SO	Sr-90	0.00708	pCi/g	0.163	0.0439	U	U

LocationName	DateCollected	BeginDepth	EndDepth	Matrix	AnalyteID	Activity	Rpt_Units	MDC	Count_Uncertainity	LabFlag	DV_Qualifier
6-00102	11-Jul-11	0	0.5	SO	Am-241	0	pCi/g	0.0192	0.00451	U	U
6-00109	12-Jul-11	0	0.5	SO	Am-241	0.0223	pCi/g	0.0289	0.0101		
6-00111	12-Jul-11	0	0.5	SO	Am-241	0.00118	pCi/g	0.0166	0.00366	U	U
6-00113	12-Jul-11	0	0.5	SO	Am-241	0.00442	pCi/g	0.012	0.00442		
6-00128	18-Jul-11	0	0.5	SO	Am-241	-0.00271	pCi/g	0.024	0.00464	UJ	UJ
6-00129	18-Jul-11	0	0.5	SO	Am-241	0.000636	pCi/g	0.0145	0.0028	U	U
6-00130	18-Jul-11	0	0.5	SO	Am-241	0	pCi/g	0.00624	0.0023		
6-00131	18-Jul-11	0	0.5	SO	Am-241	0.00514	pCi/g	0.00696	0.00363		
6-00132	18-Jul-11	0	0.5	SO	Am-241	0.00652	pCi/g	0.00589	0.00376		
6-00134	18-Jul-11	0	0.5	SO	Am-241	0.00852	pCi/g	0.0262	0.00747	UJ	UJ
6-00142	18-Jul-11	0	0.5	SO	Am-241	0.00837	pCi/g	0.00567	0.00419		
6-00143	18-Jul-11	0	0.5	SO	Am-241	0.0116	pCi/g	0.0123	0.00499		
6-00144	18-Jul-11	0	0.5	SO	Am-241	0.0024	pCi/g	0.0258	0.00609	UJ	UJ
6-00145	18-Jul-11	0	0.5	SO	Am-241	0.000938	pCi/g	0.0255	0.00602	U	U
6-00146	18-Jul-11	0	0.5	SO	Am-241	0.00304	pCi/g	0.0236	0.00598	U	U
6-00147	18-Jul-11	0	0.5	SO	Am-241	0.00198	pCi/g	0.0279	0.00616	UJ	UJ
6-00148	18-Jul-11	0	0.5	SO	Am-241	0.0183	pCi/g	0.0168	0.00722		
6-00149	11-Jul-11	0	0.5	SO	Am-241	0.0112	pCi/g	0.0103	0.00443		
6-00150	18-Jul-11	0	0.5	SO	Am-241	0.00832	pCi/g	0.00376	0.0034		
6-00278	13-Jul-11	0	0.5	SO	Am-241	0.000243	pCi/g	0.0203	0.00457	U	U
6-00282	30-Nov-11	0	0.5	SO	Am-241	0.00906	pCi/g	0.0213	0.00648		
6-00283	30-Nov-11	0	0.5	SO	Am-241	-0.00614	pCi/g	0.0214	0.00374	U	U
6-00284	30-Nov-11	0	0.5	SO	Am-241	0.00203	pCi/g	0.00551	0.00203		
6-00290	11-Jul-11	0	0.5	SO	Am-241	0.0101	pCi/g	0.0174	0.00585		
6-00291	11-Jul-11	0	0.5	SO	Am-241	0.00598	pCi/g	0.0139	0.00423		
6-00292	11-Jul-11	0	0.5	SO	Am-241	0.00273	pCi/g	0.0136	0.00339	U	U
6-00293	18-Jul-11	0	0.5	SO	Am-241	0.0105	pCi/g	0.0181	0.00609		
6-00294	18-Jul-11	0	0.25	SO	Am-241	0.0105	pCi/g	0.0423	0.0117	UJ	UJ
6-00295	11-Jul-11	0	0.5	SO	Am-241	0.00495	pCi/g	0.0198	0.00548	U	U
6-00296	15-Jul-11	0	0.5	SO	Am-241	0.0141	pCi/g	0.0262	0.00817		
6-00297	11-Jul-11	0	0.5	SO	Am-241	-1.25E-09	pCi/g	0.0197	0.00475	U	U
6-00298	11-Jul-11	0	0.5	SO	Am-241	0.0165	pCi/g	0.00448	0.00523		
6-00299	12-Jul-11	0	0.5	SO	Am-241	0.00237	pCi/g	0.00643	0.00237		

LocationName	DateCollected	BeginDepth	EndDepth	Matrix	AnalyteID	Activity	Rpt_Units	MDC	Count_Uncertainity	LabFlag	DV_Qualifier
6-00102	11-Jul-11	0	0.5	SO	Cs-137	0.0199	pCi/g	0.019	0.00706		
6-00109	12-Jul-11	0	0.5	SO	Cs-137	0.0563	pCi/g	0.0167	0.00818		
6-00111	12-Jul-11	0	0.5	SO	Cs-137	0.0242	pCi/g	0.0153	0.00692		
6-00113	12-Jul-11	0	0.5	SO	Cs-137	0.0751	pCi/g	0.0193	0.00751		
6-00128	18-Jul-11	0	0.5	SO	Cs-137	0.0633	pCi/g	0.0154	0.00685		
6-00129	18-Jul-11	0	0.5	SO	Cs-137	0.0472	pCi/g	0.015	0.00657		
6-00130	18-Jul-11	0	0.5	SO	Cs-137	0.355	pCi/g	0.0215	0.0199		
6-00131	18-Jul-11	0	0.5	SO	Cs-137	0.535	pCi/g	0.0178	0.0258		
6-00132	18-Jul-11	0	0.5	SO	Cs-137	0.257	pCi/g	0.0188	0.0146		
6-00134	18-Jul-11	0	0.5	SO	Cs-137	0.935	pCi/g	0.0223	0.0439		
6-00142	18-Jul-11	0	0.5	SO	Cs-137	0.596	pCi/g	0.0177	0.0278		
6-00143	18-Jul-11	0	0.5	SO	Cs-137	0.189	pCi/g	0.011	0.00931		
6-00144	18-Jul-11	0	0.5	SO	Cs-137	0.321	pCi/g	0.0148	0.0163		
6-00145	18-Jul-11	0	0.5	SO	Cs-137	0.378	pCi/g	0.0152	0.0177		
6-00146	18-Jul-11	0	0.5	SO	Cs-137	2.33	pCi/g	0.0173	0.0964		
6-00147	18-Jul-11	0	0.5	SO	Cs-137	0.391	pCi/g	0.0143	0.0185		
6-00148	18-Jul-11	0	0.5	SO	Cs-137	1.01	pCi/g	0.0201	0.0475		
6-00149	11-Jul-11	0	0.5	SO	Cs-137	4.36	pCi/g	0.0148	0.177		
6-00150	18-Jul-11	0	0.5	SO	Cs-137	1.03	pCi/g	0.0129	0.0434		
6-00278	13-Jul-11	0	0.5	SO	Cs-137	0.405	pCi/g	0.0172	0.0195		
6-00282	30-Nov-11	0	0.5	SO	Cs-137	0.0433	pCi/g	0.0128	0.00912		
6-00283	30-Nov-11	0	0.5	SO	Cs-137	0.0105	pCi/g	0.0173	0.00466		
6-00284	30-Nov-11	0	0.5	SO	Cs-137	-0.00211	pCi/g	0.0162	0.0048	U	U
6-00290	11-Jul-11	0	0.5	SO	Cs-137	24.3	pCi/g	0.0217	0.986		
6-00291	11-Jul-11	0	0.5	SO	Cs-137	2.18	pCi/g	0.0127	0.0899		
6-00292	11-Jul-11	0	0.5	SO	Cs-137	0.894	pCi/g	0.0131	0.0383		
6-00293	18-Jul-11	0	0.5	SO	Cs-137	46.4	pCi/g	0.0336	1.88		
6-00294	18-Jul-11	0	0.25	SO	Cs-137	11.3	pCi/g	0.028	0.508		
6-00295	11-Jul-11	0	0.5	SO	Cs-137	0.0285	pCi/g	0.0137	0.00649		
6-00296	15-Jul-11	0	0.5	SO	Cs-137	1.35	pCi/g	0.0123	0.0568		
6-00297	11-Jul-11	0	0.5	SO	Cs-137	2.51	pCi/g	0.0125	0.103		
6-00298	11-Jul-11	0	0.5	SO	Cs-137	3.02	pCi/g	0.0129	0.123		
6-00299	12-Jul-11	0	0.5	SO	Cs-137	1.02	pCi/g	0.0223	0.0458		
6-00329	12-Apr-12	0	0.5	SO	Cs-137	0.22	pCi/g	0.0172	0.0125		Y
6-00330	20-Mar-12	0	0.5	SO	Cs-137	0.324	pCi/g	0.0193	0.017		Y
6-00331	20-Mar-12	0	0.5	SO	Cs-137	0.115	pCi/g	0.0198	0.0103		
6-00344	22-Mar-12	0	0.5	SO	Cs-137	-0.00127	pCi/g	0.0153	0.00447	U	U
6-00345	22-Mar-12	0	0.5	SO	Cs-137	0.0235	pCi/g	0.0165	0.00756		
6-00346	22-Mar-12	0	0.5	SO	Cs-137	0.00159	pCi/g	0.0192	0.0056	U	U
6-00347	22-Mar-12	0	0.5	SO	Cs-137	-0.00108	pCi/g	0.027	0.00794	U	U
6-00348	18-Apr-12	0	0.5	SO	Cs-137	0.256	pCi/g	0.0178	0.0142		Y
6-00349	23-Mar-12	0	0.5	SO	Cs-137	0.108	pCi/g	0.0177	0.00927		

LocationName	DateCollected	BeginDepth	EndDepth	Matrix	AnalyteID	Activity	Rpt_Units	MDC	Count_Uncertainity	LabFlag	DV_Qualifier
6-00350	18-Apr-12	0	0.5	SO	Cs-137	0.689	pCi/g	0.0176	0.0307		Y
6-00423	10-Apr-12	0	0.5	SO	Cs-137	0.0673	pCi/g	0.018	0.00809		
6-00424	12-Apr-12	0	0.5	SO	Cs-137	0.407	pCi/g	0.023	0.022		Y
6-00425	12-Apr-12	0	0.5	SO	Cs-137	0.176	pCi/g	0.0204	0.0133		

LocationName	DateCollected	BeginDepth	EndDepth	Matrix	AnalyteID	Activity	Rpt_Units	MDC	Count_Uncertainity	LabFlag	DV_Qualifier
6-00102	11-Jul-11	0	0.5	SO	Co-60	0.00354	pCi/g	0.0197	0.00571	U	U
6-00109	12-Jul-11	0	0.5	SO	Co-60	0.0082	pCi/g	0.0171	0.00478	U	U
6-00111	12-Jul-11	0	0.5	SO	Co-60	-0.00239	pCi/g	0.0176	0.00521	U	U
6-00113	12-Jul-11	0	0.5	SO	Co-60	-0.00642	pCi/g	0.0196	0.00587	U	U
6-00128	18-Jul-11	0	0.5	SO	Co-60	0.00357	pCi/g	0.0163	0.0047	U	U
6-00129	18-Jul-11	0	0.5	SO	Co-60	0.0114	pCi/g	0.0175	0.0048	J	J
6-00130	18-Jul-11	0	0.5	SO	Co-60	0.00328	pCi/g	0.0218	0.00629	U	U
6-00131	18-Jul-11	0	0.5	SO	Co-60	0.00219	pCi/g	0.02	0.00578	U	U
6-00132	18-Jul-11	0	0.5	SO	Co-60	-0.000186	pCi/g	0.0219	0.00625	U	U
6-00134	18-Jul-11	0	0.5	SO	Co-60	0.00358	pCi/g	0.0175	0.005	U	U
6-00142	18-Jul-11	0	0.5	SO	Co-60	0.00329	pCi/g	0.0189	0.00547	U	U
6-00143	18-Jul-11	0	0.5	SO	Co-60	-0.0000553	pCi/g	0.0119	0.00357	U	U
6-00144	18-Jul-11	0	0.5	SO	Co-60	-0.00147	pCi/g	0.0145	0.00423	U	U
6-00145	02-Aug-11	0	4.5	SO	Co-60	-0.00271	pCi/g	0.0149	0.00448	U	U
6-00146	18-Jul-11	0	0.5	SO	Co-60	0.000692	pCi/g	0.0163	0.00484	U	U
6-00147	18-Jul-11	0	0.5	SO	Co-60	0.00866	pCi/g	0.016	0.00455	J	J
6-00148	18-Jul-11	0	0.5	SO	Co-60	0.0101	pCi/g	0.0213	0.00601	U	U
6-00149	11-Jul-11	0	0.5	SO	Co-60	-0.00313	pCi/g	0.0133	0.00401	U	U
6-00150	18-Jul-11	0	0.5	SO	Co-60	0.0101	pCi/g	0.0145	0.0048	J	J
6-00278	13-Jul-11	0	0.5	SO	Co-60	0.00604	pCi/g	0.0181	0.0051	U	U
6-00282	30-Nov-11	0	0.5	SO	Co-60	-0.00274	pCi/g	0.0137	0.00413	U	U
6-00283	30-Nov-11	0	0.5	SO	Co-60	0.00207	pCi/g	0.0167	0.00483	U	U
6-00284	30-Nov-11	0	0.5	SO	Co-60	-0.00702	pCi/g	0.0154	0.00468	U	U
6-00290	11-Jul-11	0	0.5	SO	Co-60	0.048	pCi/g	0.0149	0.00586		
6-00291	11-Jul-11	0	0.5	SO	Co-60	0.00136	pCi/g	0.0116	0.00345	U	U
6-00292	11-Jul-11	0	0.5	SO	Co-60	0.00668	pCi/g	0.0132	0.0038	J	J
6-00293	18-Jul-11	0	0.5	SO	Co-60	0.00141	pCi/g	0.0185	0.00542	U	U
6-00294	18-Jul-11	0	0.25	SO	Co-60	0.00739	pCi/g	0.0231	0.00642	U	U
6-00295	11-Jul-11	0	0.5	SO	Co-60	0.00186	pCi/g	0.0147	0.00432	U	U
6-00296	15-Jul-11	0	0.5	SO	Co-60	0.000872	pCi/g	0.0117	0.00343	U	U
6-00297	11-Jul-11	0	0.5	SO	Co-60	0.0034	pCi/g	0.0123	0.00361	U	U
6-00298	11-Jul-11	0	0.5	SO	Co-60	-0.00117	pCi/g	0.0116	0.00342	U	U
6-00299	12-Jul-11	0	0.5	SO	Co-60	0.00793	pCi/g	0.0252	0.00701	U	U
6-00329	12-Apr-12	0	0.5	SO	Co-60	0.00594	pCi/g	0.0186	0.00528	U	U
6-00330	20-Mar-12	0	0.5	SO	Co-60	-0.00622	pCi/g	0.0198	0.00594	U	U
6-00331	20-Mar-12	0	0.5	SO	Co-60	0.007	pCi/g	0.0172	0.00494	U	U
6-00344	22-Mar-12	0	0.5	SO	Co-60	0.00356	pCi/g	0.0173	0.00495	U	U
6-00345	22-Mar-12	0	0.5	SO	Co-60	0.000418	pCi/g	0.0179	0.00517	U	U
6-00346	22-Mar-12	0	0.5	SO	Co-60	0.00401	pCi/g	0.0187	0.00537	U	U
6-00347	22-Mar-12	0	0.5	SO	Co-60	0.00115	pCi/g	0.0276	0.00796	U	U

LocationName	DateCollected	BeginDepth	EndDepth	Matrix	AnalyteID	Activity	Rpt_Units	MDC	Count_Uncertainity	LabFlag	DV_Qualifier
6-00348	18-Apr-12	0	0.5	SO	Co-60	0.00912	pCi/g	0.0199	0.00559	U	U
6-00349	23-Mar-12	0	0.5	SO	Co-60	0.00274	pCi/g	0.0166	0.00476	U	U
6-00350	18-Apr-12	0	0.5	SO	Co-60	-0.00237	pCi/g	0.0157	0.00457	U	U
6-00423	10-Apr-12	0	0.5	SO	Co-60	0.00489	pCi/g	0.0173	0.00484	U	U
6-00424	12-Apr-12	0	0.5	SO	Co-60	-0.00966	pCi/g	0.0185	0.00576	U	U
6-00425	12-Apr-12	0	0.5	SO	Co-60	0.00375	pCi/g	0.0197	0.0057	U	U

LocationName	DateCollected	BeginDepth	EndDepth	Matrix	AnalyteID	Activity	Rpt_Units	MDC	Count_Uncertainity	LabFlag	DV_Qualifier
6-00102	11-Jul-11	0	0.5	SO	Cm-243/244	0	pCi/g	0.0149	0.00322	U	U
6-00109	12-Jul-11	0	0.5	SO	Cm-243/244	0.0015	pCi/g	0.0212	0.00468	U	U
6-00111	12-Jul-11	0	0.5	SO	Cm-243/244	0.00178	pCi/g	0.0192	0.00453	U	U
6-00113	12-Jul-11	0	0.5	SO	Cm-243/244	0.00125	pCi/g	0.0285	0.00551	UJ	UJ
6-00128	18-Jul-11	0	0.5	SO	Cm-243/244	0	pCi/g	0.0103	0.00381		
6-00129	18-Jul-11	0	0.5	SO	Cm-243/244	0.00588	pCi/g	0.0181	0.00515	U	U
6-00130	18-Jul-11	0	0.5	SO	Cm-243/244	0.00298	pCi/g	0.0148	0.00369	U	U
6-00131	18-Jul-11	0	0.5	SO	Cm-243/244	0.00259	pCi/g	0.00703	0.00259		
6-00132	18-Jul-11	0	0.5	SO	Cm-243/244	-0.00158	pCi/g	0.014	0.0027	U	U
6-00134	18-Jul-11	0	0.5	SO	Cm-243/244	0.00381	pCi/g	0.0187	0.00488	U	U
6-00142	18-Jul-11	0	0.5	SO	Cm-243/244	0.00203	pCi/g	0.0262	0.00656	U	U
6-00143	18-Jul-11	0	0.5	SO	Cm-243/244	0.00671	pCi/g	0.0201	0.00581	U	U
6-00144	18-Jul-11	0	0.5	SO	Cm-243/244	0.00242	pCi/g	0.0261	0.00615	UJ	UJ
6-00145	18-Jul-11	0	0.5	SO	Cm-243/244	0.00123	pCi/g	0.0324	0.00808	U	U
6-00146	18-Jul-11	0	0.5	SO	Cm-243/244	0.0028	pCi/g	0.014	0.00348	U	U
6-00147	18-Jul-11	0	0.5	SO	Cm-243/244	0.00357	pCi/g	0.00968	0.00357		
6-00148	18-Jul-11	0	0.5	SO	Cm-243/244	0.0023	pCi/g	0.0214	0.00515	UJ	UJ
6-00149	11-Jul-11	0	0.5	SO	Cm-243/244	-0.00141	pCi/g	0.017	0.00374	U	U
6-00150	18-Jul-11	0	0.5	SO	Cm-243/244	0.00279	pCi/g	0.0103	0.00279	U	U
6-00278	13-Jul-11	0	0.5	SO	Cm-243/244	0.0082	pCi/g	0.00555	0.0041		
6-00282	30-Nov-11	0	0.5	SO	Cm-243/244	0.00633	pCi/g	0.0276	0.00751	U	U
6-00283	30-Nov-11	0	0.5	SO	Cm-243/244	0.00913	pCi/g	0.0136	0.00501		
6-00284	30-Nov-11	0	0.5	SO	Cm-243/244	-0.00293	pCi/g	0.016	0.0029	U	U
6-00290	11-Jul-11	0	0.5	SO	Cm-243/244	0.00285	pCi/g	0.0142	0.00354	U	U
6-00291	11-Jul-11	0	0.5	SO	Cm-243/244	-0.00452	pCi/g	0.0181	0.00337	U	U
6-00292	11-Jul-11	0	0.5	SO	Cm-243/244	-0.0062	pCi/g	0.0216	0.00378	U	U
6-00293	18-Jul-11	0	0.5	SO	Cm-243/244	0.00297	pCi/g	0.0148	0.00368	U	U
6-00294	18-Jul-11	0	0.25	SO	Cm-243/244	0.00837	pCi/g	0.0258	0.00733	UJ	UJ
6-00295	11-Jul-11	0	0.5	SO	Cm-243/244	0.00499	pCi/g	0.0123	0.00372		
6-00296	15-Jul-11	0	0.5	SO	Cm-243/244	-0.00158	pCi/g	0.0238	0.00571	U	U
6-00297	11-Jul-11	0	0.5	SO	Cm-243/244	0.00303	pCi/g	0.0141	0.00371	U	U
6-00298	11-Jul-11	0	0.5	SO	Cm-243/244	0.00333	pCi/g	0.0179	0.00471	U	U
6-00299	12-Jul-11	0	0.5	SO	Cm-243/244	0.00547	pCi/g	0.0153	0.0045		

LocationName	DateCollected	BeginDepth	EndDepth	Matrix	AnalyteID	Activity	Rpt_Units	MDC	Count_Uncertainity	LabFlag	DV_Qualifier
6-00102	11-Jul-11	0	0.5	SO	Eu-152	0.00401	pCi/g	0.0471	0.0159	U	U
6-00109	12-Jul-11	0	0.5	SO	Eu-152	0.00563	pCi/g	0.0439	0.0153	U	U
6-00111	12-Jul-11	0	0.5	SO	Eu-152	-0.0245	pCi/g	0.0412	0.0156	U	U
6-00113	12-Jul-11	0	0.5	SO	Eu-152	-0.0248	pCi/g	0.0502	0.0186	U	U
6-00128	18-Jul-11	0	0.5	SO	Eu-152	-0.03	pCi/g	0.0362	0.0113	UJ	UJ
6-00129	18-Jul-11	0	0.5	SO	Eu-152	-0.0319	pCi/g	0.0327	0.0108	UJ	UJ
6-00130	18-Jul-11	0	0.5	SO	Eu-152	0.00694	pCi/g	0.0531	0.0179	U	U
6-00131	18-Jul-11	0	0.5	SO	Eu-152	-0.0338	pCi/g	0.0509	0.0191	U	U
6-00132	18-Jul-11	0	0.5	SO	Eu-152	0.0228	pCi/g	0.0493	0.0158	U	U
6-00134	18-Jul-11	0	0.5	SO	Eu-152	-0.0155	pCi/g	0.061	0.02	U	U
6-00142	18-Jul-11	0	0.5	SO	Eu-152	-0.00304	pCi/g	0.0474	0.0153	U	U
6-00143	18-Jul-11	0	0.5	SO	Eu-152	0.0075	pCi/g	0.0307	0.0128	U	U
6-00144	18-Jul-11	0	0.5	SO	Eu-152	-0.00491	pCi/g	0.04	0.0133	U	U
6-00145	18-Jul-11	0	0.5	SO	Eu-152	-0.0332	pCi/g	0.0382	0.0127	UJ	UJ
6-00146	18-Jul-11	0	0.5	SO	Eu-152	-0.0105	pCi/g	0.05	0.0146	U	U
6-00147	18-Jul-11	0	0.5	SO	Eu-152	-0.0191	pCi/g	0.0418	0.0139	U	U
6-00148	18-Jul-11	0	0.5	SO	Eu-152	-0.0138	pCi/g	0.0531	0.0174	U	U
6-00149	11-Jul-11	0	0.5	SO	Eu-152	-0.012	pCi/g	0.0494	0.0192	U	U
6-00150	18-Jul-11	0	0.5	SO	Eu-152	-0.00538	pCi/g	0.0372	0.0122	U	U
6-00278	13-Jul-11	0	0.5	SO	Eu-152	-0.005	pCi/g	0.0499	0.0223	U	U
6-00282	30-Nov-11	0	0.5	SO	Eu-152	-0.0144	pCi/g	0.0362	0.0108	U	U
6-00283	30-Nov-11	0	0.5	SO	Eu-152	-0.0145	pCi/g	0.043	0.0153	U	U
6-00284	30-Nov-11	0	0.5	SO	Eu-152	-0.011	pCi/g	0.0402	0.0131	U	U
6-00290	11-Jul-11	0	0.5	SO	Eu-152	-0.0414	pCi/g	0.0918	0.0294	U	U
6-00291	11-Jul-11	0	0.5	SO	Eu-152	-0.0161	pCi/g	0.0363	0.0131	U	U
6-00292	11-Jul-11	0	0.5	SO	Eu-152	-0.0104	pCi/g	0.0335	0.011	U	U
6-00293	18-Jul-11	0	0.5	SO	Eu-152	-0.0284	pCi/g	0.154	0.0489	U	U
6-00294	18-Jul-11	0	0.25	SO	Eu-152	-0.0162	pCi/g	0.101	0.0348	U	U
6-00295	11-Jul-11	0	0.5	SO	Eu-152	-0.0158	pCi/g	0.0371	0.0123	U	U
6-00296	15-Jul-11	0	0.5	SO	Eu-152	-0.0359	pCi/g	0.0317	0.00995	UJ	UJ
6-00297	11-Jul-11	0	0.5	SO	Eu-152	-0.0357	pCi/g	0.0394	0.0157	UJ	UJ
6-00298	11-Jul-11	0	0.5	SO	Eu-152	-0.0185	pCi/g	0.0374	0.0117	U	U
6-00299	12-Jul-11	0	0.5	SO	Eu-152	-0.0325	pCi/g	0.052	0.0156	U	U
6-00329	12-Apr-12	0	0.5	SO	Eu-152	-0.0106	pCi/g	0.0501	0.0173	U	U
6-00330	20-Mar-12	0	0.5	SO	Eu-152	0.00961	pCi/g	0.052	0.0166	U	U
6-00331	20-Mar-12	0	0.5	SO	Eu-152	0.0101	pCi/g	0.0495	0.0191	U	U
6-00344	22-Mar-12	0	0.5	SO	Eu-152	-0.0019	pCi/g	0.0417	0.0162	U	U
6-00345	22-Mar-12	0	0.5	SO	Eu-152	0.0325	pCi/g	0.0469	0.0164	J	J
6-00346	22-Mar-12	0	0.5	SO	Eu-152	-0.0169	pCi/g	0.0474	0.0156	U	U
6-00347	22-Mar-12	0	0.5	SO	Eu-152	-0.0292	pCi/g	0.0641	0.0226	U	U

LocationName	DateCollected	BeginDepth	EndDepth	Matrix	AnalyteID	Activity	Rpt_Units	MDC	Count_Uncertainity	LabFlag	DV_Qualifier
6-00348	18-Apr-12	0	0.5	SO	Eu-152	-0.041	pCi/g	0.0471	0.016	UJ	U J
6-00349	23-Mar-12	0	0.5	SO	Eu-152	0.0108	pCi/g	0.0429	0.0144	U	U
6-00350	18-Apr-12	0	0.5	SO	Eu-152	-0.0208	pCi/g	0.0451	0.0165	U	U
6-00423	10-Apr-12	0	0.5	SO	Eu-152	0.0242	pCi/g	0.0479	0.0235	J	J
6-00424	12-Apr-12	0	0.5	SO	Eu-152	0.00136	pCi/g	0.0576	0.0293	U	U
6-00425	12-Apr-12	0	0.5	SO	Eu-152	-0.0269	pCi/g	0.0512	0.0162	U	U

LocationName	DateCollected	BeginDepth	EndDepth	Matrix	AnalyteID	Activity	Rpt_Units	MDC	Count_Uncertainity	LabFlag	DV_Qualifier
6-00102	11-Jul-11	0	0.5	SO	Pu-238	0	pCi/g	0.021	0.00516	U	U
6-00109	12-Jul-11	0	0.5	SO	Pu-238	0.00991	pCi/g	0.031	0.0089	U	U
6-00111	12-Jul-11	0	0.5	SO	Pu-238	-0.000126	pCi/g	0.0392	0.00928	U	U
6-00113	12-Jul-11	0	0.5	SO	Pu-238	0.0119	pCi/g	0.0289	0.00867		
6-00128	18-Jul-11	0	0.5	SO	Pu-238	-0.00904	pCi/g	0.0369	0.00705	U	U
6-00129	18-Jul-11	0	0.5	SO	Pu-238	0.00377	pCi/g	0.0294	0.00742	U	U
6-00130	18-Jul-11	0	0.5	SO	Pu-238	-0.00545	pCi/g	0.0228	0.00397	U	U
6-00131	18-Jul-11	0	0.5	SO	Pu-238	0.00234	pCi/g	0.0117	0.0029	U	U
6-00132	18-Jul-11	0	0.5	SO	Pu-238	-0.00293	pCi/g	0.0161	0.00291	U	U
6-00134	18-Jul-11	0	0.5	SO	Pu-238	0.0114	pCi/g	0.043	0.0121	U	U
6-00142	18-Jul-11	0	0.5	SO	Pu-238	-0.0045	pCi/g	0.0306	0.00602	U	U
6-00143	18-Jul-11	0	0.5	SO	Pu-238	-0.00468	pCi/g	0.0424	0.0105	UJ	UJ
6-00144	18-Jul-11	0	0.5	SO	Pu-238	0.000545	pCi/g	0.0124	0.0024	U	U
6-00145	18-Jul-11	0	0.5	SO	Pu-238	-0.00403	pCi/g	0.0221	0.004	U	U
6-00146	18-Jul-11	0	0.5	SO	Pu-238	0.00639	pCi/g	0.0373	0.00994	U	U
6-00147	18-Jul-11	0	0.5	SO	Pu-238	0.00371	pCi/g	0.0332	0.00816	U	U
6-00148	18-Jul-11	0	0.5	SO	Pu-238	0.00262	pCi/g	0.0185	0.00489	U	U
6-00149	11-Jul-11	0	0.5	SO	Pu-238	0.00998	pCi/g	0.0262	0.00773	U	U
6-00150	18-Jul-11	0	0.5	SO	Pu-238	-0.00334	pCi/g	0.0185	0.00431	U	U
6-00278	13-Jul-11	0	0.5	SO	Pu-238	0.00555	pCi/g	0.0262	0.00696	U	U
6-00282	30-Nov-11	0	0.5	SO	Pu-238	0.00423	pCi/g	0.00574	0.00299		
6-00283	30-Nov-11	0	0.5	SO	Pu-238	0	pCi/g	0.00499	0.00184		
6-00284	30-Nov-11	0	0.5	SO	Pu-238	-0.00441	pCi/g	0.0185	0.00326	U	U
6-00290	11-Jul-11	0	0.5	SO	Pu-238	-0.00807	pCi/g	0.0446	0.00958	UJ	UJ
6-00291	11-Jul-11	0	0.5	SO	Pu-238	-0.00164	pCi/g	0.0153	0.00284	U	U
6-00292	11-Jul-11	0	0.5	SO	Pu-238	-0.00138	pCi/g	0.0251	0.00546	U	U
6-00293	18-Jul-11	0	0.5	SO	Pu-238	0.00717	pCi/g	0.0325	0.00875	U	U
6-00294	18-Jul-11	0	0.25	SO	Pu-238	-0.00707	pCi/g	0.0296	0.00515	U	U
6-00295	11-Jul-11	0	0.5	SO	Pu-238	-0.00121	pCi/g	0.0202	0.005	U	U
6-00296	15-Jul-11	0	0.5	SO	Pu-238	0.0153	pCi/g	0.0639	0.018	UJ	U
6-00297	11-Jul-11	0	0.5	SO	Pu-238	0.00135	pCi/g	0.019	0.00487	U	U
6-00298	11-Jul-11	0	0.5	SO	Pu-238	0	pCi/g	0.0273	0.00689	U	U
6-00299	12-Jul-11	0	0.5	SO	Pu-238	0.00757	pCi/g	0.033	0.00898	U	U
6-00345	22-Mar-12	0	0.5	SO	Pu-238	-0.00205	pCi/g	0.0309	0.00741	U	U

LocationName	DateCollected	BeginDepth	EndDepth	Matrix	AnalyteID	Activity	Rpt_Units	MDC	Count_Uncertainity	LabFlag	DV_Qualifier
6-00102	11-Jul-11	0	0.5	SO	Pu-239/240	0.00149	pCi/g	0.011	0.00258	U	U
6-00109	12-Jul-11	0	0.5	SO	Pu-239/240	0.0139	pCi/g	0.0197	0.00708		
6-00111	12-Jul-11	0	0.5	SO	Pu-239/240	0.00315	pCi/g	0.00854	0.00315		
6-00113	12-Jul-11	0	0.5	SO	Pu-239/240	0.00448	pCi/g	0.0226	0.00577	U	U
6-00128	18-Jul-11	0	0.5	SO	Pu-239/240	0.00546	pCi/g	0.0269	0.00699	U	U
6-00129	18-Jul-11	0	0.5	SO	Pu-239/240	0.00882	pCi/g	0.0171	0.00572		
6-00130	18-Jul-11	0	0.5	SO	Pu-239/240	-0.00828	pCi/g	0.0381	0.00895	U	U
6-00131	18-Jul-11	0	0.5	SO	Pu-239/240	-0.000803	pCi/g	0.0144	0.0026	U	U
6-00132	18-Jul-11	0	0.5	SO	Pu-239/240	0.00926	pCi/g	0.016	0.00539		
6-00134	18-Jul-11	0	0.5	SO	Pu-239/240	0.0165	pCi/g	0.0256	0.00874		
6-00142	18-Jul-11	0	0.5	SO	Pu-239/240	-0.00123	pCi/g	0.0221	0.004	U	U
6-00143	18-Jul-11	0	0.5	SO	Pu-239/240	0.00233	pCi/g	0.0172	0.00404	UJ	UJ
6-00144	18-Jul-11	0	0.5	SO	Pu-239/240	0.00583	pCi/g	0.00526	0.00336		
6-00145	18-Jul-11	0	0.5	SO	Pu-239/240	0.00279	pCi/g	0.00757	0.00279		
6-00146	18-Jul-11	0	0.5	SO	Pu-239/240	-0.0066	pCi/g	0.0332	0.00643	U	U
6-00147	18-Jul-11	0	0.5	SO	Pu-239/240	0.00515	pCi/g	0.026	0.00663	U	U
6-00148	18-Jul-11	0	0.5	SO	Pu-239/240	0.0131	pCi/g	0.00354	0.00413		
6-00149	11-Jul-11	0	0.5	SO	Pu-239/240	0.00796	pCi/g	0.0214	0.0063	U	U
6-00150	18-Jul-11	0	0.5	SO	Pu-239/240	0.00333	pCi/g	0.0103	0.00294	U	U
6-00278	13-Jul-11	0	0.5	SO	Pu-239/240	0.00946	pCi/g	0.021	0.00653		
6-00282	30-Nov-11	0	0.5	SO	Pu-239/240	0.00119	pCi/g	0.0167	0.00369	U	U
6-00283	30-Nov-11	0	0.5	SO	Pu-239/240	0.000221	pCi/g	0.0185	0.00415	U	U
6-00284	30-Nov-11	0	0.5	SO	Pu-239/240	0.00612	pCi/g	0.00553	0.00353		
6-00290	11-Jul-11	0	0.5	SO	Pu-239/240	0.0515	pCi/g	0.0294	0.0144		
6-00291	11-Jul-11	0	0.5	SO	Pu-239/240	0	pCi/g	0.0121	0.00232	U	U
6-00292	11-Jul-11	0	0.5	SO	Pu-239/240	-0.00203	pCi/g	0.0231	0.00465	U	U
6-00293	18-Jul-11	0	0.5	SO	Pu-239/240	0.00381	pCi/g	0.019	0.00473	U	U
6-00294	18-Jul-11	0	0.25	SO	Pu-239/240	0.0131	pCi/g	0.0246	0.00793		
6-00295	11-Jul-11	0	0.5	SO	Pu-239/240	0.00363	pCi/g	0.0112	0.0032	U	U
6-00296	15-Jul-11	0	0.5	SO	Pu-239/240	-0.00738	pCi/g	0.0222	0.0049	U	U
6-00297	11-Jul-11	0	0.5	SO	Pu-239/240	0.00943	pCi/g	0.00365	0.00356		
6-00298	11-Jul-11	0	0.5	SO	Pu-239/240	0.00516	pCi/g	0.0127	0.00384		
6-00299	12-Jul-11	0	0.5	SO	Pu-239/240	0.0213	pCi/g	0.0222	0.00892		
6-00345	22-Mar-12	0	0.5	SO	Pu-239/240	0.00411	pCi/g	0.0269	0.00711	U	U

LocationName	DateCollected	BeginDepth	EndDepth	Matrix	AnalyteID	Activity	Rpt_Units	MDC	Count_Uncertainity	LabFlag	DV_Qualifier
6-00102	11-Jul-11	0	0.5	SO	Sr-90	0.125	pCi/g	0.134	0.0439		
6-00109	12-Jul-11	0	0.5	SO	Sr-90	0.0146	pCi/g	0.201	0.0564	U	U
6-00111	12-Jul-11	0	0.5	SO	Sr-90	0.0253	pCi/g	0.259	0.0711	U	U
6-00113	12-Jul-11	0	0.5	SO	Sr-90	0.209	pCi/g	0.347	0.108	U	U
6-00128	18-Jul-11	0	0.5	SO	Sr-90	-0.0205	pCi/g	0.169	0.0446	U	U
6-00129	18-Jul-11	0	0.5	SO	Sr-90	0.0915	pCi/g	0.193	0.0588	U	U
6-00130	18-Jul-11	0	0.5	SO	Sr-90	-0.0218	pCi/g	0.243	0.0619	U	U
6-00131	18-Jul-11	0	0.5	SO	Sr-90	0.523	pCi/g	0.201	0.0902		
6-00132	18-Jul-11	0	0.5	SO	Sr-90	0.0978	pCi/g	0.191	0.0587	U	U
6-00134	18-Jul-11	0	0.5	SO	Sr-90	1.07	pCi/g	0.148	0.0882		
6-00142	18-Jul-11	0	0.5	SO	Sr-90	0.56	pCi/g	0.142	0.0678		
6-00143	18-Jul-11	0	0.5	SO	Sr-90	0.154	pCi/g	0.262	0.0811	U	U
6-00144	18-Jul-11	0	0.5	SO	Sr-90	0.00686	pCi/g	0.193	0.052	U	U
6-00145	18-Jul-11	0	0.5	SO	Sr-90	0.0715	pCi/g	0.172	0.0515	U	U
6-00146	18-Jul-11	0	0.5	SO	Sr-90	0.099	pCi/g	0.384	0.112	U	U
6-00147	18-Jul-11	0	0.5	SO	Sr-90	0.3	pCi/g	0.344	0.112		
6-00148	18-Jul-11	0	0.5	SO	Sr-90	0.186	pCi/g	0.199	0.0646		
6-00149	11-Jul-11	0	0.5	SO	Sr-90	0.981	pCi/g	0.708	0.261		
6-00150	18-Jul-11	0	0.5	SO	Sr-90	0.143	pCi/g	0.169	0.0557		
6-00278	13-Jul-11	0	0.5	SO	Sr-90	0.38	pCi/g	0.398	0.131		
6-00282	30-Nov-11	0	0.5	SO	Sr-90	-0.0258	pCi/g	0.202	0.0558	U	U
6-00283	30-Nov-11	0	0.5	SO	Sr-90	0.478	pCi/g	0.123	0.0625		
6-00284	30-Nov-11	0	0.5	SO	Sr-90	0.0121	pCi/g	0.145	0.0403	U	U
6-00290	11-Jul-11	0	0.5	SO	Sr-90	21.3	pCi/g	0.229	0.458		
6-00291	11-Jul-11	0	0.5	SO	Sr-90	0.167	pCi/g	0.661	0.189	U	U
6-00292	11-Jul-11	0	0.5	SO	Sr-90	-0.0677	pCi/g	0.211	0.0496	U	U
6-00293	18-Jul-11	0	0.5	SO	Sr-90	0.109	pCi/g	0.192	0.0596	U	U
6-00294	18-Jul-11	0	0.25	SO	Sr-90	2.39	pCi/g	0.187	0.137		J
6-00295	11-Jul-11	0	0.5	SO	Sr-90	0.125	pCi/g	0.128	0.0435		
6-00296	15-Jul-11	0	0.5	SO	Sr-90	0.274	pCi/g	0.228	0.0777		
6-00297	11-Jul-11	0	0.5	SO	Sr-90	-0.209	pCi/g	0.672	0.173	U	U
6-00298	11-Jul-11	0	0.5	SO	Sr-90	0.0159	pCi/g	0.118	0.0336	U	U
6-00299	12-Jul-11	0	0.5	SO	Sr-90	0.149	pCi/g	0.301	0.092	U	U
6-00329	12-Apr-12	0	0.5	SO	Sr-90	0.0739	pCi/g	0.244	0.0719	U	U
6-00330	20-Mar-12	0	0.5	SO	Sr-90	0.077	pCi/g	0.0916	0.0305		
6-00344	22-Mar-12	0	0.5	SO	Sr-90	-0.0101	pCi/g	0.17	0.0456	U	U
6-00345	22-Mar-12	0	0.5	SO	Sr-90	0.0438	pCi/g	0.165	0.048	U	U
6-00423	10-Apr-12	0	0.5	SO	Sr-90	0.113	pCi/g	0.113	0.0399		
6-00424	12-Apr-12	0	0.5	SO	Sr-90	0.163	pCi/g	0.219	0.0698		
6-00425	12-Apr-12	0	0.5	SO	Sr-90	0.0366	pCi/g	0.24	0.0684	U	U

LocationName	DateCollected	BeginDepth	EndDepth	Matrix	AnalyteID	Activity	Rpt_Units	MDC	Count_Uncertainity	LabFlag	DV_Qualifier
5A-00066	01-Mar-11	0	0.5	SO	Am-241	-0.00738	pCi/g	0.0267	0.00441	U	U
5A-00072	01-Mar-11	0	0.5	SO	Am-241	0.00558	pCi/g	0.00756	0.00395		
5A-00076	01-Mar-11	0	0.5	SO	Am-241	0.00295	pCi/g	0.0149	0.00381	U	U
5A-00077	01-Mar-11	0	0.5	SO	Am-241	0.00148	pCi/g	0.0137	0.0033	U	U
5A-00078	01-Mar-11	0	0.5	SO	Am-241	0.00751	pCi/g	0.0111	0.00397		
6-00156	20-Jul-11	0	0.5	SO	Am-241	0.00445	pCi/g	0.0124	0.00366		
6-00157	20-Jul-11	0	0.5	SO	Am-241	0.00667	pCi/g	0.0148	0.0046		
6-00158	19-Jul-11	0	0.5	SO	Am-241	0.00333	pCi/g	0.0155	0.00408	U	U
6-00159	20-Jul-11	0	0.5	SO	Am-241	0.00703	pCi/g	0.0131	0.00422		
6-00160	20-Jul-11	0	0.5	SO	Am-241	0.00282	pCi/g	0.0152	0.004	U	U
6-00161	20-Jul-11	0	0.5	SO	Am-241	0.0104	pCi/g	0.00563	0.00465		
6-00162	20-Jul-11	0	0.5	SO	Am-241	-0.000854	pCi/g	0.0153	0.00277	U	U
6-00163	20-Jul-11	0	0.5	SO	Am-241	0.00259	pCi/g	0.00954	0.00259	U	U
6-00164	20-Jul-11	0	0.5	SO	Am-241	0.0174	pCi/g	0.0207	0.00723		
6-00165	20-Jul-11	0	0.5	SO	Am-241	0.0014	pCi/g	0.00379	0.0014		
6-00166	19-Jul-11	0	0.5	SO	Am-241	0.00339	pCi/g	0.0125	0.00339	U	U
6-00167	20-Jul-11	0	0.5	SO	Am-241	0.00239	pCi/g	0.0119	0.00296	U	U
6-00171	19-Jul-11	0	0.5	SO	Am-241	0.00433	pCi/g	0.00391	0.0025		
6-00188	20-Jul-11	0	0.5	SO	Am-241	0.00575	pCi/g	0.0155	0.00455	U	U
6-00227	22-Jul-11	0	0.5	SO	Am-241	-0.000345	pCi/g	0.0195	0.00406	U	U
6-00244	22-Jul-11	0	0.5	SO	Am-241	-0.00273	pCi/g	0.0213	0.00376	U	U
6-00307	22-Jul-11	0	0.5	SO	Am-241	-0.00086	pCi/g	0.0154	0.00279	U	U
6-00308	22-Jul-11	0	0.5	SO	Am-241	-0.0025	pCi/g	0.0195	0.00345	U	U
6-00309	22-Jul-11	0	0.5	SO	Am-241	0.00272	pCi/g	0.0135	0.00337	U	U
6-00321	20-Jul-11	0	0.5	SO	Am-241	0.00121	pCi/g	0.0145	0.00362	U	U
6-00322	20-Jul-11	0	0.5	SO	Am-241	0.00153	pCi/g	0.0112	0.00265	U	U

LocationName	DateCollected	BeginDepth	EndDepth	Matrix	AnalyteID	Activity	Rpt_Units	MDC	Count_Uncertainity	LabFlag	DV_Qualifier
5A-00066	01-Mar-11	0	0.5	SO	Cs-137	0.993	pCi/g	0.0122	0.0416		Y
5A-00072	01-Mar-11	0	0.5	SO	Cs-137	0.0401	pCi/g	0.0116	0.00488		U
5A-00076	01-Mar-11	0	0.5	SO	Cs-137	0.0216	pCi/g	0.0106	0.00458		
5A-00077	01-Mar-11	0	0.5	SO	Cs-137	0.0338	pCi/g	0.0161	0.00741		
5A-00078	01-Mar-11	0	0.5	SO	Cs-137	0.113	pCi/g	0.0132	0.00776		
5A-00278	12-Jul-12	0	0.5	SO	Cs-137	0.595	pCi/g	0.019	0.0281		Y
5A-00279	13-Jul-12	0	0.5	SO	Cs-137	0.794	pCi/g	0.0197	0.0361		Y
5A-00280	13-Jul-12	0	0.5	SO	Cs-137	0.734	pCi/g	0.0208	0.0336		Y
5A-00281	12-Jul-12	0	0.5	SO	Cs-137	0.795	pCi/g	0.0205	0.0408		Y
5A-00287	12-Jul-12	0	0.5	SO	Cs-137	0.0266	pCi/g	0.0161	0.00609		
5A-00288	12-Jul-12	0	0.5	SO	Cs-137	0.0234	pCi/g	0.0164	0.00601		
6-00156	20-Jul-11	0	0.5	SO	Cs-137	0.0169	pCi/g	0.0121	0.0052		
6-00157	20-Jul-11	0	0.5	SO	Cs-137	0.032	pCi/g	0.0193	0.00948		
6-00158	19-Jul-11	0	0.5	SO	Cs-137	0.0107	pCi/g	0.0126	0.00415	J	J
6-00159	20-Jul-11	0	0.5	SO	Cs-137	0.0424	pCi/g	0.00986	0.0053		
6-00160	20-Jul-11	0	0.5	SO	Cs-137	0.0461	pCi/g	0.0109	0.00453		
6-00161	20-Jul-11	0	0.5	SO	Cs-137	0.0322	pCi/g	0.0112	0.00474		
6-00162	20-Jul-11	0	0.5	SO	Cs-137	0.0407	pCi/g	0.0134	0.00504		
6-00163	20-Jul-11	0	0.5	SO	Cs-137	0.0358	pCi/g	0.0102	0.0049		
6-00164	20-Jul-11	0	0.5	SO	Cs-137	0.00734	pCi/g	0.0167	0.00495	U	U
6-00165	20-Jul-11	0	0.5	SO	Cs-137	0.0483	pCi/g	0.0132	0.00603		
6-00166	19-Jul-11	0	0.5	SO	Cs-137	0.0407	pCi/g	0.0118	0.00497		
6-00167	20-Jul-11	0	0.5	SO	Cs-137	0.0168	pCi/g	0.0134	0.00555		
6-00171	19-Jul-11	0	0.5	SO	Cs-137	-0.0038	pCi/g	0.0178	0.00529	U	U
6-00188	20-Jul-11	0	0.5	SO	Cs-137	0.00723	pCi/g	0.0135	0.00449	J	J
6-00227	22-Jul-11	0	0.5	SO	Cs-137	0.0332	pCi/g	0.0117	0.00501		
6-00244	22-Jul-11	0	0.5	SO	Cs-137	0.124	pCi/g	0.0147	0.00852		
6-00306	22-Jul-11	0	0.5	SO	Cs-137	196	pCi/g	0.103	7.93		
6-00307	22-Jul-11	0	0.5	SO	Cs-137	2.84	pCi/g	0.0118	0.116		
6-00308	22-Jul-11	0	0.5	SO	Cs-137	0.0139	pCi/g	0.0103	0.00311		
6-00309	22-Jul-11	0	0.5	SO	Cs-137	1.27	pCi/g	0.0133	0.0548		
6-00321	20-Jul-11	0	0.5	SO	Cs-137	0.0518	pCi/g	0.0129	0.00664		
6-00322	20-Jul-11	0	0.5	SO	Cs-137	0.485	pCi/g	0.0144	0.0218		
6-00369	10-Apr-12	0	0.5	SO	Cs-137	0.111	pCi/g	0.0195	0.0116		
6-00370	16-Apr-12	0	0.5	SO	Cs-137	0.0799	pCi/g	0.0172	0.0125		
6-00371	10-Apr-12	0	0.5	SO	Cs-137	0.042	pCi/g	0.0188	0.0076		
6-00372	16-Apr-12	0	0.5	SO	Cs-137	0.099	pCi/g	0.0175	0.0097		
6-00373	06-Apr-12	0	0.5	SO	Cs-137	0.0327	pCi/g	0.0248	0.0069	J	J
6-00375	16-Apr-12	0	0.5	SO	Cs-137	0.168	pCi/g	0.0146	0.00997		
6-00376	26-Mar-12	0	0.5	SO	Cs-137	0.147	pCi/g	0.0167	0.00939		

LocationName	DateCollected	BeginDepth	EndDepth	Matrix	AnalyteID	Activity	Rpt_Units	MDC	Count_Uncertainity	LabFlag	DV_Qualifier
6-00377	27-Mar-12	0	0.5	SO	Cs-137	0.127	pCi/g	0.0163	0.0113		
6-00379	23-Mar-12	0	0.5	SO	Cs-137	0.00451	pCi/g	0.0157	0.00454	U	U
6-00381	10-Apr-12	0	0.5	SO	Cs-137	0.0721	pCi/g	0.0167	0.00816		
6-00384	26-Mar-12	0	0.5	SO	Cs-137	0.219	pCi/g	0.0167	0.0122		Y
6-00385	20-Apr-12	0	0.5	SO	Cs-137	0.35	pCi/g	0.0135	0.0169		Y

LocationName	DateCollected	BeginDepth	EndDepth	Matrix	AnalyteID	Activity	Rpt_Units	MDC	Count_Uncertainity	LabFlag	DV_Qualifier
5A-00066	01-Mar-11	0	0.5	SO	Co-60	-0.000502	pCi/g	0.0123	0.00369	U	U
5A-00072	01-Mar-11	0	0.5	SO	Co-60	-0.00409	pCi/g	0.0121	0.00378	U	U
5A-00076	01-Mar-11	0	0.5	SO	Co-60	-0.000799	pCi/g	0.01	0.00301	U	U
5A-00077	01-Mar-11	0	0.5	SO	Co-60	-0.00489	pCi/g	0.0187	0.00561	U	U
5A-00078	01-Mar-11	0	0.5	SO	Co-60	-0.00628	pCi/g	0.0137	0.00421	U	U
5A-00278	12-Jul-12	0	0.5	SO	Co-60	-0.00447	pCi/g	0.0185	0.00551	U	U
5A-00279	13-Jul-12	0	0.5	SO	Co-60	0.00891	pCi/g	0.0197	0.00555	U	U
5A-00280	13-Jul-12	0	0.5	SO	Co-60	0.0074	pCi/g	0.0192	0.00546	U	U
5A-00281	12-Jul-12	0	0.5	SO	Co-60	-0.00543	pCi/g	0.0193	0.00582	U	U
5A-00287	12-Jul-12	0	0.5	SO	Co-60	-0.00754	pCi/g	0.0177	0.00534	U	U
5A-00288	12-Jul-12	0	0.5	SO	Co-60	0.0000206	pCi/g	0.0149	0.00444	U	U
6-00156	20-Jul-11	0	0.5	SO	Co-60	0.00963	pCi/g	0.0133	0.00386	J	J
6-00157	20-Jul-11	0	0.5	SO	Co-60	0.00101	pCi/g	0.0217	0.00632	U	U
6-00158	19-Jul-11	0	0.5	SO	Co-60	-0.00225	pCi/g	0.0129	0.00386	U	U
6-00159	20-Jul-11	0	0.5	SO	Co-60	0.000403	pCi/g	0.0106	0.00306	U	U
6-00160	20-Jul-11	0	0.5	SO	Co-60	0.00465	pCi/g	0.012	0.00346	U	U
6-00161	20-Jul-11	0	0.5	SO	Co-60	-0.000665	pCi/g	0.0112	0.00329	U	U
6-00162	20-Jul-11	0	0.5	SO	Co-60	-0.0101	pCi/g	0.0148	0.00463	U	U
6-00163	20-Jul-11	0	0.5	SO	Co-60	-0.00382	pCi/g	0.0105	0.00323	U	U
6-00164	20-Jul-11	0	0.5	SO	Co-60	0.00275	pCi/g	0.0158	0.00458	U	U
6-00165	20-Jul-11	0	0.5	SO	Co-60	0.000787	pCi/g	0.0146	0.0042	U	U
6-00166	19-Jul-11	0	0.5	SO	Co-60	-0.000687	pCi/g	0.012	0.00363	U	U
6-00167	20-Jul-11	0	0.5	SO	Co-60	0.00347	pCi/g	0.0136	0.00393	U	U
6-00171	19-Jul-11	0	0.5	SO	Co-60	0.00634	pCi/g	0.0191	0.00545	U	U
6-00188	20-Jul-11	0	0.5	SO	Co-60	-0.00514	pCi/g	0.0136	0.00412	U	U
6-00227	22-Jul-11	0	0.5	SO	Co-60	-0.00054	pCi/g	0.0121	0.00366	U	U
6-00244	22-Jul-11	0	0.5	SO	Co-60	-0.000747	pCi/g	0.0145	0.00431	U	U
6-00306	22-Jul-11	0	0.5	SO	Co-60	-0.00728	pCi/g	0.0166	0.00519	U	U
6-00307	22-Jul-11	0	0.5	SO	Co-60	0.00219	pCi/g	0.011	0.00325	U	U
6-00308	22-Jul-11	0	0.5	SO	Co-60	0.0024	pCi/g	0.011	0.00325	U	U
6-00309	22-Jul-11	0	0.5	SO	Co-60	-0.00275	pCi/g	0.0143	0.00427	U	U
6-00321	20-Jul-11	0	0.5	SO	Co-60	0.00446	pCi/g	0.0142	0.00406	U	U
6-00322	20-Jul-11	0	0.5	SO	Co-60	-0.00321	pCi/g	0.0144	0.00436	U	U
6-00369	10-Apr-12	0	0.5	SO	Co-60	-0.000178	pCi/g	0.0183	0.00541	U	U
6-00370	16-Apr-12	0	0.5	SO	Co-60	0.00618	pCi/g	0.0186	0.00531	U	U
6-00371	10-Apr-12	0	0.5	SO	Co-60	0.00596	pCi/g	0.019	0.00542	U	U
6-00372	16-Apr-12	0	0.5	SO	Co-60	0.011	pCi/g	0.0181	0.00513	J	J
6-00373	06-Apr-12	0	0.5	SO	Co-60	-0.0113	pCi/g	0.0224	0.00683	U	U
6-00375	16-Apr-12	0	0.5	SO	Co-60	-0.00115	pCi/g	0.0154	0.00442	U	U
6-00376	26-Mar-12	0	0.5	SO	Co-60	-0.00344	pCi/g	0.0178	0.00527	U	U

LocationName	DateCollected	BeginDepth	EndDepth	Matrix	AnalyteID	Activity	Rpt_Units	MDC	Count_Uncertainity	LabFlag	DV_Qualifier
6-00377	27-Mar-12	0	0.5	SO	Co-60	0.0017	pCi/g	0.0161	0.00472	U	U
6-00379	23-Mar-12	0	0.5	SO	Co-60	0.00315	pCi/g	0.018	0.00519	U	U
6-00381	10-Apr-12	0	0.5	SO	Co-60	-0.00214	pCi/g	0.017	0.00502	U	U
6-00384	26-Mar-12	0	0.5	SO	Co-60	0.00239	pCi/g	0.0165	0.00483	U	U
6-00385	20-Apr-12	0	0.5	SO	Co-60	0.00497	pCi/g	0.0149	0.00417	U	U

LocationName	DateCollected	BeginDepth	EndDepth	Matrix	AnalyteID	Activity	Rpt_Units	MDC	Count_Uncertainity	LabFlag	DV_Qualifier
5A-00066	01-Mar-11	0	0.5	SO	Cm-243/244	-0.00154	pCi/g	0.0229	0.00397	U	U
5A-00072	01-Mar-11	0	0.5	SO	Cm-243/244	0.00567	pCi/g	0.00768	0.00401		
5A-00076	01-Mar-11	0	0.5	SO	Cm-243/244	0.00246	pCi/g	0.0123	0.00305	U	U
5A-00077	01-Mar-11	0	0.5	SO	Cm-243/244	-0.00604	pCi/g	0.0213	0.00427	U	U
5A-00078	01-Mar-11	0	0.5	SO	Cm-243/244	0.0046	pCi/g	0.00416	0.00266		
6-00156	20-Jul-11	0	0.5	SO	Cm-243/244	0.007	pCi/g	0.0155	0.00483		
6-00157	20-Jul-11	0	0.5	SO	Cm-243/244	0.0128	pCi/g	0.027	0.00826		
6-00158	19-Jul-11	0	0.5	SO	Cm-243/244	-0.00336	pCi/g	0.0181	0.00336	U	U
6-00159	20-Jul-11	0	0.5	SO	Cm-243/244	-0.00142	pCi/g	0.0186	0.00425	U	U
6-00160	20-Jul-11	0	0.5	SO	Cm-243/244	0.00142	pCi/g	0.0153	0.00376	U	U
6-00161	20-Jul-11	0	0.5	SO	Cm-243/244	0.00327	pCi/g	0.0165	0.00421	U	U
6-00162	20-Jul-11	0	0.5	SO	Cm-243/244	0.00305	pCi/g	0.0154	0.00393	U	U
6-00163	20-Jul-11	0	0.5	SO	Cm-243/244	-6.52E-10	pCi/g	0.014	0.00319	U	U
6-00164	20-Jul-11	0	0.5	SO	Cm-243/244	0	pCi/g	0.0148	0.00318	U	U
6-00165	20-Jul-11	0	0.5	SO	Cm-243/244	-0.00423	pCi/g	0.0185	0.00373	U	U
6-00166	19-Jul-11	0	0.5	SO	Cm-243/244	-0.00342	pCi/g	0.0205	0.00418	U	U
6-00167	20-Jul-11	0	0.5	SO	Cm-243/244	0.00482	pCi/g	0.0148	0.00422	U	U
6-00171	19-Jul-11	0	0.5	SO	Cm-243/244	0.00436	pCi/g	0.00394	0.00252		
6-00188	20-Jul-11	0	0.5	SO	Cm-243/244	0.0058	pCi/g	0.0107	0.00355		
6-00227	22-Jul-11	0	0.5	SO	Cm-243/244	-0.00191	pCi/g	0.0218	0.00438	U	U
6-00244	22-Jul-11	0	0.5	SO	Cm-243/244	0.00266	pCi/g	0.0238	0.00584	U	U
6-00307	22-Jul-11	0	0.5	SO	Cm-243/244	-0.000867	pCi/g	0.0155	0.00281	U	U
6-00308	22-Jul-11	0	0.5	SO	Cm-243/244	-0.00252	pCi/g	0.0197	0.00347	U	U
6-00309	22-Jul-11	0	0.5	SO	Cm-243/244	0.00702	pCi/g	0.0136	0.00455		
6-00321	20-Jul-11	0	0.5	SO	Cm-243/244	0.00365	pCi/g	0.00895	0.00272		
6-00322	20-Jul-11	0	0.5	SO	Cm-243/244	0.00308	pCi/g	0.00417	0.00218		

LocationName	DateCollected	BeginDepth	EndDepth	Matrix	AnalyteID	Activity	Rpt_Units	MDC	Count_Uncertainity	LabFlag	DV_Qualifier
5A-00066	01-Mar-11	0	0.5	SO	Eu-152	-0.0224	pCi/g	0.0346	0.0118	U	U
5A-00072	01-Mar-11	0	0.5	SO	Eu-152	-0.00924	pCi/g	0.0307	0.00934	U	U
5A-00076	01-Mar-11	0	0.5	SO	Eu-152	-0.0115	pCi/g	0.0277	0.00945	U	U
5A-00077	01-Mar-11	0	0.5	SO	Eu-152	-0.0153	pCi/g	0.0443	0.0154	U	U
5A-00078	01-Mar-11	0	0.5	SO	Eu-152	-0.0408	pCi/g	0.0351	0.0118	UJ	U J
5A-00278	12-Jul-12	0	0.5	SO	Eu-152	0.028	pCi/g	0.0547	0.0193	J	J
5A-00279	13-Jul-12	0	0.5	SO	Eu-152	-0.0326	pCi/g	0.0553	0.0206	U	U
5A-00280	13-Jul-12	0	0.5	SO	Eu-152	0.0201	pCi/g	0.051	0.0182	U	U
5A-00281	12-Jul-12	0	0.5	SO	Eu-152	-0.0304	pCi/g	0.0531	0.0179	U	U
5A-00287	12-Jul-12	0	0.5	SO	Eu-152	-0.027	pCi/g	0.0469	0.0165	U	U
5A-00288	12-Jul-12	0	0.5	SO	Eu-152	-0.0123	pCi/g	0.0413	0.0141	U	U
6-00156	20-Jul-11	0	0.5	SO	Eu-152	-0.0257	pCi/g	0.0342	0.0131	U	U
6-00157	20-Jul-11	0	0.5	SO	Eu-152	-0.0132	pCi/g	0.0499	0.0173	U	U
6-00158	19-Jul-11	0	0.5	SO	Eu-152	-0.0244	pCi/g	0.0317	0.0107	UJ	UJ
6-00159	20-Jul-11	0	0.5	SO	Eu-152	-0.0118	pCi/g	0.0274	0.00829	U	U
6-00160	20-Jul-11	0	0.5	SO	Eu-152	0.0184	pCi/g	0.03	0.0108	J	J
6-00161	20-Jul-11	0	0.5	SO	Eu-152	0.0114	pCi/g	0.0319	0.0127	U	U
6-00162	20-Jul-11	0	0.5	SO	Eu-152	-0.0192	pCi/g	0.0357	0.0109	U	U
6-00163	20-Jul-11	0	0.5	SO	Eu-152	-0.0192	pCi/g	0.0287	0.00937	UJ	UJ
6-00164	20-Jul-11	0	0.5	SO	Eu-152	-0.00991	pCi/g	0.0485	0.0288	U	U
6-00165	20-Jul-11	0	0.5	SO	Eu-152	-0.0212	pCi/g	0.0333	0.0103	UJ	UJ
6-00166	19-Jul-11	0	0.5	SO	Eu-152	-0.0215	pCi/g	0.0319	0.0107	UJ	UJ
6-00167	20-Jul-11	0	0.5	SO	Eu-152	0.00293	pCi/g	0.0361	0.0127	U	U
6-00171	19-Jul-11	0	0.5	SO	Eu-152	0.00317	pCi/g	0.0442	0.0151	UJ	UJ
6-00188	20-Jul-11	0	0.5	SO	Eu-152	-0.0303	pCi/g	0.0365	0.0148	U	U
6-00227	22-Jul-11	0	0.5	SO	Eu-152	-0.0447	pCi/g	0.0348	0.0124	UJ	LU
6-00244	22-Jul-11	0	0.5	SO	Eu-152	-0.0234	pCi/g	0.0369	0.0118	U	U
6-00306	22-Jul-11	0	0.5	SO	Eu-152	-0.015	pCi/g	0.288	0.0937	U	U
6-00307	22-Jul-11	0	0.5	SO	Eu-152	-0.00589	pCi/g	0.0355	0.0109	U	U
6-00308	22-Jul-11	0	0.5	SO	Eu-152	-0.0126	pCi/g	0.0288	0.0112	U	U
6-00309	22-Jul-11	0	0.5	SO	Eu-152	0.0041	pCi/g	0.0414	0.0162	U	U
6-00321	20-Jul-11	0	0.5	SO	Eu-152	-0.00013	pCi/g	0.032	0.00966	U	U
6-00322	20-Jul-11	0	0.5	SO	Eu-152	0.00959	pCi/g	0.0382	0.0139	U	U
6-00369	10-Apr-12	0	0.5	SO	Eu-152	-0.0245	pCi/g	0.0559	0.0218	U	U
6-00370	16-Apr-12	0	0.5	SO	Eu-152	-0.0251	pCi/g	0.0471	0.017	U	U
6-00371	10-Apr-12	0	0.5	SO	Eu-152	0.0184	pCi/g	0.0481	0.0147	U	U
6-00372	16-Apr-12	0	0.5	SO	Eu-152	-0.000621	pCi/g	0.0447	0.0134	U	U
6-00373	06-Apr-12	0	0.5	SO	Eu-152	-0.00364	pCi/g	0.061	0.0208	U	U
6-00375	16-Apr-12	0	0.5	SO	Eu-152	-0.0142	pCi/g	0.0418	0.013	U	U
6-00376	26-Mar-12	0	0.5	SO	Eu-152	0.00762	pCi/g	0.0479	0.0174	U	U

LocationName	DateCollected	BeginDepth	EndDepth	Matrix	AnalyteID	Activity	Rpt_Units	MDC	Count_Uncertainity	LabFlag	DV_Qualifier
6-00377	27-Mar-12	0	0.5	SO	Eu-152	-0.0151	pCi/g	0.0411	0.0127	U	U
6-00379	23-Mar-12	0	0.5	SO	Eu-152	0.00153	pCi/g	0.0414	0.0134	U	U
6-00381	10-Apr-12	0	0.5	SO	Eu-152	-0.00109	pCi/g	0.0449	0.0169	U	U
6-00384	26-Mar-12	0	0.5	SO	Eu-152	-0.0109	pCi/g	0.0419	0.0129	U	U
6-00385	20-Apr-12	0	0.5	SO	Eu-152	0.00283	pCi/g	0.0399	0.0127	U	U

LocationName	DateCollected	BeginDepth	EndDepth	Matrix	AnalyteID	Activity	Rpt_Units	MDC	Count_Uncertainity	LabFlag	DV_Qualifier
5A-00066	01-Mar-11	0	0.5	SO	Pu-238	-0.00944	pCi/g	0.0428	0.01	UJ	U
5A-00072	01-Mar-11	0	0.5	SO	Pu-238	-0.0121	pCi/g	0.0442	0.0107	U	U
5A-00076	01-Mar-11	0	0.5	SO	Pu-238	0.00431	pCi/g	0.0204	0.0054	U	U
5A-00077	01-Mar-11	0	0.5	SO	Pu-238	-0.00479	pCi/g	0.0172	0.00319	U	U
5A-00078	01-Mar-11	0	0.5	SO	Pu-238	0.00267	pCi/g	0.016	0.00422	U	U
6-00156	20-Jul-11	0	0.5	SO	Pu-238	0.00248	pCi/g	0.0444	0.0113	UJ	UJ
6-00157	20-Jul-11	0	0.5	SO	Pu-238	-0.015	pCi/g	0.0405	0.00827	U	U
6-00158	19-Jul-11	0	0.5	SO	Pu-238	0.00607	pCi/g	0.00411	0.00304		
6-00159	20-Jul-11	0	0.5	SO	Pu-238	0	pCi/g	0.0145	0.00278	U	U
6-00160	20-Jul-11	0	0.5	SO	Pu-238	0.00391	pCi/g	0.0182	0.00479	UJ	U
6-00161	20-Jul-11	0	0.5	SO	Pu-238	-0.00359	pCi/g	0.042	0.0101	U	U
6-00162	20-Jul-11	0	0.5	SO	Pu-238	-0.00256	pCi/g	0.0414	0.00993	U	U
6-00163	20-Jul-11	0	0.5	SO	Pu-238	-0.0017	pCi/g	0.0183	0.00379	U	U
6-00164	20-Jul-11	0	0.5	SO	Pu-238	-0.00205	pCi/g	0.0269	0.00615	UJ	U
6-00165	20-Jul-11	0	0.5	SO	Pu-238	0.00157	pCi/g	0.0116	0.00273	U	U
6-00166	19-Jul-11	0	0.5	SO	Pu-238	0.00143	pCi/g	0.0105	0.00248	U	U
6-00167	20-Jul-11	0	0.5	SO	Pu-238	0.00429	pCi/g	0.00582	0.00304		
6-00171	19-Jul-11	0	0.5	SO	Pu-238	0.00584	pCi/g	0.00528	0.00337		
6-00188	20-Jul-11	0	0.5	SO	Pu-238	0.00814	pCi/g	0.015	0.00499		
6-00227	22-Jul-11	0	0.5	SO	Pu-238	-0.00321	pCi/g	0.0177	0.0032	U	U
6-00244	22-Jul-11	0	0.5	SO	Pu-238	0.00681	pCi/g	0.00615	0.00393		
6-00307	22-Jul-11	0	0.5	SO	Pu-238	0.00635	pCi/g	0.0371	0.00989	U	U
6-00308	22-Jul-11	0	0.5	SO	Pu-238	0.00836	pCi/g	0.0266	0.00753	UJ	UJ
6-00309	22-Jul-11	0	0.5	SO	Pu-238	-0.00698	pCi/g	0.0293	0.00509	U	U
6-00321	20-Jul-11	0	0.5	SO	Pu-238	0.00338	pCi/g	0.00458	0.00239		
6-00322	20-Jul-11	0	0.5	SO	Pu-238	0	pCi/g	0.0119	0.00228	U	U

LocationName	DateCollected	BeginDepth	EndDepth	Matrix	AnalyteID	Activity	Rpt_Units	MDC	Count_Uncertainity	LabFlag	DV_Qualifier
5A-00066	01-Mar-11	0	0.5	SO	Pu-239/240	0.00235	pCi/g	0.0173	0.00407	UJ	U
5A-00072	01-Mar-11	0	0.5	SO	Pu-239/240	0.00201	pCi/g	0.0216	0.00532	U	U
5A-00076	01-Mar-11	0	0.5	SO	Pu-239/240	0.00113	pCi/g	0.016	0.00353	U	U
5A-00077	01-Mar-11	0	0.5	SO	Pu-239/240	0.00476	pCi/g	0.0117	0.00355		
5A-00078	01-Mar-11	0	0.5	SO	Pu-239/240	0.00266	pCi/g	0.0143	0.00376	U	U
6-00156	20-Jul-11	0	0.5	SO	Pu-239/240	0.0031	pCi/g	0.0084	0.0031		
6-00157	20-Jul-11	0	0.5	SO	Pu-239/240	-0.00177	pCi/g	0.0157	0.00303	U	U
6-00158	19-Jul-11	0	0.5	SO	Pu-239/240	0.00303	pCi/g	0.0141	0.00371	U	U
6-00159	20-Jul-11	0	0.5	SO	Pu-239/240	-0.00589	pCi/g	0.0295	0.00652	U	U
6-00160	20-Jul-11	0	0.5	SO	Pu-239/240	0.0313	pCi/g	0.0256	0.00996		
6-00161	20-Jul-11	0	0.5	SO	Pu-239/240	0.00528	pCi/g	0.00715	0.00373		
6-00162	20-Jul-11	0	0.5	SO	Pu-239/240	0.00156	pCi/g	0.0219	0.00485	U	U
6-00163	20-Jul-11	0	0.5	SO	Pu-239/240	0.00169	pCi/g	0.0125	0.00293	U	U
6-00164	20-Jul-11	0	0.5	SO	Pu-239/240	0.00818	pCi/g	0.019	0.00579		
6-00165	20-Jul-11	0	0.5	SO	Pu-239/240	0.00472	pCi/g	0.0116	0.00352		
6-00166	19-Jul-11	0	0.5	SO	Pu-239/240	0.00571	pCi/g	0.0201	0.00571	U	U
6-00167	20-Jul-11	0	0.5	SO	Pu-239/240	0.00276	pCi/g	0.0136	0.00339	U	U
6-00171	19-Jul-11	0	0.5	SO	Pu-239/240	0.00194	pCi/g	0.0209	0.00514	UJ	UJ
6-00188	20-Jul-11	0	0.5	SO	Pu-239/240	0	pCi/g	0.0244	0.00575	UJ	U
6-00227	22-Jul-11	0	0.5	SO	Pu-239/240	0.00129	pCi/g	0.0177	0.00391	U	U
6-00244	22-Jul-11	0	0.5	SO	Pu-239/240	0.00707	pCi/g	0.0227	0.00644	U	U
6-00307	22-Jul-11	0	0.5	SO	Pu-239/240	0.000793	pCi/g	0.018	0.00349	U	U
6-00308	22-Jul-11	0	0.5	SO	Pu-239/240	0.00376	pCi/g	0.0187	0.00466	UJ	UJ
6-00309	22-Jul-11	0	0.5	SO	Pu-239/240	0.0183	pCi/g	0.0243	0.00871		
6-00321	20-Jul-11	0	0.5	SO	Pu-239/240	-0.00337	pCi/g	0.0203	0.00413	U	U
6-00322	20-Jul-11	0	0.5	SO	Pu-239/240	0.00645	pCi/g	0.0211	0.00603	U	U

LocationName	DateCollected	BeginDepth	EndDepth	Matrix	AnalyteID	Activity	Rpt_Units	MDC	Count_Uncertainity	LabFlag	DV_Qualifier
5A-00066	01-Mar-11	0	0.5	SO	Sr-90	-0.00945	pCi/g	0.152	0.0399	U	U K
5A-00072	01-Mar-11	0	0.5	SO	Sr-90	-0.0486	pCi/g	0.28	0.0698	U	U
5A-00076	01-Mar-11	0	0.5	SO	Sr-90	-0.0617	pCi/g	0.149	0.0334	U	U K
5A-00077	01-Mar-11	0	0.5	SO	Sr-90	-0.00689	pCi/g	0.111	0.0289	U	U K
5A-00078	01-Mar-11	0	0.5	SO	Sr-90	0.00269	pCi/g	0.087	0.023	U	U K
6-00156	20-Jul-11	0	0.5	SO	Sr-90	0.145	pCi/g	0.242	0.0753	U	U
6-00157	20-Jul-11	0	0.5	SO	Sr-90	-0.0695	pCi/g	0.186	0.0481	U	U
6-00158	19-Jul-11	0	0.5	SO	Sr-90	0.00632	pCi/g	0.111	0.031	U	U
6-00159	20-Jul-11	0	0.5	SO	Sr-90	-0.00927	pCi/g	0.0933	0.0241	U	U
6-00160	20-Jul-11	0	0.5	SO	Sr-90	0.116	pCi/g	0.154	0.0493		
6-00161	20-Jul-11	0	0.5	SO	Sr-90	0.0274	pCi/g	0.178	0.051	U	U
6-00162	20-Jul-11	0	0.5	SO	Sr-90	0.0453	pCi/g	0.212	0.0614	U	U
6-00163	20-Jul-11	0	0.5	SO	Sr-90	0.0964	pCi/g	0.15	0.0468		
6-00164	20-Jul-11	0	0.5	SO	Sr-90	0.00689	pCi/g	0.11	0.0303	U	U
6-00165	20-Jul-11	0	0.5	SO	Sr-90	-0.0352	pCi/g	0.108	0.0255	U	U
6-00166	19-Jul-11	0	0.5	SO	Sr-90	0.0542	pCi/g	0.119	0.0362	U	U
6-00167	20-Jul-11	0	0.5	SO	Sr-90	0.0614	pCi/g	0.226	0.0664	U	U
6-00171	19-Jul-11	0	0.5	SO	Sr-90	0.0339	pCi/g	0.127	0.037	U	U
6-00188	20-Jul-11	0	0.5	SO	Sr-90	0.0000452	pCi/g	0.112	0.0292	U	U
6-00227	22-Jul-11	0	0.5	SO	Sr-90	0.132	pCi/g	0.251	0.077	U	U
6-00244	22-Jul-11	0	0.5	SO	Sr-90	0.0639	pCi/g	0.256	0.0745	U	U
6-00307	22-Jul-11	0	0.5	SO	Sr-90	0.142	pCi/g	0.159	0.0533		
6-00308	22-Jul-11	0	0.5	SO	Sr-90	-0.0236	pCi/g	0.13	0.0322	U	U
6-00309	22-Jul-11	0	0.5	SO	Sr-90	-0.0214	pCi/g	0.161	0.0419	U	U
6-00321	20-Jul-11	0	0.5	SO	Sr-90	-0.0272	pCi/g	0.086	0.0189	U	U
6-00322	20-Jul-11	0	0.5	SO	Sr-90	0.0708	pCi/g	0.0999	0.0321		
6-00384	26-Mar-12	0	0.5	SO	Sr-90	-0.045	pCi/g	0.177	0.0456	U	U
6-00385	20-Apr-12	0	0.5	SO	Sr-90	-0.0819	pCi/g	0.221	0.0556	U	U

DateCollected	BeginDepth	EndDepth	SampleType	Matrix	AnalyteID	Activity	Rpt_Units	MDC	Count_Uncertainity	LabFlag	DV_Qualifier
17-Dec-10	0	0.5	Normal	SO	Am-241	0.0018	pCi/g	0.0084	0.0023		U
16-Dec-10	0	0.5	Normal	SO	Am-241	0.007	pCi/g	0.0027	0.0026		
17-Dec-10	0	0.5	Normal	SO	Am-241	0.001	pCi/g	0.0076	0.0019		U
17-Dec-10	0	0.5	Normal	SO	Am-241	0.0077	pCi/g	0.003	0.0029		
17-Dec-10	0	0.5	Normal	SO	Am-241	0.0068	pCi/g	0.0026	0.0026		
17-Dec-10	0	0.5	Normal	SO	Am-241	0.0042	pCi/g	0.0062	0.0023		
17-Dec-10	0	0.5	Normal	SO	Am-241	0.0023	pCi/g	0.012	0.0034		U
16-Dec-10	0	0.5	Normal	SO	Am-241	0.0032	pCi/g	0.0022	0.0016		
16-Dec-10	0	0.5	Normal	SO	Am-241	0.0017	pCi/g	0.0061	0.0017		U
20-Dec-10	0	0.5	Normal	SO	Am-241	0.0024	pCi/g	0.0044	0.003		
20-Dec-10	0	0.5	Normal	SO	Am-241	0.0041	pCi/g	0.0018	0.0017		
20-Dec-10	0	0.5	Normal	SO	Am-241	0.005	pCi/g	0.0052	0.0041		
20-Dec-10	0	0.5	Normal	SO	Am-241	0.0025	pCi/g	0.0034	0.0018		U
20-Dec-10	0	0.5	Normal	SO	Am-241	-0.0022	pCi/g	0.013	0.0029		U
20-Dec-10	0	0.5	Normal	SO	Am-241	0	pCi/g	0.0085	0.0019		U
20-Dec-10	0	0.5	Normal	SO	Am-241	0.0021	pCi/g	0.0053	0.0016		
21-Dec-10	0	0.5	Normal	SO	Am-241	0.0014	pCi/g	0.0038	0.0014		U
20-Dec-10	0	0.5	Normal	SO	Am-241	0.0019	pCi/g	0.0068	0.0019		U
20-Dec-10	0	0.5	Normal	SO	Am-241	0.0015	pCi/g	0.0054	0.0015		U
21-Dec-10	0	0.5	Normal	SO	Am-241	0.0063	pCi/g	0.0077	0.003		
21-Dec-10	0	0.5	Normal	SO	Am-241	0	pCi/g	0.0084	0.0017		U
17-Dec-10	0	0.5	Normal	SO	Am-241	0.0049	pCi/g	0.0026	0.0022		
21-Dec-10	0	0.5	Normal	SO	Am-241	0.0032	pCi/g	0.0029	0.0018		
21-Dec-10	0	0.5	Normal	SO	Am-241	0.0022	pCi/g	0.003	0.0016		U
21-Dec-10	0	0.5	Normal	SO	Am-241	0.0042	pCi/g	0.0028	0.0021		
21-Dec-10	0	0.5	Normal	SO	Am-241	0.0032	pCi/g	0.0029	0.0019		
20-Dec-10	0	0.5	Normal	SO	Am-241	0.0026	pCi/g	0.0036	0.0019		U
17-Dec-10	0	0.5	Normal	SO	Am-241	0	pCi/g	0.0073	0.0015		U
17-Dec-10	0	0.5	Normal	SO	Am-241	0.002	pCi/g	0.0075	0.0021		U
16-Dec-10	0	0.5	Normal	SO	Am-241	0.0036	pCi/g	0.002	0.0016		
20-Dec-10	0	0.5	Normal	SO	Am-241	0.0108	pCi/g	0.0268	0.008	U	U

DateCollected	BeginDepth	EndDepth	SampleType	Matrix	AnalyteID	Activity	Rpt_Units	MDC	Count_Uncertainity	LabFlag	DV_Qualifier
17-Dec-10	0	0.5	Normal	SO	Cs-137	0.0577	pCi/g	0.0095	0.0045		
16-Dec-10	0	0.5	Normal	SO	Cs-137	0.0439	pCi/g	0.013	0.006		
17-Dec-10	0	0.5	Normal	SO	Cs-137	0.0889	pCi/g	0.0096	0.0048		
17-Dec-10	0	0.5	Normal	SO	Cs-137	0.0571	pCi/g	0.011	0.0052		
17-Dec-10	0	0.5	Normal	SO	Cs-137	0.213	pCi/g	0.011	0.0061		
17-Dec-10	0	0.5	Normal	SO	Cs-137	0.108	pCi/g	0.021	0.01		
17-Dec-10	0	0.5	Normal	SO	Cs-137	0.0729	pCi/g	0.017	0.0064		
16-Dec-10	0	0.5	Normal	SO	Cs-137	0.0932	pCi/g	0.01	0.0053		
16-Dec-10	0	0.5	Normal	SO	Cs-137	0.0183	pCi/g	0.019	0.0075		
16-Dec-10	0	0.5	Normal	SO	Cs-137	0.0028	pCi/g	0.015	0.0045		U
20-Dec-10	0	0.5	Normal	SO	Cs-137	0.252	pCi/g	0.019	0.009		Y
20-Dec-10	0	0.5	Normal	SO	Cs-137	0.0754	pCi/g	0.0086	0.0046		
20-Dec-10	0	0.5	Normal	SO	Cs-137	0.522	pCi/g	0.014	0.01		Y
20-Dec-10	0	0.5	Normal	SO	Cs-137	0.0677	pCi/g	0.0099	0.0052		
20-Dec-10	0	0.5	Normal	SO	Cs-137	0.11	pCi/g	0.011	0.0057		
20-Dec-10	0	0.5	Normal	SO	Cs-137	0.256	pCi/g	0.0092	0.00492		Y
20-Dec-10	0	0.5	Normal	SO	Cs-137	0.294	pCi/g	0.017	0.009		Y
21-Dec-10	0	0.5	Normal	SO	Cs-137	0.444	pCi/g	0.014	0.009		Y
20-Dec-10	0	0.5	Normal	SO	Cs-137	0.323	pCi/g	0.009	0.005		Y
20-Dec-10	0	0.5	Normal	SO	Cs-137	0.626	pCi/g	0.013	0.01		Y
21-Dec-10	0	0.5	Normal	SO	Cs-137	0.623	pCi/g	0.01	0.008		Y
21-Dec-10	0	0.5	Normal	SO	Cs-137	0.813	pCi/g	0.011	0.009		Y
21-Dec-10	0	0.5	Normal	SO	Cs-137	0.911	pCi/g	0.015	0.012		Y
21-Dec-10	0	0.5	Normal	SO	Cs-137	0.313	pCi/g	0.011	0.007		Y
21-Dec-10	0	0.5	Normal	SO	Cs-137	0.0842	pCi/g	0.0098	0.0053		
21-Dec-10	0	0.5	Normal	SO	Cs-137	0.0623	pCi/g	0.011	0.0057		
20-Dec-10	0	0.5	Normal	SO	Cs-137	0.0671	pCi/g	0.012	0.0059		
17-Dec-10	0	0.5	Normal	SO	Cs-137	0.0858	pCi/g	0.01	0.005		
17-Dec-10	0	0.5	Normal	SO	Cs-137	0.0945	pCi/g	0.018	0.0075		
17-Dec-10	0	0.5	Normal	SO	Cs-137	0.0659	pCi/g	0.014	0.0076		
08-Mar-12	0	0.5	Normal	SO	Cs-137	0.0599	pCi/g	0.0171	0.00807		
09-Mar-12	0	0.5	Normal	SO	Cs-137	0.0777	pCi/g	0.0183	0.00964		
09-Mar-12	0	0.5	Normal	SO	Cs-137	0.0607	pCi/g	0.0161	0.00723		
09-Mar-12	0	0.5	Normal	SO	Cs-137	0.0645	pCi/g	0.0161	0.00695		
08-Mar-12	0	0.5	Normal	SO	Cs-137	0.0552	pCi/g	0.0177	0.00844		
08-Mar-12	0	0.5	Normal	SO	Cs-137	0.0793	pCi/g	0.0162	0.00774		
20-Dec-10	0	0.5	Normal	SO	Cs-137	0.591	pCi/g	0.0253	0.0301		Y
25-Jun-12	0	0.5	Normal	SO	Cs-137	0.0645	pCi/g	0.0193	0.00795		
25-Jun-12	0	0.5	Normal	SO	Cs-137	0.0835	pCi/g	0.0183	0.00791		

LocationName	DateCollected	BeginDepth	EndDepth	SampleType	Matrix	AnalyteID	Activity	Rpt_Units	MDC	Count_Uncertainity	LabFlag	DV_Qualifier
5B-00166	17-Dec-10	0	0.5	Normal	SO	Co-60	0.0007	pCi/g	0.014	0.0015		U
5B-00199	16-Dec-10	0	0.5	Normal	SO	Co-60	0.0003	pCi/g	0.02	0.006		U
5B-00209	17-Dec-10	0	0.5	Normal	SO	Co-60	0.0026	pCi/g	0.016	0.0028		U
5B-00210	17-Dec-10	0	0.5	Normal	SO	Co-60	0.0003	pCi/g	0.014	0.0042		U
5B-00211	17-Dec-10	0	0.5	Normal	SO	Co-60	0.0015	pCi/g	0.015	0.0043		U
5B-00273	17-Dec-10	0	0.5	Normal	SO	Co-60	0.0088	pCi/g	0.022	0.0046		U
5B-00274	17-Dec-10	0	0.5	Normal	SO	Co-60	-0.0039	pCi/g	0.016	0.0048		U
5B-00304	16-Dec-10	0	0.5	Normal	SO	Co-60	0.0009	pCi/g	0.014	0.0041		U
5B-00205	16-Dec-10	0	0.5	Normal	SO	Co-60	-0.0018	pCi/g	0.018	0.0052		U
5B-00305	16-Dec-10	0	0.5	Normal	SO	Co-60	-0.00007	pCi/g	0.012	0.0037		U
5B-00212	20-Dec-10	0	0.5	Normal	SO	Co-60	0.0074	pCi/g	0.019	0.0046		U
5B-00213	20-Dec-10	0	0.5	Normal	SO	Co-60	0.0048	pCi/g	0.01	0.0028		U
5B-00214	20-Dec-10	0	0.5	Normal	SO	Co-60	-0.0023	pCi/g	0.019	0.0057		U
5B-00215	20-Dec-10	0	0.5	Normal	SO	Co-60	-0.0031	pCi/g	0.013	0.0038		U
5B-00216	20-Dec-10	0	0.5	Normal	SO	Co-60	0.0025	pCi/g	0.017	0.0018		U
5B-00217	20-Dec-10	0	0.5	Normal	SO	Co-60	0.0018	pCi/g	0.014	0.0028		U
5B-00218	20-Dec-10	0	0.5	Normal	SO	Co-60	0.0048	pCi/g	0.02	0.0038		U
5B-00219	21-Dec-10	0	0.5	Normal	SO	Co-60	0.0075	pCi/g	0.018	0.0054		U
5B-00220	20-Dec-10	0	0.5	Normal	SO	Co-60	0.0041	pCi/g	0.013	0.0033		U
5B-00221	20-Dec-10	0	0.5	Normal	SO	Co-60	0.0065	pCi/g	0.018	0.0053		U
5B-00222	21-Dec-10	0	0.5	Normal	SO	Co-60	-0.0022	pCi/g	0.015	0.0046		U
5B-00223	21-Dec-10	0	0.5	Normal	SO	Co-60	0.0054	pCi/g	0.013	0.0031		U
5B-00224	21-Dec-10	0	0.5	Normal	SO	Co-60	0.0016	pCi/g	0.018	0.0019		U
5B-00225	21-Dec-10	0	0.5	Normal	SO	Co-60	-0.002	pCi/g	0.014	0.004		U
5B-00226	21-Dec-10	0	0.5	Normal	SO	Co-60	0.0063	pCi/g	0.0099	0.003		J
5B-00227	21-Dec-10	0	0.5	Normal	SO	Co-60	0.0013	pCi/g	0.014	0.0015		U
5B-00255	20-Dec-10	0	0.5	Normal	SO	Co-60	0.003	pCi/g	0.018	0.0037		U
5B-00277	17-Dec-10	0	0.5	Normal	SO	Co-60	0.0034	pCi/g	0.01	0.0031		U
5B-00278	17-Dec-10	0	0.5	Normal	SO	Co-60	0.0041	pCi/g	0.02	0.0058		U
5B-00279	17-Dec-10	0	0.5	Normal	SO	Co-60	0.0143	pCi/g	0.011	0.0048		
5B-00352	08-Mar-12	0	0.5	Normal	SO	Co-60	0.000987	pCi/g	0.0158	0.00457	U	U
5B-00354	09-Mar-12	0	0.5	Normal	SO	Co-60	0.000608	pCi/g	0.0182	0.00523	U	U
5B-00355	09-Mar-12	0	0.5	Normal	SO	Co-60	0.00413	pCi/g	0.0167	0.00474	U	U
5B-00356	09-Mar-12	0	0.5	Normal	SO	Co-60	-0.0075	pCi/g	0.0172	0.00514	U	U
5B-00350	08-Mar-12	0	0.5	Normal	SO	Co-60	0.00848	pCi/g	0.0196	0.00551	U	U
5B-00353	08-Mar-12	0	0.5	Normal	SO	Co-60	-0.00353	pCi/g	0.0171	0.00504	U	U
5B-00214	20-Dec-10	0	0.5	Normal	SO	Co-60	-0.00391	pCi/g	0.0263	0.00773	U	U
5B-00357	25-Jun-12	0	0.5	Normal	SO	Co-60	-0.0000415	pCi/g	0.018	0.00533	U	U
5B-00362	25-Jun-12	0	0.5	Normal	SO	Co-60	0.00159	pCi/g	0.0177	0.00517	U	U

LocationName	DateCollected	BeginDepth	EndDepth	SampleType	Matrix	AnalyteID	Activity	Rpt_Units	MDC	Count_Uncertainity	LabFlag	DV_Qualifier
5B-00166	17-Dec-10	0	0.5	Normal	SO	Cm-243/244	0.0026	pCi/g	0.0024	0.0015		
5B-00199	16-Dec-10	0	0.5	Normal	SO	Cm-243/244	-0.001	pCi/g	0.0091	0.0018		U
5B-00209	17-Dec-10	0	0.5	Normal	SO	Cm-243/244	-0.001	pCi/g	0.014	0.0036		U
5B-00210	17-Dec-10	0	0.5	Normal	SO	Cm-243/244	0.0011	pCi/g	0.0029	0.0011		U
5B-00211	17-Dec-10	0	0.5	Normal	SO	Cm-243/244	-0.001	pCi/g	0.007	0.0011		U
5B-00273	17-Dec-10	0	0.5	Normal	SO	Cm-243/244	-0.0025	pCi/g	0.0089	0.0016		U
5B-00274	17-Dec-10	0	0.5	Normal	SO	Cm-243/244	0.0011	pCi/g	0.0083	0.002		U
5B-00304	16-Dec-10	0	0.5	Normal	SO	Cm-243/244	0.0016	pCi/g	0.0021	0.0011		U
5B-00205	16-Dec-10	0	0.5	Normal	SO	Cm-243/244	-0.0008	pCi/g	0.0076	0.0015		U
5B-00212	20-Dec-10	0	0.5	Normal	SO	Cm-243/244	0.0006	pCi/g	0.0055	0.0028		U
5B-00213	20-Dec-10	0	0.5	Normal	SO	Cm-243/244	0	pCi/g	0.0018	0.00075		U
5B-00214	20-Dec-10	0	0.5	Normal	SO	Cm-243/244	-0.0027	pCi/g	0.0077	0.0032		U
5B-00215	20-Dec-10	0	0.5	Normal	SO	Cm-243/244	0.0037	pCi/g	0.0033	0.0021		
5B-00216	20-Dec-10	0	0.5	Normal	SO	Cm-243/244	-0.0022	pCi/g	0.015	0.0037		U
5B-00217	20-Dec-10	0	0.5	Normal	SO	Cm-243/244	-0.0009	pCi/g	0.012	0.0029		U
5B-00218	20-Dec-10	0	0.5	Normal	SO	Cm-243/244	-0.0007	pCi/g	0.0084	0.002		U
5B-00219	21-Dec-10	0	0.5	Normal	SO	Cm-243/244	0.0014	pCi/g	0.0037	0.0014		U
5B-00220	20-Dec-10	0	0.5	Normal	SO	Cm-243/244	0	pCi/g	0.0025	0.001		U
5B-00221	20-Dec-10	0	0.5	Normal	SO	Cm-243/244	-0.0021	pCi/g	0.01	0.0023		U
5B-00222	21-Dec-10	0	0.5	Normal	SO	Cm-243/244	0.0041	pCi/g	0.0076	0.0026		
5B-00223	21-Dec-10	0	0.5	Normal	SO	Cm-243/244	-0.0022	pCi/g	0.01	0.0018		U
5B-00277	17-Dec-10	0	0.5	Normal	SO	Cm-243/244	0.00096	pCi/g	0.0026	0.00096		U
5B-00224	21-Dec-10	0	0.5	Normal	SO	Cm-243/244	0	pCi/g	0.0028	0.0012		U
5B-00225	21-Dec-10	0	0.5	Normal	SO	Cm-243/244	0	pCi/g	0.003	0.0012		U
5B-00226	21-Dec-10	0	0.5	Normal	SO	Cm-243/244	0.001	pCi/g	0.0028	0.001		U
5B-00227	21-Dec-10	0	0.5	Normal	SO	Cm-243/244	0	pCi/g	0.0029	0.0012		U
5B-00255	20-Dec-10	0	0.5	Normal	SO	Cm-243/244	0.0013	pCi/g	0.0035	0.0013		U
5B-00278	17-Dec-10	0	0.5	Normal	SO	Cm-243/244	0	pCi/g	0.0026	0.0011		U
5B-00279	17-Dec-10	0	0.5	Normal	SO	Cm-243/244	0	pCi/g	0.0074	0.0015		U
5B-00305	16-Dec-10	0	0.5	Normal	SO	Cm-243/244	0.0028	pCi/g	0.0019	0.0014		
5B-00214	20-Dec-10	0	0.5	Normal	SO	Cm-243/244	0.00542	pCi/g	0.0316	0.00843	U	U

LocationName	DateCollected	BeginDepth	EndDepth	SampleType	Matrix	AnalyteID	Activity	Rpt_Units	MDC	Count_Uncertainity	LabFlag	DV_Qualifier
5B-00166	17-Dec-10	0	0.5	Normal	SO	Eu-152	0.013	pCi/g	0.028	0.0051		U
5B-00199	16-Dec-10	0	0.5	Normal	SO	Eu-152	-0.011	pCi/g	0.041	0.012		U
5B-00209	17-Dec-10	0	0.5	Normal	SO	Eu-152	-0.0097	pCi/g	0.032	0.0098		U
5B-00210	17-Dec-10	0	0.5	Normal	SO	Eu-152	0.015	pCi/g	0.027	0.011		J
5B-00211	17-Dec-10	0	0.5	Normal	SO	Eu-152	0.0011	pCi/g	0.028	0.0018		U
5B-00273	17-Dec-10	0	0.5	Normal	SO	Eu-152	-0.005	pCi/g	0.044	0.013		U
5B-00274	17-Dec-10	0	0.5	Normal	SO	Eu-152	-0.0036	pCi/g	0.039	0.004		U
5B-00304	16-Dec-10	0	0.5	Normal	SO	Eu-152	0.0161	pCi/g	0.027	0.0071		J
5B-00205	16-Dec-10	0	0.5	Normal	SO	Eu-152	0.002	pCi/g	0.04	0.014		U
5B-00305	16-Dec-10	0	0.5	Normal	SO	Eu-152	-0.0016	pCi/g	0.037	0.0031		U
5B-00212	20-Dec-10	0	0.5	Normal	SO	Eu-152	0.009	pCi/g	0.038	0.012		U
5B-00213	20-Dec-10	0	0.5	Normal	SO	Eu-152	0.0067	pCi/g	0.024	0.0057		U
5B-00214	20-Dec-10	0	0.5	Normal	SO	Eu-152	0.0039	pCi/g	0.038	0.0034		U
5B-00215	20-Dec-10	0	0.5	Normal	SO	Eu-152	-0.0116	pCi/g	0.028	0.0085		U
5B-00216	20-Dec-10	0	0.5	Normal	SO	Eu-152	0.004	pCi/g	0.034	0.011		U
5B-00219	21-Dec-10	0	0.5	Normal	SO	Eu-152	0.0131	pCi/g	0.038	0.0086		U
5B-00220	20-Dec-10	0	0.5	Normal	SO	Eu-152	-0.005	pCi/g	0.03	0.0092		U
5B-00221	20-Dec-10	0	0.5	Normal	SO	Eu-152	0.0034	pCi/g	0.032	0.0028		U
5B-00222	21-Dec-10	0	0.5	Normal	SO	Eu-152	0.0013	pCi/g	0.026	0.0078		U
5B-00223	21-Dec-10	0	0.5	Normal	SO	Eu-152	-0.0171	pCi/g	0.026	0.008		U J
5B-00224	21-Dec-10	0	0.5	Normal	SO	Eu-152	-0.011	pCi/g	0.038	0.011		U
5B-00225	21-Dec-10	0	0.5	Normal	SO	Eu-152	-0.0092	pCi/g	0.027	0.008		U
5B-00226	21-Dec-10	0	0.5	Normal	SO	Eu-152	0.0085	pCi/g	0.028	0.0065		U
5B-00227	21-Dec-10	0	0.5	Normal	SO	Eu-152	-0.0081	pCi/g	0.03	0.0092		U
5B-00255	20-Dec-10	0	0.5	Normal	SO	Eu-152	0.015	pCi/g	0.037	0.013		U
5B-00277	17-Dec-10	0	0.5	Normal	SO	Eu-152	0.0104	pCi/g	0.032	0.0077		U
5B-00278	17-Dec-10	0	0.5	Normal	SO	Eu-152	0.0005	pCi/g	0.039	0.012		U
5B-00279	17-Dec-10	0	0.5	Normal	SO	Eu-152	-0.016	pCi/g	0.041	0.012		U
5B-00352	08-Mar-12	0	0.5	Normal	SO	Eu-152	-0.00422	pCi/g	0.0408	0.014	U	U
5B-00354	09-Mar-12	0	0.5	Normal	SO	Eu-152	0.0189	pCi/g	0.0407	0.0139	U	U
5B-00355	09-Mar-12	0	0.5	Normal	SO	Eu-152	-0.0178	pCi/g	0.0443	0.0135	U	U
5B-00356	09-Mar-12	0	0.5	Normal	SO	Eu-152	-0.00825	pCi/g	0.0461	0.0146	U	U
5B-00350	08-Mar-12	0	0.5	Normal	SO	Eu-152	0.0117	pCi/g	0.0467	0.0156	U	U
5B-00353	08-Mar-12	0	0.5	Normal	SO	Eu-152	-0.0124	pCi/g	0.0463	0.016	U	U
5B-00214	20-Dec-10	0	0.5	Normal	SO	Eu-152	-0.0108	pCi/g	0.0637	0.0207	U	U
5B-00357	25-Jun-12	0	0.5	Normal	SO	Eu-152	-0.0135	pCi/g	0.0482	0.0212	U	U
5B-00362	25-Jun-12	0	0.5	Normal	SO	Eu-152	-0.00061	pCi/g	0.0442	0.0158	U	U

LocationName	DateCollected	BeginDepth	EndDepth	SampleType	Matrix	AnalyteID	Activity	Rpt_Units	MDC	Count_Uncertainity	LabFlag	DV_Qualifier
5B-00166	17-Dec-10	0	0.5	Normal	SO	Pu-238	-0.00152	pCi/g	0.007	0.00098		U
5B-00199	16-Dec-10	0	0.5	Normal	SO	Pu-238	0.0002	pCi/g	0.0076	0.0017		U
5B-00209	17-Dec-10	0	0.5	Normal	SO	Pu-238	0.00092	pCi/g	0.0025	0.00092		U
5B-00210	17-Dec-10	0	0.5	Normal	SO	Pu-238	0.0002	pCi/g	0.007	0.0016		U
5B-00211	17-Dec-10	0	0.5	Normal	SO	Pu-238	0.0002	pCi/g	0.0069	0.0015		U
5B-00273	17-Dec-10	0	0.5	Normal	SO	Pu-238	0.0014	pCi/g	0.0057	0.0016		U
5B-00274	17-Dec-10	0	0.5	Normal	SO	Pu-238	-0.00069	pCi/g	0.0068	0.00077		U
5B-00304	16-Dec-10	0	0.5	Normal	SO	Pu-238	0.0014	pCi/g	0.0019	0.00099		
5B-00205	16-Dec-10	0	0.5	Normal	SO	Pu-238	0.00072	pCi/g	0.0019	0.00072		U
5B-00212	20-Dec-10	0	0.5	Normal	SO	Pu-238	-0.0006	pCi/g	0.01	0.0023		U
5B-00213	20-Dec-10	0	0.5	Normal	SO	Pu-238	0.0019	pCi/g	0.0048	0.0015		
5B-00214	20-Dec-10	0	0.5	Normal	SO	Pu-238	0.0008	pCi/g	0.012	0.0028		U
5B-00215	20-Dec-10	0	0.5	Normal	SO	Pu-238	0.0014	pCi/g	0.0058	0.0015		U
5B-00216	20-Dec-10	0	0.5	Normal	SO	Pu-238	0	pCi/g	0.0021	0.00067		U
5B-00217	20-Dec-10	0	0.5	Normal	SO	Pu-238	0.0012	pCi/g	0.0051	0.0013		U
5B-00218	20-Dec-10	0	0.5	Normal	SO	Pu-238	0.0026	pCi/g	0.0041	0.0014		
5B-00219	21-Dec-10	0	0.5	Normal	SO	Pu-238	0.0062	pCi/g	0.0034	0.0028		
5B-00220	20-Dec-10	0	0.5	Normal	SO	Pu-238	0.0015	pCi/g	0.0086	0.0023		U
5B-00221	20-Dec-10	0	0.5	Normal	SO	Pu-238	0.00161	pCi/g	0.0011	0.0008		
5B-00222	21-Dec-10	0	0.5	Normal	SO	Pu-238	0.0005	pCi/g	0.008	0.0019		U
5B-00223	21-Dec-10	0	0.5	Normal	SO	Pu-238	0.0018	pCi/g	0.0024	0.0013		
5B-00277	17-Dec-10	0	0.5	Normal	SO	Pu-238	0.0023	pCi/g	0.002	0.0013		
5B-00224	21-Dec-10	0	0.5	Normal	SO	Pu-238	0.0024	pCi/g	0.0022	0.0014		
5B-00225	21-Dec-10	0	0.5	Normal	SO	Pu-238	-0.0012	pCi/g	0.0077	0.0014		U
5B-00226	21-Dec-10	0	0.5	Normal	SO	Pu-238	0.0004	pCi/g	0.006	0.0012		U
5B-00227	21-Dec-10	0	0.5	Normal	SO	Pu-238	0.0058	pCi/g	0.0077	0.0029		
5B-00255	20-Dec-10	0	0.5	Normal	SO	Pu-238	0.003	pCi/g	0.0027	0.0018		
5B-00278	17-Dec-10	0	0.5	Normal	SO	Pu-238	0.0067	pCi/g	0.002	0.0022		
5B-00279	17-Dec-10	0	0.5	Normal	SO	Pu-238	0.0032	pCi/g	0.0022	0.0016		
5B-00305	16-Dec-10	0	0.5	Normal	SO	Pu-238	0.0014	pCi/g	0.0019	0.001		
5B-00214	20-Dec-10	0	0.5	Normal	SO	Pu-238	0.000559	pCi/g	0.0127	0.00246	U	U

LocationName	DateCollected	BeginDepth	EndDepth	SampleType	Matrix	AnalyteID	Activity	Rpt_Units	MDC	Count_Uncertainity	LabFlag	DV_Qualifier
5B-00166	17-Dec-10	0	0.5	Normal	SO	Pu-239/240	0.0012	pCi/g	0.005	0.0013		U
5B-00199	16-Dec-10	0	0.5	Normal	SO	Pu-239/240	0.00092	pCi/g	0.0025	0.00092		U
5B-00209	17-Dec-10	0	0.5	Normal	SO	Pu-239/240	0.0055	pCi/g	0.0025	0.0023		
5B-00210	17-Dec-10	0	0.5	Normal	SO	Pu-239/240	0.002	pCi/g	0.005	0.0016		
5B-00211	17-Dec-10	0	0.5	Normal	SO	Pu-239/240	0.01	pCi/g	0.0022	0.0029		
5B-00273	17-Dec-10	0	0.5	Normal	SO	Pu-239/240	0.0074	pCi/g	0.0047	0.0025		
5B-00274	17-Dec-10	0	0.5	Normal	SO	Pu-239/240	0.0023	pCi/g	0.0031	0.0016		
5B-00304	16-Dec-10	0	0.5	Normal	SO	Pu-239/240	0.0045	pCi/g	0.0042	0.0019		
5B-00205	16-Dec-10	0	0.5	Normal	SO	Pu-239/240	0.0029	pCi/g	0.002	0.0014		
5B-00212	20-Dec-10	0	0.5	Normal	SO	Pu-239/240	0.0043	pCi/g	0.0057	0.0023		
5B-00213	20-Dec-10	0	0.5	Normal	SO	Pu-239/240	0.0019	pCi/g	0.0048	0.0015		
5B-00214	20-Dec-10	0	0.5	Normal	SO	Pu-239/240	0.0076	pCi/g	0.0034	0.0031		
5B-00215	20-Dec-10	0	0.5	Normal	SO	Pu-239/240	0.0024	pCi/g	0.0058	0.0018		
5B-00216	20-Dec-10	0	0.5	Normal	SO	Pu-239/240	0.0057	pCi/g	0.0046	0.0022		
5B-00217	20-Dec-10	0	0.5	Normal	SO	Pu-239/240	0.0038	pCi/g	0.0051	0.002		
5B-00218	20-Dec-10	0	0.5	Normal	SO	Pu-239/240	0.0035	pCi/g	0.0032	0.0014		
5B-00219	21-Dec-10	0	0.5	Normal	SO	Pu-239/240	0.0035	pCi/g	0.0091	0.0028		
5B-00220	20-Dec-10	0	0.5	Normal	SO	Pu-239/240	0.0017	pCi/g	0.0069	0.0019		U
5B-00221	20-Dec-10	0	0.5	Normal	SO	Pu-239/240	0.0044	pCi/g	0.0011	0.0013		
5B-00222	21-Dec-10	0	0.5	Normal	SO	Pu-239/240	0.0068	pCi/g	0.0063	0.0027		
5B-00223	21-Dec-10	0	0.5	Normal	SO	Pu-239/240	0.0134	pCi/g	0.0024	0.0035		
5B-00277	17-Dec-10	0	0.5	Normal	SO	Pu-239/240	0.0015	pCi/g	0.002	0.0011		
5B-00224	21-Dec-10	0	0.5	Normal	SO	Pu-239/240	0.0049	pCi/g	0.0022	0.002		
5B-00225	21-Dec-10	0	0.5	Normal	SO	Pu-239/240	0.005	pCi/g	0.0023	0.0021		
5B-00226	21-Dec-10	0	0.5	Normal	SO	Pu-239/240	0.0034	pCi/g	0.006	0.0021		
5B-00227	21-Dec-10	0	0.5	Normal	SO	Pu-239/240	0.0022	pCi/g	0.0055	0.0017		
5B-00255	20-Dec-10	0	0.5	Normal	SO	Pu-239/240	0.0028	pCi/g	0.0073	0.0022		
5B-00278	17-Dec-10	0	0.5	Normal	SO	Pu-239/240	0.0052	pCi/g	0.002	0.002		
5B-00279	17-Dec-10	0	0.5	Normal	SO	Pu-239/240	0.0056	pCi/g	0.0022	0.0021		
5B-00305	16-Dec-10	0	0.5	Normal	SO	Pu-239/240	0.0032	pCi/g	0.0043	0.0017		
5B-00214	20-Dec-10	0	0.5	Normal	SO	Pu-239/240	0.00308	pCi/g	0.0156	0.00397	U	U

LocationName	DateCollected	BeginDepth	EndDepth	SampleType	Matrix	AnalyteID	Activity	Rpt_Units	MDC	Count_Uncertainity	LabFlag	DV_Qualifier
5B-00166	17-Dec-10	0	0.5	Normal	SO	Sr-90	0.025	pCi/g	0.038	0.012		
5B-00199	16-Dec-10	0	0.5	Normal	SO	Sr-90	-0.001	pCi/g	0.047	0.013		U
5B-00209	17-Dec-10	0	0.5	Normal	SO	Sr-90	0.0316	pCi/g	0.028	0.0091		
5B-00210	17-Dec-10	0	0.5	Normal	SO	Sr-90	0.018	pCi/g	0.044	0.013		U
5B-00211	17-Dec-10	0	0.5	Normal	SO	Sr-90	0.014	pCi/g	0.046	0.014		U
5B-00273	17-Dec-10	0	0.5	Normal	SO	Sr-90	0.043	pCi/g	0.051	0.016		
5B-00274	17-Dec-10	0	0.5	Normal	SO	Sr-90	0.03	pCi/g	0.043	0.013		
5B-00304	16-Dec-10	0	0.5	Normal	SO	Sr-90	0.012	pCi/g	0.04	0.012		U
5B-00205	16-Dec-10	0	0.5	Normal	SO	Sr-90	0.009	pCi/g	0.043	0.013		U
5B-00212	20-Dec-10	0	0.5	Normal	SO	Sr-90	0.019	pCi/g	0.042	0.013		U
5B-00213	20-Dec-10	0	0.5	Normal	SO	Sr-90	0.022	pCi/g	0.049	0.015		U
5B-00214	20-Dec-10	0	0.5	Normal	SO	Sr-90	0.007	pCi/g	0.045	0.013		U
5B-00215	20-Dec-10	0	0.5	Normal	SO	Sr-90	0.037	pCi/g	0.049	0.015		
5B-00216	20-Dec-10	0	0.5	Normal	SO	Sr-90	0.042	pCi/g	0.053	0.017		
5B-00217	20-Dec-10	0	0.5	Normal	SO	Sr-90	0.009	pCi/g	0.051	0.015		U
5B-00218	20-Dec-10	0	0.5	Normal	SO	Sr-90	-0.006	pCi/g	0.063	0.018		U
5B-00219	21-Dec-10	0	0.5	Normal	SO	Sr-90	0.012	pCi/g	0.046	0.014		U
5B-00220	20-Dec-10	0	0.5	Normal	SO	Sr-90	-0.0006	pCi/g	0.058	0.017		U
5B-00221	20-Dec-10	0	0.5	Normal	SO	Sr-90	0.038	pCi/g	0.061	0.019		
5B-00222	21-Dec-10	0	0.5	Normal	SO	Sr-90	0.019	pCi/g	0.057	0.017		U
5B-00223	21-Dec-10	0	0.5	Normal	SO	Sr-90	-0.0009	pCi/g	0.046	0.013		U
5B-00224	21-Dec-10	0	0.5	Normal	SO	Sr-90	0.009	pCi/g	0.053	0.016		U
5B-00225	21-Dec-10	0	0.5	Normal	SO	Sr-90	0.015	pCi/g	0.052	0.016		U
5B-00226	21-Dec-10	0	0.5	Normal	SO	Sr-90	0.001	pCi/g	0.054	0.015		U
5B-00227	21-Dec-10	0	0.5	Normal	SO	Sr-90	-0.006	pCi/g	0.04	0.011		U
5B-00255	20-Dec-10	0	0.5	Normal	SO	Sr-90	0.031	pCi/g	0.055	0.017		
5B-00277	17-Dec-10	0	0.5	Normal	SO	Sr-90	-0.0053	pCi/g	0.033	0.0095		U
5B-00278	17-Dec-10	0	0.5	Normal	SO	Sr-90	0.036	pCi/g	0.034	0.011		
5B-00279	17-Dec-10	0	0.5	Normal	SO	Sr-90	-0.0046	pCi/g	0.033	0.0094		U
5B-00305	16-Dec-10	0	0.5	Normal	SO	Sr-90	-0.0044	pCi/g	0.029	0.0083		U
5B-00214	20-Dec-10	0	0.5	Normal	SO	Sr-90	-0.0519	pCi/g	0.188	0.0481	U	U

LocationName	DateCollected	BeginDepth	EndDepth	Matrix	AnalyteID	Activity	Rpt_Units	MDC	Count_Uncertainity	LabFlag	DV_Qualifier
7-00188	21-Feb-12	22	23	SO	Th-232	1.35	pCi/g	0.0178	0.0941		L
7-00188	21-Feb-12	15.5	19.5	SO	Th-232	1.13	pCi/g	0.049	0.0871		L
NBZ-00124	26-Mar-12	0	0.5	SO	Th-232	1.35	pCi/g	0.0515	0.0977		L
5DS-00018	28-Sep-11	0	0.5	SO	Th-232	2.04	pCi/g	0.0798	0.113		L
5DS-00018	08-Nov-11	1	2.5	SO	Th-232	3.28	pCi/g	0.0173	0.145		
5DS-00019	27-Sep-11	0	0.5	SO	Th-232	2.31	pCi/g	0.0648	0.128		L
5DS-00019	08-Nov-11	1	3.17	SO	Th-232	2.99	pCi/g	0.0472	0.139		L

LocationName	DateCollected	BeginDepth	EndDepth	Matrix	AnalyteID	Activity	Rpt_Units	MDC	Count_Uncertainity	LabFlag	DV_Qualifier
7-00188	21-Feb-12	15.5	19.5	SO	U-233/234	0.779	pCi/g	0.0955	0.0692		
7-00188	21-Feb-12	22	23	SO	U-233/234	2.29	pCi/g	0.0597	0.113		Y
NBZ-00124	26-Mar-12	0	0.5	SO	U-233/234	2.28	pCi/g	0.0968	0.11		
5DS-00018	28-Sep-11	0	0.5	SO	U-233/234	1.82	pCi/g	0.0991	0.106		
5DS-00018	08-Nov-11	1	2.5	SO	U-233/234	1.82	pCi/g	0.0651	0.0966		
5DS-00019	08-Nov-11	1	3.17	SO	U-233/234	2	pCi/g	0.0631	0.119	J	J
5DS-00019	27-Sep-11	0	0.5	SO	U-233/234	1.59	pCi/g	0.0672	0.1		

LocationName	DateCollected	BeginDepth	EndDepth	Matrix	AnalyteID	Activity	Rpt_Units	MDC	Count_Uncertainity	LabFlag	DV_Qualifier
7-00188	21-Feb-12	15.5	19.5	SO	U-235/236	0.0729	pCi/g	0.018	0.022		
7-00188	21-Feb-12	22	23	SO	U-235/236	0.171	pCi/g	0.0431	0.0349		Y
NBZ-00124	26-Mar-12	0	0.5	SO	U-235/236	0.127	pCi/g	0.04	0.0291		
5DS-00018	28-Sep-11	0	0.5	SO	U-235/236	0.0383	pCi/g	0.0462	0.0185		
5DS-00018	08-Nov-11	1	2.5	SO	U-235/236	0.065	pCi/g	0.0486	0.0222		
5DS-00019	08-Nov-11	1	3.17	SO	U-235/236	0.0628	pCi/g	0.0549	0.0252		
5DS-00019	27-Sep-11	0	0.5	SO	U-235/236	0.107	pCi/g	0.0207	0.0285		

LocationName	DateCollected	BeginDepth	EndDepth	Matrix	AnalyteID	Activity	Rpt_Units	MDC	Count_Uncertainity	LabFlag	DV_Qualifier
7-00188	21-Feb-12	15.5	19.5	SO	U-238	0.874	pCi/g	0.0145	0.0685		
7-00188	21-Feb-12	22	23	SO	U-238	2.23	pCi/g	0.0349	0.111		Y
NBZ-00124	26-Mar-12	0	0.5	SO	U-238	2.67	pCi/g	0.04	0.117		
5DS-00018	28-Sep-11	0	0.5	SO	U-238	1.74	pCi/g	0.0159	0.101		
5DS-00018	08-Nov-11	1	2.5	SO	U-238	2.07	pCi/g	0.0543	0.102		
5DS-00019	08-Nov-11	1	3.17	SO	U-238	2.22	pCi/g	0.0189	0.124	J	J
5DS-00019	27-Sep-11	0	0.5	SO	U-238	1.44	pCi/g	0.0167	0.0943		

LocationName	DateCollected	BeginDepth	EndDepth	SampleType	Matrix	AnalyteID	Activity	Rpt_Units	MDC	Count_Uncertainity	LabFlag	DV_Qualifier
7-00052	16-Sep-11	0	0.5	Normal	SO	Th-232	0.985	pCi/g	0.0514	0.0835		L
7-00022	16-Sep-11	0	0.5	Normal	SO	Th-232	0.882	pCi/g	0.052	0.0795		L
7-00066	23-Sep-11	0	0.5	Normal	SO	Th-232	1.33	pCi/g	0.0204	0.1		L
7-00184	16-Sep-11	0	0.5	Normal	SO	Th-232	0.853	pCi/g	0.0753	0.0791		L
7-00017	16-Sep-11	0	0.5	Normal	SO	Th-232	0.927	pCi/g	0.0186	0.0798		L
7-00017	26-Oct-11	1	2	Normal	SO	Th-232	0.993	pCi/g	0.0188	0.0831		L
7-00066	21-Oct-11	1	2.3	Normal	SO	Th-232	1.15	pCi/g	0.0397	0.0793		L
7-00090	15-Sep-11	0	0.5	Normal	SO	Th-232	0.77	pCi/g	0.0756	0.0901		L
7-00090	27-Oct-11	1	2.66	Normal	SO	Th-232	1.07	pCi/g	0.0184	0.0854		L
7-00151	22-Sep-11	0	0.5	Normal	SO	Th-232	1.14	pCi/g	0.0541	0.0921		L
7-00052	16-Sep-11	0	0.5	Duplicate	SO	Th-232	1.1	pCi/g	0.05	0.087		L
6-00045	23-Aug-11	1	5		SO	Th-232	1.38	pCi/g	0.0549	0.102		L
6-00045	17-Oct-11	0	0.5		SO	Th-232	1.56	pCi/g	0.018	0.102		

LocationName	DateCollected	BeginDepth	EndDepth	SampleType	Matrix	AnalyteID	Activity	Rpt_Units	MDC	Count_Uncertainity	LabFlag	DV_Qualifier
7-00052	16-Sep-11	0	0.5	Normal	SO	U-233/234	2.67	pCi/g	0.0148	0.121		
7-00022	16-Sep-11	0	0.5	Normal	SO	U-233/234	2.33	pCi/g	0.0358	0.115		
7-00066	23-Sep-11	0	0.5	Normal	SO	U-233/234	1.17	pCi/g	0.0277	0.0714		
7-00184	16-Sep-11	0	0.5	Normal	SO	U-233/234	2.61	pCi/g	0.0607	0.142	J	J
7-00017	16-Sep-11	0	0.5	Normal	SO	U-233/234	3.08	pCi/g	0.0348	0.13		
7-00017	26-Oct-11	1	2	Normal	SO	U-233/234	0.777	pCi/g	0.0437	0.0662		
7-00066	21-Oct-11	1	2.3	Normal	SO	U-233/234	2.61	pCi/g	0.0387	0.113		
7-00090	15-Sep-11	0	0.5	Normal	SO	U-233/234	4.09	pCi/g	0.0511	0.163	J	J
7-00090	27-Oct-11	1	2.66	Normal	SO	U-233/234	0.837	pCi/g	0.0596	0.0668		
7-00151	22-Sep-11	0	0.5	Normal	SO	U-233/234	4.07	pCi/g	0.0158	0.154		
7-00052	16-Sep-11	0	0.5	Duplicate	SO	U-233/234	2.57	pCi/g	0.0388	0.125		
6-00045	23-Aug-11	1	5		SO	U-233/234	1.48	pCi/g	0.0542	0.0948		
6-00045	17-Oct-11	0	0.5		SO	U-233/234	2.48	pCi/g	0.0249	0.151	J	J

LocationName	DateCollected	BeginDepth	EndDepth	SampleType	Matrix	AnalyteID	Activity	Rpt_Units	MDC	Count_Uncertainity	LabFlag	DV_Qualifier
7-00052	16-Sep-11	0	0.5	Normal	SO	U-235/236	0.171	pCi/g	0.0431	0.0348		
7-00022	16-Sep-11	0	0.5	Normal	SO	U-235/236	0.104	pCi/g	0.0188	0.0269		
7-00066	23-Sep-11	0	0.5	Normal	SO	U-235/236	0.0822	pCi/g	0.0343	0.0219		
7-00184	16-Sep-11	0	0.5	Normal	SO	U-235/236	0.107	pCi/g	0.0606	0.0337		
7-00017	16-Sep-11	0	0.5	Normal	SO	U-235/236	0.196	pCi/g	0.0183	0.0363		
7-00017	26-Oct-11	1	2	Normal	SO	U-235/236	0.0617	pCi/g	0.0186	0.0206		
7-00066	21-Oct-11	1	2.3	Normal	SO	U-235/236	0.177	pCi/g	0.0386	0.0335		
7-00090	15-Sep-11	0	0.5	Normal	SO	U-235/236	0.304	pCi/g	0.0217	0.0494		
7-00090	27-Oct-11	1	2.66	Normal	SO	U-235/236	0.0151	pCi/g	0.0687	0.0185	U	U
7-00151	22-Sep-11	0	0.5	Normal	SO	U-235/236	0.218	pCi/g	0.0455	0.0404		
7-00052	16-Sep-11	0	0.5	Duplicate	SO	U-235/236	0.121	pCi/g	0.0204	0.0301		
6-00045	23-Aug-11	1	5		SO	U-235/236	0.074	pCi/g	0.0201	0.0234		
6-00045	17-Oct-11	0	0.5		SO	U-235/236	0.14	pCi/g	0.0173	0.0299		

LocationName	DateCollected	BeginDepth	EndDepth	SampleType	Matrix	AnalyteID	Activity	Rpt_Units	MDC	Count_Uncertainity	LabFlag	DV_Qualifier
7-00052	16-Sep-11	0	0.5	Normal	SO	U-238	2.29	pCi/g	0.0495	0.112		
7-00022	16-Sep-11	0	0.5	Normal	SO	U-238	1.1	pCi/g	0.0152	0.0787		
7-00066	23-Sep-11	0	0.5	Normal	SO	U-238	1.1	pCi/g	0.0277	0.0693		
7-00184	16-Sep-11	0	0.5	Normal	SO	U-238	1.03	pCi/g	0.0607	0.0898		
7-00017	16-Sep-11	0	0.5	Normal	SO	U-238	2.65	pCi/g	0.0148	0.12		
7-00017	26-Oct-11	1	2	Normal	SO	U-238	0.876	pCi/g	0.015	0.0697		
7-00066	21-Oct-11	1	2.3	Normal	SO	U-238	2.47	pCi/g	0.0133	0.11		
7-00090	15-Sep-11	0	0.5	Normal	SO	U-238	1.68	pCi/g	0.0176	0.104		
7-00090	27-Oct-11	1	2.66	Normal	SO	U-238	0.857	pCi/g	0.0138	0.0662		
7-00151	22-Sep-11	0	0.5	Normal	SO	U-238	1.65	pCi/g	0.0456	0.0984		
7-00052	16-Sep-11	0	0.5	Duplicate	SO	U-238	2.19	pCi/g	0.0481	0.116		
6-00045	23-Aug-11	1	5		SO	U-238	1.7	pCi/g	0.0162	0.101		
6-00045	17-Oct-11	0	0.5		SO	U-238	2.34	pCi/g	0.0585	0.147	J	J