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U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

Docket No. 50-275, OL-DPR-80
Docket No. 50-323, OL-DPR-82
Diablo Canyon Units 1 and 2
2013 Annual Radiological Environmental Operating Report

Dear Commissioners and Staff:

In accordance with Diablo Canyon Power Plant, Units 1 and 2, Technical Specification 5.6.2, enclosed is the 2013 Annual Radiological Environmental Operating Report (AREOR). The AREOR contains material consistent with the objectives of the Offsite Dose Calculation Manual, and 10 CFR 50, Appendix I, Sections IV.B.2, IV.B.3, and IV.C.

There are no new or revised regulatory commitments in this report (as defined by NEI 99-04).

If you have any questions regarding this submittal, please contact Martin Wright at (805) 545-3821.

Sincerely,

Barry S. Allen

mem6/4418/64088692

Enclosure

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2013 ANNUAL RADIOLOGICAL ENVIRONMENTAL OPERATING REPORT



2013 Annual Radiological Environmental Operating Report Diablo Canyon Power Plant

January 1, 2013 - December 31, 2013



2013 Diablo Canyon Power Plant

ANNUAL RADIOLOGICAL ENVIRONMENTAL OPERATING REPORT (AREOR)

January 1, 2013 - December 31, 2013

Prepared By
Pacific Gas & Electric Company
Diablo Canyon Power Plant

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Reviewed & Approved by: Tim Irving Date: 4/17/14
Tim Irving, DCPD Radiation Protection Manager

EXECUTIVE SUMMARY

During the year 2013, a Radiological Environmental Monitoring Program (REMP) was conducted for the Diablo Canyon Power Plant (DCPP) to assess the levels of radiation or radioactivity in the environment. More than 261 environmental samples, 780 air samples, and 1134 thermo luminescent dosimeter (TLD) phosphors were collected over the course of the 2013 REMP monitoring period. Approximately 1694 radionuclide analyses were performed on the environmental and air samples.

This report contains results from the operational Radiological Environmental Monitoring Program for Diablo Canyon Power Plant compiled for the period January 1, 2013 through December 31, 2013. This program was conducted in accordance with DCPP Program Directive CY2, "Radiological Monitoring and Controls Program," and RP1.ID11, "Environmental Radiological Monitoring Procedure." This report was submitted per DCPP License Technical Specification 5.6.2.

The types of samples (matrix ID) collected for this monitoring period were as follows:

Air Particulate (AP)	Air Cartridges (AC) for iodide monitoring	Carbon-14 (AC14)	
Direct Radiation (TLD)	Milk (MK)	Meat (MT)	Vegetation (VG)
Drinking Water (DW)	Ground Water (GW)	Monitor Well (GW)	Surface Water (SW)
Aquatic Vegetation (AV)	Fish (FH)	Mussels (IM)	Sediment (SD)

In 2013, DCPP added routine voluntary supplemental vegetation sampling at Avila Valley Barn (station 7E1). DCPP also added routine voluntary supplemental airborne Carbon-14 sampling within the southeast sector.

Diablo Canyon REMP collected environmental samples and shipped them to General Engineering Labs (GEL) located in Charleston, South Carolina. All 2013 REMP environmental lab isotopic sample analyses were performed by GEL.

The ambient direct radiation levels in the DCPP offsite environs did not change and were within the pre-operational range. Beginning in June 2009, DCPP began loading of the onsite dry cask Independent Spent Fuel Storage Installation (ISFSI). ISFSI dry cask loading Campaign #4 occurred from August through September of 2013 within the site boundary. The ambient direct radiation levels within the DCPP plant site boundary near the ISFSI were elevated due to dry cask spent fuel storage. An evaluation of direct radiation measurements and member of public occupancy times surrounding the ISFSI indicated all

federal criteria for member of public dose limits were conservatively met. The ISFSI had no significant impact on the REMP Environmental TLD station readings within the vicinity of the site boundary (approximately 800 yards from U-1 Containment) and beyond.

On March 11th, 2011 the Tohoku-Oki earthquake (magnitude 9.0 M_w) and tsunami struck the east coast of Japan. The tsunami associated with this event caused nuclear accidents at the Daiichi Nuclear Power Station in Fukushima Prefecture, Japan. Isotopic releases occurred in Japan and were carried by the jet stream to the west coast of the United States during March 2011. The DCPD REMP periodically detected cesium (Cs-137) within market fish and cow meat due to deposition of Cs-137 from that event and the approximate 30 year half-life of Cs-137. Additional discussion on Fukushima related Cs-137 is found within Section 4.5 of this report.

Groundwater isotopic monitoring was conducted in accordance with the nuclear industry NEI 07-07 Groundwater Protection Initiative (GPI). Concentrations of tritium were detected in four monitoring wells (stations OW1, DY1, GW1, and 8S3) near the power block. This tritium was evaluated and attributed to rain-washout of gaseous tritium exiting the plant vent system (via an approved isotopic-effluents discharge path). No groundwater tritium has been attributed to DCPD system leaks or spills. Cesium (Cs-137) was also detected in one shallow monitoring well (DY1). This cesium was evaluated and attributed to rain-washout of Fukushima fallout isotopes during March 2011 rain events along the Central Coast of California (ref. 2011 DCPD AREOR). During these 2011 rain events, Fukushima related Cs-137 was deposited into the Central Coast environs in rain concentrations of 2.4 to 25.4 pCi/Liter. This Fukushima Cs-137 was detected within one sample of monitoring well DY1 at a concentration of 2.22 pCi/L in 2013 due to the approximate 30 year half-life of Cs-137. It should also be noted that studies of the DCPD site groundwater gradient indicated that any groundwater (subsurface) flow beneath the DCPD power block was not used as a source of drinking water. Due to topography and site characteristics, this groundwater gradient flow discharged into the Pacific Ocean which is approximately 100 yards from the power block.

An Old Steam Generator Storage Facility (OSGSF) long term storage mausoleum was constructed within the DCPD site boundary in 2007 for storage of eight retired DCPD steam generators and two retired DCPD reactor heads. This equipment was placed into this OSGSF on the following dates:

- March 2008 (outage 2R14), four DCPD Unit Two (U-2) Steam Generators
- February 2009 (outage 1R15), four DCPD Unit One (U-1) Steam Generators
- November 2009 (outage 2R15), one DCPD Unit Two (U-2) Reactor (Rx) Head
- October 2010 (outage 1R16), one DCPD Unit One (U-1) Rx Head

This OSGSF did not cause any changes to the ambient direct radiation levels within the DCPP environs during 2013. The OSGSF sumps were inspected quarterly by REMP personnel. These OSGSF sumps have remained empty and dry during 2013.

The results of the 2013 REMP showed no unusual environmental isotopic findings from DCPP site operations.

These results were compared to DCPP preoperational isotopic data and showed no unusual trends. Diablo Canyon site operations had no significant environmental radiological impact on airborne, surface water, drinking water, marine life, aquatic vegetation, terrestrial vegetation, sediment, milk, or meat radioactivity.

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1.0 INTRODUCTION

Diablo Canyon Power Plant (DCPP) consists of two Westinghouse pressurized water reactors (PWR). Unit 1 began commercial operation in 1985, and Unit 2 began commercial operation in 1986.

Radiological Environmental Monitoring Program (REMP) samples were collected by DCPP REMF personnel and sent to General Engineering Labs (GEL) in Charleston, South Carolina for isotopic analysis.

Fish (except market fish) and ocean sediment samples were collected by contract divers of Tenera Environmental and given to DCPP REMF personnel for shipment to GEL.

Market fish samples were collected by local commercial fishermen and then purchased by DCPP REMF personnel in one of two local fish markets for shipment to GEL.

Direct radiation analyses were conducted by DCPP REMF personnel and analyzed by the DCPP Thermoluminescent Dosimeter (TLD) Lab.

This AREOR summarizes the findings of the Radiological Environmental Monitoring Program (REMP) conducted by Diablo Canyon Power Plant. The remainder of this AREOR is organized as follows:

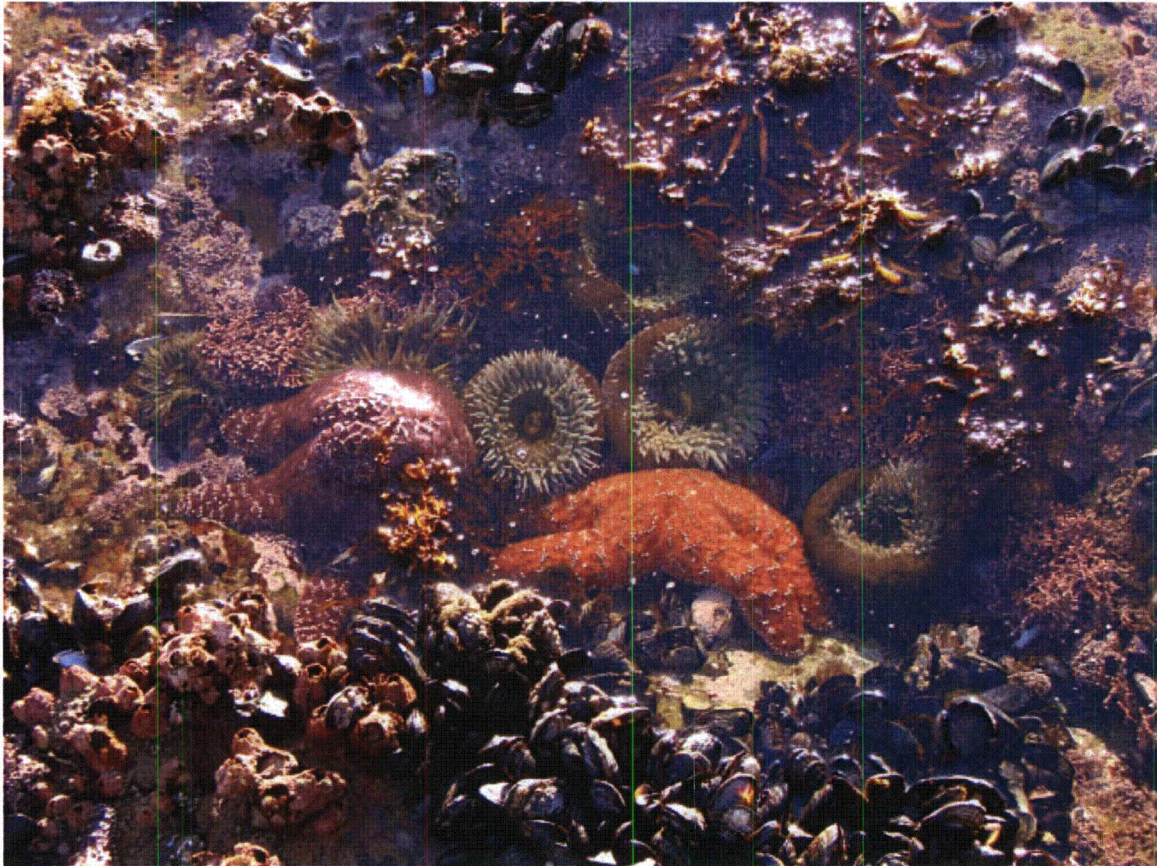
- Section 2: Provides a description of the overall REMP design. Included is a summary of the requirements for REMP sampling and tables listing routine sampling and TLD monitoring locations with distances from the plant. Tables listing Lower Limit of Detection requirements and Reporting Levels (NRC notification if levels exceeded) are also included.
- Section 3: Consists of the summarized data as required by the Radiological Environmental Monitoring Program. The summaries are provided similar to that specified by the NRC Branch Technical Position on Environmental Monitoring.
- Section 4: Provides a summary of the results for the samples collected. The performance of the program in meeting the requirements is discussed, and the data acquired during the monitoring period is analyzed. Also included is environmental TLD preoperational data trending.
- Section 5: Provides a summary of groundwater monitoring in accordance with the nuclear industry NEI 07-07 Groundwater Protection Initiative.

DCPP REMP sent replicate split samples of stations 7G1 vegetation (quarterly), 5F2 milk (monthly), 5S2 drinking water (monthly), DW1 drinking water (monthly), OUT seawater (monthly), DCM kelp (quarterly), DCM perch (quarterly), DCM rockfish (quarterly), and DCM ocean sediment (annually) to the California Department of Public Health - Radiologic Health Branch (CDPH-RHB) Laboratory as part of a California State split sampling program.

These split samples were independently analyzed by the CDPH-RHB.

Other pathways independently monitored by the CDPH-RHB were quarterly direct radiation TLD stations (MT1, 1A1, 1C1, 4D1, 5F3, 5S1, 7D1, 7C1, 7F1, and 8S2) and weekly air sampling particulate and I-131 (at stations 5F3 and 7D1).

The general public can access these CDPH-RHB split sampling data results via the internet at <http://www.cdph.ca.gov/programs/Pages/RHB-RadReport.aspx>.



2.0 PROGRAM DESIGN

The Radiological Environmental Monitoring Program (REMP) for the Diablo Canyon Power Plant (DCPP) was designed with the following specific objectives in mind. These objectives continue to be in force, to varying degrees, throughout facility operation:

- To provide an early indication of the appearance or accumulation of any radioactive material in the environment caused by facility operation. Preoperational data is also used in this comparison.
- To provide assurance to regulatory agencies and the public that the station's environmental impact is known and within anticipated limits.
- To provide standby monitoring capability for rapid assessment of risk to the general public in the event of unanticipated or accidental releases of radioactive material.

The environmental media selected were based on the critical dose pathways of the radionuclides from the environment to man. They included the following: direct radiation, air, water, fish, ocean sediment, and

invertebrates. Supplemental samples such as algae, kelp, local agricultural crops, recreational beach sand, groundwater, meat, and milk were also collected. The sampling locations were determined by land use, site meteorology, and local demographics. Guidance for this monitoring program is provided by the Radiological Assessment Branch Technical Position on Radiological Environmental Monitoring, Revision 1, November 1979 (NUREG-1301).

The detailed sampling requirements of the REMP are given in Table 2.1 of this report.

Any deviations from the REMP sampling schedule / requirements are documented in section 4.0 of this report.

Data summary tables of REMP sampling for the period are shown in Appendix A of this report.

Direct dose (environmental TLDs) results are shown in Appendix B of this report.

Individual REMP sample isotopic results are shown in Appendix C of this report. Detected concentrations (> MDC) of nuclear power plant related isotopes have been highlighted with yellow background and bold font for quick identification by the reader. Naturally occurring isotopes were not highlighted (including gross beta, Be-7, K-40, thorium, radium, radon, lead, etc).

2.1 MONITORING ZONES

The REMP was designed to allow comparison of levels of radioactivity in samples from the areas possibly influenced by DCPD to levels found in areas not influenced by the facility operations. Areas with the potential to be influenced by facility operations are called "indicator" stations. Areas with sufficient distance from the plant that are not likely to be influenced by facility operations are called "control" stations. The distinction between the two zones is based on distance and relative direction from the plant. Analysis of survey data from the two zones aided in determination of site environmental influence. Analysis from the two zones helped in differentiation between radioactive releases and seasonal variations in the natural environmental background. It also helped with differentiation of Fukushima related isotopes found within the environment since March 2011.

2.2 PATHWAYS MONITORED

Direct Radiation

Airborne Radioactivity

Waterborne Pathways

Marine Biological, Beach Sand, and Ocean Sediment

Food Crops

Milk

Meat

2.3 DESCRIPTIONS OF REMP MONITORING

2.3.1 Direct Radiation

Direct ambient radiation was measured at 32 stations in the vicinity of DCPD using Panasonic UD814 TLD badges. The TLD badges had valid element correction factors (ECF), were calibrated using a NIST-traceable caesium-137 source, were annealed prior to placement, and were sealed in watertight packaging. Three TLD badges were placed at each station and each badge contained 3 phosphors for a total of 9 phosphors at each station. The 9 phosphors were analyzed and averaged to provide a single station reading. The net exposure was reported over a standard 90 day quarter. These badges were replaced on a quarterly basis.

Direct ambient radiation was measured at 8 stations in the vicinity of the Independent Spent Fuel Storage Installation (ISFSI) using Panasonic UD814 TLD badges. The TLD badges had valid element correction factors (ECF), were calibrated using a NIST-traceable caesium-137 source, were annealed prior to placement, and were sealed in watertight packaging. Three TLD badges were placed at each station and each badge contained 3 phosphors for a total of 9 phosphors at each station. The 9 phosphors were analyzed and averaged to provide a single station reading. The net exposure was reported over a standard 90 day quarter. These badges were replaced on a quarterly basis.

The field TLD badge packets were prepared and processed by DCPD personnel and the DCPD TLD Lab. Control badges were carried with the field badges to

measure any dose received during transit. The location, date, and time of exchange were recorded on a log sheet which accompanied the field badges. The net exposure was reported over a standard 90 day quarter.

DCPP Environmental TLD standard quarter results are measurements of all environmental gamma radiation sources (cosmic, terrestrial, radon, etc) at each station during the deployment period. Transient and lab storage background dose contributions were subtracted prior to reporting.

2.3.2 Airborne Radioactivity

Air particulate and radioiodine sampling were performed weekly at six indicator stations: MT1, 0S2, 1S1, 7D1, 8S1 and 8S2. Air particulate and radioiodine sampling was performed weekly at one control station: 5F1.

Constant flow air samplers (F&J model DF-1) were used to draw air through paper filters to collect air particulates and through triethylenediamine (TEDA) impregnated charcoal cartridges to collect radioiodine. From January to August, the air samplers were set at a flow rate of 1.5 standard cubic feet per minute. In August, REMP air samplers were converted to read out in units of cubic meters per hour in order to correlate with AREOR cubic meter reporting criteria. From August to December, the air samplers were set to a flow rate of 2.55 cubic meters per hour (which is equivalent to 1.5 standard cubic feet per minute). The air samplers were located approximately seven feet above the ground. The sample volumes were determined by F&J Corporation model DF-1 flowmeters (corrected to standard temperature and pressure, STP) which were installed downstream of the sample head. At the end of the weekly sampling period, the particulate filter and TEDA charcoal cartridge were collected. All necessary data regarding the air volume readings, flowrate, sampler time on / off, date of collection, and sampler station location were recorded and submitted to GEL along with the samples for isotopic analysis.

Approximately 72 hours after sampling (to allow for radon and thoron daughter decay), the particulate filter papers collected from the field were placed on individual planchets and counted for gross beta activity in a low background, thin window gas proportional counter.

Quarterly gamma spectroscopy isotopic analysis was performed on composites of the filters (by station) to determine the activity concentration of gamma emitting isotopes. The quarterly composite is reported at the midpoint of the quarter monitored.

Each station weekly TEDA impregnated charcoal cartridge was counted for gamma spectroscopy isotopic analysis to determine the radioiodine concentration.



2.3.3 Airborne Carbon-14

Air Carbon-14 sampling was performed weekly at station 8S1.

General Engineering Labs (GEL) and DCCP REMP worked together to develop a method for sampling environmental airborne inorganic C-14. Inorganic C-14 (as CO₂) is the primary exposure pathway to man via photosynthesis in plants (vegetation and meat). This method development began during the fourth quarter of 2012 and the LLD capability was improved into 2013. C-14 data from the 2012 experimental process development is also included in Appendix C for reference. A constant flow air sampler was used to draw air through a solid phase carbon sensitive sorbent cartridge. The air sampler was set at a flow rate of 1.0 standard liter per minute. The air sample cartridge head was located approximately seven feet above the ground. At the end of the weekly sampling

period, the filter cartridge was collected. All necessary data regarding the air volume reading, flowrate, sampler time on / off, date of collection, and sampler station location were recorded and submitted to GEL along with the sample for Carbon-14 analysis. At GEL, a suitable portion of the solid sorbent material was processed through a method utilizing wet oxidation to remove volatile CO₂ from the media in a closed distillation system. Once removed from the media, C-14 as carbon dioxide was sparged through a dilute acid solution for trapping any tritiated water present in the sample. After sparging through dilute acid, the CO₂ was trapped in a sorbing solution which was added to liquid scintillation cocktail and finally counted in a liquid scintillation counter. It should be noted that C-14 results in Appendix C are reported in uCi/cubic meter. This method met the following specifications:

- Validated to retain 99.9% of inorganic C-14 in air
- Validated at collection rates of approximately 1.0 liter per minute
- Validated for total collection capacity over a 1 week sampling interval
- Accurate analysis of C-14 over a wide range of concentrations
- Methodology free from interference by other radionuclides
- Detection limits of approximately 1 pCi per cubic meter

2.3.4 Waterborne

Water samples (drinking water, surface water, monitor wells, and groundwater) were collected at the frequencies shown in Table 2.1

Ocean surface water samples were collected at Diablo Cove (station DCM), Rattlesnake Canyon (station 7C2), and at the plant Outfall (station OUT).

Drinking water samples were collected from Diablo Creek Weir (station 5S2), Diablo Creek Outlet (station WN2), Blanchard Spring (station 1A2), and from the DCPD drinking water system (station DW1). Drinking water was also collected from a control station located at 4325 South Higuera Street, Offsite Emergency Lab (station OEL) in San Luis Obispo.

Supplemental groundwater samples were collected from Water Well 02 (WW2)

and DCSF96-1 (8S3).

Supplemental on-site monitoring well samples were collected from french drain systems labeled Observation Well 01 (OW1), Observation Well 02 (OW2), and Drywell 115 (DY1). These shallow wells were located in close proximity to the facility power block structures and within the protected area.

Two new on-site monitoring wells were installed in December 2011 as part of the industry Groundwater Protection Initiative (GPI). Isotopic sampling of these wells was initiated in 2012. These two new onsite wells were downgradient of the power block and located along the western side of the power block. These two new monitoring wells were labeled Groundwater 1 (GW1) and Groundwater 2 (GW2).

After collection, the samples were securely sealed and labeled with sample type, station ID, date, time of collection, person performing the collection and sent to GEL for analysis.

2.3.5 Marine Biological, Beach Sand, and Ocean Sediment

The REMP required sampling of rockfish (genus *Sebastes*), perch (family Embiotocidae), mussels (genus *Mytilus*), and ocean sediment from indicator station DCM and control station 7C2.

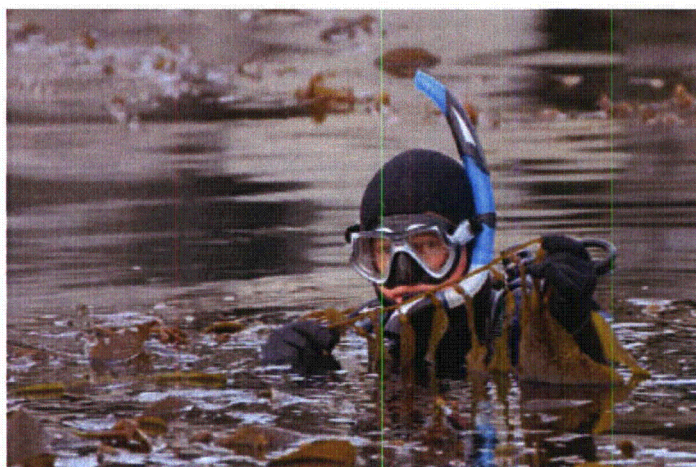
All other marine samples collected were considered supplemental. These supplemental marine samples included the following: intertidal algae, intertidal mussels, kelp, and market fish. The intertidal samples were collected by DCPD personnel during low tidal conditions. Kelp was collected quarterly by DCPD personnel from the offshore kelp bed in the vicinity of the plant.

Quarterly samples of fish and an annual sample of ocean sediments were collected from the plant environs by contracted divers (TENERA Environmental). The Tenera divers fillet the fish and leave a small portion of skin for identification.

Beach sand was collected by DCPD personnel between the high and low tide boundaries at nearby recreational beaches.

Fish caught locally by commercial fishermen were purchased from two local fish markets (Avila Beach Pier-7D3 and Morro Bay-2F1).

All samples were subject to unavailability due to seasonal fluctuations or unfavorable sampling conditions. The above samples were sealed in plastic bags immediately upon collection. Mussels were sent to GEL in-shell where GEL personnel removed the meat & internal organs for analysis. Only edible portions of the fish were analyzed (fish fillets). The samples were labeled with sample type, station ID, date, time of collection, and the individual who performed collection. The samples were then frozen (to prevent spoilage odor) before they were sent to GEL for analysis



2.3.6 Food Crops

The REMP required broadleaf food vegetation to be collected in the nearest off-site locations of the highest calculated annual average ground level D/Q (dispersion parameter) within 5 miles. There was no broadleaf food vegetation available that satisfied this requirement. Because these food products were unavailable, the DCPD REMP conducted additional air sampling in the SE (station 8S2) and NNW (station 1S1) sectors.

Additional representative samples of food crops (in season) were collected monthly from supplemental stations: Cal Poly Farm (5F2), Kawaoka Farm in Arroyo Grande (7G1), Mello Farm (7C1) along the DCPD site access road, and quarterly gardens (3C1, 6C1, and 7E1).

The samples at 5F2, 7G1, 7C1, 3C1, and 7E1 were collected by DCPD personnel and sealed immediately in plastic bags. The quarterly garden sample at 6C1 was provided to DCPD personnel by the land occupant (due to property access difficulty and privacy).

The samples were labeled with sample type, station ID, collection date, collection time, and the individual who performed collection. The samples were normally frozen before they were sent to GEL for analysis (to prevent spoilage odor).



2.3.7 Milk

There were no animals within the 5 mile vicinity of the plant that were utilized for milk consumption by humans. However, supplemental samples of cow milk were collected monthly from Cal Poly Farm (5F2) which was approximately 13 miles from DCPD.

Two 1-gallon plastic containers of milk were collected each sampling period by DCPD personnel. Forty grams of sodium bisulfite preservative were added to each gallon of milk sample. The containers were sealed and shaken thoroughly to distribute the preservative. The containers were labeled with sample type, station ID, collection date, collection time, and the individual who performed collection. The samples were then express shipped to GEL for analysis.



2.3.8 Meat

A rancher routinely grazed (free range, grass fed) cattle, goats, and sheep within three miles of the site boundary between the northwest to east sectors (clockwise). These livestock meats were offered at local farmer's markets and private distribution. This meat distribution commodity began at the end of 2007. Because it was possible for this vendor to provide an individual's sole-source of annual meat consumption, this meat sampling was included in the REMP.

REMP personnel obtained commercially packaged meat samples of each species directly from the land owner. Gamma spec and total strontium 89/90 analyses were performed on the meat.

Control station free range, grass fed meat sampling was conducted of ranches outside the influence of DCP. At the beginning of 2013, this meat was sampled from Hearst Ranch meat which is located approximately 37 miles north of the DCP site. This REMP station code was HCM (Hearst Cow Meat) and provided a control location far from the site. During the fourth quarter of 2013, local grocery stores discontinued the sale of Hearst Ranch meat due to drought conditions in San Luis Obispo County. These grocery stores switched suppliers to Sun Fed Ranch which raises cattle in the foothills of Sacramento Valley and the rangeland of the Klamath Basin between Mt Shasta and Crater Lake. Sun Fed Ranch beef is free range, grass fed beef. The REMP control station HCM will remain as designated with the understanding that HCM represents a control beef station and not a specific ranch location. REMP personnel purchased HCM meat directly from local public grocery stores.

Property owners could hunt deer and wild pig (in season) within 5 miles of the site boundary. The REMP could not obtain deer meat samples from these property owners (voluntary participation) in 2013. Gamma spec and strontium analyses were performed on the deer meat if provided.

The meat was initially packaged by the livestock owners or commercial processes. The meat was purchased at local grocery stores or turned over to REMP personnel. The unopened packages were then separated by species and placed into large over-pack zip-lock bags. Each bag was labeled with sample type, station ID, collection date, collection time, and the individual who performed the collection. The samples were then frozen and sent to GEL.

TABLE 2.1:
Radiological Environmental Monitoring Program

Exposure Pathway and/or Sample Type	Number of Representative Samples and Sample Locations ¹	Sampling Stations	Collection Frequency	Type of Analysis	Required or Supplemental
1. Direct Radiation ²	Thirty-two routine monitoring stations containing thermo luminescent dosimeters (TLDs) such that at least two (2) phosphors are present at each station, placed as follows:				
	An inner ring of stations, one in each terrestrial meteorological sector in the general area of the SITE BOUNDARY;	0S1, 0S2, WN1, 1S1, 2S1, 3S1, 4S1, 5S1, 6S1, 7S1, 8S1, 9S1, 8S2, 5S3, and MT1	Quarterly	Gamma Dose	Required
	An outer ring of stations, one in each terrestrial meteorological sector in the 2.5 to 14 km range from the site; and	0B1, 1A1, 1C1, 2D1, 3D1, 4C1, 5C1, 6D1, and 7C1	Quarterly	Gamma Dose	Required
	One or two areas to serve as control stations; and	2F2, 4D1, 5F1	Quarterly	Gamma Dose	Required
	The balance of the stations to be placed in special interest areas such as population centers, nearby residences, or schools.	5F3, 7D1, 7D2, 7F1, and 7G2	Quarterly	Gamma Dose	Required
	A minimum of four stations around the ISFSI	IS1, IS2, IS3, IS4, IS5, IS6, IS7, IS8	Quarterly	Gamma Dose	Required
2. Airborne Radioiodine	Samples from ≥ 4 stations:				
	Three samples from close to the three SITE BOUNDARY locations (0S2, 8S1, & MT1) in different sectors.	0S2, 8S1, and MT1	Continuous sampler operation with sample collection weekly, or more frequently if required by dust loading.	I-131 analysis	Required
	One sample from the vicinity of a community having the highest calculated annual average ground level D/Q.	7D1	Continuous sampler operation with sample collection weekly, or more frequently if required by dust loading.	I-131 analysis	Required
	If food products are unavailable, additional air sampling will be done in the NNW (station 1S1) and SE (Station 8S2) sectors.	1S1 & 8S2	Continuous sampler operation with sample collection weekly, or more frequently if required by dust loading.	I-131 analysis	Required
	One sample from a control location.	5F1	Continuous sampler operation with sample collection weekly, or more frequently if required by dust loading.	I-131 analysis	Required

Table 2.1 (continued)

Exposure Pathway and/or Sample Type	Number of Representative Samples and Sample Locations ¹	Sampling Stations	Collection Frequency	Type of Analysis	Required or Supplemental
3. Airborne Particulate	Samples from ≥ 4 stations:				
	Three samples from close to the three SITE BOUNDARY locations (0S2, 8S1, & MT1) in different sectors.	0S2, 8S1, and MT1	Continuous sampler operation with sample collection weekly, or more frequently if required by dust loading.	Weekly gross beta radioactivity analysis following filter change ³ . Quarterly gamma isotopic analysis ⁴ of composite consisting of approx 12 filters (by location).	Required
	One sample from the vicinity of a community having the highest calculated annual average ground level D/Q.	7D1	Continuous sampler operation with sample collection weekly, or more frequently if required by dust loading.	Weekly gross beta radioactivity analysis following filter change ³ . Quarterly gamma isotopic analysis ⁴ of composite consisting of approx 12 filters (by location).	Required
	If food products are unavailable, additional air sampling will be done in the NNW (station 1S1) and SE (Station 8S2) sectors.	1S1 & 8S2	Continuous sampler operation with sample collection weekly, or more frequently if required by dust loading.	Weekly gross beta radioactivity analysis following filter change ³ . Quarterly gamma isotopic analysis ⁴ of composite consisting of approx 12 filters (by location).	Required
	One sample from a control location.	5F1	Continuous sampler operation with sample collection weekly, or more frequently if required by dust loading.	Weekly gross beta radioactivity analysis following filter change ³ . Quarterly gamma isotopic analysis ⁴ of composite consisting of approx 12 filters (by location).	Required
4. Airborne Carbon-14					
	One sample from SE sector	8S1	Continuous sampler operation with sample collection weekly, or more frequently if required by dust loading.	C-14 analysis	Supplemental

Table 2.1 (continued)

Exposure Pathway and/or Sample Type	Number of Representative Samples and Sample Locations ¹	Sampling Stations	Collection Frequency	Type of Analysis	Required or Supplemental
5. Waterborne					
a. Surface Ocean Water	One sample from the plant Outfall, Diablo Cove, and an area not influenced by plant discharge.	OUT, DCM, and 7C2	Monthly (grab sample)	Gamma isotopic ⁴ and tritium analysis.	Required
	One sample from the plant Outfall, Diablo Cove, and an area not influenced by plant discharge.	OUT, DCM, and 7C2	Quarterly (grab sample)	Gross Beta, Total Sr 89/90, Fe-55, and Ni-63	Supplemental
b. Drinking Water	One sample from the plant drinking water, one sample from Diablo Creek (upstream of plant), and one control sample.	DW1 and 5S2 OEL (control)	Monthly (grab sample)	Gamma isotopic ⁴ , I-131, and tritium analysis.	Required
	One sample from the plant drinking water, one sample from Diablo Creek (upstream of plant), and one control sample.	DW1 and 5S2 OEL (control)	Quarterly (grab sample)	Gross Beta, Total Sr 89/90, Fe-55, and Ni-63	Supplemental
	One sample from Diablo Creek (downstream of plant) and one sample from Blanchard Spring.	WN2 and 1A2	Quarterly (grab sample)	Gamma isotopic ⁴ , tritium, I-131, gross beta, Total Sr 89/90, Fe-55, and Ni-63	Supplemental
c. Groundwater	One sample from wells located under or downgradient from the plant power block.	OW1, OW2, DY1, GW1, and GW2	Quarterly (grab sample, when available)	Gamma isotopic ⁴ , tritium, gross beta, Total Sr 89/90, Fe-55, and Ni-63	Supplemental
	One sample from a well located outside the plant power block (control sample).	WW2, 8S3	Quarterly (grab sample, when available)	Gamma isotopic ⁴ , tritium, gross beta, Total Sr 89/90, Fe-55, and Ni-63	Supplemental
d. Sediment	One sample of offshore ocean sediment from Diablo Cove and Rattlesnake Canyon.	DCM and 7C2	Annual (grab sample)	Gamma isotopic ⁴	Required
	One sample of offshore ocean sediment from Diablo Cove and Rattlesnake Canyon.	DCM and 7C2	Annual (grab sample)	Total Sr 89/90, Fe-55, and Ni-63	Supplemental
	One sample from each of five local recreational beaches.	AVA, MDO, PMO, CYA, and CBA	Semi-Annual (grab sample)	Gamma isotopic ⁴ , Total Sr 89/90, Fe-55, and Ni-63	Supplemental
e. Marine Flora	One sample of kelp	DCM, PON, POS, and 7C2	Quarterly (when available)	Gamma isotopic ⁴	Supplemental
	One sample of intertidal algae	DCM and 7C2	Quarterly (when available)	Gamma isotopic ⁴	Supplemental

Table 2.1 (continued)

Exposure Pathway and/or Sample Type	Number of Representative Samples and Sample Locations ¹	Sampling Stations	Collection Frequency	Type of Analysis	Required or Supplemental
6. Ingestion					
a. Milk	Samples from milking animals in three locations within 5 km distance having the highest dose potential. If there are none, then one sample from milking animals in each of three areas between 5 to 8 km distance where doses are calculated to be greater than 1 mrem per year. One sample from milking animals at a control location 15 to 30 km distant and in the least prevalent wind direction. NOTE: The sample (5F2) should be taken monthly even if there are no indicator samples available.	5F2	Semimonthly when animals are on pasture; monthly at other times.	Gamma isotopic ⁴ and I-131 analysis.	Supplemental
b. Fish and Invertebrates	One sample of rock fish (family Sebastes) and one sample of perch (family Embiotocidae)	DCM and 7C2	Quarterly (grab sample)	Gamma isotopic ⁴ analysis on edible portions of each sample.	Required
	One sample of rock fish (family Sebastes) and one sample of perch (family Embiotocidae)	PON and POS	Quarterly (grab sample)	Gamma isotopic ⁴ analysis on edible portions of each sample.	Supplemental
	One sample of mussel (family Mytilus)	DCM and 7C2	Quarterly (grab sample)	Gamma isotopic ⁴ analysis on edible portions of each sample.	Required
	One sample of mussel (family Mytilus)	PON	Annual (grab sample)	Gamma isotopic ⁴ analysis on edible portions of each sample.	Supplemental
	One sample of mussel (family Mytilus)	POS	Quarterly (grab sample)	Gamma isotopic ⁴ analysis on edible portions of each sample.	Supplemental
	One sample of locally harvested market fish.	7D3 OR 2F1 (should alternate between locations)	Quarterly (grab sample)	Gamma isotopic ⁴ analysis on edible portions of each sample.	Supplemental

Table 2.1 (continued)

Exposure Pathway and/or Sample Type	Number of Representative Samples and Sample Locations ¹	Sampling Stations	Collection Frequency	Type of Analysis	Required or Supplemental
c. Broadleaf Vegetation ⁵	Three samples of broadleaf vegetation grown nearest off-site locations of highest calculated annual average ground level D/Q IF milk sampling is not performed.		Monthly (when available)	Gamma isotopic ⁴ analysis (that includes I-131) on edible portion.	Required (see notation #5)
	One sample of each of the similar broadleaf vegetation grown 15 to 30 km distant in the least prevalent wind direction IF milk sampling is not performed.		Monthly (when available)	Gamma isotopic ⁴ analysis (that includes I-131) on edible portion.	Required (see notation #5)
d. Vegetative Crops	One sample of broadleaf vegetation or vegetables or fruit	5F2, 7C1, and 7G1	Monthly (when available)	Gamma isotopic ⁴ analysis on edible portion.	Supplemental
	One sample of broadleaf vegetation or vegetables or fruit.	3C1, 6C1, 7E1	Quarterly (as provided by land owner)	Gamma isotopic ⁴ analysis on edible portion.	Supplemental
e. Meat sample	One sample of each species (cow, goat, sheep, deer, or pig) of edible meat portion slaughtered for personal consumption (not mass market).	BCM, BGM, BSM, JDM, JPM, ACM, ADM, APM, HCM	Quarterly (as available and provided by land owners within 8 km of plant site)	Gamma isotopic ⁴ analysis, and Total Sr 89/90 on edible portion.	Supplemental

Table Notations

- Deviations are permitted from the required sampling schedule if specimens are unobtainable due to circumstances such as hazardous conditions, seasonal unavailability, malfunction of automatic sampling equipment and other legitimate reasons. If specimens are unobtainable due to sampling equipment malfunction, effort shall be made to complete corrective action prior to the end of the next sampling period. All deviations from the sampling schedule shall be documented in the Annual Radiological Environmental Operating Report. It is recognized that, at times, it may not be possible or practicable to continue to obtain samples of the media of choice at the most desired location or time. In these instances, suitable specific alternative media and locations may be chosen for the particular pathway in question and appropriate substitutions made within 30 days in the Radiological Environmental Monitoring Program, and submitted in the next Annual Radioactive Effluent Release Report, including a revised figure(s) and table for the ERMP reflecting the new location(s) with supporting information identifying the cause of the unavailability of samples for that pathway and justifying the selection of the new location(s) for obtaining samples.
- For the purposes of this table, a thermoluminescent dosimeter (TLD) is considered to be one phosphor. There are normally three calcium sulfate phosphors in an environmental TLD BADGE. Film badges shall not be used as dosimeters for measuring direct radiation.
- Airborne particulate sample filters shall be analyzed for gross beta radioactivity 24 hours or more after sampling to allow for radon and thoron daughter decay. If gross beta activity in air particulate samples is greater than 10 times the yearly mean of control samples, gamma isotopic analysis shall be performed on the individual samples.
- Gamma isotopic analysis means the identification and quantification of gamma-emitting radionuclides that may be attributable to the effluents from the facility.
- If broadleaf vegetation food products are unavailable, additional air sampling as specified in Table 2.1, Parts 2 & 3 will be done in the NNW (station 1S1) and SE (Station 8S2) sectors.
- The Branch Technical Position (Nov 79) states, "Any location from which milk can no longer be obtained may be dropped from the surveillance program after notifying the NRC in writing that they are no longer obtainable at that location". Although milk sampling performed at 5F2 is outside the 5-mile radius and is supplemental to the REMP, this notification should take place if 5F2 milk sampling ceases.

TABLE 2.2**Distances and Directions to Environmental Monitoring Stations**

Station Code ^(a)	Station Name	Radial Direction** (True Heading) Degrees	Radial Distance** From Plant	
			km	Miles
0S1	Exclusion Fence-Northwest Corner	320	0.16	0.1
0S2	North Gate	320	0.8	0.5
1S1	Wastewater Pond	330	0.64	0.4
2S1	Back Road-300 m North of Plant	0	0.32	0.2
3S1	Road NW of 230 kV Switchyard	23	0.64	0.4
4S1	Back Road Between Switchyards	43	0.8	0.5
5S1	500 kV Switchyard	58	0.64	0.4
5S2	Diablo Creek Weir	65	0.96	0.6
5S3	Microwave Tower Road	70	1.02	0.7
6S1	Microwave Tower	94	0.8	0.5
7S1	Overlook Road	112	0.48	0.3
8S1	Target Range	125	0.8	0.5
8S2	Southwest Site Boundary	128	1.76	1.1
8S3	DCSF 96-1 (monitor well)	145	0.52	0.33
9S1	South Cove	167	0.64	0.4
MT1	Meteorological Tower	185	0.32	0.2
DCM	Diablo Cove Marine	270	0.32	0.2
WN1	Northwest Guard Shack	290	0.32	0.2
WN2	Diablo Creek Outlet	283	0.25	0.15
1A1	Crowbar Canyon	327	2.56	1.6
1A2	Blanchard Spring	331	2.4	1.5
0B1	Point Buchon	325	5.76	3.6
1C1	Montana de Oro Campground	336	7.52	4.7
3C1	Ranch Vegetation	20	7.16	4.5
4C1	Clark Valley Gravel Pit	45	9.28	5.8
5C1	Junction Prefumo/See Canyon Roads	64	7.52	4.7
6C1	Household Garden	98	7.24	4.5
7C1	Pecho Creek Ruins (Mello Farm)	120	6.56	4.1
7C2	Rattlesnake Canyon	124	7.52	4.7
2D1	Sunnyside School	10	11.04	6.9
3D1	Clark Valley	24	9.92	6.2
4D1	Los Osos Valley Road	36	12.16	7.6
6D1	Junction See/Davis Canyon Roads	89	13.4	8.3
7D1	Avila Gate	118	10.56	6.6
7D2	Avila Beach	110	12.16	7.6
7D3	Avila Pier	120	11.0	6.9
7E1	Avila Valley Barn	103	13.94	8.7
2F1	Morro Bay (Commercial Landing)	0	17.44	10.9
2F2	Morro Bay Power Plant	358	17.9	11.2
5F1	SLO OEL	79	16.41	10.2
5F2	Cal Poly Farm	60	20.16	12.6
5F3	SLO County Health Department	70	20.32	12.7

Table 2.2 (continued)

Station Code ^(a)	Station Name	Radial Direction** (True Heading) Degrees	Radial Distance** From Plant	
			km	Miles
7F1	Shell Beach	110	17.28	10.8
7G1	Arroyo Grande (Kawaoka Farm)	115	26.88	16.8
7G2	Oceano Substation	118	27.68	17.3
AVA	Avila Beach (near pier)	109	11.75	7.3
CBA	Cambria Moonstone Beach	330	45.86	28.5
CYA	Cayucos Beach (near pier)	350	26.87	16.7
DY1	Drywell 115'	77	0.041	0.026
DW1	Drinking Water (Plant Potable Water Sys)	161	0.59	0.37
GW1	Groundwater Monitoring Well 1	271	0.15	0.09
GW2	Groundwater Monitoring Well 2	204	0.21	0.13
IS1-IS8	ISFSI	65	0.48	0.3
MDO	Montana de Oro (Spooners Cove)	336	7.56	4.7
OW1	Observation Well 01	336	0.07	0.046
OW2	Observation Well 02	157	0.07	0.045
OEL	Offsite Emergency Lab	79	16.41	10.2
OUT	Plant Outfall	270	0.32	0.2
PMO	Pismo Beach (near pier)	113	20.76	12.9
PON	Pacific Ocean North of Diablo Cove	305	2.4	1.5
POS	Pacific Ocean South of Diablo Cove	180	0.64	0.4
WW2	Water Well 02	70	1.02	0.63
BCM	Blanchard (Farm) Cow Meat	320	1.94	1.2
BGM	Blanchard (Farm) Goat Meat	320	1.94	1.2
BSM	Blanchard (Farm) Sheep Meat	320	1.94	1.2
HCM	Hearst (Ranch) Cow Meat	328	59.5	37
JDM	Johe (Property) Deer Meat	21	5.24	3.26

*The reference point used is the dome of Unit 1 containment.

***Station Code (XYZ):**

X - First number (0-9) represents the radial sector in which the station is located:

- | | |
|---------------------|---------------------|
| 0 - Northwest | 5 - East-northeast |
| 1 - North-northwest | 6 - East |
| 2 - North | 7 - East-southeast |
| 3 - North-northeast | 8 - Southeast |
| 4 - Northeast | 9 - South-southeast |

Y - Letter (S, A-H) represents the distance from the plant:

- S - On-site
- A - 0-2 miles from plant (but off-site)
- B - 2-4 miles from plant
- C - 4-6 miles from plant
- D - 6-8 miles from plant
- E - 8-10 miles from plant
- F - 10-15 miles from plant
- G - 15-20 miles from plant
- H - Greater than 20 miles from plant

Z - Second number represents the station number within the zone.

Table 2.2 (continued)

*Station Codes exceptions:

The following stations do not follow the coding system:

- Diablo Cove Marine (DCM)
- Meteorological Tower (MT1)
- Northwest guard shack (WN1)
- Diablo Creek outlet (WN2)
- Pacific Ocean North (PON)
- Pacific Ocean South (POS)
- Offsite Emergency Lab (OEL)
- Plant outfall (OUT)
- Drinking water (DW1)
- Water Well 02 (WW2)
- Observation Well 01 (OW1)
- Observation Well 02 (OW2)
- Drywell 115 (DY1)
- Avila Beach (AVA)
- Groundwater Monitoring Well 1 (GW1)
- Groundwater Monitoring Well 2 (GW2)
- Montana de Oro (MDO)
- Pismo Beach (PMO)
- Cayucos Beach (CYA)
- Cambria Moonstone Beach (CBA)
- Blanchard Cow Meat (BCM)
- Blanchard Goat Meat (BGM)
- Blanchard Sheep Meat (BSM)
- Hearst Ranch Cow Meat (HCM)
- Johe Deer Meat (JDM)
- Johe Pig Meat (JPM)
- Andre Cow Meat (ACM)
- Andre Deer Meat (ADM)
- Andre Pig Meat (APM)
- ISFSI TLDs (IS1 – IS8)

TABLE 2.3:**Detection Capabilities for Environmental Sample Analysis** ^{(a) (b)}**Lower Limits of Detection (LLD)** ^(c)

Analysis	Water (pCi/L)	Airborne Particulate or Gases (pCi/m³)	Fish (pCi/kg, wet)	Milk (pCi/L)	Food Products (pCi/kg, wet)	Soil/Sediment (pCi/kg, dry)^f
Gross beta	4	0.01				
H-3	400 ^d					
Mn-54	15		130			150
Fe-59	30		260			300
Co-58	15		130			150
Co-60	15		130			150
Zn-65	30		260			300
Zr-95	30					300
Nb-95	15					150
I-131	1 ^e	0.07		1	60	
Cs-134	15	0.05	130	15	60	150
Cs-137	18	0.06	150	18	80	180
Ba-140	60			60		600
La-140	15			15		150

Table Notations

- a) The gamma emitters and corresponding LLD values listed are derived from standard ODCM guidance for environmental samples as found in Table 4.12-1 in NUREG-1301. This list does not mean that only these nuclides are to be considered. Other peaks that are identifiable, together with those of the above nuclides, shall also be analyzed and reported in the Annual Radiological Environmental Operating Report.
- b) Required detection capabilities for thermoluminescent dosimeters used for environmental measurements shall be per the recommendations of Regulatory Guide 4.13, Revision 1, July 1977.
- c) The LLD is defined, for purposes of these specifications, as the a-priori smallest concentration of radioactive material in a sample that will yield a net count, above system background, that will be detected with 95 percent probability with only 5 percent probability of falsely concluding that a blank observation represents a "real" signal.
- d) If no drinking water pathway exists, a value of 3,000 pCi/L may be used for tritium. All groundwater wells should use the 400 pCi/L tritium value regardless of drinking water use.
- e) The LLD value of 1 pCi/L for I-131 is applicable only to sources used as drinking water. If no drinking water pathway exists, a value of 15 pCi/L may be used for I-131.
- f) The gamma emitters LLD values listed for soil/sediment are derived from the Cs-134/137 10:1 ratio established in the environmental LLDs in NUREG-1301, Table 4.12-1.

TABLE 2.3 (Continued)

Table Notations

For a particular measurement system, which may include radiochemical separation:

$$\text{LLD} = \frac{4.66s_b}{E \times V \times 2.22 \times Y \times \exp(-\lambda t)}$$

Where:

- LLD = the "a priori" the lower limit of detection as defined above (as pCi per unit mass or volume)
- S_b = the standard deviation of the background counting rate or of the counting rate of a blank sample as appropriate (as counts per minute)
- E = the counting efficiency (as counts per transformation)
- V = the sample size (in units of mass or volume)
- 2.22 = the number of transformations per minute per pico-curie
- Y = the fractional radiochemical yield (when applicable)
- λ = the radioactive decay constant for the particular radionuclide
- t = the elapsed time between sample collection (or end of the sample collection period) and time of counting

The value of S_b used in the calculation of the LLD for a detection system will be based on the actual observed variance of the background counting rate or of the counting rate of the blank samples (as appropriate) rather than on an unverified theoretically predicted variance. In calculating the LLD for a radionuclide determined by gamma-ray spectrometry, the background will include the typical contributions of other radionuclides normally present in the samples (e.g., potassium-40 in milk samples).

Analyses will be performed in such a manner that the stated LLDs will be achieved under routine conditions. Occasionally background fluctuations, unavoidably small sample sizes, the presence of interfering nuclides, or other uncontrollable circumstances may render these LLDs unachievable. In such cases, the contributing factors will be identified and described in the Annual Environmental Radiological Operating Report.

Typical values of E, V, Y and t should be used in the calculation. It should be recognized that the LLD is defined as a-priori (before the fact) limit representing the capability of a measurement system and not as a-posteriori (after the fact) limit for a particular measurement.

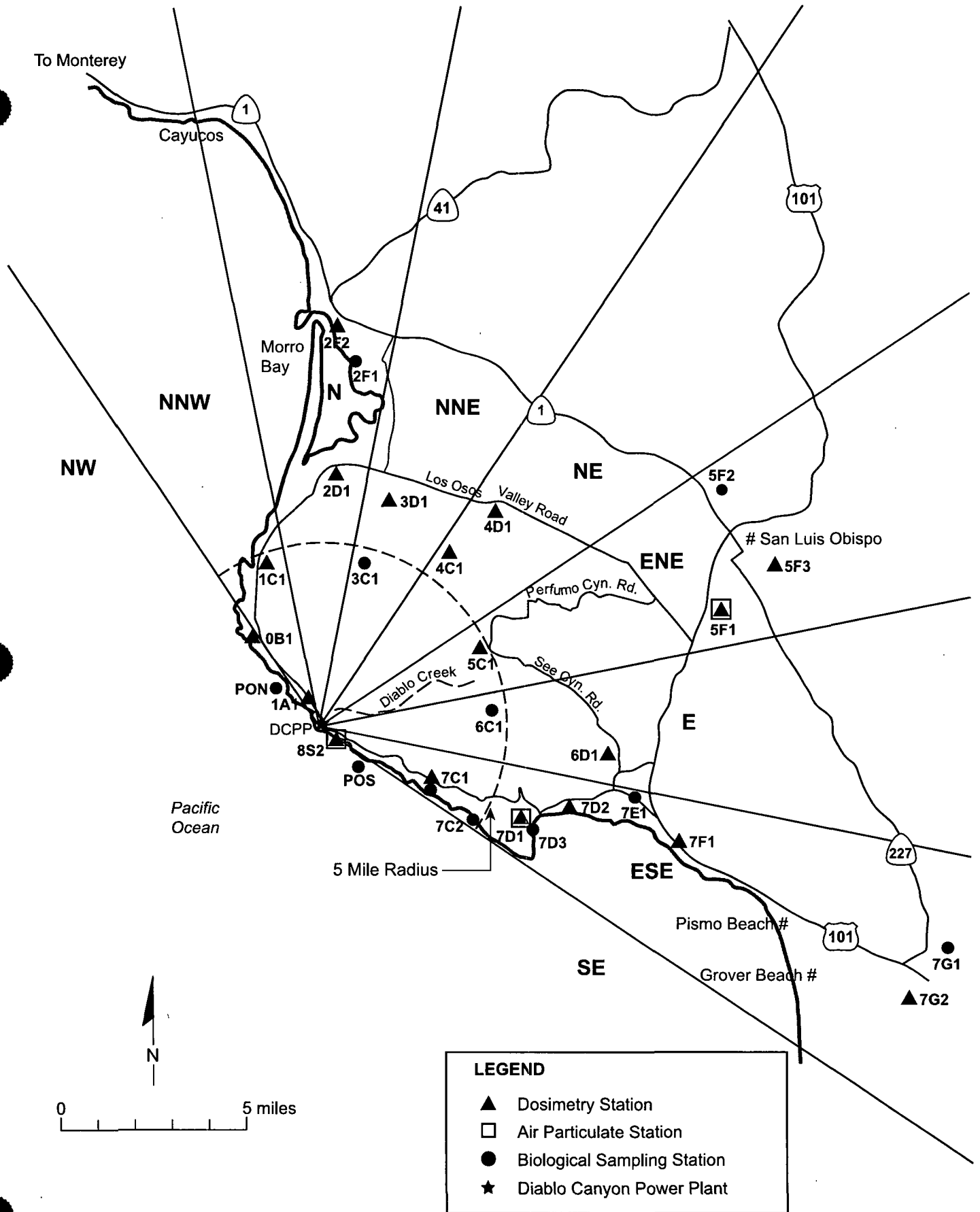
TABLE 2.4: Reporting Levels for Radioactivity Concentrations in Environmental Samples

Analysis	Water (pCi/L)	Airborne Particulate or Gases (pCi/m ³)	Fish (pCi/kg, wet)	Milk (pCi/L)	Food Products (pCi/kg, wet)
H-3	* 20,000				
Mn-54	1,000		30,000		
Fe-59	400		10,000		
Co-58	1,000		30,000		
Co-60	300		10,000		
Zn-65	300		20,000		
Zr-Nb-95	400				
I-131	** 2	0.9		3	100
Cs-134	30	10	1,000	60	1,000
Cs-137	50	20	2,000	70	2,000
Ba-La-140	200			300	

* For drinking water samples. This is the 40 CFR 141 value. If no drinking water pathway exists, a value of 30,000 pCi/L may be used.

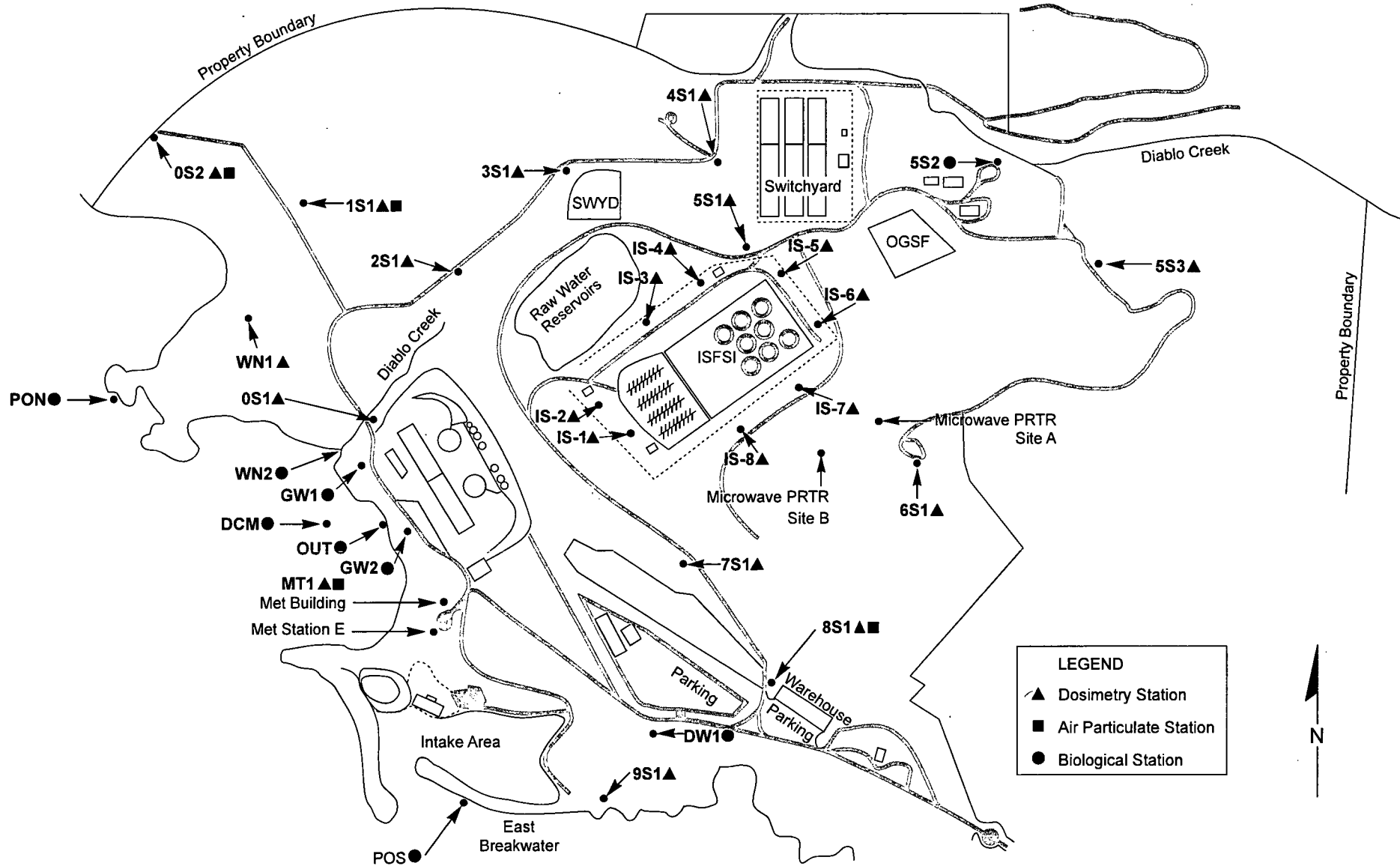
** If no drinking water pathway exists, a value of 20 pCi/L may be used

Figure 2.1- Diablo Canyon Off-site Stations



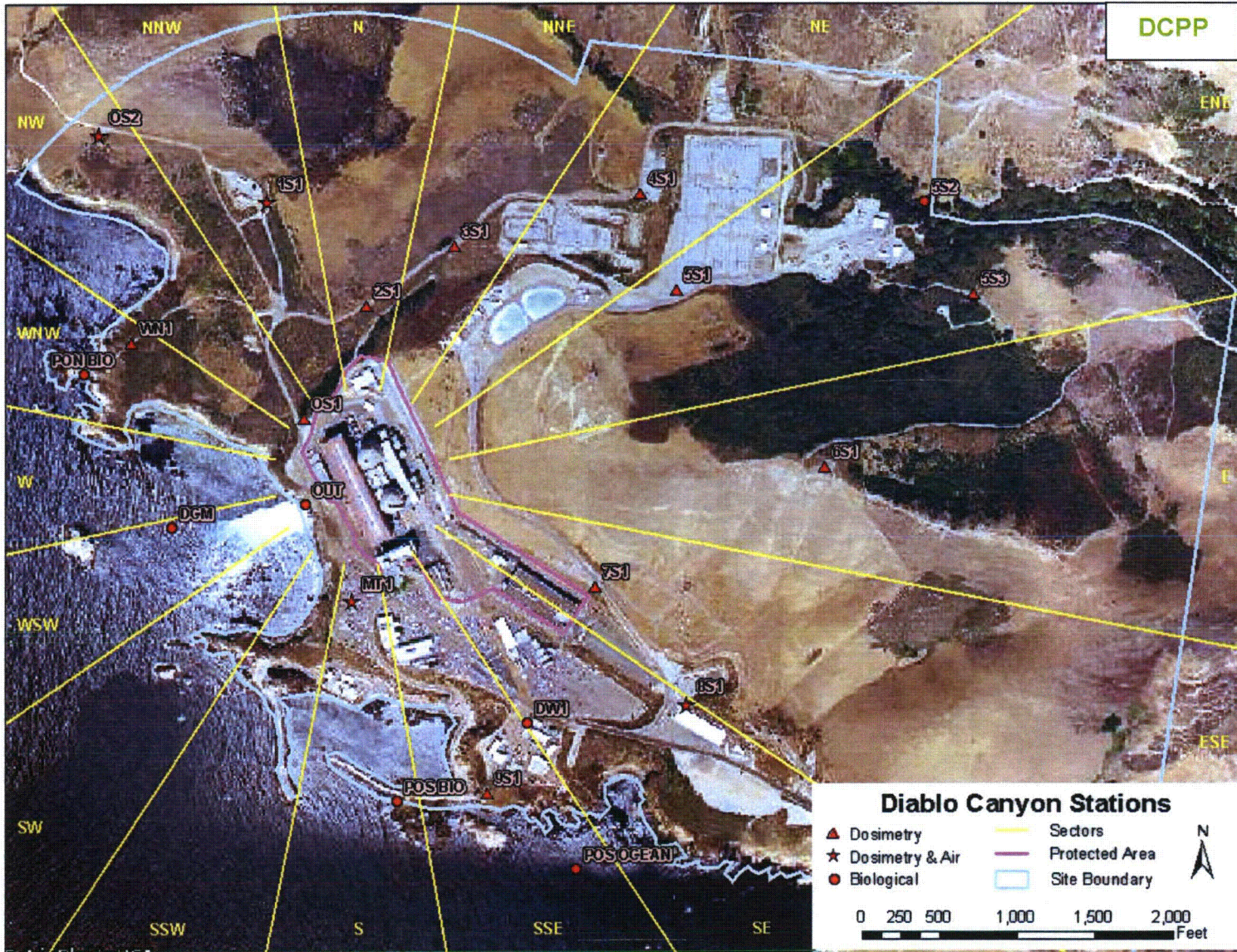
Units 1 and 2 Diablo Canyon off-site stations.

Figure 2.2- Diablo Canyon On-site Stations



DCPD Onsite ERMP Stations

Figure 2.3- Diablo Canyon Station Locations





3.0 RADIOLOGICAL DATA-SUMMARY OF TABLES

This section summarizes the analytical results of the environmental samples collected during the monitoring period. The results, shown in Appendix A, are presented in a format similar to that prescribed in the NRC's Radiological Assessment Branch Technical Position on Environmental Monitoring (NUREG-1301). The results are ordered by sample media type and then by radionuclide.

Each table is nuclide specific, and the total number of analyses for that radionuclide during the monitoring period, are provided. Additionally, the number of measurements which exceeded the Reporting Levels (NRC Notification Level) found in Table 2.4 of this report are provided. The first column lists the matrix or pathway sampled during the period. The second column lists the nuclides analyzed and number of samples performed. The third column provides the required a-priori Lower Limit of Detection (LLD) for radionuclides that have detection capability requirements as specified in Table 2.3 of this report. The fourth, fifth, and sixth columns contain the mean and range of results for locations. The seventh column contains the number of reportable occurrences for the location pathway. Occasionally, the required LLD is not met. An

example of this occurrence might be due to hold times between sampling and analysis. Such cases, if any, are addressed in Section 4.2 of this report.

The a-posteriori Minimum Detectable Concentration (MDC) listed for each analysis in Appendix C was used as the detection evaluation point for each sample collected in the calendar year. The MDC was calculated by the laboratory with each analysis (a-posteriori) and incorporates conditions observed at the laboratory during the analysis. This MDC value mathematically represents the lowest concentration of activity that can be detected by the laboratory with a 95% confidence level. The MDC is also understood as the concentration where there is only a 5% probability of falsely reporting a positive detection in a true blank sample. Note that the a-posteriori MDC equation used by the environmental lab is the same as the a-priori Lower Limit of Detection (LLD) equation specified in NUREG-1301.

For this report, a sample is considered to yield a "detectable measurement" when the "result" concentration exceeds the associated a-posteriori MDC value for that analysis.

Additionally, the tables of Appendix A provide the mean of all sample results analyzed for the specified radionuclide/ media type, the range, and the number of samples that were considered to have detectable activity of all the samples counted:

- The mean value consisted of the average of detectable concentrations
- The lowest and highest detected concentration values were listed as the range
- The number of detectable measurements and the total number of measurements were listed. For example, (4/20) would indicate that 4 of the 20 samples collected (for that sample type and that radionuclide) contained detectable radioactivity (> MDC).

The radionuclides reported in this section represent those that:

- had an LLD requirement in Table 2.3, or a Reporting Level listed in Table 2.4
- were of specific interest for any other reason

The radionuclides routinely analyzed and reported for a gamma spectroscopy analysis are: Ac-228, Ag-108m, Ag-110m, Ba-140, Be-7, Bi-212, Bi-214, Ce-141, Ce-144, Co-57, Co-58, Co-60, Cr-51, Cs-134, Cs-137, Fe-59, I-131, K-40, La-140, Mn-54, Nb-95, Pb-210, Pb-212, Pb-214, Ra-224, Ra-226, Ru-103, Ru-106, Sb-124, Sb-125, Th-234, Tl-208, Zn-65, and Zr-95.

Data from direct radiation measurements made by TLD are also provided in Appendix A in a similar format described above. Actual quarterly TLD results are listed in Appendix B.



4.0 ANALYSIS OF ENVIRONMENTAL RESULTS

4.1 REMP SAMPLING VARIANCE / DEVIATIONS

The DCPD Radiological Environmental Monitoring Program (REMP) allows for deviations in the REMP sampling schedule "if samples are unobtainable due to hazardous conditions, seasonal unavailability, or malfunction of sampling equipment." Such deviations do not compromise the program's effectiveness and are normally anticipated for any radiological environmental monitoring program.

The DCPD REMP includes both required and supplemental samples. This section describes the variances/deviations with sampling and describes some of the supplemental sampling conducted during the year.

4.1.1 DIRECT RADIATION

There were no abnormal effects to the 2013 environmental TLD results.

REMP environmental TLD station 2F2 (Morro Bay Power Plant) was reinitiated on 8/28/13. Station 2F2 was originally part of the DCPD REMP since the 1980's. In 2001, PG&E faced deregulation bankruptcy proceedings and a Plan of Reorganization (POR). During that POR, Morro Bay Power Plant was sold to another electric energy company (Duke Energy). The 2F2 TLD station was removed from that location in 2001 due to the sale of the PG&E property. In 2013, DCPD REMP retained permission from the current Morro Bay Power Plant site owner (Dynergy) to reinstall the 2F2 TLD station. Ongoing environmental TLD monitoring at station 2F2 began on 8/28/13.

ISFSI projects conducted dry cask loading campaign #4 at ISFSI from August to October of 2013. This dry cask loading campaign affected some of the ISFSI TLD (IS-1 through IS-8) measured exposures due to proximity of transport casks during ISFSI placement operations.

4.1.2 AIRBORNE RADIOACTIVITY

The 2013 mean percent availability for all on-site and off-site air samplers was 99.6 percent. In other words, all air samplers were up and running 99.6 percent of the time. Less than 0.4 percent of run time could be attributed to equipment problems, filter exchange, or calibration processes. Specific 2013 air sampling run time deviations were as follows:

- 163 hours of lost run time occurred at station 1S1 during the week of 3/6/13 due to technician human error of not restarting the air sampling pump after filter exchange
- 13 hours of lost run time occurred at station 0S2 on 7/3/13 due to an electrical outage
- 8 hours of lost run time occurred at station 1S1 on 7/3/13 due to an electrical outage
- 8 hours of lost run time occurred at station 8S1 on 7/3/13 due to an electrical outage
- 13 hours of lost run time occurred at station 8S2 on 7/3/13 due to an electrical outage
- 6 hours of lost run time occurred at station 1S1 on 9/13/13 due to electrical maintenance activities

Actual 2013 percent availabilities for each station were as follows:

0S2 = 99.8 %

1S1 = 98.0 %

5F1 = 100 %

7D1 = 99.9 %

8S1 = 99.8 %

8S2 = 99.6 %

MT1 = 100 %

Airborne Carbon-14 supplemental sampling was performed weekly at station 8S1 (SE Sector). General Engineering Labs (GEL) and DCPD REMP worked together to develop a method for sampling inorganic environmental airborne C-14 (as CO₂). This method development began during the fourth quarter of 2012 and the process LLD capability was improved throughout 2013. C-14 data from the 2012 experimental process development is also included in Appendix C for reference. It should be noted that C-14 lab data is reported in units of uCi/m³ (not pCi/m³) within Appendix C.

4.1.3 MARINE SAMPLES

All 2013 marine samples were collected as scheduled (including allowable variation).

The California Department of Fish and Game has issued regulations prohibiting the collection of abalone along the central and southern coast of California. PG&E considers it unlikely that collection of abalone will be allowed in the DCPD environs in the near future. The REMP has therefore ceased routine abalone sampling. Note that the sampling of abalone was previously performed and was supplemental to the REMP.

4.1.4 TERRESTRIAL SAMPLES

All 2013 terrestrial samples were collected as scheduled (including allowable variation) with the following exceptions:

- Blanchard Sheep Meat (BSM) and Blanchard Goat Meat (BGM) were not available and were not provided by the rancher during the first quarter of 2013. These animals were not slaughtered. These samples were supplemental.

4.1.5 OCEAN SURFACE WATER, DRINKING WATER, AND GROUNDWATER

All 2013 water samples were collected as scheduled (including allowable variation) with the following exceptions:

- Observation Well 02 (OW2) was dry during all four quarters of 2013. No OW2 monitoring well water samples could be obtained in 2013.

4.1.6 REPLICATE SAMPLES

Replicate sampling was conducted within the REMP for program strength and correlation.

Replicate samples were taken from:

- WW2 – Groundwater (2/7/13)
- 7C2 - Seawater (3/11/13)
- WW2 – Groundwater (6/26/13)
- 5F2 - Vegetation (9/3/13)
- 7G1 - Vegetation (12/16/13)

The results of the analyses were within expected correlation.

4.2 COMPARISON OF ACHIEVED LLDS WITH REQUIREMENTS

For each analysis having an LLD requirement, criteria for the calculated “*a-priori*” (before the fact) LLD were met during the sampling and analysis process. Meeting these process criteria satisfies the “*a-priori*” LLD requirements. The “*a-posteriori*” (after the fact) Minimum Detectable Concentration (MDC) for that analysis was also compared with the required “*a-priori*” (before the fact) LLD.

Table 2.3 of this report gives the required “*a-priori*” Lower Limits of Detection (LLDs) for environmental sample analyses required by the DCCP Radiological Environmental Monitoring Program. Occasionally an LLD is not achievable due to situations, such as hold times between sampling and analysis. In such a case, a discussion of the situation is provided.

All analyzed REMP samples met the specified “*a-priori*” LLD requirements in 2013.

4.3 COMPARISON OF RESULTS AGAINST REMP REPORTING LEVELS

NRC notification was required whenever a Reporting Level listed in Table 2.4 of this document was exceeded. Reporting Levels are the environmental concentrations that relate to the ALARA design dose objectives of 10 CFR 50, Appendix I.

It should be noted that environmental isotopic concentrations were averaged over the calendar quarter for the purposes of this comparison, and that Reporting Levels applied only to DCPD plant related effluent radioactivity. Fukushima Japan event related isotopes were not DCPD plant related effluents and therefore did not apply to those reporting levels.

No REMP Reporting Levels were exceeded during this 2013 monitoring period.

4.4 DATA ANALYSIS BY MEDIA TYPE

The REMP data for each media type is discussed below. A sample is considered to yield a “detectable measurement” when the result concentration exceeds the MDC for that analysis.

4.4.1 Direct Radiation (Environmental TLDs)

Direct radiation is continuously measured at 32 locations surrounding DCPD using Panasonic UD-814 thermo-luminescent dosimeters (TLDs). These 32 locations are made up of 29 indicator stations & 3 control stations. These dosimeters were collected every calendar quarter for processing. The preoperational and historical operating values were evaluated for adverse trends.

DCPD environmental TLD results were measurements of all environmental gamma radiation sources (cosmic, terrestrial, radon, etc) at each station during the deployment period. Transient and lab storage background dose contributions were subtracted prior to reporting. Technically, these TLDs read out in units of milli-roentgen. Because gamma and beta radiation have quality factors of 1, the environmental TLD unit of reporting was converted to milli-rem for consistency of unit reporting.

The unrestricted area surrounding DCPD was sparsely inhabited out to five miles from the site (ref 2013 Land Use Census in Section 8).

The ambient direct radiation levels within the DCPD plant site boundary (approximately 800 meter radius from U-1 CTMT structure) were elevated at some locations (IS-1 thru IS-8) due to dry cask used fuel storage and an ISFSI loading campaign. ISFSI projects conducted the 2013 dry cask loading campaign at ISFSI from August to October. An evaluation of direct radiation

measurements and member of public occupancy times within the site boundary indicated all federal criteria for member of public dose limits (10CFR20.1301) were conservatively met. It should be noted that the following Environmental TLD locations were all within the DCPD site boundary and were not located within the unrestricted area: 0S1, 0S2, WN1, 1S1, 2S1, 3S1, 4S1, 5S1, 5S3, 6S1, 7S1, 8S1, 8S2, 9S1, MT1, and IS1 through IS8.

The first graph (provided next page) illustrated overall trending of environmental TLDs with regard to distance from the DCPD plant site. Inner ring, outer ring, special interest, and control stations were combined and averaged to obtain a single standard quarter value for each represented plot line. It should be noted that inner and outer ring TLD averages remained within and trended with pre-operational ranges. It should also be noted that ISFSI loading and the Fukushima Japan nuclear accidents had not affected these inner and outer ring trending results.

The second graph (provided next page) illustrated averaged environmental TLD results from the southeast sector (stations 8S1, 8S2) and northwest sector (stations 0S1, 0S2, 0B1). These sectors were chosen for graphical trending due to historical wind rose results for the site. The southeast and northwest sectors have contained the highest historically averaged wind directions and therefore would have the most impact on environmental TLD results.

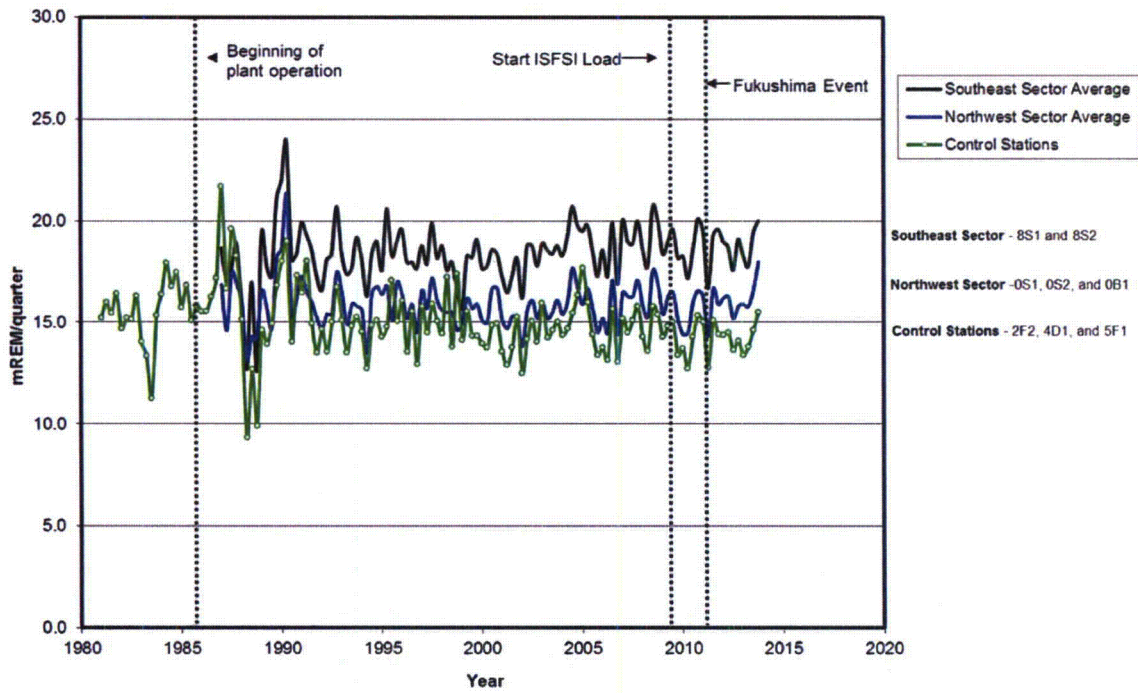
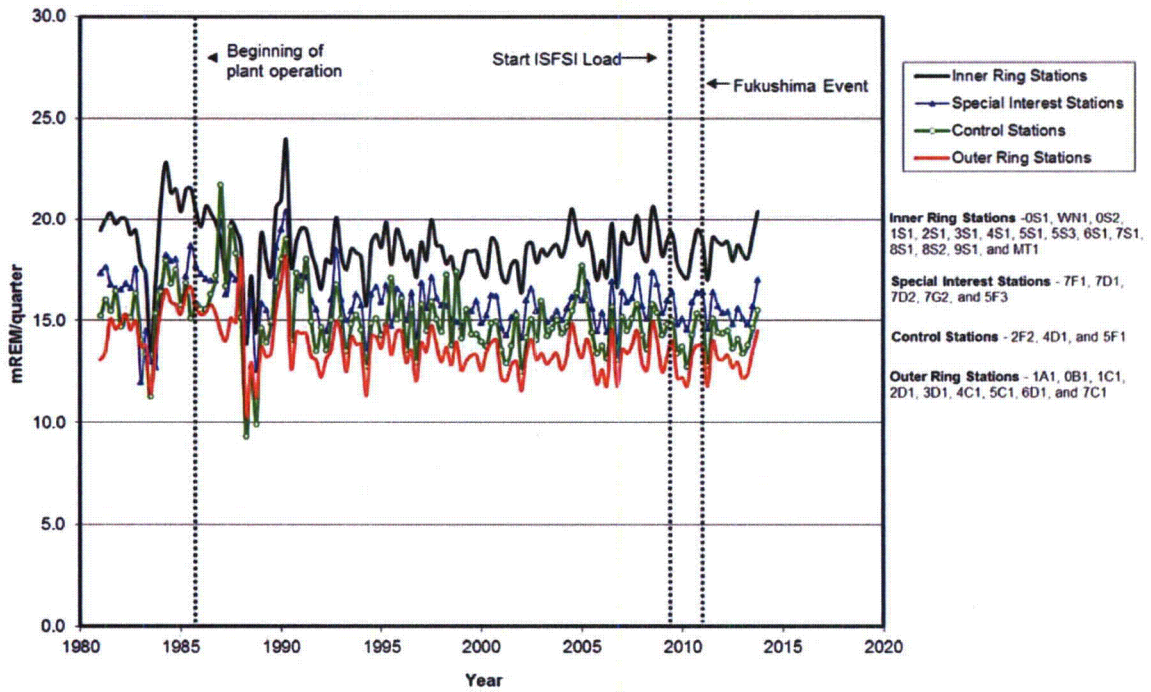
Averaged control stations (2F2, 4D1, 5F1) were provided for natural background reference.

Appendix B provides individual station environmental TLD standard quarter dose results.

Appendix B also provides an individual station historical average along with low/high ranges from 1987 to 2012 for comparison of the 2013 data.

No adverse trends were noted in 2013 Environmental TLD monitoring.

Trending Of TLD Direct Radiation Results



Direct radiation was continuously measured at 8 stations surrounding the Independent Spent Fuel Storage Installation (ISFSI) using Panasonic UD-814 thermo-luminescent dosimeters (TLDs). These 8 stations were located directly adjacent and exterior to the ISFSI protected area, with 2 stations on each of the four sides of the ISFSI. It should be noted that these ISFSI stations were well within the DCPD site boundary and were not located within the unrestricted area. These dosimeters were collected every calendar quarter for readout at the DCPD TLD Lab.

- The first spent fuel dry cask canister was loaded onto the ISFSI pad in June 2009. The small increase in radiation levels at the ISFSI pad prior to spent fuel canister load was due to storage of Radioactive Material (RAM) equipment in seatrains at the ISFSI pad prior to an outage. These seatrains of RAM were removed prior to the first load of spent fuel dry cask canisters.
- In May 2010, DCPD began the second ISFSI loading of spent fuel dry cask canisters.
- A third ISFSI loading campaign occurred during the first quarter of 2012 and ended on 3/17/2012.
- A fourth ISFSI loading campaign occurred from August to October of 2013.

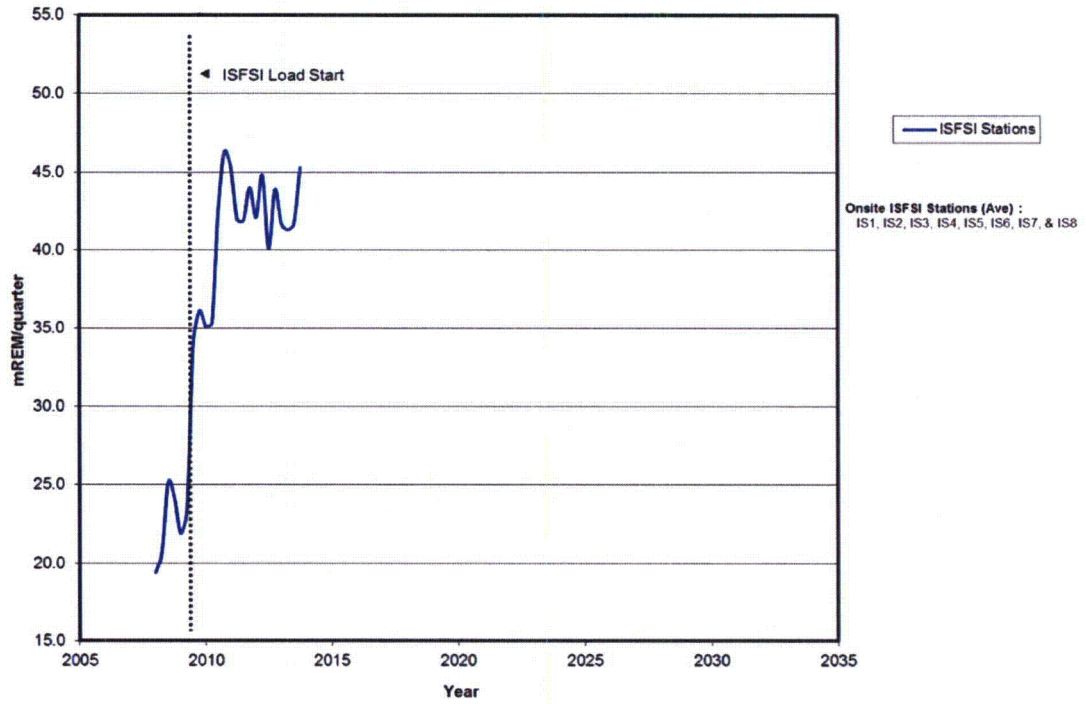
The ambient direct radiation levels within the DCPD plant site boundary and directly adjacent to the ISFSI pad were elevated due to dry cask used fuel storage. An evaluation of direct radiation measurements and member of public occupancy times surrounding the ISFSI indicated all federal criteria for member of public dose limits (10CFR20.1301) were conservatively met. No adverse trends were noted at the DCPD inner ring stations due to ISFSI for 2013 as indicated by the previous page graphs.

It should be noted that the DCPD inner ring TLD results tracked in correlation with normal Environmental TLD outer ring, special interest, and control station fluctuations. It should also be noted that DCPD inner ring TLD results remain within pre-operational ranges.

The following page contains a picture of the ISFSI pad along with a trend graph of ISFSI pad TLD results (IS-1 through IS-8). ISFSI pad TLD stations IS-1 through IS-8 were located adjacent to the ISFSI pad fencing (see map in Figure 2.2 of this report).



Onsite ISFSI Boundary TLD Stations



4.4.2 Airborne

Air particulate and radioiodine samples were collected weekly from six indicator stations (MT1, 0S2, 1S1, 7D1, 8S1, and 8S2) in the DCPD environs and one control station (5F1). A total of 364 air particulate filters and 364 iodine cartridges were collected and analyzed as part of the normal REMP.

Natural occurring gross beta activity was detected in every weekly air particulate sample collected from all indicator and control stations. Comparison of the data showed that the mean values of gross beta activities for the indicator stations were consistent with those obtained for the control station and historical trending. Normal background gross beta values ranged from $7.1\text{E-}3$ to $1.2\text{E-}1$ pCi/m³. The gross beta activities detected at the air sampling stations were tabulated in Appendix A.

Gamma isotopic analyses were performed on quarterly composites of the air particulate filters from each of the REMP air stations. The midpoint date of the quarter was used to label the composite. Appendix A summarized those results.

A total of 364 normal REMP weekly charcoal cartridges were analyzed for I-131. I-131 was not detected in 2013.

Appendix A summarizes overall REMP air sampling results.

Appendix C contains individual air sampling station data results.

4.4.3 Drinking Water, Ocean Surface Water, and Groundwater

Drinking Water

Drinking water samples were collected from stations DW1, 5S2, WN2, 1A2, and OEL (control location). The samples were analyzed for gamma emitters, gross beta, tritium, total strontium 89/90, Iron-55, and Nickel-63.

No plant related radionuclides were detected in any of the 2013 drinking water samples.

The results of the drinking water samples collected from both the indicator and control stations are summarized in Appendix A and individually listed in Appendix C.

Ocean Surface Water

Ocean surface water samples were collected monthly from stations OUT, DCM, and control station 7C2. The samples were analyzed for gamma emitters, gross beta, tritium, total strontium 89/90, Iron-55, and Nickel-63.

No DCPD related radionuclides were detected in any of the 2013 surface water samples.

The results of the surface water samples collected from both the indicator and control stations are summarized in Appendix A and individually listed in Appendix C.

Groundwater

As part of the nuclear industry NEI 07-07 Groundwater Protection Initiative (GPI); DCPD began sampling various water sources in 2006. These sources included onsite monitoring wells (OW1, OW2, DY1, & 8S3), an aquifer well (WW2), a creek (5S2 & WN2), and a groundwater spring (1A2).

Two groundwater aquifer wells were available within the plant site boundary; Water Well 01 and Water Well 02. These wells were located about 115' above and to the east of the power block. Water Well 01 was abandoned and the well pump was inoperable. Water Well 02 was sampled quarterly and only naturally occurring isotopes were detected.

One shallow (approximately 70 feet deep) subsurface monitoring well was located southeast at approximately 0.3 miles from the power block. This monitoring well was labeled DCSF96-1 (station 8S3).

Tritium was detected in one sample of 8S3 monitoring well during first quarter of 2013 due to rainwater washout of gaseous tritium exiting the plant vent system (via an approved discharge path).

Stations 5S2, WN2, and 1A2 were discussed in the previous Drinking Water paragraphs.

Three shallow (approximately 37 to 73 feet deep) subsurface monitoring wells were located within the plant protected area and in close proximity to the containment structures, spent fuel pools, and auxiliary building (plant power block). These monitoring wells were labeled Observation Well 01 (OW1), Observation Well 02 (OW2), and Drywell 115 (DY1).

Observation Well 02 (OW2) was not sampled in 2013 due to no water present in the well during the entire 2013 timeframe. There has been an ongoing seasonal drought in San Luis Obispo County which contributed to this well being dry.

Monitoring wells OW1 and DY1 contained low levels of tritium throughout 2013 due to rainwater washout of gaseous tritium exiting the plant vent system (via an approved effluents discharge path). These tritium concentrations were evaluated and were not due to a plant system leak or spill.

Cs-137 was detected in one sample of the DY1 monitoring well due to rainwater washout of Fukushima isotopes (Cs-137) during March of 2011 (ref 2011 DCPD AREOR). This 2011 Fukushima Cs-137 deposition and 30 year half-life was eventually detected in this well. The 2013 DY1 Cs-137 concentration correlated with sampling of rain events during the March 2011 Fukushima fallout event.

Further reporting of these monitoring wells was provided in Section 5.2 of this report.

Two additional groundwater monitoring wells (stations GW1 and GW2) were installed along the western side of the DCPD site on December 14, 2011. DCPD REMP began sampling these new wells during the first quarter of 2012.

Tritium was detected in one quarterly sample of GW1 monitoring well during 2013 due to rainwater washout of gaseous tritium exiting the plant vent system (via an approved effluents discharge path). These tritium concentrations were evaluated and were not due to a plant system leak or spill.

Further reporting of these monitoring wells was provided in Section 5.2 of this report.

4.4.4 Ingestion

Marine Biological Samples

Fish samples were collected quarterly from stations DCM, PON, POS, 7C2 (control), and a local market (7D3 or 2F1). Market fish samples were locally caught fish.

Mussels were collected quarterly from stations DCM, 7C2, and POS. Mussels were collected annually from station PON (due to small mussel bed / availability at station PON).

A summary of these samples (required and supplemental) is described in Table 2.1. A summary of sample results is provided in Appendix A and individually listed in Appendix C.

Cs-137 was detected in three samples of market fish (station 2F1 and 7D3) most likely due to rainwater washout of Fukushima Cs-137 isotopes during March of 2011 (ref 2011 DCPD AREOR). For reference, the March 2011 Central Coast rainwater Cs-137 concentrations ranged from 2.4 pCi/Liter to 25.4 pCi/Liter due to Fukushima event fallout. This 2011 Cs-137 deposition and 30 year half-life was eventually detected in fish.

As previously stated, another source of Cs-137 fish concentrations in San Luis Obispo County has historically been due to fallout from national atmospheric nuclear weapons testing prior to DCPD operation. DCPD REMP sampling has routinely detected Cs-137 in local fish every year or two. Those Cs-137 fish concentrations ranged from 3 pCi/kg to 14 pCi/kg historically. Considering the Cs-137 isotopic half-life of approximately 30 years, these 2013 fish concentrations were within this historical range. Therefore, the REMP attributes the fish Cs-137 concentrations to either Fukushima related or pre-1990's nuclear weapons testing fallout.

All other marine fish and mussel samples did not detect any DCPD related radionuclides during 2013.

Marine Aquatic Vegetation

Supplemental marine aquatic kelp sampling was performed quarterly at REMP sample stations DCM, PON, POS, and 7C2 (control). No DCPD related isotopes were detected in 2013.

Supplemental intertidal algae sampling was performed quarterly at REMP sample stations DCM and 7C2 (control). No DCPD related isotopes were detected in 2013.

Each sample was analyzed for gamma emitting radionuclides. A summary of the sample results is provided in Appendix A and individually listed in Appendix C.

Ocean Sediment and Recreational Beach Sampling

Ocean sediment samples were collected annually from stations DCM and 7C2. Gamma Spec, total strontium 89/90, Iron-55, and Nickel-63 were analyzed.

Supplemental recreational beach sand samples were collected semi-annually from stations Avila Beach (AVA), Montana de Oro Spooner's Cove (MDO), Pismo Beach near pier (PMO), Cayucos

Morro Strand State Beach (CYA), and Cambria Moonstone Beach (CBA). Each sample was analyzed for gamma emitting radionuclides, total strontium 89/90, Iron-55, and Nickle-63.

Only natural occurring isotopes were detected in the ocean sediment and recreational beach sand samples collected for 2013.

4.4.5 Food Crops (Vegetation)

Samples of broad leaf vegetation were collected monthly (when available) from two indicator stations (7C1 and 7G1), and one control location (5F2). Samples were also collected quarterly from residence gardens at stations 3C1 and 6C1. The samples were analyzed for gamma emitting radionuclides and for Iodine-131 on edible portions.

A summary of the vegetation sample results are provided in Appendix A and individual results listed in Appendix C. DCPD related isotopes were not detected in vegetation.

4.4.6 Milk

There are no milking animals within 5 miles of the plant site. In cases where milk sampling is not available, the REMP permits collection of broad leaf vegetation from three sample locations in place of milk. Since broadleaf sampling is also not available in the DCPD environs, the DCPD REMP requires additional air sampling at stations 8S2 and 1S1.

Supplemental samples of milk were collected monthly from Cal Poly Farm (station 5F2). The samples were analyzed for gamma emitting radionuclides, Iodine-131, and total strontium 89/90. Milk samples were collected monthly from station 5F2 regardless of the availability of milk stations within 5 miles of the plant.

No DCPD related radionuclides were detected in station 5F2 milk samples during 2013.

A summary of the sample results are provided in Appendix A and individual results listed in Appendix C.

4.4.7 Meat Products

Meat products were collected quarterly (when available and provided) from landowners.

Samples of livestock meat were collected from the Blanchard Ranch in 2013. These samples were Blanchard cow meat (BCM), Blanchard sheep meat (BSM), and Blanchard goat meat (BGM).

An additional control meat sampling station was added to REMP to provide a meat sampling location outside the influence of DCP. This additional meat sampling was conducted of Hearst Ranch meat which was located approximately 37 miles north of the DCP site. This Hearst Ranch meat was free range, grass fed beef. This REMP station code was HCM and provided a control location far from the DCP site (approximately 37 miles from the site).

Cs-137 was detected in one of these 2013 meat samples due to the Fukushima Japan nuclear accidents. This detection occurred in one of the HCM samples in October. The Cs-137 isotopes were transported to the west coast of the United States via the jet stream in March 2011. Vegetation uptake and subsequent digestion by the animals were the source of these Cs-137 isotopes into the meat (ref 2011 DCP AREOR). A summary of the sample results are provided in Appendix A and individual results listed in Appendix C.

4.5 CS-137 ISOTOPIC DETECTION DUE TO THE FUKUSHIMA PREFECTURE JAPAN, DAI-ICHI NUCLEAR POWER STATION ACCIDENTS.

On March 11th, 2011 the Tohoku-Oki earthquake (magnitude 9.0 M_w) and tsunami struck the east coast of Japan. The tsunami associated with this event caused nuclear accidents at the Dai-ichi Nuclear Power Station in Fukushima Prefecture, Japan. Isotopic releases occurred in Japan and were carried by the jet stream to the west coast of the United States in March 2011.

The DCP REMP initiated numerous supplemental sampling in 2011 to establish Fukushima contributions to DCP isotopic background concentrations (ref 2011 DCP AREOR). Fukushima related isotopes were first detected by the DCP REMP beginning on March 17th, 2011. Airborne isotopic concentrations were detected from March 17th thru April 20th of 2011. Various concentrations of I-131, I-132, Te-132, Cs-134, and Cs-137 were identified as Fukushima fallout along the Central Coast in March-April 2011. Due to the relatively short half-life of the previously mentioned isotopes; they are no longer detected in 2013 DCP REMP sampling except for Cs-137 which has an approximate 30 year half-life.

Supplemental 2011 DCP environmental sampling included the following (for reference):

- Capture of rain in March and April 2011 for isotopic analysis (ref 2011 DCP AREOR).
- Additional 2011 air sampling at stations 0S2, 5F1, 7D1, and 8S1. This air sampling was conducted with additional air samplers at an increased flow rate (2.0 scfm) and increased volumes. The station samples were analyzed each week for gamma isotopic and

strontium which is different than normal REMP sampling protocols (ref 2011 DCPD AREOR)

- Additional 2011 milk and vegetation sampling was conducted at station 5F2 (ref 2011 DCPD AREOR).
- Additional 2011 vegetation sampling was conducted outside the possible influence of DCPD within Atascadero, California (20 miles north of DCPD). Fescue grass, milk thistle, miner's lettuce, and acorns were sampled in Atascadero (station ATAS) to establish additional control vegetation samples (ref 2011 DCPD AREOR).
- Additional 2011 thru 2013 meat control sampling was conducted outside the possible influence of DCPD at Hearst Ranch which is located 37 miles north of DCPD near San Simeon, California. Publically offered Hearst Ranch meat (station HCM) was free range, grass fed beef and provided a control for Blanchard meat (stations BCM, BSM, and BGM).
- Sticky pads (1ft by 3ft) were placed at 0S2 and 5F1 in 2011 to monitor ground deposition of Fukushima isotopes. These sticky pads were pulled weekly from 3-23-11 until 5-4-11 for isotopic analysis (ref 2011 DCPD AREOR).

The above supplemental REMP environmental air, rain, vegetation, milk, meat, and sticky pad samples were obtained during 2011. These samples identified detectable concentrations of isotopes that *could* be related to operation of Diablo Canyon NPS but were attributed to the Fukushima event as the source.

The DCPD REMP detected cesium within milk, vegetation, and meat throughout 2011.

The DCPD REMP continued to detect cesium within groundwater, fish, vegetation, and meat throughout 2012.

Given the following facts, the 2013 detectable Cs-137 isotopic concentrations were not a result of Diablo Canyon Nuclear Power Station operation:

1. The quantities of radioactive airborne effluents from Diablo Canyon NPS during 2013 did not increase significantly compared to year 2010 (prior to Fukushima).
2. Prior to 2011, REMP sample results had not detected the presence of short half-life 2011 isotopes at these concentrations over the last ten years of DCPD operation (e.g. I-131, I-132, Te-132, Cs-134).

3. The 2013 Cs-137 isotopes detected correspond to timelines related to the Fukushima Prefecture Japan nuclear accidents and the jet stream deposition of those isotopes to the west coast of the United States in March 2011.
4. The 2013 Cs-137 concentrations detected within the indicator samples were also identified in the normal REMP control samples and supplemental Fukushima event 2011 sampling far from Diablo Canyon NPS.
5. These 2011 Fukushima related isotopes were also detected by other Government Agencies, Nuclear Power Sites, and Colleges across the United States in 2011.

As such, the atypical Cs-137 radionuclide detection in both indicator and control samples is credibly attributed to the trans-Pacific transport of airborne releases from Dai-Ichi, Fukushima following the March 11, 2011 Tohoku-Oki earthquake or national atmospheric nuclear weapons testing pre-1990's fallout.

Cs-137 concentrations were not related to the operations of Diablo Canyon NPS.

Cs-137 continues to be detected in the Central Coast environment during 2013 due to its half-life of approximately 30 years.



5.0 GROUND WATER MONITORING

Diablo Canyon is committed to improving management of situations involving inadvertent radiological releases that get into onsite groundwater. This commitment reflects the nuclear industry's high standard of public radiation safety and protection of the environment. Trust and confidence on the part of local communities, States, the NRC, and the public is paramount to this commitment.

Groundwater gradient studies of the DCPD ISFSI site and a general assessment of sub-regional hydro-geologic conditions indicates that groundwater (subsurface) flow beneath the Diablo Canyon power block is west toward the Pacific Ocean or northwest toward Diablo Creek. Any groundwater present beneath the DCPD power block is not used as a source of drinking water. It should be noted that this DCPD power-block groundwater gradient and Diablo Creek both discharge into the Pacific Ocean.

5.1 NEI 07-07 GROUNDWATER PROTECTION INITIATIVE - REPORTING

5.1.1 NEI 07-07 Objective 2.4 (b), Annual Reporting:

"Document in the AREOR all on-site ground water sample results that are included in the REMP as described in the DCPD Offsite Dose Calculation Manual (ODCM)".

Onsite groundwater monitoring points are described in the REMP and reported in this 2013 Annual Radiological Environmental Operating Report (AREOR) as follows:

Observation Well 01 (OW1), Observation Well 02 (OW2), Drywell 115 (DY1), DCSF96-1 (8S3), Water Well 02 (WW2), Groundwater Well 1 (GW1), Groundwater Well 2 (GW2), and Diablo Creek Outlet (WN2) were used for Groundwater Protection Initiative (GPI) data reporting and were described in 2013 DCPD AREOR Table 2.1.

A summary of the 2013 GPI monitor well sample results are summarized in Appendix A and individual results listed Appendix C.

DCPD REMP sampled all available groundwater regardless of present or future use.

The ground water beneath the DCPD power-block is not used as a source of drinking water.

5.2 ADDITIONAL GROUNDWATER SAMPLING OVERVIEW:

Ground water monitoring was reported in accordance with the nuclear industry NEI 07-07 Groundwater Protection Initiative (GPI) and the REMP. Concentrations of tritium were detected in two monitoring wells beneath the DCPD power-block. This tritium was coming from the rain-washout of gaseous tritium exiting the plant vent system via an approved effluent discharge route. DCPD has conducted rain-washout studies to document this phenomenon. These monitoring wells consisted of French drain systems that discharge into the associated monitoring well (OW1, OW2, or DY1). Rain communicated with these French drain systems via building structure to ground interfaces. Once rain water entered the monitoring wells, the water remained stagnant until another rain event caused transport. Subsequent quarterly sampling routinely indicated consistent tritium values due to monitoring well stagnation.

DY1 routinely experienced the highest tritium rain-washout concentrations due to its close proximity to the plant vent discharge points.

OW1 was connected to subsurface groundwater flow fissures and routinely trends with rain fall.

OW2 was dry throughout 2013. An ongoing seasonal extreme drought throughout San Luis Obispo County contributed to this well not containing any water in 2013.

It should be noted that hydro-geological studies of the DCPD site indicate that any groundwater (subsurface) flow beneath DCPD would flow toward the Pacific Ocean.

The specific ranges of tritium detected in these power block monitoring wells for 2013 were as follows:

- OW1 - Observation Well 01 (1,280 to 1,330 pCi/L) 4 of 4 samples collected for tritium analysis.
- OW2 - Observation Well 02 ; no samples collected
- DY1 - Drywell 115 (8,710 to 13,700 pCi/L) 4 of 4 samples collected for tritium analysis.
- Cs-137 was detected in 1 of 4 DY1 samples but was attributed to 2011 Fukushima fall-out.

No other DCPD related isotopes were detected in OW1, OW2, or DY1.

Two new down-gradient monitoring wells were added to the REMP in 2012.

Groundwater Well 1 (GW1) is located between the DCPD protected area and the cliff boundary of the Pacific Ocean. It is down gradient of Unit One power block. This well opening is located at approximately 85' above sea level and is approximately 85' deep to prevent sea water intrusion.

Groundwater Well 2 (GW2) is located between the DCPD protected area and the cliff boundary of the Pacific Ocean. It is down gradient of Unit Two power block. This well opening is located at approximately 85' above sea level and is approximately 85' deep to prevent sea water intrusion.

The specific ranges of tritium detected in GW1/GW2 monitoring wells for 2013 were as follows:

- GW1 - Groundwater Well 1 (316 pCi/L) 1 of 4 samples collected for tritium analysis. This tritium was evaluated and attributed to the rain-washout of gaseous tritium exiting the plant vent system via an approved effluent discharge route.
- GW2 - Groundwater Well 2 (non-detected) 4 of 4 samples collected for tritium analysis.

No other DCPD related isotopes were detected in GW1 or GW2.

Monitoring Well 8S3 was sampled quarterly in 2013.

- Tritium was detected once out of four samples (314 pCi/L) at 8S3. This tritium was evaluated and attributed to the rain-washout of gaseous tritium exiting the plant vent system via an approved effluent discharge route.

No other DCPD related isotopes were detected in 8S3.

All other samples of groundwater at 1A2, WW2, and WN2 did not indicate the presence of tritium or any other DCPD related isotopes (only naturally occurring radionuclides were observed).



WATER WELL 01

5S2 Diablo Creek

WATER WELL 02 (WW2)

OBSERVATION WELL 01 (OW1)

GW1

DRY WELL 01

DRY WELL 02 (Drywell 115 or DY1)

OBSERVATION WELL 02 (OW2)

GW2

DCSF96-1 (8S3)

WN2
Diablo Creek
to ocean
interface



- WELL ID
- WATER SURFACE ELEVATION
- LINE OF ESTIMATED POTENTIOMETRIC SURFACE



GROUNDWATER GRADIENT MAP
PACIFIC GAS AND ELECTRIC
DIABLO CANYON NUCLEAR POWER PLANT
SAN LUIS OBISPO COUNTY, CALIFORNIA

FIGURE 8
SITE LOCATION



6.0 OLD STEAM GENERATOR STORAGE FACILITY MONITORING

In accordance with the DCPD Offsite Dose Calculation Manual (ODCM), the Old Steam Generator Storage Facility (OSGSF) sumps were inspected quarterly. If water was found in the sump of a vault containing plant equipment, the expectation was to sample that sump water and dispose of the water per plant protocols via an approved discharge pathway.

For reference, the following equipment was placed into this OSGSF on the following dates:

- 3/2/08 (outage 2R14), four DCPD Unit Two (U-2) Steam Generators
- 2/14/09 (outage 1R15), four DCPD Unit One (U-1) Steam Generators
- 11/6/09 (outage 2R15), one DCPD Unit Two (U-2) Reactor (Rx) Head
- 10/23/10 (outage 1R16), one DCPD Unit One (U-1) Rx Head

As of 10/23/10, the OSGSF contains eight old Steam Generators and two old Rx Heads.

Construction repairs were made to the OSGSF in 2011 to prevent rainwater from entering the OSGSF. Specific repairs involved OSGSF vertical wall crack repairs and installation of roof gutters around the east and south side of the OSGSF. These repairs have been successful for prevention of rainwater intrusion into the OSGSF.

The OSGSF sumps were inspected quarterly in 2013 by REMP personnel.

No water was found in any OSGSF sumps during 2013 inspections.

7.0 CROSS CHECK PROGRAM



Laboratories LLC

2013 ANNUAL QUALITY ASSURANCE REPORT

FOR THE

**RADIOLOGICAL ENVIRONMENTAL
MONITORING PROGRAM (REMP)**

2013 ANNUAL QUALITY ASSURANCE REPORT

FOR THE

RADIOLOGICAL ENVIRONMENTAL

MONITORING PROGRAM (REMP)



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Date



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2013 ANNUAL QUALITY ASSURANCE REPORT FOR THE RADIOLOGICAL ENVIRONMENTAL MONITORING PROGRAM (REMP)

1. Introduction

GEL Laboratories, LLC (GEL) is a privately owned environmental laboratory dedicated to providing personalized client services of the highest quality. GEL was established as an analytical testing laboratory in 1981. Now a full service lab, our analytical divisions use state of the art equipment and methods to provide a comprehensive array of organic, inorganic, and radiochemical analyses to meet the needs of our clients.

At GEL, quality is emphasized at every level of personnel throughout the company. Management's ongoing commitment to good professional practice and to the quality of our testing services to our customers is demonstrated by their dedication of personnel and resources to develop, implement, assess, and improve our technical and management operations.

The purpose of GEL's quality assurance program is to establish policies, procedures, and processes to meet or exceed the expectations of our clients. To achieve this, all personnel that support these services to our clients are introduced to the program and policies during their initial orientation, and annually thereafter during company-wide training sessions.

GEL's primary goals are to ensure that all measurement data generated are scientifically and legally defensible, of known and acceptable quality per the data quality objectives (DQOs), and thoroughly documented to provide sound support for environmental decisions. In addition, GEL continues to ensure compliance with all contractual requirements, environmental standards, and regulations established by local, state and federal authorities.

GEL administers the QA program in accordance with the Quality Assurance Plan, GL-QS-B-001. Our Quality Systems include all quality assurance (QA) policies and quality control (QC) procedures necessary to plan, implement, and assess the work we perform. GEL's QA Program establishes a quality management system (QMS) that governs all of the activities of our organization.

This report entails the quality assurance program for the proficiency testing and environmental monitoring aspects of GEL for 2013. GEL's QA Program is designed to monitor the quality of analytical processing associated with environmental, radiobioassay, effluent (10 CFR Part 50), and waste (10 CFR Part 61) sample analysis.

This report covers the category of Radiological Environmental Monitoring Program (REMP) and includes:

- Intra-laboratory QC results analyzed during 2013.
- Inter-laboratory QC results analyzed during 2013 where known values were available.

2. Quality Assurance Programs for Inter-laboratory, Intra-laboratory and Third Party Cross-Check

In addition to internal and client audits, our laboratory participates in annual performance evaluation studies conducted by independent providers. We routinely participate in the following types of performance audits:

- Proficiency testing and other inter-laboratory comparisons
- Performance requirements necessary to retain Certifications
- Evaluation of recoveries of certified reference and in-house secondary reference materials using statistical process control data.
- Evaluation of relative percent difference between measurements through SPC data.

We also participate in a number of proficiency testing programs for federal and state agencies and as required by contracts. It is our policy that no proficiency evaluation samples be analyzed in any special manner. Our annual performance evaluation participation generally includes a combination of studies that support the following:

- US Environmental Protection Agency Discharge Monitoring Report, Quality Assurance Program (DMR-QA). Annual national program sponsored by EPA for laboratories engaged in the analysis of samples associated with the NPDES monitoring program. Participation is mandatory for all holders of NPDES permits. The permit holder must analyze for all of the parameters listed on the discharge permit. Parameters include general chemistry, metals, BOD/COD, oil and grease, ammonia, nitrates, etc.
- Department of Energy Mixed Analyte Performance Evaluation Program (MAPEP). A semiannual program developed by DOE in support of DOE contractors performing waste analyses. Participation is required for all laboratories that perform environmental analytical measurements in support of environmental management activities. This program includes radioactive isotopes in water, soil, vegetation and air filters.
- ERA's MRAD-Multimedia Radiochemistry Proficiency test program. This program is for labs seeking certification for radionuclides in wastewater and solid waste. The program is conducted in strict compliance with USEPA National Standards for Water Proficiency study.
- ERA's InterLaB RadCheM Proficiency Testing Program for radiological analyses. This program completes the process of replacing the USEPA EMSL-LV Nuclear Radiation Assessment Division program discontinued in 1998. Laboratories seeking certification for radionuclide analysis in drinking water also use the study. This program is conducted in strict compliance with the USEPA National Standards for Water Proficiency Testing Studies. This program encompasses Uranium by EPA method 200.8 (for drinking water certification in Utah/Primary NELAP), gamma emitters, Gross Alpha/Beta, Iodine-131, naturally occurring radioactive isotopes, Strontium-89/90, and Tritium.

- ERA's Water Pollution (WP) biannual program for waste methodologies includes parameters for both organic and inorganic analytes.
- ERA's Water Supply (WS) biannual program for drinking water methodologies includes parameters for organic and inorganic analytes.
- Environmental Cross-Check Program administered by Eckert & Ziegler Analytics, Inc. This program encompasses radionuclides in water, soil, milk, naturally occurring radioactive isotopes in soil and air filters.

GEL procures single-blind performance evaluation samples from Eckert & Ziegler Analytics to verify the analysis of sample matrices processed at GEL. Samples are received on a quarterly basis. GEL's Third-Party Cross-Check Program provides environmental matrices encountered in a typical nuclear utility REMP. The Third-Party Cross-Check Program is intended to meet or exceed the inter-laboratory comparison program requirements discussed in NRC Regulatory Guide 4.15. Once performance evaluation samples have been prepared in accordance with the instructions provided by the PT provider, samples are managed and analyzed in the same manner as environmental samples from GEL's clients.

3. Quality Assurance Program for Internal and External Audits

During each annual reporting period, at least one internal assessment of each area of the laboratory is conducted in accordance with the pre-established schedule from Standard Operating Procedure for the Conduct of Quality Audits, GL-QS-E-001. The annual internal audit plan is reviewed for adequacy and includes the scheduled frequency and scope of quality control actions necessary to GEL's QA program. Internal audits are conducted at least annually in accordance with a schedule approved by the Quality Systems Director. Supplier audits are contingent upon the categorization of the supplier, and may or may not be conducted prior to the use of a supplier or subcontractor. Type I suppliers and subcontractors, regardless of how they were initially qualified, are re-evaluated at least once every three years.

In addition, prospective customers audit GEL during pre-contract audits. GEL hosts several external audits each year for both our clients and other programs. These programs include environmental monitoring, waste characterization, and radiobioassay. The following list of programs may audit GEL at least annually or up to every three years depending on the program.

- NELAC, National Environmental Laboratory Accreditation Program
- DOECAP, U.S. Department of Energy Consolidated Audit Program
- DOELAP, U.S. Department of Energy Laboratory Accreditation Program
- DOE QSAS, U.S. Department of Energy, Quality Systems for Analytical Services
- ISO/IEC 17025:2005
- A2LA, American Association for Laboratory Accreditation
- DOD ELAP, US Department of Defense Environmental Accreditation Program
- NUPIC, Nuclear Procurement Issues Committee
- South Carolina Department of Health and Environmental Control (SC DHEC)

The annual radiochemistry laboratory internal audit (13-RAD-001) was conducted in August 2013. Three (3) findings, two (2) observations, and one (1) recommendations resulted from this

assessment. By October, 2013, each finding was closed and appropriate laboratory staff addressed each observation and recommendation.

4. Performance Evaluation Acceptance Criteria for Environmental Sample Analysis

GEL utilized an acceptance protocol based upon two performance models. For those inter-laboratory programs that already have established performance criteria for bias (i.e., MAPEP, and ERA/ELAP), GEL will utilize the criteria for the specific program. For intra-laboratory or third party quality control programs that do not have a specific acceptance criteria (i.e. the Eckert-Ziegler Analytics Environmental Cross-check Program), results will be evaluated in accordance with GEL's internal acceptance criteria.

5. Performance Evaluation Samples

Performance Evaluation (PE) results and internal quality control sample results are evaluated in accordance with GEL acceptance criteria. The first criterion concerns bias, which is defined as the deviation of any one result from the known value. The second criterion concerns precision, which deals with the ability of the measurement to be replicated by comparison of an individual result with the mean of all results for a given sample set.

At GEL, we also evaluate our analytical performance on a regular basis through statistical process control (SPC) acceptance criteria. Where feasible, this criterion is applied to both measures of precision and accuracy and is specific to sample matrix. We establish environmental process control limits at least annually.

For Radiochemistry analysis, quality control evaluation is based on static limits rather than those that are statistically derived. Our current process control limits are maintained in GEL's AlphaLIMS. We also measure precision with matrix duplicates and/or matrix spike duplicates. The upper and lower control limits (UCL and LCL respectively) for precision are plus or minus three times the standard deviation from the mean of a series of relative percent differences. The static precision criteria for radiochemical analyses are 0 - 20%, for activity levels exceeding the contract required detection limit (CRDL).

6. Quality Control Program for Environmental Sample Analysis

GEL's internal QA Program is designed to include QC functions such as instrumentation calibration checks (to insure proper instrument response), blank samples, instrumentation backgrounds, duplicates, as well as overall staff qualification analyses and statistical process controls. Both quality control and qualification analyses samples are used to be as similar as the matrix type of those samples submitted for analysis by the various laboratory clients. These performance test samples (or performance evaluation samples) are either actual sample submitted in duplicate in order to evaluate the precision of laboratory measurements, or fortified blank samples, which have been given a known quantity of a radioisotope that is in the interest to GEL's clients.

Accuracy (or Bias) is measured through laboratory control samples and/or matrix spikes, as well as surrogates and internal standards. The UCLs and LCLs for accuracy are plus or minus three times the standard deviation from the mean of a series of recoveries. The static limit for

radiochemical analyses is 75 - 125%. Specific instructions for out-of-control situations are provided in the applicable analytical SOP.

GEL's Laboratory Control Standard (LCS) is an aliquot of reagent water or other blank matrix to which known quantities of the method analytes are added in the laboratory. The LCS is analyzed exactly like a sample, and its purpose is to determine whether the methodology is in control, and whether the laboratory is capable of making accurate and precise measurements. Some methods may refer to these samples as Laboratory Fortified Blanks (LFB). The requirement for recovery is between 75 and 125% for radiological analyses excluding drinking water matrix.

$$\text{Bias (\%)} = \frac{(\text{observed concentration})}{(\text{known concentration})} * 100 \%$$

Precision is a data quality indicator of the agreement between measurements of the same property, obtained under similar conditions, and how well they conform to themselves. Precision is usually expressed as standard deviation, variance or range in either absolute or relative (percentage) terms.

GEL's laboratory duplicate (DUP or LCSD) is an aliquot of a sample taken from the same container and processed in the same manner under identical laboratory conditions. The aliquot is analyzed independently from the parent sample and the results are compared to measure precision and accuracy.

If a sample duplicate is analyzed, it will be reported as Relative Percent Difference (RPD). The RPD must be 20 percent or less, if both samples are greater than 5 times the MDC. If both results are less than 5 times MDC, then the RPD must be equal to or less than 100%. If one result is above the MDC and the other is below the MDC, then the RPD can be calculated using the MDC for the result of the one below the MDC. The RPD must be 100% or less. In the situation where both results are above the MDC but one result is greater than 5 times the MDC and the other is less than 5 times the MDC, the RPD must be less than or equal to 20%. If both results are below MDC, then the limits on % RPD are not applicable.

$$\text{Difference (\%)} = \frac{(\text{high duplicate result} - \text{low duplicate result})}{(\text{average of results})} * 100 \%$$

7. Summary of Data Results

During 2013, forty-four (44) radioisotopes associated with seven (7) matrix types were analyzed under GEL's Performance Evaluation program in participation with ERA, MAPEP, and Eckert & Ziegler Analytics. Matrix types were representative of client analyses performed during 2012. Of the four hundred twenty-three (423) total results reported, 97% (410 of 423) were found to be acceptable. The list below contains the type of matrix evaluated by GEL.

- Air Filter
- Cartridge
- Water
- Milk
- Soil
- Liquid

- Vegetation

Graphs are provided in Figures 1-9 of this report to allow for the evaluation of trends or biases. These graphs include radioisotopes Cobalt-60, Cesium-137, Tritium, Strontium-90, Gross Alpha, Gross Beta, Iodine-131, Americium-241, and Plutonium-238.

8. Summary of Participation in the Eckert & Ziegler Analytics Environmental Cross-Check Program

Eckert & Ziegler Analytics provided samples for eighty-nine (89) individual environmental analyses. The accuracy of each result reported to Eckert & Ziegler Analytics, Inc. is measured by the ratio of GEL's result to the known value. All results fell within GEL's acceptance criteria (100%).

9. Summary of Participation in the MAPEP Monitoring Program

MAPEP Series 27, 28 and 29 were analyzed by the laboratory. Of the one hundred thirty-eight (138) analyses, 96% (133 out of 138) of all results fell within the PT provider's acceptance criteria. Five analytical failures occurred: Uranium-238/235 and Total Uranium in vegetation by ICP/MS, and Uranium-234/233, and Uranium-238 by Alpha Spectroscopy.

For the corrective actions associated with MAPEP Series 28, refer to CARR130513-789 which is detailed in Table 8.

10. Summary of Participation in the ERA MRaD PT Program

The ERA MRad program provided samples (MRAD-18 and MRAD-19) for one hundred fifty (150) individual environmental analyses. One hundred forty-five (145) of the 150 analyses fell within the PT provider's acceptance criteria (97%). Five analytical failures occurred: Cesium-134, Cesium-137 and Zinc-65 in soil, and Uranium-234 and Total Uranium in vegetation.

For the corrective actions associated with MRAD-18 and MRAD-19, refer to CARR130522-791 and CARR131205-845 which are detailed in Table 8.

11. Summary of Participation in the ERA PT Program

The ERA program provided samples (RAD-92 and RAD-94) for forty-six (46) individual environmental analyses. Of the 44 analyses, 93% (43 out of 44) of all results fell within the PT provider's acceptance criteria. Two analytical failures occurred: Gross Alpha and Strontium-89 in water.

For the corrective actions associated with RAD-92 refer to corrective actions CARR130826-810 (Table 8).

12. Corrective Action Request and Report (CARR)

There are two categories of corrective action at GEL. One is corrective action implemented at the analytical and data review level in accordance with the analytical SOP. The other is formal corrective action documented by the Quality Systems Team in accordance with GL-QS-E-002. A

formal corrective action is initiated when a nonconformance reoccurs or is so significant that permanent elimination or prevention of the problem is required. Formal corrective action investigations include root cause analysis.

GEL includes quality requirements in most analytical standard operating procedures to ensure that data are reported only if the quality control criteria are met or the quality control measures that did not meet the acceptance criteria are documented. A formal corrective action is implemented according to GL-QS-E-002 for Conducting Corrective/Preventive Action and Identifying Opportunities for Improvement. Recording and documentation is performed following guidelines stated in GL-QS-E-012 for Client NCR Database Operation.

Any employee at GEL can identify and report a nonconformance and request that corrective action be taken. Any GEL employee can participate on a corrective action team as requested by the QS team or Group Leaders. The steps for conducting corrective action are detailed in GL-QS-E-002. In the event that correctness or validity of the laboratory's test results in doubt, the laboratory will take corrective action. If investigations show that the results have been impacted, affected clients will be informed of the issue in writing within five (5) calendar days of the discovery.

Table 8 provides the status of CARRs for radiological performance testing during 2013. **It has been determined that causes of the failures did not impact any data reported to our clients.**

13. References

1. GEL Quality Assurance Plan, GL-QS-B-001
2. GEL Standard Operating Procedure for the Conduct of Quality Audits, GL-QS-E-001
3. GEL Standard Operating Procedure for Conducting Corrective/Preventive Action and Identifying Opportunities for Improvement, GL-QS-E-002
4. GEL Standard Operating Procedure for AlphaLIMS Documentation of Nonconformance Reporting and Dispositioning and Control of Nonconforming Items, GL-QS-E-004
5. GEL Standard Operating Procedure for Handling Proficiency Evaluation Samples, GL-QS-E-013
6. GEL Standard Operating Procedure for Quality Assurance Measurement Calculations and Processes, GL-QS-E-014
7. 40 CFR Part 136 Guidelines Establishing Test Procedures for the Analysis of Pollutants
8. ISO/IEC 17025-2005, General Requirements for the Competence of Testing and Calibration Laboratories
9. ANSI/ASQC E4-1994, Specifications and Guidelines for Quality Systems for Environmental Data Collection and Environmental Technology Programs, American National Standard
10. 2003 NELAC Standard, National Environmental Laboratory Accreditation Program
11. 2009 TNI Standard, The NELAC Institute, National Environmental Accreditation Program
12. MARLAP, Multi-Agency Radiological Laboratory Analytical Protocols
13. 10 CFR Part 21, Reporting of Defects and Noncompliance
14. 10 CFR Part 50 Appendix B, Quality Assurance Criteria for Nuclear Power Plants and Fuel Reprocessing Plants
15. 10 CFR Part 61, Licensing Requirements for Land Disposal and Radioactive Waste
16. NRC REG Guide 4.15 and NRC REG Guide 4.8

TABLE 1
2013 RADIOLOGICAL PROFICIENCY TESTING RESULTS AND ACCEPTANCE CRITERIA

PT Provider	Quarter / Year	Analytical Date	Sample Number	Sample Media	Unit	Analyte / Nuclide	GEL Value	Known value	Acceptance Range/ Ratio	Evaluation
MAPEP	1st/ 2013	02/27/13	GENE01-13-RdFR1	Filter	Bq/sample	Uranium-234/233	0.0143	0.0155	0.0109-0.0202	Acceptable
MAPEP	1st/ 2013	02/27/13	GENE01-13-RdFR1	Filter	Bq/sample	Uranium-238	0.0999	0.098	0.069-0.127	Acceptable
EZA	4th/2012	02/01/13	E10323	Cartridge	pCi	Iodine-131	7.31E+01	7.29E+01	1.00	Acceptable
EZA	4th/2012	02/01/13	E10324	Milk	pCi/L	Strontium-89	9.89E+00	1.38E+01	0.72	Acceptable
EZA	4th/2012	02/01/13	E10324	Milk	pCi/L	Strontium-90	9.83E+00	1.48E+01	1.02	Acceptable
EZA	4th/2012	02/01/13	E10325	Milk	pCi/L	Iodine-131	9.57E+01	9.00E+01	1.06	Acceptable
EZA	4th/2012	02/01/13	E10325	Milk	pCi/L	Chromium-51	3.67E+02	3.48E+02	1.06	Acceptable
EZA	4th/2012	02/01/13	E10325	Milk	pCi/L	Cesium-134	1.54E+02	1.65E+02	0.93	Acceptable
EZA	4th/2012	02/01/13	E10325	Milk	pCi/L	Cesium-137	1.18E+02	1.17E+02	1.01	Acceptable
EZA	4th/2012	02/01/13	E10325	Milk	pCi/L	Cobalt-58	9.85E+01	9.85E+01	1	Acceptable
EZA	4th/2012	02/01/13	E10325	Milk	pCi/L	Manganese-54	1.16E+02	1.16E+02	1	Acceptable
EZA	4th/2012	02/01/13	E10325	Milk	pCi/L	Iron-59	1.33E+02	1.16E+02	1.15	Acceptable
EZA	4th/2012	02/01/13	E10325	Milk	pCi/L	Zinc-65	3.19E+02	2.91E+02	1.09	Acceptable
EZA	4th/2012	02/01/13	E10325	Milk	pCi/L	Cobalt-60	1.73E+02	1.70E+02	1.02	Acceptable
EZA	4th/2012	02/01/13	E10325	Milk	pCi/L	Cesium-141	5.38E+01	5.10E+01	1.05	Acceptable
EZA	4th/2012	02/01/13	E10380	Water	pCi/L	Iodine-131	7.47E+01	7.25E+01	1.03	Acceptable
EZA	4th/2012	02/01/13	E10380	Water	pCi/L	Chromium-51	3.81E+02	3.62E+02	1.05	Acceptable
EZA	4th/2012	02/01/13	E10380	Water	pCi/L	Cesium-134	1.57E+02	1.73E+02	0.91	Acceptable
EZA	4th/2012	02/01/13	E10380	Water	pCi/L	Cesium-137	1.25E+02	1.22E+02	1.03	Acceptable
EZA	4th/2012	02/01/13	E10380	Water	pCi/L	Cobalt-58	1.02E+02	1.03E+02	0.99	Acceptable
EZA	4th/2012	02/01/13	E10380	Water	pCi/L	Manganese-54	1.28E+02	1.21E+02	1.06	Acceptable
EZA	4th/2012	02/01/13	E10380	Water	pCi/L	Iron-59	1.38E+02	1.21E+02	1.14	Acceptable
EZA	4th/2012	02/01/13	E10380	Water	pCi/L	Zinc-65	2.13E+02	1.94E+02	1.1	Acceptable
EZA	4th/2012	02/01/13	E10380	Water	pCi/L	Cobalt-60	1.80E+02	1.77E+02	1.01	Acceptable
ERA	1st/ 2013	02/28/13	RAD - 92	Water	pCi/L	Barium-133	55.4	54.4	44.9-60.2	Acceptable
ERA	1st/ 2013	02/28/13	RAD - 92	Water	pCi/L	Cesium-134	27.2	29.9	23.4-32.9	Acceptable
ERA	1st/ 2013	02/28/13	RAD - 92	Water	pCi/L	Cesium-137	74.3	75.3	67.8-85.5	Acceptable
ERA	1st/ 2013	02/28/13	RAD - 92	Water	pCi/L	Cobalt-60	89.0	97.7	87.9-110	Acceptable
ERA	1st/ 2013	02/28/13	RAD - 92	Water	pCi/L	Zinc-65	126	114	103-136	Acceptable
ERA	1st/ 2013	02/28/13	RAD - 92	Water	pCi/L	Gross Alpha	26.0	24.8	12.5-33.0	Acceptable
ERA	1st/ 2013	02/28/13	RAD - 92	Water	pCi/L	Gross Beta	19.4	19.3	11.3-27.5	Acceptable
ERA	1st/ 2013	02/28/13	RAD - 92	Water	pCi/L	Gross Alpha	31.4	24.8	12.5-33.0	Acceptable
ERA	1st/ 2013	02/28/13	RAD - 92	Water	pCi/L	Radium-226	10.4	9.91	7.42-11.6	Acceptable
ERA	1st/ 2013	02/28/13	RAD - 92	Water	pCi/L	Radium-228	4.84	5.22	3.14-6.96	Acceptable
ERA	1st/ 2013	02/28/13	RAD - 92	Water	pCi/L	Uranium (Nat)	6.43	5.96	4.47-7.13	Acceptable
ERA	1st/ 2013	02/28/13	RAD - 92	Water	ug/L	Uranium (Nat) mass	9.59	8.69	6.50-10.4	Acceptable



ERA	1st/ 2013	02/28/13	RAD - 92	Water	pCi/L	Radium-226	11.60	9.91	7.42-11.6	Acceptable
ERA	1st/ 2013	02/28/13	RAD - 92	Water	pCi/L	Radium-228	5.13	5.22	3.14-6.96	Acceptable
ERA	1st/ 2013	02/28/13	RAD - 92	Water	pCi/L	Uranium (Nat)	5.95	5.96	4.47-7.13	Acceptable
ERA	1st/ 2013	02/28/13	RAD - 92	Water	ug/L	Uranium (Nat) mass	9.95	8.69	6.50-10.4	Acceptable
ERA	1st/ 2013	02/28/13	RAD - 92	Water	pCi/L	Tritium	1430	1320	1040-1480	Acceptable
ERA	1st/ 2013	02/28/13	RAD - 92	Water	pCi/L	Strontium-89	47.5	48	37.6-55.3	Acceptable
ERA	1st/ 2013	02/28/13	RAD - 92	Water	pCi/L	Strontium-90	35.9	39.8	29.2-45.8	Acceptable
ERA	1st/ 2013	02/28/13	RAD - 92	Water	pCi/L	Strontium-89	42.9	48	37.6-55.3	Acceptable
ERA	1st/ 2013	02/28/13	RAD - 92	Water	pCi/L	Strontium-90	34.6	39.8	29.2-45.8	Acceptable
ERA	1st/ 2013	02/28/13	RAD - 92	Water	pCi/L	Iodine-131	23.6	22.7	18.8-27.0	Acceptable
ERA	1st/ 2013	02/28/13	RAD - 92	Water	pCi/L	Iodine-131	27	22.7	18.8-27.0	Acceptable
EZA	1st/ 2013	04/25/13	E10469	Cartridge	pCi	Iodine-131	9.38E+01	9.27E+01	1.01	Acceptable
EZA	1st/ 2013	04/25/13	E10470	Milk	pCi/L	Strontium-89	1.07E+02	9.97E+01	1.07	Acceptable
EZA	1st/ 2013	04/25/13	E10470	Milk	pCi/L	Strontium-90	1.18E+01	1.10E+01	1.07	Acceptable
EZA	1st/ 2013	04/25/13	E10471	Milk	pCi/L	Iodine-131	3.54E+00	1.67E+00	1.12	Acceptable
EZA	1st/ 2013	04/25/13	E10471	Milk	pCi/L	Cerium-141	2.00E+01	1.87E+01	1.07	Acceptable
EZA	1st/ 2013	04/25/13	E10471	Milk	pCi/L	Chromium-51	5.09E+01	4.72E+01	1.08	Acceptable
EZA	1st/ 2013	04/25/13	E10471	Milk	pCi/L	Cesium-134	2.06E+02	2.14E+02	0.96	Acceptable
EZA	1st/ 2013	04/25/13	E10471	Milk	pCi/L	Cesium-137	2.83E+02	2.66E+02	1.07	Acceptable
EZA	1st/ 2013	04/25/13	E10471	Milk	pCi/L	Cobalt-58	2.19E+02	2.08E+02	1.05	Acceptable
EZA	1st/ 2013	04/25/13	E10471	Milk	pCi/L	Mn-54	2.21E+02	2.08E+02	1.06	Acceptable
EZA	1st/ 2013	04/25/13	E10471	Milk	pCi/L	Iron-59	2.78E+02	2.52E+02	1.1	Acceptable
EZA	1st/ 2013	04/25/13	E10471	Milk	pCi/L	Zinc-65	3.39E+02	3.01E+02	1.13	Acceptable
EZA	1st/ 2013	04/25/13	E10471	Milk	pCi/L	Cobalt-60	4.02E+02	4.00E+02	1.01	Acceptable
EZA	1st/ 2013	04/25/13	E10472	Water	pCi/L	Iodine-131	1.12E+02	9.28E+01	1.21	Acceptable
EZA	1st/ 2013	04/25/13	E10472	Water	pCi/L	Cerium-141	1.88E+02	1.79E+02	1.05	Acceptable
EZA	1st/ 2013	04/25/13	E10472	Water	pCi/L	Chromium-51	4.84E+02	4.52E+02	1.07	Acceptable
EZA	1st/ 2013	04/25/13	E10472	Water	pCi/L	Cesium-134	1.96E+02	2.05E+02	0.96	Acceptable
EZA	1st/ 2013	04/25/13	E10472	Water	pCi/L	Cesium-137	2.71E+02	2.54E+02	1.07	Acceptable
EZA	1st/ 2013	04/25/13	E10472	Water	pCi/L	Cobalt-58	2.03E+02	1.99E+02	1.02	Acceptable
EZA	1st/ 2013	04/25/13	E10472	Water	pCi/L	Mn-54	2.15E+02	1.99E+02	1.08	Acceptable
EZA	1st/ 2013	04/25/13	E10472	Water	pCi/L	Iron-59	2.67E+02	2.41E+02	1.11	Acceptable
EZA	1st/ 2013	04/25/13	E10472	Water	pCi/L	Zinc-65	3.14E+02	2.88E+02	1.09	Acceptable
EZA	1st/ 2013	04/25/13	E10472	Water	pCi/L	Cobalt-60	3.92E+02	3.83E+02	1.02	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-27-GfF28	Filter	Bq/sample	Gross Alpha	0.656	1.20	0.36-2.04	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-27-GfF29	Filter	Bq/sample	Gross Beta	0.954	0.85	0.43-1.28	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-MaS28	Soil	mg/kg	Americium-241	118	113	79-147	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-MaS28	Soil	mg/kg	Cesium-134	829	887	621-1153	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-MaS28	Soil	mg/kg	Cesium-137	623	587	411-763	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-MaS28	Soil	mg/kg	Cobalt-57	1.04	0	False Pos Test	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-MaS28	Soil	mg/kg	Cobalt-60	737	691	484-898	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-MaS28	Soil	mg/kg	Iron-55	-0.380	0	False Pos Test	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-MaS28	Soil	mg/kg	Manganese-54	0.760	0	False Pos Test	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-MaS28	Soil	mg/kg	Nickel-63	719	670	469-871	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-MaS28	Soil	mg/kg	Plutonium-238	0.571	0.52	Sens. Eval.	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-MaS28	Soil	mg/kg	Plutonium-	77.70	79.5	55.7-103.4	Acceptable



						239/240				
MAPEP	2nd/2013	05/13/13	MAPEP-13-MaS28	Soil	mg/kg	Potassium-40	713	625	438-813	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-MaS28	Soil	mg/kg	Strontium-90	693.0	628	440-816	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-MaS28	Soil	mg/kg	Technetium-99	419.0	444	311-577	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-MaS28	Soil	mg/kg	Uranium-234/233	60.0	62.5	43.8-81.3	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-MaS28	Soil	mg/kg	Uranium-238	274	281	197-365	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-MaS28	Soil	mg/kg	Zinc-65	1130	995	697-1294	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-MaW28	Water	Bq/L	Americium-241	0.690	0.689	0.428-0.896	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-MaW28	Water	Bq/L	Cesium-134	21.1	24.4	17.1-31.7	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-MaW28	Water	Bq/L	Cesium-137	0.10	0.0	False Pos Test	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-MaW28	Water	Bq/L	Cobalt-57	31.0	30.9	21.6-40.2	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-MaW28	Water	Bq/L	Cobalt-60	19.4	19.6	13.7-25.4	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-MaW28	Water	Bq/L	Hydrogen-3	517	507	355-659	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-MaW28	Water	Bq/L	Iron-55	39.7	44.0	30.8-57.2	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-MaW28	Water	Bq/L	Manganese-54	28.0	27.4	19.2-35.6	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-MaW28	Water	Bq/L	Nickel-63	32.9	33.4	23.4-43.4	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-MaW28	Water	Bq/L	Plutonium-238	0.825	0.884	0.619-1.149	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-MaW28	Water	Bq/L	Pu-239/240	0.0162	0.0096	Sens. Eval.	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-MaW28	Water	Bq/L	Potassium-40	-0.471	0	False Pos Test	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-MaW28	Water	Bq/L	Strontium-90	12.5	10.5	7.4-13.7	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-MaW28	Water	Bq/L	Technetium-99	12.9	13.1	9.2-17.0	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-MaW28	Water	Bq/L	Uranium-234/233	0.289	0.315	0.221-0.410	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-MaW28	Water	Bq/L	Uranium-238	1.81	1.95	1.37-2.54	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-MaW28	Water	Bq/L	Zinc-65	32.8	30.4	21.3-39.5	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-GrW28	Water	Bq/L	Gross Alpha	2.60	2.31	0.69-3.93	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-GrW28	Water	Bq/L	Gross Beta	14.2	13.0	6.5-19.5	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-XaW28	Water	Bq/L	Iodine-129	5.94	6.06	4.24-7.88	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-RdF28	Filter	ug/sample	Uranium-235	0.036	0.036	0.025-0.047	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-RdF28	Filter	ug/sample	Uranium-238	18.0	18.6	13.0-24.2	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-RdF28	Filter	ug/sample	Uranium-Total	17.7	18.6	13.0-24.2	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-RdF28	Filter	ug/sample	Americium-241	0.106	0.104	0.073-0.135	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-RdF28	Filter	Bq/sample	Cesium-134	1.75	1.78	1.25-2.31	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-RdF28	Filter	Bq/sample	Cesium-137	2.71	2.60	1.82-3.38	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-RdF28	Filter	Bq/sample	Cobalt-57	2.51	2.36	1.65-3.07	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-RdF28	Filter	Bq/sample	Cobalt-60	0.005	0.00	False Pos Test	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-RdF28	Filter	Bq/sample	Manganese-54	4.43	4.26	2.98-5.54	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-RdF28	Filter	Bq/sample	Plutonium-238	0.124	0.127	0.089-0.165	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-RdF28	Filter	Bq/sample	Pu-239/240	0.118	0.1210	0.085-0.157	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-RdF28	Filter	Bq/sample	Strontium-90	1.54	1.49	1.04-1.94	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-RdF28	Filter	Bq/sample	Uranium-234/233	0.0342	0.0318	0.0223-0.0413	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-RdF28	Filter	Bq/sample	Uranium-238	0.230	0.231	0.162-0.300	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-RdF28	Filter	Bq/sample	Zinc-65	3.38	3.13	2.19-4.07	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-GrF28	Filter	Bq/sample	Gross Alpha	0.656	1.20	0.36-2.04	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-GrF28	Filter	Bq/sample	Gross Beta	0.95	0.85	0.43-1.28	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-RdF28	Filter	Bq/sample	Americium-241	0.106	0.104	0.073-0.135	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-RdV28	Vegetation	ug/sample	Uranium-235	0.0029	0.001	0.0009-0.0017	Not Accept.
MAPEP	2nd/2013	05/13/13	MAPEP-13-RdV28	Vegetation	ug/sample	Uranium-238	0.419	0.180	0.13-0.23	Not Accept.
MAPEP	2nd/2013	05/13/13	MAPEP-13-RdV28	Vegetation	ug/sample	Uranium-Total	0.4219	0.180	0.13-0.23	Not Accept.
MAPEP	2nd/2013	05/13/13	MAPEP-13-RdV28	Vegetation	ug/sample	Americium-241	0.1350	0.140	0.098-0.182	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-RdV28	Vegetation	Bq/sample	Cesium-134	0.0525	0.00	False Pos Test	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-RdV28	Vegetation	Bq/sample	Cesium-137	7.13	6.87	4.81-8.93	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-RdV28	Vegetation	Bq/sample	Cobalt-57	8.86	8.68	6.08-11.28	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-RdV28	Vegetation	Bq/sample	Cobalt-60	6.07	5.85	4.10-7.61	Acceptable



MAPEP	2nd/2013	05/13/13	MAPEP-13-RdV28	Vegetation	Bq/sample	Manganese-54	-0.002	0.00	False Pos Test	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-RdV28	Vegetation	Bq/sample	Plutonium-238	0.110	0.110	0.077-0.143	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-RdV28	Vegetation	Bq/sample	Pu-239/240	0.113	0.123	0.086-0.160	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-RdV28	Vegetation	Bq/sample	Strontium-90	1.358	1.64	1.15-2.13	Acceptable
MAPEP	2nd/2013	05/13/13	MAPEP-13-RdV28	Vegetation	Bq/sample	Uranium-234/233	0.0081	0.0038	Sens. Eval.	Not Accept.
MAPEP	2nd/2013	05/13/13	MAPEP-13-RdV28	Vegetation	Bq/sample	Uranium-238	0.00489	0.002	Sens. Eval.	Not Accept.
MAPEP	2nd/2013	05/13/13	MAPEP-13-RdV28	Vegetation	Bq/sample	Zinc-65	6.59	6.25	4.38-8.13	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Soil	pCi/kg	Actinium-228	1500	1240	795-1720	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Soil	pCi/kg	Americium-241	225	229	134-297	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Soil	pCi/kg	Bismuth-212	1250	1240	330-1820	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Soil	pCi/kg	Bismuth-214	4410	3660	2200-5270	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Soil	pCi/kg	Cesium-134	7850	6370	4160-7650	Not Accept.
ERA	2nd/2013	05/22/13	MRAD-18	Soil	pCi/kg	Cesium-137	8070	6120	4690-7870	Not Accept.
ERA	2nd/2013	05/22/13	MRAD-18	Soil	pCi/kg	Cobalt-60	10300	7920	5360-10900	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Soil	pCi/kg	Lead-212	1290	1240	812-1730	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Soil	pCi/kg	Lead-214	4690	3660	2140-5460	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Soil	pCi/kg	Manganese-54	<63.4	<1000	0-1000	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Soil	pCi/kg	Plutonium-238	651	788.00	474-1090	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Soil	pCi/kg	Plutonium-239	320	366.00	239-506	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Soil	pCi/kg	Potassium-40	10300	10300	7520-13800	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Soil	pCi/kg	Strontium-90	6730	8530	3250-13500	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Soil	pCi/kg	Thorium-234	3290	1900	601-3570	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Soil	pCi/kg	Zinc-65	1910	1400	1110-1860	Not Accept.
ERA	2nd/2013	05/22/13	MRAD-18	Soil	pCi/kg	Strontium-90	6730	8530	3250-13500	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Soil	pCi/kg	Uranium-234	1210	1920	1170-2460	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Soil	pCi/kg	Uranium-238	1630	1900	1180-2410	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Soil	pCi/kg	Uranium-Total	2840	3920	2130-5170	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Soil	ug/kg	Uranium-Total(mass)	4150	5710	3150-7180	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Vegetation	pCi/kg	Americium-241	629	553	338-735	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Vegetation	pCi/kg	Cesium-134	1400	1240	797-1610	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Vegetation	pCi/kg	Cesium-137	687	544	394-757	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Vegetation	pCi/kg	Cobalt-60	2410	1920	1320-2680	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Vegetation	pCi/kg	Curium-244	1420	1340	657-2090	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Vegetation	pCi/kg	Manganese-54	<47.4	<300	0.00-300	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Vegetation	pCi/kg	Plutonium-238	2060	1980	1180-2710	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Vegetation	pCi/kg	Plutonium-239	2230	2260	1390-3110	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Vegetation	pCi/kg	Potassium-40	35600	31900	23000-44800	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Vegetation	pCi/kg	Strontium-90	3720	3840	2190-5090	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Vegetation	pCi/kg	Uranium-234	2650	2460	1620-3160	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Vegetation	pCi/kg	Uranium-238	2580	2440	1630-3100	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Vegetation	pCi/kg	Uranium-Total	5361	5010	3390-6230	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Vegetation	ug/kg	Uranium-Total(mass)	7740	7310	4900-9280	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Vegetation	pCi/kg	Zinc-65	1150	878	633-1230	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Filter	pCi/Filter	Americium-241	62.9	66.8	41.2-90.4	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Filter	pCi/Filter	Cesium-134	1080	1110	706-1380	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Filter	pCi/Filter	Cesium-137	971	940	706-1230	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Filter	pCi/Filter	Cobalt-60	217	214	166-267	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Filter	pCi/Filter	Iron-55	224	225	69.8-440	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Filter	pCi/Filter	Manganese-54	<5.27	<50.0	0-50.0	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Filter	pCi/Filter	Plutonium-238	48.0	50.1	34.3-65.9	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Filter	pCi/Filter	Plutonium-239	62.7	65.2	47.2-85.2	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Filter	pCi/Filter	Strontium-90	139	138	67.4-207	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Filter	pCi/Filter	Uranium-234	54.5	59.4	36.8-89.6	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Filter	pCi/Filter	Uranium-238	58.5	58.9	38.1-81.4	Acceptable



ERA	2nd/2013	05/22/13	MRAD-18	Filter	pCi/Filter	Uranium-Total	117	121	67.0-184	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Filter	ug/Filter	Uranium-Total(mass)	176	176	113-248	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Filter	pCi/Filter	Zinc-65	222	199	142-275	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Filter	pCi/Filter	Gross Alpha	55.5	42.3	14.2-65.7	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Filter	pCi/Filter	Gross Beta	31	25.1	15.9-36.6	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Water	pCi/L	Americium-241	118	118	79.5-158	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Water	pCi/L	Cesium-134	1320	1400	1030-1610	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Water	pCi/L	Cesium-137	1900	1880	1600-2250	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Water	pCi/L	Cobalt-60	2370	2270	1970-2660	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Water	pCi/L	Iron-55	812	712	424-966	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Water	pCi/L	Manganese-54	<7.6	<100	0.00-100	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Water	pCi/L	Plutonium-238	91	99	73.1-123	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Water	pCi/L	Plutonium-239	161	185	144-233	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Water	pCi/L	Strontium-90	144	137	89.2-181	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Water	pCi/L	Uranium-234	47.3	48.8	36.7-62.9	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Water	pCi/L	Uranium-238	50.8	48.4	36.9-59.4	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Water	pCi/L	Uranium-Total	98.1	99.5	73.1-129	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Water	ug/L	Uranium-Total(mass)	152	145	116-175	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Water	pCi/L	Zinc-65	428	384	320-484	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Water	pCi/L	Gross Alpha	138.0	130	46.2-201	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Water	pCi/L	Gross Beta	87	78.9	45.2-117	Acceptable
ERA	2nd/2013	05/22/13	MRAD-18	Water	pCi/L	Tritium	13100	12300	8240-17500	Acceptable
EZA	2nd/2013	08/02/13	E10577	Cartridge	pCi	Iodine-131	9.16E+01	9.55E+01	1.02	Acceptable
EZA	2nd/2013	08/02/13	E10578	Milk	pCi/L	Strontium-89	9.27E+01	9.04E+01	0.98	Acceptable
EZA	2nd/2013	08/02/13	E10578	Milk	pCi/L	Strontium-90	1.20E+01	1.70E+01	0.7	Acceptable
EZA	2nd/2013	08/02/13	E10579	Milk	pCi/L	Iodine-131	9.86E+01	9.55E+01	1.03	Acceptable
EZA	2nd/2013	08/02/13	E10579	Milk	pCi/L	Cerium-141	9.44E+01	9.04E+01	1.04	Acceptable
EZA	2nd/2013	08/02/13	E10579	Milk	pCi/L	Chromium-51	2.58E+02	2.50E+02	1.03	Acceptable
EZA	2nd/2013	08/02/13	E10579	Milk	pCi/L	Cesium-134	1.21E+02	1.25E+02	0.97	Acceptable
EZA	2nd/2013	08/02/13	E10579	Milk	pCi/L	Cesium-137	1.49E+02	1.51E+02	0.99	Acceptable
EZA	2nd/2013	08/02/13	E10579	Milk	pCi/L	Cobalt-58	9.44E+01	9.40E+01	1.00	Acceptable
EZA	2nd/2013	08/02/13	E10579	Milk	pCi/L	Manganese-54	1.80E+02	1.72E+02	1.05	Acceptable
EZA	2nd/2013	08/02/13	E10579	Milk	pCi/L	Iron-59	1.36E+02	1.20E+02	1.14	Acceptable
EZA	2nd/2013	08/02/13	E10579	Milk	pCi/L	Zinc-65	2.39E+02	2.17E+02	1.10	Acceptable
EZA	2nd/2013	08/02/13	E10579	Milk	pCi/L	Cobalt-60	1.77E+02	1.75E+02	1.01	Acceptable
EZA	2nd/2013	08/02/13	E10178	Water	pCi/L	Iodine-131	9.33E+01	9.54E+01	0.98	Acceptable
EZA	2nd/2013	08/02/13	E10178	Water	pCi/L	Cerium-141	1.15E+02	1.10E+02	1.04	Acceptable
EZA	2nd/2013	08/02/13	E10178	Water	pCi/L	Chromium-51	3.40E+02	3.06E+02	1.11	Acceptable
EZA	2nd/2013	08/02/13	E10178	Water	pCi/L	Cesium-134	1.48E+02	1.53E+02	0.97	Acceptable
EZA	2nd/2013	08/02/13	E10178	Water	pCi/L	Cesium-137	1.83E+02	1.84E+02	0.99	Acceptable
EZA	2nd/2013	08/02/13	E10178	Water	pCi/L	Cobalt-58	1.13E+02	1.15E+02	0.99	Acceptable
EZA	2nd/2013	08/02/13	E10178	Water	pCi/L	Manganese-54	2.09E+02	2.10E+02	1.00	Acceptable
EZA	2nd/2013	08/02/13	E10178	Water	pCi/L	Iron-59	1.51E+02	1.46E+02	1.03	Acceptable
EZA	2nd/2013	08/02/13	E10178	Water	pCi/L	Zinc-65	2.86E+02	2.65E+02	1.08	Acceptable
EZA	2nd/2013	08/02/13	E10178	Water	pCi/L	Cobalt-60	2.25E+02	2.14E+02	1.05	Acceptable
ERA	3rd / 2013	08/22/13	RAD - 94	Water	pCi/L	Barium-133	76.4	740.5	62.4-82.0	Acceptable
ERA	3rd / 2013	08/22/13	RAD - 94	Water	pCi/L	Cesium-134	68.7	72.4	59.1-79.6	Acceptable
ERA	3rd / 2013	08/22/13	RAD - 94	Water	pCi/L	Cesium-137	154	155	140-172	Acceptable
ERA	3rd / 2013	08/22/13	RAD - 94	Water	pCi/L	Cobalt-60	85.3	82.3	74.1-92.9	Acceptable
ERA	3rd / 2013	08/22/13	RAD - 94	Water	pCi/L	Zinc-65	297	260	234-304	Acceptable
ERA	3rd /	08/22/13	RAD - 94	Water	pCi/L	Gross Alpha	74.3	57.1	29.8-71.2	Not



	2013									Acceptable
ERA	3rd / 2013	08/22/13	RAD - 94	Water	pCi/L	Gross Beta	34.3	41.8	27.9-49.2	Acceptable
ERA	3rd / 2013	08/22/13	RAD - 94	Water	pCi/L	Gross Alpha	67.7	57.1	29.8-71.2	Acceptable
ERA	3rd / 2013	08/22/13	RAD - 94	Water	pCi/L	Radium-226	16.9	17.2	12.8-19.7	Acceptable
ERA	3rd / 2013	08/22/13	RAD - 94	Water	pCi/L	Radium-226	17	17.2	12.8-19.7	Acceptable
ERA	3rd / 2013	08/22/13	RAD - 94	Water	pCi/L	Radium-228	3.53	3.86	2.18-5.4	Acceptable
ERA	3rd / 2013	08/22/13	RAD - 94	Water	pCi/L	Uranium (Nat)	20.4	21.4	17.1-24.1	Acceptable
ERA	3rd / 2013	08/22/13	RAD - 94	Water	ug/L	Uranium (Nat) mass	30.4	31.2	25.0-35.2	Acceptable
ERA	3rd / 2013	08/22/13	RAD - 94	Water	pCi/L	Radium-226	14.6	17.2	12.8-19.7	Acceptable
ERA	3rd / 2013	08/22/13	RAD - 94	Water	pCi/L	Uranium (Nat)	21.6	21.4	17.1-24.1	Acceptable
ERA	3rd / 2013	08/22/13	RAD - 94	Water	ug/L	Uranium (Nat) mass	33.7	31.2	25-35.2	Acceptable
ERA	3rd / 2013	08/22/13	RAD - 94	Water	pCi/L	Tritium	12500	13300	11600-14600	Acceptable
ERA	3rd / 2013	08/22/13	RAD - 94	Water	pCi/L	Strontium-89	48.9	36.5	27.4-43.4	Not Acceptable
ERA	3rd / 2013	08/22/13	RAD - 94	Water	pCi/L	Strontium-90	14.3	19.8	14.1-23.4	Acceptable
ERA	3rd / 2013	08/22/13	RAD - 94	Water	pCi/L	Strontium-89	44.3	36.5	27.4-43.4	Not Acceptable
ERA	3rd / 2013	08/22/13	RAD - 94	Water	pCi/L	Strontium-90	17.3	19.8	14.1-23.4	Acceptable
ERA	3rd / 2013	08/22/13	RAD - 94	Water	pCi/L	Iodine-131	26.1	24.3	20.2-28.8	Acceptable
ERA	3rd/2013	08/22/13	RAD - 94	Water	pCi/L	Iodine-131	23.3	24.3	20.2-28.8	Acceptable
EZA	3rd/2013	10/25/13	E10625	Cartridge	pCi	Iodine-131	8.57E+01	7.96E+01	1.08	Acceptable
EZA	3rd/2013	10/25/13	E10626	Milk	pCi/L	Strontium-89	9.33E+01	9.60E+01	0.97	Acceptable
EZA	3rd/2013	10/25/13	E10626	Milk	pCi/L	Strontium-90	1.09E+01	1.32E+01	0.83	Acceptable
EZA	3rd/2013	10/25/13	E10627	Milk	pCi/L	Iodine-131	1.00E+02	9.83E+01	1.02	Acceptable
EZA	3rd/2013	10/25/13	E10627	Milk	pCi/L	Chromium-51	3.09E+02	2.77E+02	1.11	Acceptable
EZA	3rd/2013	10/25/13	E10627	Milk	pCi/L	Cesium-134	1.46E+02	1.72E+02	0.85	Acceptable
EZA	3rd/2013	10/25/13	E10627	Milk	pCi/L	Cesium-137	1.33E+02	1.31E+02	1.02	Acceptable
EZA	3rd/2013	10/25/13	E10627	Milk	pCi/L	Cobalt-58	1.04E+02	1.08E+02	0.97	Acceptable
EZA	3rd/2013	10/25/13	E10627	Milk	pCi/L	Manganese-54	1.44E+02	1.39E+02	1.04	Acceptable
EZA	3rd/2013	10/25/13	E10627	Milk	pCi/L	Iron-59	1.43E+02	1.30E+02	1.1	Acceptable
EZA	3rd/2013	10/25/13	E10627	Milk	pCi/L	Zinc-65	2.86E+02	2.66E+02	1.07	Acceptable
EZA	3rd/2013	10/25/13	E10627	Milk	pCi/L	Cobalt-60	2.01E+02	1.96E+02	1.03	Acceptable
EZA	3rd/2013	10/25/13	E10628	Water	pCi/L	Iodine-131	1.01E+02	9.79E+01	1.03	Acceptable
EZA	3rd/2013	10/25/13	E10628	Water	pCi/L	Chromium-51	2.80E+02	2.51E+02	1.12	Acceptable
EZA	3rd/2013	10/25/13	E10628	Water	pCi/L	Cesium-134	1.42E+02	1.56E+02	0.91	Acceptable
EZA	3rd/2013	10/25/13	E10628	Water	pCi/L	Cesium-137	1.19E+02	1.18E+02	1.01	Acceptable
EZA	3rd/2013	10/25/13	E10628	Water	pCi/L	Cobalt-58	9.80E+01	9.73E+01	1.01	Acceptable
EZA	3rd/2013	10/25/13	E10628	Water	pCi/L	Manganese-54	1.29E+02	1.25E+02	1.05	Acceptable
EZA	3rd/2013	10/25/13	E10628	Water	pCi/L	Iron-59	1.23E+02	1.18E+02	1.04	Acceptable
EZA	3rd/2013	10/25/13	E10628	Water	pCi/L	Zinc-65	2.62E+02	2.41E+02	1.09	Acceptable
EZA	3rd/2013	10/25/13	E10628	Water	pCi/L	Cobalt-60	1.87E+02	1.77E+02	1.06	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-GrF29	Filter	Bq/sample	Gross Alpha	1.090	0.900	0.3-1.5	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-GrF29	Filter	Bq/sample	Gross Beta	1.730	1.630	0.82-2.45	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-MaS29	Soil	mg/kg	Americium-241	0.00	0	False Pos Test	Acceptable



MAPEP	4th/2013	11/12/13	MAPEP-13-MaS29	Soil	mg/kg	Cesium-134	1090	1172	820-1524	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-MaS29	Soil	mg/kg	Cesium-137	1010	977	684-1270	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-MaS29	Soil	mg/kg	Cobalt-57	0.0	0	False Pos Test	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-MaS29	Soil	mg/kg	Cobalt-60	462.00	451.00	316-586	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-MaS29	Soil	mg/kg	Iron-55	887	820	574-1066	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-MaS29	Soil	mg/kg	Manganese-54	692	674	472-876	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-MaS29	Soil	mg/kg	Nickel-63	525.0	571	400-742	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-MaS29	Soil	mg/kg	Plutonium-238	60.8	62	43.1-80.0	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-MaS29	Soil	mg/kg	Plutonium-239/240	1.33	0.4	Sens. Eval.	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-MaS29	Soil	mg/kg	Potassium-40	638	633	443-823	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-MaS29	Soil	mg/kg	Strontium-90	458.0	460	322-598	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-MaS29	Soil	mg/kg	Technetium-99	0.0	0	False Pos Test	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-MaS29	Soil	mg/kg	Uranium-234/233	26.1	30	21.0-39.0	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-MaS29	Soil	mg/kg	Uranium-238	30.0	34	23.8-44.2	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-MaS29	Soil	mg/kg	Zinc-65	0.0	0	False Pos Test	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-MaW29	Water	Bq/L	Americium-241	0.0001	0.000	False Pos Test	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-MaW29	Water	Bq/L	Cesium-134	27.20	30.0	21.0-39.0	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-MaW29	Water	Bq/L	Cesium-137	31.8	31.6	22.1-41.1	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-MaW29	Water	Bq/L	Cobalt-57	0	0.0	False Pos Test	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-MaW29	Water	Bq/L	Cobalt-60	23.60	23.6	16.51-30.65	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-MaW29	Water	Bq/L	Hydrogen-3	-3.5	0	False Pos Test	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-MaW29	Water	Bq/L	Iron-55	53.00	53.3	37.3-69.3	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-MaW29	Water	Bq/L	Manganese-54	-0.009	0.0	False Pos Test	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-MaW29	Water	Bq/L	Nickel-63	27.7	26.4	18.5-34.3	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-MaW29	Water	Bq/L	Plutonium-238	1.070	1.216	0.851-1.581	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-MaW29	Water	Bq/L	Plutonium-239/240	0.907	0.996	0.697-1.295	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-MaW29	Water	Bq/L	Potassium-40	0.339	0	False Pos Test	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-MaW29	Water	Bq/L	Strontium-90	6.65	7.22	5.05-9.39	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-MaW29	Water	Bq/L	Technetium-99	15.4	16.20	11.3-21.1	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-MaW29	Water	Bq/L	Uranium-234/233	0.065	0.07	Sens. Eval.	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-MaW29	Water	Bq/L	Uranium-238	0.031	0.034	Sens. Eval.	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-MaW29	Water	Bq/L	Zinc-65	36.500	34.60	24.2-45.0	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-MaW29	Water	Bq/L	Gross Alpha	0.793	0.701	0.201-1.192	Acceptable



MAPEP	4th/2013	11/12/13	MAPEP-13-MaV29	Water	Bq/L	Gross Beta	6.220	5.94	2.97-8.91	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-RdF29	Filter	ug/sample	Uranium-235	0.034	0.032	0.0227-0.0421	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-RdF29	Filter	ug/sample	Uranium-238	15.8	16.5	11.6-21.5	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-RdF29	Filter	ug/sample	Uranium-Total	15.80	16.5	11.6-21.5	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-RdF29	Filter	ug/sample	Americium-241	0.0002	0.000	False Pos Test	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-RdF29	Filter	Bq/sample	Cesium-134	-0.0016	0.00	False Pos Test	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-RdF29	Filter	Bq/sample	Cesium-137	3.010	2.70	1.9-3.5	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-RdF29	Filter	Bq/sample	Cobalt-57	3.530	3.40	2.4-4.4	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-RdF29	Filter	Bq/sample	Cobalt-60	2.440	2.30	1.6-3.0	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-RdF29	Filter	Bq/sample	Manganese-54	3.720	3.50	2.5-4.6	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-RdF29	Filter	Bq/sample	Plutonium-238	0.128	0.124	0.087-0.161	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-RdF29	Filter	Bq/sample	Plutonium-239/240	0.092	0.0920	0.064-0.12	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-RdF29	Filter	Bq/sample	Strontium-90	1.690	1.81	1.27-2.35	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-RdF29	Filter	Bq/sample	Uranium-234/233	0.027	0.0292	0.0204-0.038	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-RdF29	Filter	Bq/sample	Uranium-238	0.020	0.021	0.144-0.267	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-RdF29	Filter	Bq/sample	Zinc-65	3.050	2.70	1.9-3.5	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-RdV29	Vegetation	Bq/sample	Americium-241	0.226	0.19	0.135-0.251	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-RdV29	Vegetation	Bq/sample	Cesium-134	4.750	5.20	3.64-6.67	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-RdV29	Vegetation	Bq/sample	Cesium-137	6.910	6.60	4.62-8.58	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-RdV29	Vegetation	Bq/sample	Cobalt-57	-0.002	0.00	False Pos Test	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-RdV29	Vegetation	Bq/sample	Cobalt-60	0.008	0.00	False Pos Test	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-RdV29	Vegetation	Bq/sample	Manganese-54	7.980	7.88	5.52-10.24	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-RdV29	Vegetation	Bq/sample	Plutonium-238	0.001	0.001	Sens. Eval.	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-RdV29	Vegetation	Bq/sample	Plutonium-239/240	0.1510	0.171	0.120-0.222	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-RdV29	Vegetation	Bq/sample	Strontium-90	2.330	2.32	1.62-3.02	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-RdV29	Vegetation	Bq/sample	Uranium-234/233	0.046	0.047	0.0326-0.0606	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-RdV29	Vegetation	Bq/sample	Uranium-238	0.332	0.324	0.227-0.421	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-RdV29	Vegetation	Bq/sample	Zinc-65	2.850	2.63	1.84-3.42	Acceptable
MAPEP	4th/2013	11/12/13	MAPEP-13-XaV29	Water	Bq/L	Iodine-129	3.62	3.79	2.65-4.93	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Soil	pCi/kg	Actinium-228	1200	1240	795-1720	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Soil	pCi/kg	Americium-241	186	164	95.9-213	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Soil	pCi/kg	Bismuth-212	1760	1220	325-1790	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Soil	pCi/kg	Bismuth-214	4350	3740	2250-5380	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Soil	pCi/kg	Cesium-134	2690	2820	1840-3390	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Soil	pCi/kg	Cesium-137	3960	4130	3160-5310	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Soil	pCi/kg	Cobalt-60	5490	5680	3840-7820	Acceptable



ERA	4th/2013	11/26/13	MRAD-19	Soil	pCi/kg	Lead-212	1260	1220	799-1700	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Soil	pCi/kg	Lead-214	4700	3740	2180-5580	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Soil	pCi/kg	Manganese-54	<55.2	<1000	0-1000	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Soil	pCi/kg	Plutonium-238	576	658	396-908	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Soil	pCi/kg	Plutonium-239	400	397	260-548	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Soil	pCi/kg	Potassium-40	11200	12400	9080-16700	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Soil	pCi/kg	Strontium-90	8220	6860	2620-10800	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Soil	pCi/kg	Thorium-234	2870	3080	974-5790	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Soil	pCi/kg	Zinc-65	3400	3160	2520-4200	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Soil	pCi/kg	Uranium-234	2870	3080	974-5790	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Soil	pCi/kg	Uranium-238	2979	3080	1910-3910	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Soil	pCi/kg	Uranium-Total	6870	6320	3430-8340	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Soil	ug/kg	Uranium-Total(mass)	8460	9220	5080-11600	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Vegetation	pCi/kg	Americium-241	3800	3630	2220-4830	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Vegetation	pCi/kg	Cesium-134	907	859	552-1120	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Vegetation	pCi/kg	Cesium-137	1220	1030	747-1430	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Vegetation	pCi/kg	Cobalt-60	2100	1880	1300-2630	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Vegetation	pCi/kg	Curium-244	1230	1250	612-1950	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Vegetation	pCi/kg	Manganese-54	<53.3	<300	0-300	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Vegetation	pCi/kg	Plutonium-238	1280	1290	769-1770	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Vegetation	pCi/kg	Plutonium-239	2580	2770	1700-3810	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Vegetation	pCi/kg	Potassium-40	33600	33900	24500-47600	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Vegetation	pCi/kg	Strontium-90	5870	6360	3630-8430	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Vegetation	pCi/kg	Uranium-234	674	654	430-840	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Vegetation	pCi/kg	Uranium-234	1050	654	430-840	Not Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Vegetation	pCi/kg	Uranium-238	655	648	432-823	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Vegetation	pCi/kg	Uranium-Total	1364	1330	901-1660	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Vegetation	pCi/kg	Uranium-Total	1773	1330	901-1660	Not Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Vegetation	ug/kg	Uranium-Total(mass)	1960	1940	1300-2460	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Vegetation	pCi/kg	Zinc-65	1990	1540	1110-2160	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Filter	pCi/Filter	Americium-241	75.2	66.4	40.9-89.9	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Filter	pCi/Filter	Cesium-134	845	868.0	552-1080	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Filter	pCi/Filter	Cesium-137	641	602	452-791	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Filter	pCi/Filter	Cobalt-60	534	494	382-617	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Filter	pCi/Filter	Iron-55	466	389.0	121-760	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Filter	pCi/Filter	Manganese-54	<3.9	<50	0.00-50.0	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Filter	ug/Filter	Plutonium-238	72.8	68.5	46.9-90.1	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Filter	pCi/Filter	Plutonium-239	56.5	53.4	42.4-93.1	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Filter	pCi/Filter	Strontium-90	130	125	61.1-187	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Filter	pCi/Filter	Uranium-234	56	87	35.6-86.6	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Filter	pCi/Filter	Uranium-238	58	56.90	36.8-78.7	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Filter	pCi/Filter	Uranium-Total	116	117	64.8-178	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Filter	ug/Filter	Uranium-Total(mass)	172	171	109-241	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Filter	pCi/Filter	Zinc-65	514	419	300-578	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Filter	ug/Filter	Uranium-Total(mass)	169	171	109-241	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Filter	ug/Filter	Uranium-Total(mass)	150	171	109-241	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Filter	pCi/Filter	Gross Alpha	100	83	27.8-129	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Filter	pCi/Filter	Gross Beta	65.7	56.3	35.6-82.2	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Water	pCi/L	Americium-241	126	126	84.9-169	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Water	pCi/L	Cesium-134	2060.0	2180	1600-2510	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Water	pCi/L	Cesium-137	2730	2760	2340-3310	Acceptable



ERA	4th/2013	11/26/13	MRAD-19	Water	pCi/L	Cobalt-60	1960	1890	1640-2210	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Water	pCi/L	Iron-55	721	689	411-935	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Water	pCi/L	Manganese-54	<7.24	<100	0.00-100	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Water	pCi/L	Plutonium-238	133	138	102-172	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Water	pCi/L	Plutonium-239	98.7	109	84.6-137	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Water	pCi/L	Strontium-90	726	788	513-1040	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Water	pCi/L	Uranium-234	93	99	74.3-128	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Water	pCi/L	Uranium-238	93	98.00	74.7-120	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Water	pCi/L	Uranium-Total	186	201	148-260	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Water	ug/L	Uranium-Total(mass)	278	294	234-355	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Water	pCi/L	Zinc-65	1560	1370	1140-1730	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Water	pCi/L	Gross Alpha	105.0	97	34.3-150	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Water	pCi/L	Gross Beta	78.8	84.5	48.4-125	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Water	pCi/L	Tritium	8740	9150	6130-13000	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Water	pCi/L	Uranium-234	92.4	98.9	74.3-128	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Water	pCi/L	Uranium-238	96.1	98.0	74.7-120	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Water	pCi/L	Uranium-Total	193	201	148-260	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Water	ug/L	Uranium-Total(mass)	288	294	234-355	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Water	pCi/L	Uranium-234	95.2	98.9	74.3-128	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Water	pCi/L	Uranium-238	115	98.00	74.7-120	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Water	pCi/L	Uranium-Total	215	201	148-260	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Water	ug/L	Uranium-Total(mass)	344	294	234-355	Acceptable
ERA	4th/2013	11/26/13	MRAD-19	Water	ug/L	Uranium-Total(mass)	258	294	234-355	Acceptable



TABLE 2

2013 ECKERT & ZIEGLER ANALYTICS PERFORMANCE EVALUATION RESULTS

Report Date	Sample Number	Sample Media	Unit	Analyte / Nuclide	GEL Value	Known value	Acceptance Range/ Ratio	Evaluation
02/01/13	E10323	Cartridge	pCi	Iodine-131	7.31E+01	7.29E+01	1.00	Acceptable
02/01/13	E10324	Milk	pCi/L	Strontium-89	9.89E+00	1.38E+01	0.72	Acceptable
02/01/13	E10324	Milk	pCi/L	Strontium-90	9.83E+00	1.48E+01	1.02	Acceptable
02/01/13	E10325	Milk	pCi/L	Iodine-131	9.57E+01	9.00E+01	1.06	Acceptable
02/01/13	E10325	Milk	pCi/L	Chromium-51	3.67E+02	3.48E+02	1.06	Acceptable
02/01/13	E10325	Milk	pCi/L	Cesium-134	1.54E+02	1.65E+02	0.93	Acceptable
02/01/13	E10325	Milk	pCi/L	Cesium-137	1.18E+02	1.17E+02	1.01	Acceptable
02/01/13	E10325	Milk	pCi/L	Cobalt-58	9.85E+01	9.85E+01	1	Acceptable
02/01/13	E10325	Milk	pCi/L	Manganese-54	1.16E+02	1.16E+02	1	Acceptable
02/01/13	E10325	Milk	pCi/L	Iron-59	1.33E+02	1.16E+02	1.15	Acceptable
02/01/13	E10325	Milk	pCi/L	Zinc-65	3.19E+02	2.91E+02	1.09	Acceptable
02/01/13	E10325	Milk	pCi/L	Cobalt-60	1.73E+02	1.70E+02	1.02	Acceptable
02/01/13	E10325	Milk	pCi/L	Cesium-141	5.38E+01	5.10E+01	1.05	Acceptable
02/01/13	E10380	Water	pCi/L	Iodine-131	7.47E+01	7.25E+01	1.03	Acceptable
02/01/13	E10380	Water	pCi/L	Chromium-51	3.81E+02	3.62E+02	1.05	Acceptable
02/01/13	E10380	Water	pCi/L	Cesium-134	1.57E+02	1.73E+02	0.91	Acceptable
02/01/13	E10380	Water	pCi/L	Cesium-137	1.25E+02	1.22E+02	1.03	Acceptable
02/01/13	E10380	Water	pCi/L	Cobalt-58	1.02E+02	1.03E+02	0.99	Acceptable
02/01/13	E10380	Water	pCi/L	Manganese-54	1.28E+02	1.21E+02	1.06	Acceptable
02/01/13	E10380	Water	pCi/L	Iron-59	1.38E+02	1.21E+02	1.14	Acceptable
02/01/13	E10380	Water	pCi/L	Zinc-65	2.13E+02	1.94E+02	1.1	Acceptable
02/01/13	E10380	Water	pCi/L	Cobalt-60	1.80E+02	1.77E+02	1.01	Acceptable
04/25/13	E10469	Cartridge	pCi	Iodine-131	9.38E+01	9.27E+01	1.01	Acceptable
04/25/13	E10470	Milk	pCi/L	Strontium-89	1.07E+02	9.97E+01	1.07	Acceptable
04/25/13	E10470	Milk	pCi/L	Strontium-90	1.18E+01	1.10E+01	1.07	Acceptable
04/25/13	E10471	Milk	pCi/L	Iodine-131	1.12E+02	1.00E+02	1.12	Acceptable
04/25/13	E10471	Milk	pCi/L	Cerium-141	2.00E+01	1.87E+01	1.07	Acceptable
04/25/13	E10471	Milk	pCi/L	Cr-51	5.09E+01	4.72E+01	1.08	Acceptable
04/25/13	E10471	Milk	pCi/L	Cesium-134	2.06E+02	2.14E+02	0.96	Acceptable
04/25/13	E10471	Milk	pCi/L	Cesium-137	2.83E+02	2.66E+02	1.07	Acceptable
04/25/13	E10471	Milk	pCi/L	Cobalt-58	2.19E+02	2.08E+02	1.05	Acceptable
04/25/13	E10471	Milk	pCi/L	Mn-54	2.21E+02	2.08E+02	1.06	Acceptable
04/25/13	E10471	Milk	pCi/L	Iron-59	2.78E+02	2.52E+02	1.1	Acceptable
04/25/13	E10471	Milk	pCi/L	Zinc-65	3.39E+02	3.01E+02	1.13	Acceptable
04/25/13	E10471	Milk	pCi/L	Cobalt-60	4.02E+02	4.00E+02	1.01	Acceptable
04/25/13	E10472	Water	pCi/L	Iodine-131	1.12E+02	9.28E+01	1.21	Acceptable
04/25/13	E10472	Water	pCi/L	Cerium-141	1.88E+02	1.79E+02	1.05	Acceptable
04/25/13	E10472	Water	pCi/L	Cr-51	4.84E+02	4.52E+02	1.07	Acceptable



04/25/13	E10472	Water	pCi/L	Cesium-134	1.96E+02	2.05E+02	0.96	Acceptable
04/25/13	E10472	Water	pCi/L	Cesium-137	2.71E+02	2.54E+02	1.07	Acceptable
04/25/13	E10472	Water	pCi/L	Cobalt-58	2.03E+02	1.99E+02	1.02	Acceptable
04/25/13	E10472	Water	pCi/L	Mn-54	2.15E+02	1.99E+02	1.08	Acceptable
04/25/13	E10472	Water	pCi/L	Iron-59	2.67E+02	2.41E+02	1.11	Acceptable
04/25/13	E10472	Water	pCi/L	Zinc-65	3.14E+02	2.88E+02	1.09	Acceptable
04/25/13	E10472	Water	pCi/L	Cobalt-60	3.92E+02	3.83E+02	1.02	Acceptable
08/02/13	E10577	Cartridge	pCi	Iodine-131	9.16E+01	9.55E+01	1.02	Acceptable
08/02/13	E10578	Milk	pCi/L	Strontium-89	9.27E+01	9.04E+01	0.98	Acceptable
08/02/13	E10578	Milk	pCi/L	Strontium-90	1.20E+01	1.70E+01	0.7	Acceptable
08/02/13	E10579	Milk	pCi/L	Iodine-131	9.86E+01	9.55E+01	1.03	Acceptable
08/02/13	E10579	Milk	pCi/L	Cerium-141	9.44E+01	9.04E+01	1.04	Acceptable
08/02/13	E10579	Milk	pCi/L	Chromium-51	2.58E+02	2.50E+02	1.03	Acceptable
08/02/13	E10579	Milk	pCi/L	Cesium-134	1.21E+02	1.25E+02	0.97	Acceptable
08/02/13	E10579	Milk	pCi/L	Cesium-137	1.49E+02	1.51E+02	0.99	Acceptable
08/02/13	E10579	Milk	pCi/L	Cobalt-58	9.44E+01	9.40E+01	1.00	Acceptable
08/02/13	E10579	Milk	pCi/L	Manganese-54	1.80E+02	1.72E+02	1.05	Acceptable
08/02/13	E10579	Milk	pCi/L	Iron-59	1.36E+02	1.20E+02	1.14	Acceptable
08/02/13	E10579	Milk	pCi/L	Zinc-65	2.39E+02	2.17E+02	1.10	Acceptable
08/02/13	E10579	Milk	pCi/L	Cobalt-60	1.77E+01	1.75E+02	1.01	Acceptable
08/02/13	E10178	Water	pCi/L	Iodine-131	9.33E+01	9.54E+01	0.98	Acceptable
08/02/13	E10178	Water	pCi/L	Cerium-141	1.15E+02	1.10E+02	1.04	Acceptable
08/02/13	E10178	Water	pCi/L	Chromium-51	3.40E+02	3.06E+02	1.11	Acceptable
08/02/13	E10178	Water	pCi/L	Cesium-134	1.48E+02	1.53E+02	0.97	Acceptable
08/02/13	E10178	Water	pCi/L	Cesium-137	1.83E+02	1.84E+02	0.99	Acceptable
08/02/13	E10178	Water	pCi/L	Cobalt-58	1.13E+02	1.15E+02	0.99	Acceptable
08/02/13	E10178	Water	pCi/L	Manganese-54	2.09E+02	2.10E+02	1.00	Acceptable
08/02/13	E10178	Water	pCi/L	Iron-59	1.51E+02	1.46E+02	1.03	Acceptable
08/02/13	E10178	Water	pCi/L	Zinc-65	2.86E+02	2.65E+02	1.08	Acceptable
08/02/13	E10178	Water	pCi/L	Cobalt-60	2.25E+02	2.14E+02	1.05	Acceptable
10/25/13	E10625	Cartridge	pCi	Iodine-131	8.57E+01	7.96E+01	1.08	Acceptable
10/25/13	E10626	Milk	pCi/L	Strontium-89	9.33E+01	9.60E+01	0.97	Acceptable
10/25/13	E10626	Milk	pCi/L	Strontium-90	1.09E+01	1.32E+01	0.83	Acceptable
10/25/13	E10627	Milk	pCi/L	Iodine-131	1.00E+02	9.83E+01	1.02	Acceptable
10/25/13	E10627	Milk	pCi/L	Chromium-51	3.09E+02	2.77E+02	1.11	Acceptable
10/25/13	E10627	Milk	pCi/L	Cesium-134	1.46E+02	1.72E+02	0.85	Acceptable
10/25/13	E10627	Milk	pCi/L	Cesium-137	1.33E+02	1.31E+02	1.02	Acceptable
10/25/13	E10627	Milk	pCi/L	Cobalt-58	1.04E+02	1.08E+02	0.97	Acceptable
10/25/13	E10627	Milk	pCi/L	Manganese-54	1.44E+02	1.39E+02	1.04	Acceptable
10/25/13	E10627	Milk	pCi/L	Iron-59	1.43E+02	1.30E+02	1.1	Acceptable
10/25/13	E10627	Milk	pCi/L	Zinc-65	2.86E+02	2.66E+02	1.07	Acceptable
10/25/13	E10627	Milk	pCi/L	Cobalt-60	2.01E+02	1.96E+02	1.03	Acceptable
10/25/13	E10628	Water	pCi/L	Iodine-131	1.01E+02	9.79E+01	1.03	Acceptable
10/25/13	E10628	Water	pCi/L	Chromium-51	2.80E+02	2.51E+02	1.12	Acceptable



10/25/13	E10628	Water	pCi/L	Cesium-134	1.42E+02	1.56E+02	0.91	Acceptable
10/25/13	E10628	Water	pCi/L	Cesium-137	1.19E+02	1.18E+02	1.01	Acceptable
10/25/13	E10628	Water	pCi/L	Cobalt-58	9.80E+01	9.73E+01	1.01	Acceptable
10/25/13	E10628	Water	pCi/L	Manganese-54	1.29E+02	1.25E+02	1.05	Acceptable
10/25/13	E10628	Water	pCi/L	Iron-59	1.23E+02	1.18E+02	1.04	Acceptable
10/25/13	E10628	Water	pCi/L	Zinc-65	2.62E+02	2.41E+02	1.09	Acceptable
10/25/13	E10628	Water	pCi/L	Cobalt-60	1.87E+02	1.77E+02	1.06	Acceptable



TABLE 3

2013 DEPARTMENT OF ENERGY MIXED ANALYTE PERFORMANCE EVALUATION PROGRAM (MAPEP) RESULTS

Report Date	Sample Number	Sample Media	Unit	Analyte / Nuclide	GEL Value	Known value	Acceptance Range/ Ratio	Evaluation
02/27/13	GENE01-27-RdFR1	Filter	Bq/sample	U-234/233	0.0143	0.0155	0.0109-0.0202	Acceptable
02/27/13	GENE01-27-RdFR1	Filter	Bq/sample	Uranium-238	0.0999	0.098	0.069-0.127	Acceptable
05/13/13	MAPEP-13-GrF28	Filter	Bq/sample	Gross Alpha	0.656	1.20	0.36-2.04	Acceptable
05/13/13	MAPEP-13-GrF28	Filter	Bq/sample	Gross Beta	0.954	0.85	0.43-1.28	Acceptable
05/13/13	MAPEP-13-MaS28	Soil	mg/kg	Americium-241	118	113	79-147	Acceptable
05/13/13	MAPEP-13-MaS28	Soil	mg/kg	Cesium-134	829	887	621-1153	Acceptable
05/13/13	MAPEP-13-MaS28	Soil	mg/kg	Cesium-137	623	587	411-763	Acceptable
05/13/13	MAPEP-13-MaS28	Soil	mg/kg	Cobalt-57	1.04	0	False Pos Test	Acceptable
05/13/13	MAPEP-13-MaS28	Soil	mg/kg	Cobalt-60	737	691	484-898	Acceptable
05/13/13	MAPEP-13-MaS28	Soil	mg/kg	Iron-55	-0.380	0	False Pos Test	Acceptable
05/13/13	MAPEP-13-MaS28	Soil	mg/kg	Manganese-54	0.760	0	False Pos Test	Acceptable
05/13/13	MAPEP-13-MaS28	Soil	mg/kg	Nickel-63	719	670	469-871	Acceptable
05/13/13	MAPEP-13-MaS28	Soil	mg/kg	Plutonium-238	0.571	0.52	Sens. Eval.	Acceptable
05/13/13	MAPEP-13-MaS28	Soil	mg/kg	Plutonium-239/240	77.70	79.5	55.7-103.4	Acceptable
05/13/13	MAPEP-13-MaS28	Soil	mg/kg	Potassium-40	713	625	438-813	Acceptable
05/13/13	MAPEP-13-MaS28	Soil	mg/kg	Strontium-90	693.0	628	440-816	Acceptable
05/13/13	MAPEP-13-MaS28	Soil	mg/kg	Technetium-99	419.0	444	311-577	Acceptable
05/13/13	MAPEP-13-MaS28	Soil	mg/kg	U-234/233	60.0	62.5	43.8-81.3	Acceptable
05/13/13	MAPEP-13-MaS28	Soil	mg/kg	Uranium-238	274	281	197-365	Acceptable
05/13/13	MAPEP-13-MaS28	Soil	mg/kg	Zinc-65	1130	995	697-1294	Acceptable
05/13/13	MAPEP-13-MaW28	Water	Bq/L	Am-241	0.690	0.689	0.428-0.896	Acceptable
05/13/13	MAPEP-13-MaW28	Water	Bq/L	Cesium-134	21.1	24.4	17.1-31.7	Acceptable
05/13/13	MAPEP-13-MaW28	Water	Bq/L	Cesium-137	0.10	0.0	False Pos Test	Acceptable
05/13/13	MAPEP-13-MaW28	Water	Bq/L	Cobalt-57	31.0	30.9	21.6-40.2	Acceptable
05/13/13	MAPEP-13-MaW28	Water	Bq/L	Cobalt-60	19.4	19.6	13.7-25.4	Acceptable
05/13/13	MAPEP-13-MaW28	Water	Bq/L	Hydrogen-3	517	507	355-659	Acceptable
05/13/13	MAPEP-13-MaW28	Water	Bq/L	Iron-55	39.7	44.0	30.8-57.2	Acceptable
05/13/13	MAPEP-13-MaW28	Water	Bq/L	Manganese-54	28.0	27.4	19.2-35.6	Acceptable
05/13/13	MAPEP-13-MaW28	Water	Bq/L	Nickel-63	32.9	33.4	23.4-43.4	Acceptable
05/13/13	MAPEP-13-MaW28	Water	Bq/L	Plutonium-238	0.825	0.884	0.619-1.149	Acceptable
05/13/13	MAPEP-13-MaW28	Water	Bq/L	Pu-239/240	0.0162	0.0096	Sens. Eval.	Acceptable
05/13/13	MAPEP-13-MaW28	Water	Bq/L	Potassium-40	-0.471	0	False Pos Test	Acceptable
05/13/13	MAPEP-13-MaW28	Water	Bq/L	Strontium-90	12.5	10.5	7.4-13.7	Acceptable
05/13/13	MAPEP-13-MaW28	Water	Bq/L	Technetium-99	12.9	13.1	9.2-17.0	Acceptable
05/13/13	MAPEP-13-MaW28	Water	Bq/L	U-234/233	0.289	0.315	0.221-0.410	Acceptable
05/13/13	MAPEP-13-MaW28	Water	Bq/L	Uranium-238	1.81	1.95	1.37-2.54	Acceptable
05/13/13	MAPEP-13-MaW28	Water	Bq/L	Zinc-65	32.8	30.4	21.3-39.5	Acceptable



05/13/13	MAPEP-13-GrW28	Water	Bq/L	Gross Alpha	2.60	2.31	0.69-3.93	Acceptable
05/13/13	MAPEP-13-GrW28	Water	Bq/L	Gross Beta	14.2	13.0	6.5-19.5	Acceptable
05/13/13	MAPEP-13-XaW28	Water	Bq/L	Iodine-129	5.94	6.06	4.24-7.88	Acceptable
05/13/13	MAPEP-13-RdF28	Filter	ug/sample	Uranium-235	0.036	0.036	0.025-0.047	Acceptable
05/13/13	MAPEP-13-RdF28	Filter	ug/sample	Uranium-238	18.0	18.6	13.0-24.2	Acceptable
05/13/13	MAPEP-13-RdF28	Filter	ug/sample	Uranium-Total	17.7	18.6	13.0-24.2	Acceptable
05/13/13	MAPEP-13-RdF28	Filter	ug/sample	Americium-241	0.106	0.104	0.073-0.135	Acceptable
05/13/13	MAPEP-13-RdF28	Filter	Bq/sample	Cesium-134	1.75	1.78	1.25-2.31	Acceptable
05/13/13	MAPEP-13-RdF28	Filter	Bq/sample	Cesium-137	2.71	2.60	1.82-3.38	Acceptable
05/13/13	MAPEP-13-RdF28	Filter	Bq/sample	Cobalt-57	2.51	2.36	1.65-3.07	Acceptable
05/13/13	MAPEP-13-RdF28	Filter	Bq/sample	Cobalt-60	0.005	0.00	False Pos Test	Acceptable
05/13/13	MAPEP-13-RdF28	Filter	Bq/sample	Manganese-54	4.43	4.26	2.98-5.54	Acceptable
05/13/13	MAPEP-13-RdF28	Filter	Bq/sample	Plutonium-238	0.124	0.127	0.089-0.165	Acceptable
05/13/13	MAPEP-13-RdF28	Filter	Bq/sample	Pu-239/240	0.118	0.1210	0.085-0.157	Acceptable
05/13/13	MAPEP-13-RdF28	Filter	Bq/sample	Strontium-90	1.54	1.49	1.04-1.94	Acceptable
05/13/13	MAPEP-13-RdF28	Filter	Bq/sample	U-234/233	0.0342	0.0318	0.0223-0.0413	Acceptable
05/13/13	MAPEP-13-RdF28	Filter	Bq/sample	Uranium-238	0.230	0.231	0.162-0.300	Acceptable
05/13/13	MAPEP-13-RdF28	Filter	Bq/sample	Zinc-65	3.38	3.13	2.19-4.07	Acceptable
05/13/13	MAPEP-13-GrF28	Filter	Bq/sample	Gross Alpha	0.656	1.20	0.36-2.04	Acceptable
05/13/13	MAPEP-13-GrF28	Filter	Bq/sample	Gross Beta	0.95	0.85	0.43-1.28	Acceptable
05/13/13	MAPEP-13-RdF28	Filter	Bq/sample	Americium-241	0.106	0.104	0.073-0.135	Acceptable
05/13/13	MAPEP-13-RdV28	Vegetation	ug/sample	Uranium-235	0.0029	0.001	0.0009-0.0017	Not Accept.
05/13/13	MAPEP-13-RdV28	Vegetation	ug/sample	Uranium-238	0.419	0.180	0.13-0.23	Not Accept.
05/13/13	MAPEP-13-RdV28	Vegetation	ug/sample	Uranium-Total	0.4219	0.180	0.13-0.23	Not Accept.
05/13/13	MAPEP-13-RdV28	Vegetation	ug/sample	Americium-241	0.1350	0.140	0.098-0.182	Acceptable
05/13/13	MAPEP-13-RdV28	Vegetation	Bq/sample	Cesium-134	0.0525	0.00	False Pos Test	Acceptable
05/13/13	MAPEP-13-RdV28	Vegetation	Bq/sample	Cesium-137	7.13	6.87	4.81-8.93	Acceptable
05/13/13	MAPEP-13-RdV28	Vegetation	Bq/sample	Cobalt-57	8.86	8.68	6.08-11.28	Acceptable
05/13/13	MAPEP-13-RdV28	Vegetation	Bq/sample	Cobalt-60	6.07	5.85	4.10-7.61	Acceptable
05/13/13	MAPEP-13-RdV28	Vegetation	Bq/sample	Manganese-54	-0.002	0.00	False Pos Test	Acceptable
05/13/13	MAPEP-13-RdV28	Vegetation	Bq/sample	Plutonium-238	0.110	0.110	0.077-0.143	Acceptable
05/13/13	MAPEP-13-RdV28	Vegetation	Bq/sample	Pu-239/240	0.113	0.123	0.086-0.160	Acceptable
05/13/13	MAPEP-13-RdV28	Vegetation	Bq/sample	Strontium-90	1.358	1.64	1.15-2.13	Acceptable
05/13/13	MAPEP-13-RdV28	Vegetation	Bq/sample	U-234/233	0.0081	0.0038	Sens. Eval.	Not Accept.
05/13/13	MAPEP-13-RdV28	Vegetation	Bq/sample	Uranium-238	0.00489	0.002	Sens. Eval.	Not Accept.
05/13/13	MAPEP-13-RdV28	Vegetation	Bq/sample	Zinc-65	6.59	6.25	4.38-8.13	Acceptable
11/12/13	MAPEP-13-GrF29	Filter	Bq/sample	Gross Alpha	1.090	0.900	0.3-1.5	Acceptable
11/12/13	MAPEP-13-GrF29	Filter	Bq/sample	Gross Beta	1.730	1.630	0.82-2.45	Acceptable
11/12/13	MAPEP-13-MaS29	Soil	mg/kg	Americium-241	0.00	0	False Pos Test	Acceptable
11/12/13	MAPEP-13-MaS29	Soil	mg/kg	Cesium-134	1090	1172	820-1524	Acceptable
11/12/13	MAPEP-13-MaS29	Soil	mg/kg	Cesium-137	1010	977	684-1270	Acceptable
11/12/13	MAPEP-13-MaS29	Soil	mg/kg	Cobalt-57	0.0	0	False Pos Test	Acceptable
11/12/13	MAPEP-13-MaS29	Soil	mg/kg	Cobalt-60	462.00	451.00	316-586	Acceptable
11/12/13	MAPEP-13-MaS29	Soil	mg/kg	Iron-55	887	820	574-1066	Acceptable



11/12/13	MAPEP-13-MaS29	Soil	mg/kg	Manganese-54	692	674	472-876	Acceptable
11/12/13	MAPEP-13-MaS29	Soil	mg/kg	Nickel-63	525.0	571	400-742	Acceptable
11/12/13	MAPEP-13-MaS29	Soil	mg/kg	Plutonium-238	60.8	62	43.1-80.0	Acceptable
11/12/13	MAPEP-13-MaS29	Soil	mg/kg	Plutonium-239/240	1.33	0.4	Sens. Eval.	Acceptable
11/12/13	MAPEP-13-MaS29	Soil	mg/kg	Potassium-40	638	633	443-823	Acceptable
11/12/13	MAPEP-13-MaS29	Soil	mg/kg	Strontium-90	458.0	460	322-598	Acceptable
11/12/13	MAPEP-13-MaS29	Soil	mg/kg	Technetium-99	0.0	0	False Pos Test	Acceptable
11/12/13	MAPEP-13-MaS29	Soil	mg/kg	U-234/233	26.1	30	21.0-39.0	Acceptable
11/12/13	MAPEP-13-MaS29	Soil	mg/kg	Uranium-238	30.0	34	23.8-44.2	Acceptable
11/12/13	MAPEP-13-MaS29	Soil	mg/kg	Zinc-65	0.0	0	False Pos Test	Acceptable
11/12/13	MAPEP-13-MaW29	Water	Bq/L	Americium-241	0.0001	0.000	False Pos Test	Acceptable
11/12/13	MAPEP-13-MaW29	Water	Bq/L	Cesium-134	27.20	30.0	21.0-39.0	Acceptable
11/12/13	MAPEP-13-MaW29	Water	Bq/L	Cesium-137	31.8	31.6	22.1-41.1	Acceptable
11/12/13	MAPEP-13-MaW29	Water	Bq/L	Cobalt-57	0	0.0	False Pos Test	Acceptable
11/12/13	MAPEP-13-MaW29	Water	Bq/L	Cobalt-60	23.60	23.6	16.51-30.65	Acceptable
11/12/13	MAPEP-13-MaW29	Water	Bq/L	Hydrogen-3	-3.5	0	False Pos Test	Acceptable
11/12/13	MAPEP-13-MaW29	Water	Bq/L	Iron-55	53.00	53.3	37.3-69.3	Acceptable
11/12/13	MAPEP-13-MaW29	Water	Bq/L	Manganese-54	-0.009	0.0	False Pos Test	Acceptable
11/12/13	MAPEP-13-MaW29	Water	Bq/L	Nickel-63	27.7	26.4	18.5-34.3	Acceptable
11/12/13	MAPEP-13-MaW29	Water	Bq/L	Plutonium-238	1.070	1.216	0.851-1.581	Acceptable
11/12/13	MAPEP-13-MaW29	Water	Bq/L	Plutonium-239/240	0.907	0.996	0.697-1.295	Acceptable
11/12/13	MAPEP-13-MaW29	Water	Bq/L	Potassium-40	0.339	0	False Pos Test	Acceptable
11/12/13	MAPEP-13-MaW29	Water	Bq/L	Strontium-90	6.65	7.22	5.05-9.39	Acceptable
11/12/13	MAPEP-13-MaW29	Water	Bq/L	Technetium-99	15.4	16.20	11.3-21.1	Acceptable
11/12/13	MAPEP-13-MaW29	Water	Bq/L	Uranium-234/233	0.065	0.07	Sens. Eval.	Acceptable
11/12/13	MAPEP-13-MaW29	Water	Bq/L	Uranium-238	0.031	0.034	Sens. Eval.	Acceptable
11/12/13	MAPEP-13-MaW29	Water	Bq/L	Zinc-65	36.500	34.60	24.2-45.0	Acceptable
11/12/13	MAPEP-13-MaW29	Water	Bq/L	Gross Alpha	0.793	0.701	0.201-1.192	Acceptable
11/12/13	MAPEP-13-MaW29	Water	Bq/L	Gross Beta	6.220	5.94	2.97-8.91	Acceptable
11/12/13	MAPEP-13-RdF29	Filter	ug/sample	Uranium-235	0.034	0.032	0.0227-0.0421	Acceptable
11/12/13	MAPEP-13-RdF29	Filter	ug/sample	Uranium-238	15.8	16.5	11.6-21.5	Acceptable
11/12/13	MAPEP-13-RdF29	Filter	ug/sample	Uranium-Total	15.80	16.5	11.6-21.5	Acceptable
11/12/13	MAPEP-13-RdF29	Filter	ug/sample	Americium-241	0.0002	0.000	False Pos Test	Acceptable
11/12/13	MAPEP-13-RdF29	Filter	Bq/sample	Cesium-134	-0.0016	0.00	False Pos Test	Acceptable
11/12/13	MAPEP-13-RdF29	Filter	Bq/sample	Cesium-137	3.010	2.70	1.9-3.5	Acceptable
11/12/13	MAPEP-13-RdF29	Filter	Bq/sample	Cobalt-57	3.530	3.40	2.4-4.4	Acceptable
11/12/13	MAPEP-13-RdF29	Filter	Bq/sample	Cobalt-60	2.440	2.30	1.6-3.0	Acceptable
11/12/13	MAPEP-13-RdF29	Filter	Bq/sample	Manganese-54	3.720	3.50	2.5-4.6	Acceptable
11/12/13	MAPEP-13-RdF29	Filter	Bq/sample	Plutonium-238	0.128	0.124	0.087-0.161	Acceptable
11/12/13	MAPEP-13-RdF29	Filter	Bq/sample	Plutonium-239/240	0.092	0.0920	0.064-0.12	Acceptable
11/12/13	MAPEP-13-RdF29	Filter	Bq/sample	Strontium-90	1.690	1.81	1.27-2.35	Acceptable



TABLE 4
2013 ERA PROGRAM PERFORMANCE EVALUATION RESULTS

Report Date	Sample Number	Sample Media	Unit	Analyte / Nuclide	GEL Value	Known value	Acceptance Range/ Ratio	Evaluation
02/28/13	RAD - 92	Water	pCi/L	Barium-133	55.4	54.4	44.9-60.2	Acceptable
02/28/13	RAD - 92	Water	pCi/L	Cesium-134	27.2	29.9	23.4-32.9	Acceptable
02/28/13	RAD - 92	Water	pCi/L	Cesium-137	74.3	75.3	67.8-85.5	Acceptable
02/28/13	RAD - 92	Water	pCi/L	Cobalt-60	89.0	97.7	87.9-110	Acceptable
02/28/13	RAD - 92	Water	pCi/L	Zinc-65	126	114	103-136	Acceptable
02/28/13	RAD - 92	Water	pCi/L	Gross Alpha	26.0	24.8	12.5-33.0	Acceptable
02/28/13	RAD - 92	Water	pCi/L	Gross Beta	19.4	19.3	11.3-27.5	Acceptable
02/28/13	RAD - 92	Water	pCi/L	Gross Alpha	31.4	24.8	12.5-33.0	Acceptable
02/28/13	RAD - 92	Water	pCi/L	Radium-226	10.4	9.91	7.42-11.6	Acceptable
02/28/13	RAD - 92	Water	pCi/L	Radium-228	4.84	5.22	3.14-6.96	Acceptable
02/28/13	RAD - 92	Water	pCi/L	Uranium (Nat)	6.43	5.96	4.47-7.13	Acceptable
02/28/13	RAD - 92	Water	ug/L	Uranium (Nat) mass	9.59	8.69	6.50-10.4	Acceptable
02/28/13	RAD - 92	Water	pCi/L	Radium-226	11.60	9.91	7.42-11.6	Acceptable
02/28/13	RAD - 92	Water	pCi/L	Radium-228	5.13	5.22	3.14-6.96	Acceptable
02/28/13	RAD - 92	Water	pCi/L	Uranium (Nat)	5.95	5.96	4.47-7.13	Acceptable
02/28/13	RAD - 92	Water	ug/L	Uranium (Nat) mass	9.95	8.69	6.50-10.4	Acceptable
02/28/13	RAD - 92	Water	pCi/L	Tritium	1430	1320	1040-1480	Acceptable
02/28/13	RAD - 92	Water	pCi/L	Strontium-89	47.5	48	37.6-55.3	Acceptable
02/28/13	RAD - 92	Water	pCi/L	Strontium-90	35.9	39.8	29.2-45.8	Acceptable
02/28/13	RAD - 92	Water	pCi/L	Strontium-89	42.9	48	37.6-55.3	Acceptable
02/28/13	RAD - 92	Water	pCi/L	Strontium-90	34.6	39.8	29.2-45.8	Acceptable
02/28/13	RAD - 92	Water	pCi/L	Iodine-131	23.6	22.7	18.8-27.0	Acceptable
02/28/13	RAD - 92	Water	pCi/L	Iodine-131	27	22.7	18.8-27.0	Acceptable
08/22/13	RAD - 94	Water	pCi/L	Barium-133	76.4	740.5	62.4-82.0	Acceptable
08/22/13	RAD - 94	Water	pCi/L	Cesium-134	68.7	72.4	59.1-79.6	Acceptable
08/22/13	RAD - 94	Water	pCi/L	Cesium-137	154	155	140-172	Acceptable
08/22/13	RAD - 94	Water	pCi/L	Cobalt-60	85.3	82.3	74.1-92.9	Acceptable
08/22/13	RAD - 94	Water	pCi/L	Zinc-65	297	260	234-304	Acceptable
08/22/13	RAD - 94	Water	pCi/L	Gross Alpha	74.3	57.1	29.8-71.2	Not Acceptable
08/22/13	RAD - 94	Water	pCi/L	Gross Beta	34.3	41.8	27.9-49.2	Acceptable
08/22/13	RAD - 94	Water	pCi/L	Gross Alpha	67.7	57.1	29.8-71.2	Acceptable
08/22/13	RAD - 94	Water	pCi/L	Radium-226	16.9	17.2	12.8-19.7	Acceptable
08/22/13	RAD - 94	Water	pCi/L	Radium-226	17	17.2	12.8-19.7	Acceptable
08/22/13	RAD - 94	Water	pCi/L	Radium-228	3.53	3.86	2.18-5.4	Acceptable
08/22/13	RAD - 94	Water	pCi/L	Uranium (Nat)	20.4	21.4	17.1-24.1	Acceptable
08/22/13	RAD - 94	Water	ug/L	Uranium (Nat) mass	30.4	31.2	25.0-35.2	Acceptable
08/22/13	RAD - 94	Water	pCi/L	Radium-226	14.6	17.2	12.8-19.7	Acceptable
08/22/13	RAD - 94	Water	pCi/L	Uranium (Nat)	21.6	21.4	17.1-24.1	Acceptable
08/22/13	RAD - 94	Water	ug/L	Uranium (Nat) mass	33.7	31.2	25-35.2	Acceptable
08/22/13	RAD - 94	Water	pCi/L	Tritium	12500	13300	11600-14600	Acceptable



08/22/13	RAD - 94	Water	pCi/L	Strontium-89	48.9	36.5	27.4-43.4	Not Acceptable
08/22/13	RAD - 94	Water	pCi/L	Strontium-90	14.3	19.8	14.1-23.4	Acceptable
08/22/13	RAD - 94	Water	pCi/L	Strontium-89	44.3	36.5	27.4-43.4	Not Acceptable
08/22/13	RAD - 94	Water	pCi/L	Strontium-90	17.3	19.8	14.1-23.4	Acceptable
08/22/13	RAD - 94	Water	pCi/L	Iodine-131	26.1	24.3	20.2-28.8	Acceptable
08/22/13	RAD - 94	Water	pCi/L	Iodine-131	23.3	24.3	20.2-28.8	Acceptable



TABLE 5
2013 ERA PROGRAM (MRAD) PERFORMANCE EVALUATION RESULTS

Report Date	Sample Number	Sample Media	Unit	Analyte / Nuclide	GEL Value	Known value	Acceptance Range/ Ratio	Evaluation
05/22/13	MRAD-18	Soil	pCi/kg	Actinium-228	1500	1240	795-1720	Acceptable
05/22/13	MRAD-18	Soil	pCi/kg	Americium-241	225	229	134-297	Acceptable
05/22/13	MRAD-18	Soil	pCi/kg	Bismuth-212	1250	1240	330-1820	Acceptable
05/22/13	MRAD-18	Soil	pCi/kg	Bismuth-214	4410	3660	2200-5270	Acceptable
05/22/13	MRAD-18	Soil	pCi/kg	Cesium-134	7850	6370	4160-7650	Not Accept.
05/22/13	MRAD-18	Soil	pCi/kg	Cesium-137	8070	6120	4690-7870	Not Accept.
05/22/13	MRAD-18	Soil	pCi/kg	Cobalt-60	10300	7920	5360-10900	Acceptable
05/22/13	MRAD-18	Soil	pCi/kg	Lead-212	1290	1240	812-1730	Acceptable
05/22/13	MRAD-18	Soil	pCi/kg	Lead-214	4690	3660	2140-5460	Acceptable
05/22/13	MRAD-18	Soil	pCi/kg	Manganese-54	<63.4	<1000	0-1000	Acceptable
05/22/13	MRAD-18	Soil	pCi/kg	Plutonium-238	651	788.00	474-1090	Acceptable
05/22/13	MRAD-18	Soil	pCi/kg	Plutonium-239	320	366.00	239-506	Acceptable
05/22/13	MRAD-18	Soil	pCi/kg	Potassium-40	10300	10300	7520-13800	Acceptable
05/22/13	MRAD-18	Soil	pCi/kg	Strontium-90	6730	8530	3250-13500	Acceptable
05/22/13	MRAD-18	Soil	pCi/kg	Thorium-234	3290	1900	601-3570	Acceptable
05/22/13	MRAD-18	Soil	pCi/kg	Zinc-65	1910	1400	1110-1860	Not Accept.
05/22/13	MRAD-18	Soil	pCi/kg	Strontium-90	6730	8530	3250-13500	Acceptable
05/22/13	MRAD-18	Soil	pCi/kg	Uranium-234	1210	1920	1170-2460	Acceptable
05/22/13	MRAD-18	Soil	pCi/kg	Uranium-238	1630	1900	1180-2410	Acceptable
05/22/13	MRAD-18	Soil	pCi/kg	Uranium-Total	2840	3920	2130-5170	Acceptable
05/22/13	MRAD-18	Soil	ug/kg	Uranium-Total(mass)	4150	5710	3150-7180	Acceptable
05/22/13	MRAD-18	Vegetation	pCi/kg	Am-241	629	553	338-735	Acceptable
05/22/13	MRAD-18	Vegetation	pCi/kg	Cesium-134	1400	1240	797-1610	Acceptable
05/22/13	MRAD-18	Vegetation	pCi/kg	Cesium-137	687	544	394-757	Acceptable
05/22/13	MRAD-18	Vegetation	pCi/kg	Cobalt-60	2410	1920	1320-2680	Acceptable
05/22/13	MRAD-18	Vegetation	pCi/kg	Curium-244	1420	1340	657-2090	Acceptable
05/22/13	MRAD-18	Vegetation	pCi/kg	Manganese-54	<47.4	<300	0.00-300	Acceptable
05/22/13	MRAD-18	Vegetation	pCi/kg	Plutonium-238	2060	1980	1180-2710	Acceptable
05/22/13	MRAD-18	Vegetation	pCi/kg	Plutonium-239	2230	2260	1390-3110	Acceptable
05/22/13	MRAD-18	Vegetation	pCi/kg	Potassium-40	35600	31900	23000-44800	Acceptable
05/22/13	MRAD-18	Vegetation	pCi/kg	Strontium-90	3720	3840	2190-5090	Acceptable
05/22/13	MRAD-18	Vegetation	pCi/kg	Uranium-234	2650	2460	1620-3160	Acceptable
05/22/13	MRAD-18	Vegetation	pCi/kg	Uranium-238	2580	2440	1630-3100	Acceptable
05/22/13	MRAD-18	Vegetation	pCi/kg	Uranium-Total	5361	5010	3390-6230	Acceptable
05/22/13	MRAD-18	Vegetation	ug/kg	Uranium-Total(mass)	7740	7310	4900-9280	Acceptable
05/22/13	MRAD-18	Vegetation	pCi/kg	Zinc-65	1150	878	633-1230	Acceptable
05/22/13	MRAD-18	Filter	pCi/Filter	Americium-241	62.9	66.8	41.2-90.4	Acceptable
05/22/13	MRAD-18	Filter	pCi/Filter	Cesium-134	1080	1110	706-1380	Acceptable
05/22/13	MRAD-18	Filter	pCi/Filter	Cesium-137	971	940	706-1230	Acceptable
05/22/13	MRAD-18	Filter	pCi/Filter	Cobalt-60	217	214	166-267	Acceptable
05/22/13	MRAD-18	Filter	pCi/Filter	Iron-55	224	225	69.8-440	Acceptable
05/22/13	MRAD-18	Filter	pCi/Filter	Manganese-54	<5.27	<50.0	0-50.0	Acceptable



05/22/13	MRAD-18	Filter	pCi/Filter	Plutonium-238	48.0	50.1	34.3-65.9	Acceptable
05/22/13	MRAD-18	Filter	pCi/Filter	Plutonium-239	62.7	65.2	47.2-85.2	Acceptable
05/22/13	MRAD-18	Filter	pCi/Filter	Strontium-90	139	138	67.4-207	Acceptable
05/22/13	MRAD-18	Filter	pCi/Filter	Uranium-234	54.5	59.4	36.8-89.6	Acceptable
05/22/13	MRAD-18	Filter	pCi/Filter	Uranium-238	58.5	58.9	38.1-81.4	Acceptable
05/22/13	MRAD-18	Filter	pCi/Filter	Uranium-Total	117	121	67.0-184	Acceptable
05/22/13	MRAD-18	Filter	ug/Filter	Uranium-Total(mass)	176	176	113-248	Acceptable
05/22/13	MRAD-18	Filter	pCi/Filter	Zinc-65	222	199	142-275	Acceptable
05/22/13	MRAD-18	Filter	pCi/Filter	Gross Alpha	55.5	42.3	14.2-65.7	Acceptable
05/22/13	MRAD-18	Filter	pCi/Filter	Gross Beta	31	25.1	15.9-36.6	Acceptable
05/22/13	MRAD-18	Water	pCi/L	Americium-241	118	118	79.5-158	Acceptable
05/22/13	MRAD-18	Water	pCi/L	Cesium-134	1320	1400	1030-1610	Acceptable
05/22/13	MRAD-18	Water	pCi/L	Cesium-137	1900	1880	1600-2250	Acceptable
05/22/13	MRAD-18	Water	pCi/L	Cobalt-60	2370	2270	1970-2660	Acceptable
05/22/13	MRAD-18	Water	pCi/L	Iron-55	812	712	424-966	Acceptable
05/22/13	MRAD-18	Water	pCi/L	Manganese-54	<7.6	<100	0.00-100	Acceptable
05/22/13	MRAD-18	Water	pCi/L	Plutonium-238	91	99	73.1-123	Acceptable
05/22/13	MRAD-18	Water	pCi/L	Plutonium-239	161	185	144-233	Acceptable
05/22/13	MRAD-18	Water	pCi/L	Strontium-90	144	137	89.2-181	Acceptable
05/22/13	MRAD-18	Water	pCi/L	Uranium-234	47.3	48.8	36.7-62.9	Acceptable
05/22/13	MRAD-18	Water	pCi/L	Uranium-238	50.8	48.4	36.9-59.4	Acceptable
05/22/13	MRAD-18	Water	pCi/L	Uranium-Total	98.1	99.5	73.1-129	Acceptable
05/22/13	MRAD-18	Water	ug/L	Uranium-Total(mass)	152	145	116-175	Acceptable
05/22/13	MRAD-18	Water	pCi/L	Zinc-65	428	384	320-484	Acceptable
05/22/13	MRAD-18	Water	pCi/L	Gross Alpha	138.0	130	46.2-201	Acceptable
05/22/13	MRAD-18	Water	pCi/L	Gross Beta	87	78.9	45.2-117	Acceptable
05/22/13	MRAD-18	Water	pCi/L	Tritium	13100	12300	8240-17500	Acceptable
11/26/13	MRAD-19	Soil	pCi/kg	Actinium-228	1200	1240	795-1720	Acceptable
11/26/13	MRAD-19	Soil	pCi/kg	Americium-241	186	164	95.9-213	Acceptable
11/26/13	MRAD-19	Soil	pCi/kg	Bismuth-212	1760	1220	325-1790	Acceptable
11/26/13	MRAD-19	Soil	pCi/kg	Bismuth-214	4350	3740	2250-5380	Acceptable
11/26/13	MRAD-19	Soil	pCi/kg	Cesium-134	2690	2820	1840-3390	Acceptable
11/26/13	MRAD-19	Soil	pCi/kg	Cesium-137	3960	4130	3160-5310	Acceptable
11/26/13	MRAD-19	Soil	pCi/kg	Cobalt-60	5490	5680	3840-7820	Acceptable
11/26/13	MRAD-19	Soil	pCi/kg	Lead-212	1260	1220	799-1700	Acceptable
11/26/13	MRAD-19	Soil	pCi/kg	Lead-214	4700	3740	2180-5580	Acceptable
11/26/13	MRAD-19	Soil	pCi/kg	Manganese-54	<55.2	<1000	0-1000	Acceptable
11/26/13	MRAD-19	Soil	pCi/kg	Plutonium-238	576	658	396-908	Acceptable
11/26/13	MRAD-19	Soil	pCi/kg	Plutonium-239	400	397	260-548	Acceptable
11/26/13	MRAD-19	Soil	pCi/kg	Potassium-40	11200	12400	9080-16700	Acceptable
11/26/13	MRAD-19	Soil	pCi/kg	Strontium-90	8220	6860	2620-10800	Acceptable
11/26/13	MRAD-19	Soil	pCi/kg	Thorium-234	2870	3080	974-5790	Acceptable
11/26/13	MRAD-19	Soil	pCi/kg	Zinc-65	3400	3160	2520-4200	Acceptable
11/26/13	MRAD-19	Soil	pCi/kg	Uranium-234	2870	3080	974-5790	Acceptable
11/26/13	MRAD-19	Soil	pCi/kg	Uranium-238	2979	3080	1910-3910	Acceptable
11/26/13	MRAD-19	Soil	pCi/kg	Uranium-Total	6870	6320	3430-8340	Acceptable
11/26/13	MRAD-19	Soil	ug/kg	Uranium-Total(mass)	8460	9220	5080-11600	Acceptable



11/26/13	MRAD-19	Vegetation	pCi/kg	Am-241	3800	3630	2220-4830	Acceptable
11/26/13	MRAD-19	Vegetation	pCi/kg	Cesium-134	907	859	552-1120	Acceptable
11/26/13	MRAD-19	Vegetation	pCi/kg	Cesium-137	1220	1030	747-1430	Acceptable
11/26/13	MRAD-19	Vegetation	pCi/kg	Cobalt-60	2100	1880	1300-2630	Acceptable
11/26/13	MRAD-19	Vegetation	pCi/kg	Curium-244	1230	1250	612-1950	Acceptable
11/26/13	MRAD-19	Vegetation	pCi/kg	Manganese-54	<53.3	<300	0-300	Acceptable
11/26/13	MRAD-19	Vegetation	pCi/kg	Plutonium-238	1280	1290	769-1770	Acceptable
11/26/13	MRAD-19	Vegetation	pCi/kg	Plutonium-239	2580	2770	1700-3810	Acceptable
11/26/13	MRAD-19	Vegetation	pCi/kg	Potassium-40	33600	33900	24500-47600	Acceptable
11/26/13	MRAD-19	Vegetation	pCi/kg	Strontium-90	5870	6360	3630-8430	Acceptable
11/26/13	MRAD-19	Vegetation	pCi/kg	Uranium-234	674	654	430-840	Acceptable
11/26/13	MRAD-19	Vegetation	pCi/kg	Uranium-234	1050	654	430-840	Not Acceptable
11/26/13	MRAD-19	Vegetation	pCi/kg	Uranium-238	655	648	432-823	Acceptable
11/26/13	MRAD-19	Vegetation	pCi/kg	Uranium-Total	1364	1330	901-1660	Acceptable
11/26/13	MRAD-19	Vegetation	pCi/kg	Uranium-Total	1773	1330	901-1660	Not Acceptable
11/26/13	MRAD-19	Vegetation	ug/kg	Uranium-Total(mass)	1960	1940	1300-2460	Acceptable
11/26/13	MRAD-19	Vegetation	pCi/kg	Zinc-65	1990	1540	1110-2160	Acceptable
11/26/13	MRAD-19	Filter	pCi/Filter	Americium-241	75.2	66.4	40.9-89.9	Acceptable
11/26/13	MRAD-19	Filter	pCi/Filter	Cesium-134	845	868.0	552-1080	Acceptable
11/26/13	MRAD-19	Filter	pCi/Filter	Cesium-137	641	602	452-791	Acceptable
11/26/13	MRAD-19	Filter	pCi/Filter	Cobalt-60	534	494	382-617	Acceptable
11/26/13	MRAD-19	Filter	pCi/Filter	Iron-55	466	389.0	121-760	Acceptable
11/26/13	MRAD-19	Filter	pCi/Filter	Manganese-54	<3.9	<50	0.00-50.0	Acceptable
11/26/13	MRAD-19	Filter	ug/Filter	Plutonium-238	72.8	68.5	46.9-90.1	Acceptable
11/26/13	MRAD-19	Filter	pCi/Filter	Plutonium-239	56.5	53.4	42.4-93.1	Acceptable
11/26/13	MRAD-19	Filter	pCi/Filter	Strontium-90	130	125	61.1-187	Acceptable
11/26/13	MRAD-19	Filter	pCi/Filter	Uranium-234	56	87	35.6-86.6	Acceptable
11/26/13	MRAD-19	Filter	pCi/Filter	Uranium-238	58	56.90	36.8-78.7	Acceptable
11/26/13	MRAD-19	Filter	pCi/Filter	Uranium-Total	116	117	64.8-178	Acceptable
11/26/13	MRAD-19	Filter	ug/Filter	Uranium-Total(mass)	172	171	109-241	Acceptable
11/26/13	MRAD-19	Filter	pCi/Filter	Zinc-65	514	419	300-578	Acceptable
11/26/13	MRAD-19	Filter	ug/Filter	Uranium-Total(mass)	169	171	109-241	Acceptable
11/26/13	MRAD-19	Filter	ug/Filter	Uranium-Total(mass)	150	171	109-241	Acceptable
11/26/13	MRAD-19	Filter	pCi/Filter	Gross Alpha	100	83	27.8-129	Acceptable
11/26/13	MRAD-19	Filter	pCi/Filter	Gross Beta	65.7	56.3	35.6-82.2	Acceptable
11/26/13	MRAD-19	Water	pCi/L	Americium-241	126	126	84.9-169	Acceptable
11/26/13	MRAD-19	Water	pCi/L	Cesium-134	2060	2180	1600-2510	Acceptable
11/26/13	MRAD-19	Water	pCi/L	Cesium-137	2730	2760	2340-3310	Acceptable
11/26/13	MRAD-19	Water	pCi/L	Cobalt-60	1960	1890	1640-2210	Acceptable
11/26/13	MRAD-19	Water	pCi/L	Iron-55	721	689	411-935	Acceptable
11/26/13	MRAD-19	Water	pCi/L	Manganese-54	<7.24	<100	0.00-100	Acceptable
11/26/13	MRAD-19	Water	pCi/L	Plutonium-238	133	138	102-172	Acceptable
11/26/13	MRAD-19	Water	pCi/L	Plutonium-239	98.7	109	84.6-137	Acceptable
11/26/13	MRAD-19	Water	pCi/L	Strontium-90	726	788	513-1040	Acceptable
11/26/13	MRAD-19	Water	pCi/L	Uranium-234	93	99	74.3-128	Acceptable
11/26/13	MRAD-19	Water	pCi/L	Uranium-238	93	98.00	74.7-120	Acceptable



11/26/13	MRAD-19	Water	pCi/L	Uranium-Total	186	201	148-260	Acceptable
11/26/13	MRAD-19	Water	ug/L	Uranium-Total(mass)	278	294	234-355	Acceptable
11/26/13	MRAD-19	Water	pCi/L	Zinc-65	1560	1370	1140-1730	Acceptable
11/26/13	MRAD-19	Water	pCi/L	Gross Alpha	105.0	97	34.3-150	Acceptable
11/26/13	MRAD-19	Water	pCi/L	Gross Beta	78.8	84.5	48.4-125	Acceptable
11/26/13	MRAD-19	Water	pCi/L	Tritium	8740	9150	6130-13000	Acceptable
11/26/13	MRAD-19	Water	pCi/L	Uranium-234	92.4	98.9	74.3-128	Acceptable
11/26/13	MRAD-19	Water	pCi/L	Uranium-238	96.1	98.0	74.7-120	Acceptable
11/26/13	MRAD-19	Water	pCi/L	Uranium-Total	193	201	148-260	Acceptable
11/26/13	MRAD-19	Water	ug/L	Uranium-Total(mass)	288	294	234-355	Acceptable
11/26/13	MRAD-19	Water	pCi/L	Uranium-234	95.2	98.9	74.3-128	Acceptable
11/26/13	MRAD-19	Water	pCi/L	Uranium-238	115	98.00	74.7-120	Acceptable
11/26/13	MRAD-19	Water	pCi/L	Uranium-Total	215	201	148-260	Acceptable
11/26/13	MRAD-19	Water	ug/L	Uranium-Total(mass)	344	294	234-355	Acceptable
11/26/13	MRAD-19	Water	ug/L	Uranium-Total(mass)	258	294	234-355	Acceptable

FIGURE 1

COBALT-60 PERFORMANCE EVALUATION RESULTS AND % BIAS

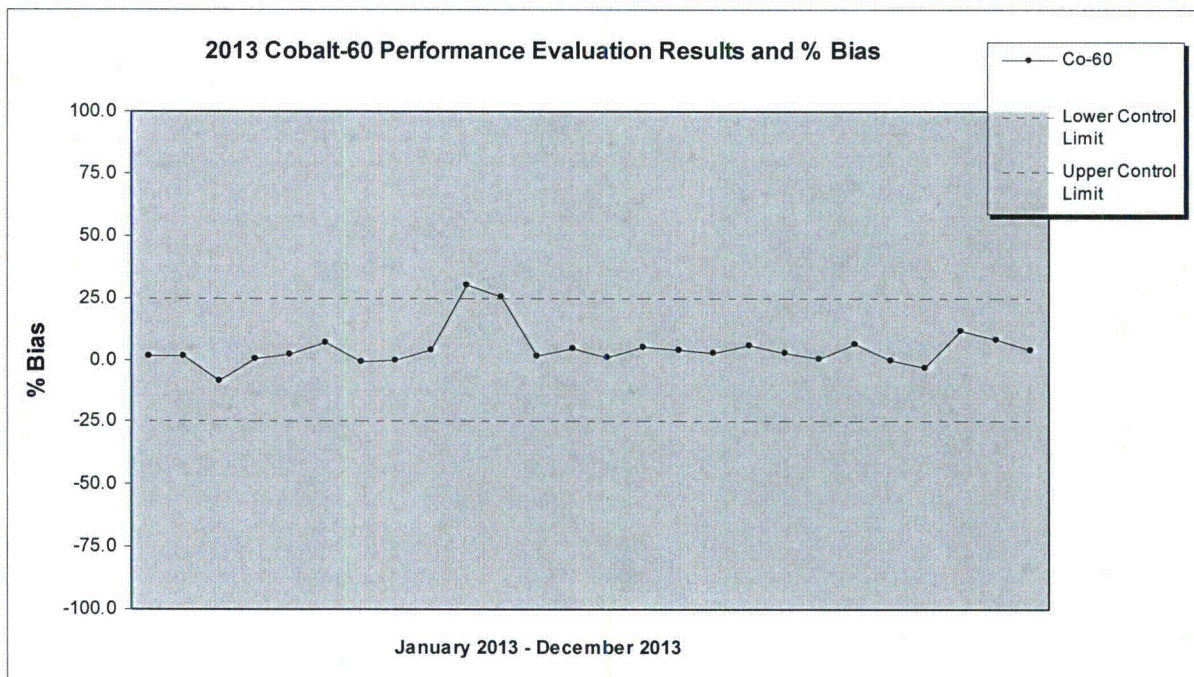


FIGURE 2

CESIUM-137 PERFORMANCE EVALUATION RESULTS AND % BIAS

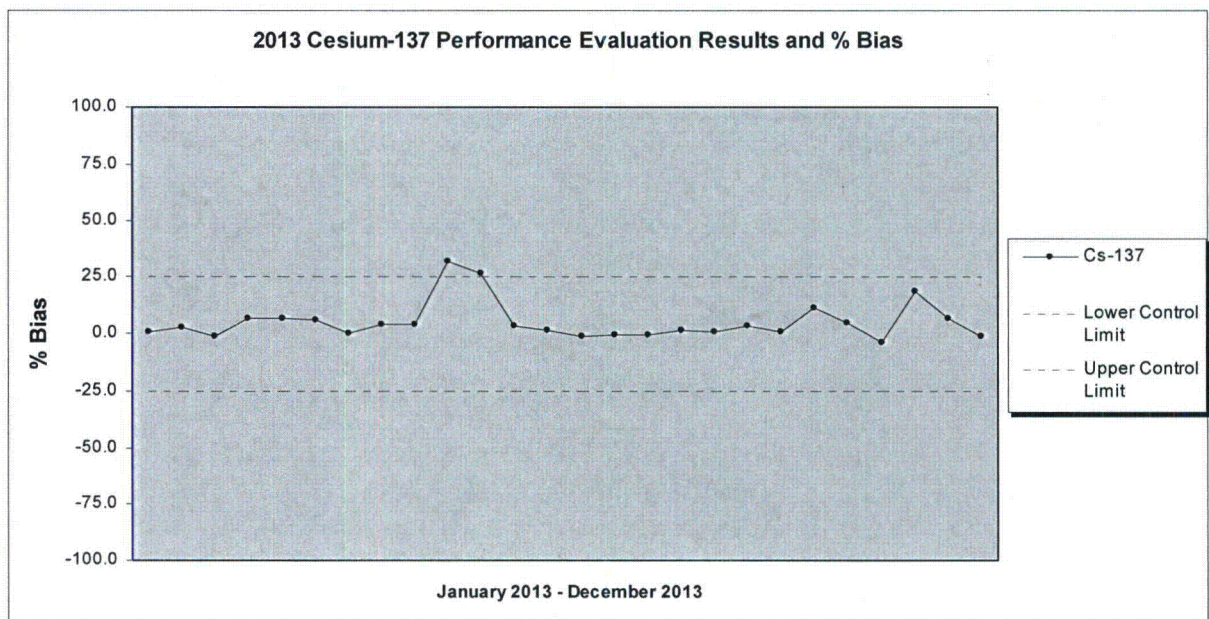


FIGURE 3

TRITIUM PERFORMANCE EVALUATION RESULTS AND % BIAS

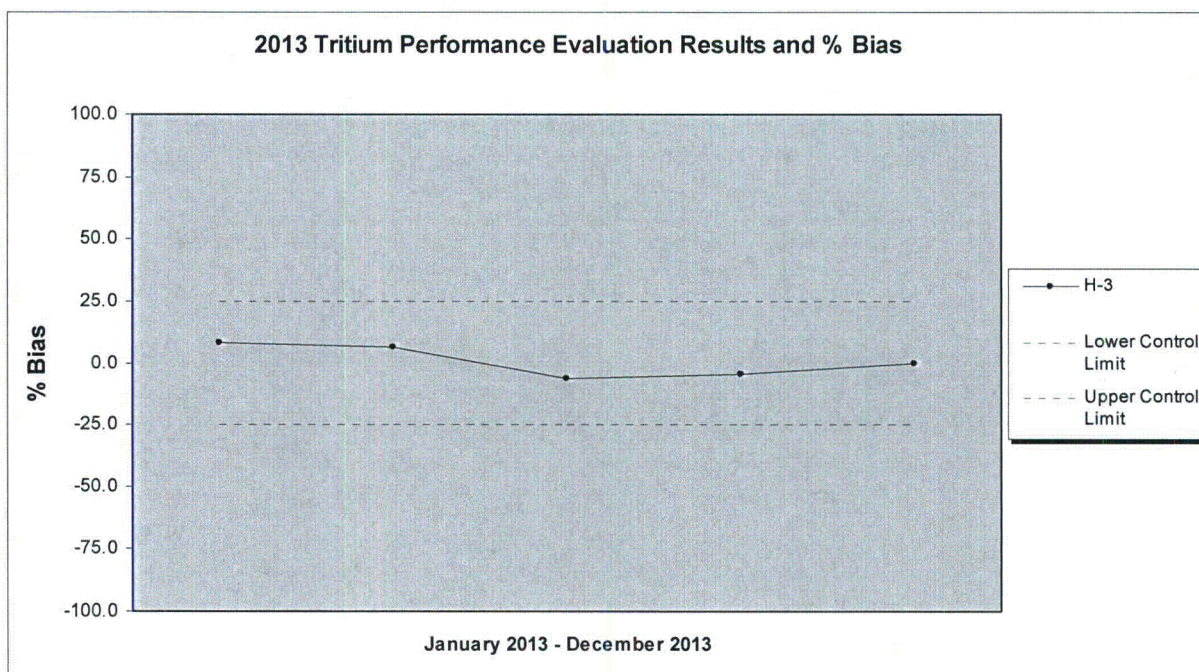


FIGURE 4

STRONTIUM-90 PERFORMANCE EVALUATION RESULTS AND % BIAS

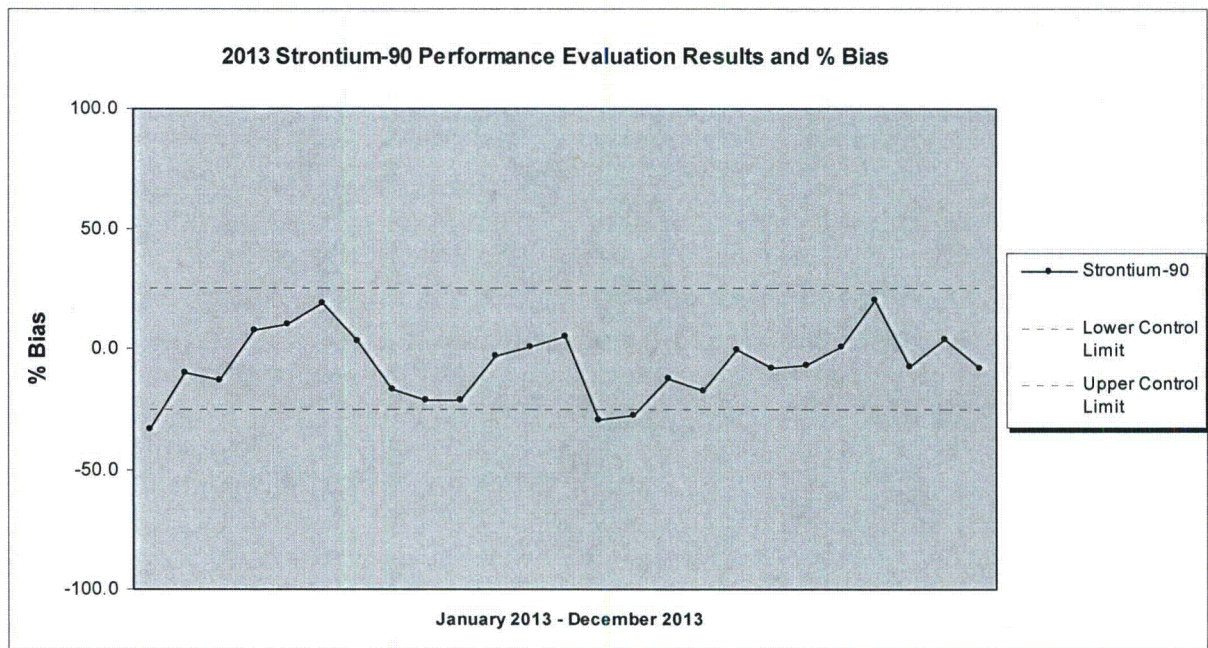


FIGURE 5

GROSS ALPHA PERFORMANCE EVALUATION RESULTS AND % BIAS

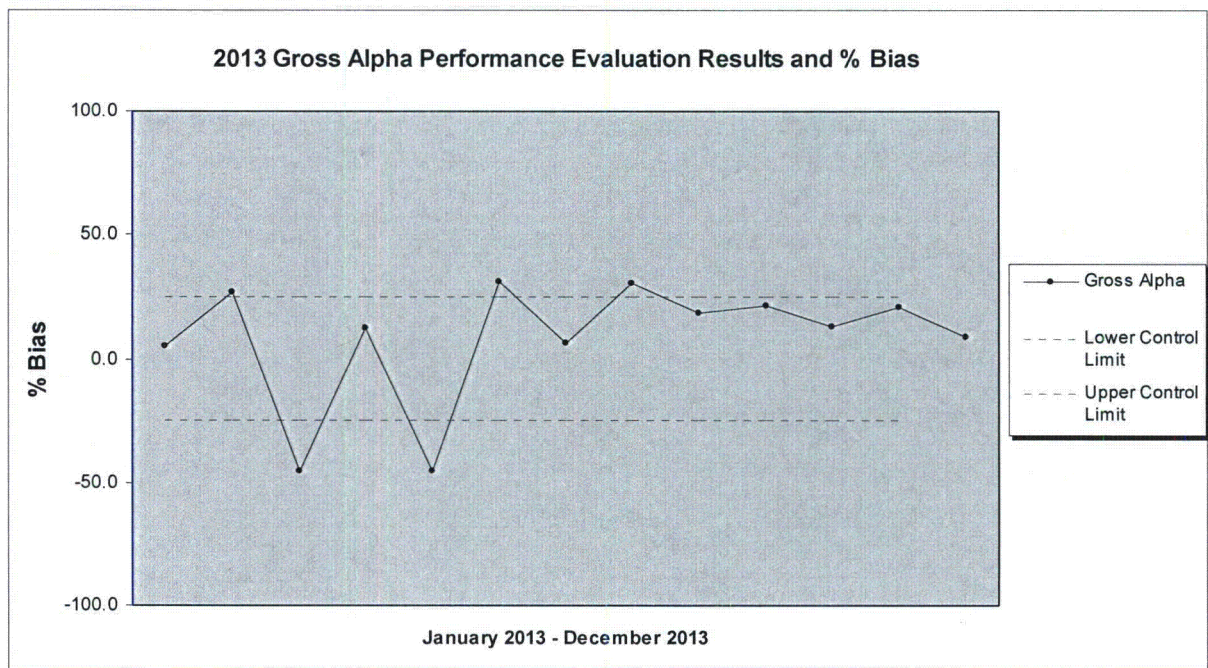


FIGURE 6

GROSS BETA PERFORMANCE EVALUATION RESULTS AND % BIAS

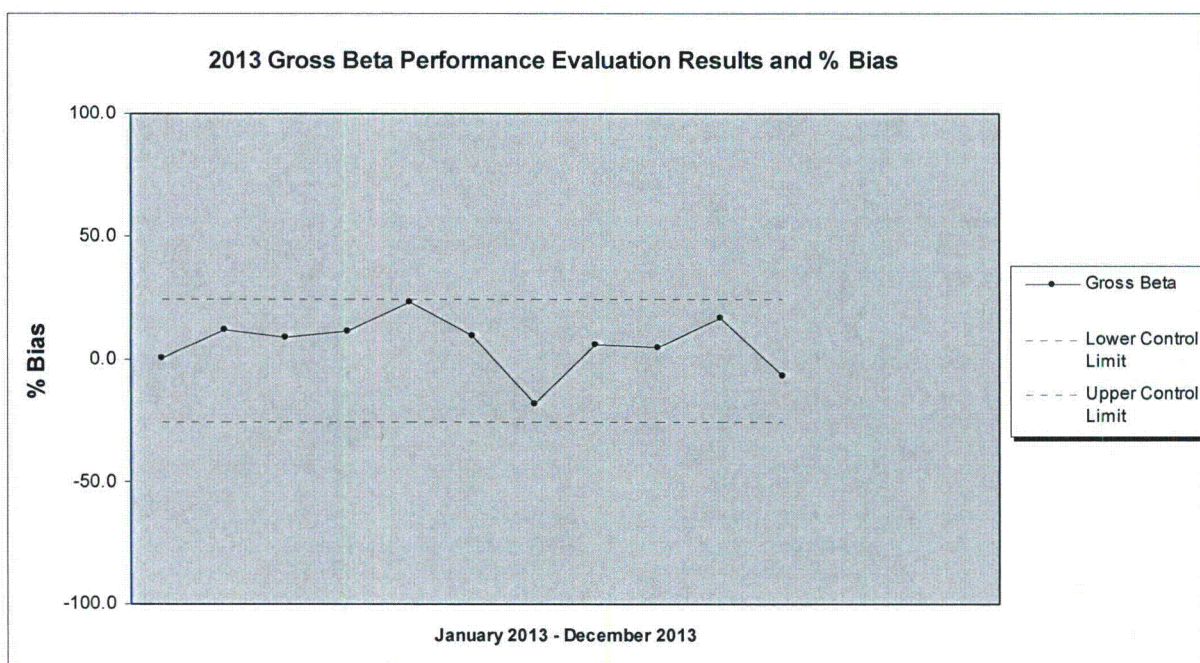


FIGURE 7

IODINE-131 PERFORMANCE EVALUATION RESULTS AND % BIAS

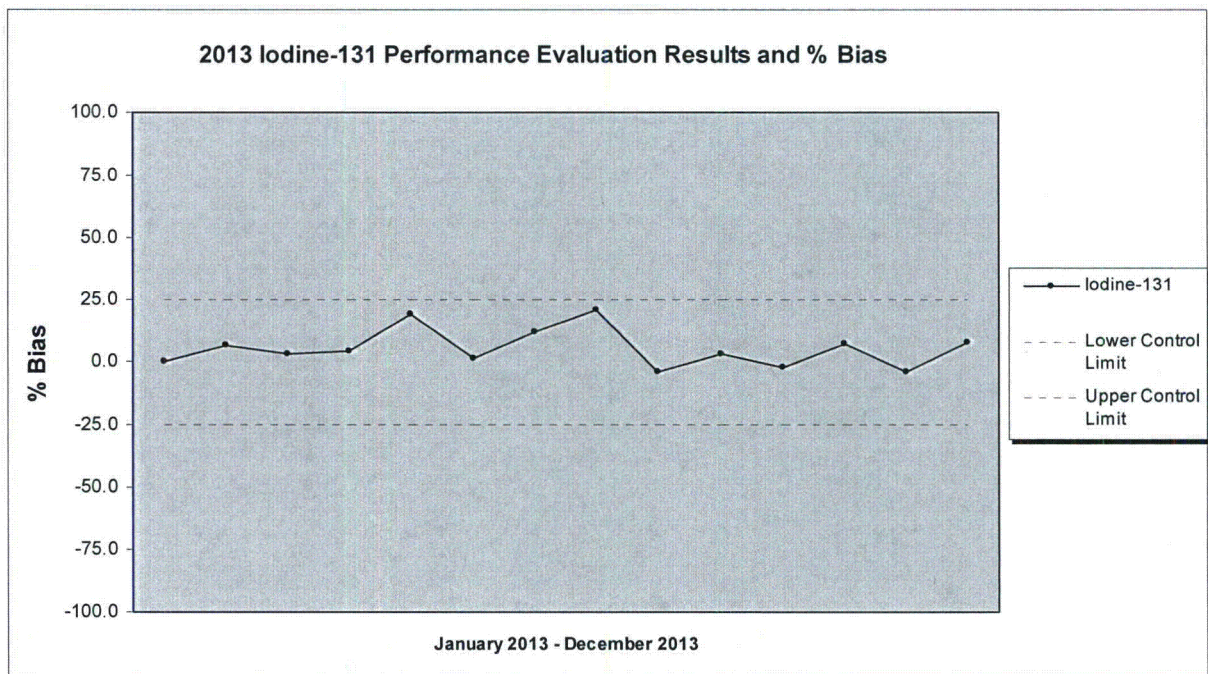


FIGURE 8

AMERICIUM-241 PERFORMANCE EVALUATION RESULTS AND % BIAS

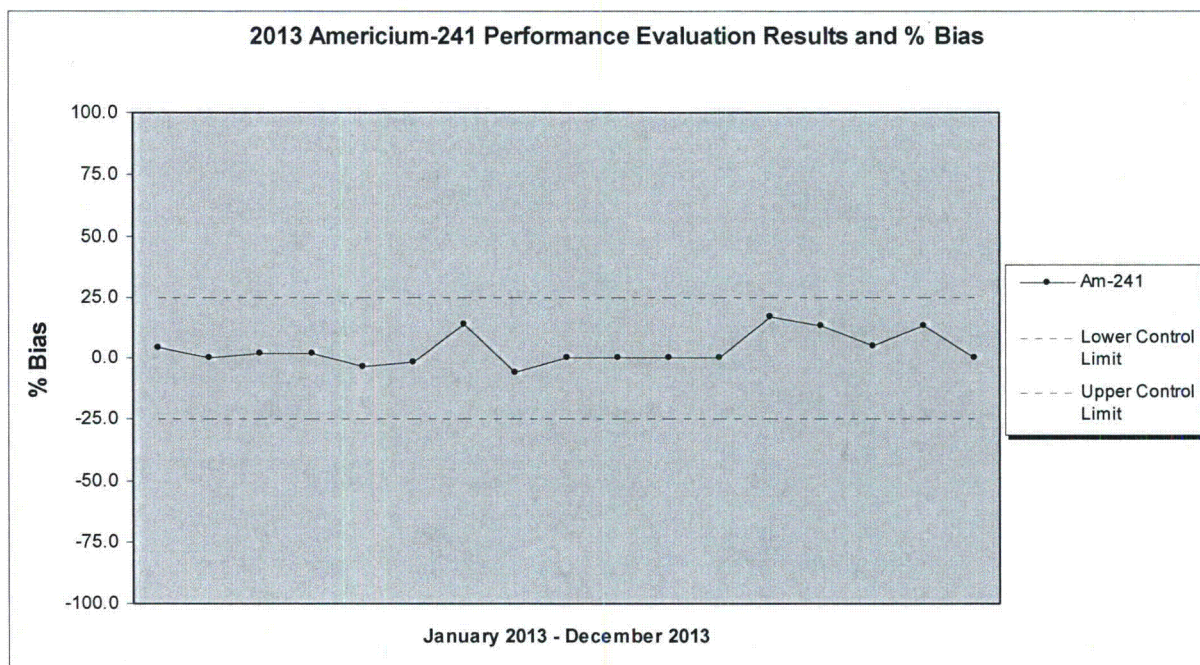


FIGURE 9

PLUTONIUM-238 PERFORMANCE EVALUATION RESULTS AND % BIAS

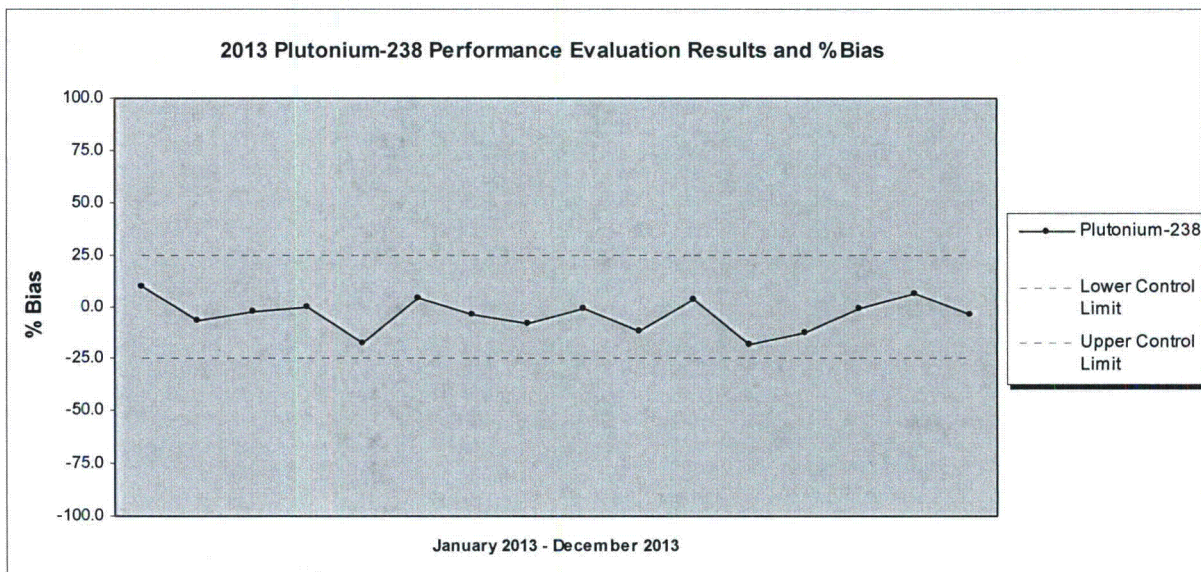


TABLE 6

REMP INTRA-LABORATORY DATA SUMMARY: BIAS AND PRECISION BY MATRIX

REMP 2013	Bias Criteria (+ / - 25%)		Precision Criteria (Note 1)	
	WITHIN CRITERIA	OUTSIDE CRITERIA	WITHIN CRITERIA	OUTSIDE CRITERIA
MILK				
Gamma Iodine-131	41	0	131	0
Gas Flow Sr 2nd count	46	0	49	0
Gas Flow Total Strontium	35	0	35	0
Gamma Spec Liquid RAD A-013 with Ba, La	61	0	120	0
SOLID				
LSC Iron-55	5	0	5	0
Gamma Spec Solid RAD A-013	28	0	31	0
LSC Nickel 63	5	0	5	0
Gas Flow Sr 2nd count	4	0	4	0
Gas Flow Total Strontium	8	0	8	0
Gamma Spec Solid RAD A-013 with Ba, La	7	0	10	0
Gamma Spec Solid RAD A-013 with Iodine	6	0	7	0
FILTER				
Gamma Spec Filter RAD A-013	4	0	4	0
Gas Flow Sr 2nd Count	5	0	5	0
Alpha Spec Am241Curium	3	0	3	0
Gas Flow Total Strontium	3	0	3	0
Gross A & B	526	0	527	0
Gamma Spec Filter	45	0	51	0
LIQUID				
Alpha Spec Uranium	8	0	9	0
Tritium	336	0	337	0
Plutonium	1	0	1	0
LSC Iron-55	40	0	42	0
LSC Nickel 63	41	0	43	0
Gamma Spec Liquid RAD A-013	7	0	7	0
Gamma Iodine-131	33	0	33	0
Alpha Spec Plutonium	10	0	10	0
Gas Flow Sr 2nd count	20	0	20	0
Alpha Spec Am241 Curium	17	0	17	0
Gas Flow Total Strontium	161	0	163	0
Gross Alpha Non Vol Beta	102	0	104	0
Gamma Spec Liquid RAD A-013 with Ba, La	129	0	209	0
Gamma Spec Liquid RAD A-013 with Iodine	56	0	85	0
TISSUE				



Gamma Spec Solid RAD A-013	45	0	48	0
LSC Nickel 63	2	0	2	0
Gas Flow Sr 2nd count	10	0	10	0
Gas Flow Total Strontium	17	0	17	0
Gamma Spec Solid RAD A-013 with Ba, La	6	0	5	0
Gamma Spec Solid RAD A-013 with Iodine	17	0	17	0
SEA WATER				
LSC Iron-55	2	0	2	0
LSC Nickel 63	2	0	2	0
Gas Flow Total Strontium	1	0	1	0
Gross Alpha Non Vol Beta	1	0	1	0
Gamma Spec Liquid RAD A-013 with Iodine	1	0	1	0
VEGETATION				
Gas Flow Sr 2nd count	9	0	9	0
Gamma Spec Solid RAD A-013 with Iodine	91	0	93	0
AIR CHARCOAL				
Gamma Iodine 131 RAD A-013	623	0	645	0
Carbon-14 (Ascarite/Soda Lime Filter per Liter)	46	0	47	0
DRINKING WATER				
Tritium	51	0	52	0
LSC Iron-55	24	0	22	0
LSC Nickel 63	23	0	21	0
Gamma Iodine-131	38	0	38	0
Gas Flow Sr 2nd count	16	0	16	0
Gas Flow Total Strontium	31	0	31	0
Gross Alpha Non Vol Beta	103	0	103	0
Gamma Spec Liquid RAD A-013 with Ba, La	44	0	98	0
Total	2996		3359	

Note 1: The RPD must be 20 percent or less, if both samples are greater than 5 times the MDC. If both results are less than 5 times MDC, then the RPD must be equal to or less than 100%. If one result is above the MDC and the other is below the MDC, then the RPD can be calculated using the MDC for the result of the one below the MDC. The RPD must be 100% or less. In the situation where both results are above the MDC but one result is greater than 5 times the MDC and the other is less than 5 times the MDC, the RPD must be less than or equal to 20%. If both results are below MDC, then the limits on % RPD are not applicable.

TABLE 7
ALL RADIOLOGICAL INTRA-LABORATORY DATA SUMMARY:
BIAS AND PRECISION BY MATRIX

ENVIRONMENTAL 2013	Bias Criteria (+ / - 25%)		Precision Criteria (Note 1)	
	WITHIN CRITERIA	OUTSIDE CRITERIA	WITHIN CRITERIA	OUTSIDE CRITERIA
MILK				
Gamma Spec Liquid RAD A-013	8	0	8	0
Gamma Iodine-129	1	0	1	0
Gamma Iodine-131	41	0	131	0
Gas Flow Sr 2nd count	50	0	51	0
Gas Flow Strontium 90	10	0	10	0
Gas Flow Total Strontium	35	0	35	0
Gamma Spec Liquid RAD A-013 with Ba, La	61	0	120	0
Gamma Spec Liquid RAD A-013 with Iodine	5	0	3	0
SOLID				
Gas Flow Radium 228	29	0	29	0
Tritium	266	0	312	0
Carbon-14	136	0	227	0
LSC Iron-55	146	0	165	0
Alpha Spec Polonium Solid	19	0	22	0
Gamma Nickel 59 RAD A-022	138	0	157	0
LSC Chlorine-36 in Solids	8	0	13	0
Gamma Spec Ra226 RAD A-013	35	0	42	0
Gamma Spec Solid RAD A-013	701	0	893	0
LSC Nickel 63	176	0	201	0
LSC Plutonium	223	0	245	0
Technetium-99	309	0	339	0
Gamma Spec Liquid RAD A-013	4	0	4	0
ICP-MS Technetium-99 in Soil	75	0	74	0
LSC Selenium 79	5	0	5	0
Total Activity,	2	0	3	0
Tritium	5	0	5	0
Alpha Spec Am243	33	0	42	0
Gamma Iodine-129	172	0	199	0
Gas Flow Lead 210	18	0	19	0
Total Uranium KPA	10	0	18	0
Alpha Spec Uranium	278	0	380	0
LSC Promethium 147	4	0	4	0
LSC, Rapid Strontium 89 and 90	106	0	120	0
Alpha Spec Thorium	207	0	288	0
Gas Flow Radium 228	2	0	2	0
ICP-MS Uranium-233, 234 in Solid	6	0	5	0



Alpha Spec Plutonium	242	0	263	0
ICP-MS Technetium-99 Prep in Soil	78	0	74	0
LSC Calcium 45	2	0	2	0
Alpha Spec Neptunium	234	0	256	0
Alpha Spec Plutonium	157	0	195	0
Alpha Spec Radium 226	7	0	8	0
Gamma Spec Solid with Ra226, Ra228	5	0	6	0
Gas Flow Sr 2nd count	15	0	18	0
Gas Flow Strontium 90	187	0	207	0
Gas Flow Total Radium	1	0	1	0
Lucas Cell Radium 226	71	0	93	0
Total Activity Screen	10	0	13	0
Alpha Spec Am241 Curium	292	0	336	0
Alpha Spec Total Uranium	5	0	6	0
Gas Flow Total Strontium	40	0	44	0
Gross Alpha Non Vol Beta	3	0	3	0
ICP-MS Uranium-233, 234 Prep in Solid	5	0	5	0
ICP-MS Uranium-235, 236, 238 in Solid	7	0	8	0
Alpha Spec Polonium Solid	6	0	4	0
Gamma Spec Solid RAD A-013 with Ba, La	7	0	10	0
Gamma Spec Solid RAD A-013 with Iodine	6	0	7	0
Gamma Spec Solid RAD A-013 (pCi/Sample)	0	0	2	0
Tritium	3	0	3	0
ICP-MS Uranium-234, 235, 236, 238 in Solid	245	0	234	0
ICP-MS Uranium-235, 236, 238 Prep in Solid	5	0	5	0
Gross Alpha/Beta	297	0	405	0
Gross Alpha/Beta (Americium Calibration) Solid	0	0	1	0
ICP-MS Uranium-234, 235, 236, 238 Prep in Solid	122	0	115	0
Lucas Cell Radium 226 by DOE HASL 300 Ra-04 Solid	2	0	2	0
FILTER				
Alpha Spec Uranium	18	0	24	0
Alpha Spec Polonium	0	0	54	0
Gamma I-131, filter	4	0	4	0
LSC Plutonium Filter	143	0	169	3
Tritium	134	0	201	0
Carbon-14	82	0	140	0
Nickel-63	0	0	4	0
LSC Iron-55	147	0	161	0
Gamma Nickel 59 RAD A-022	140	0	159	0
Gamma Iodine 131 RAD A-013	2	0	2	0



LSC Nickel 63	138	0	162	0
Technetium-99	103	0	137	0
Gamma Spec Filter RAD A-013	195	0	245	0
Alphaspec Np Filter per Liter	30	0	42	0
Alphaspec Pu Filter per Liter	14	0	29	0
Gamma Iodine-125	13	0	0	0
Gamma Iodine-129	114	0	127	0
Gross Alpha/Beta	0	0	1	0
Alpha Spec Am243	13	0	42	0
Gas Flow Lead 210	0	0	4	0
LSC Plutonium Filter per Liter	36	0	43	0
Total Uranium KPA	11	0	18	0
Alpha Spec Uranium	83	0	114	0
LSC, Rapid Strontium 89 and 90	144	0	168	0
Alpha Spec Thorium	45	0	57	0
Gas Flow Radium 228	0	0	2	0
Alpha Spec Plutonium	107	0	123	0
Alpha Spec Neptunium	112	0	129	0
Alpha Spec Plutonium	142	0	183	0
Alpha Spec Polonium, (Filter/Liter)	0	0	10	0
Alpha Spec Radium 226	0	0	1	0
Gas Flow Sr 2nd Count	93	0	101	0
Gas Flow Strontium 90	59	0	78	0
Gas Flow Total Radium	0	0	4	0
Lucas Cell Radium-226	0	0	2	0
Alpha Spec Am241Curium	157	0	198	0
Gas Flow Total Strontium	5	0	5	0
Total Activity in Filter,	0	0	7	0
Alphaspec Am241 Curium Filter per Liter	33	0	42	0
Tritium	106	0	108	0
Gamma Spec Filter RAD A-013 Direct Count	7	0	8	0
Carbon-14	44	0	44	0
Direct Count-Gross Alpha/Beta	72	0	0	0
Gross Alpha/Beta	74	0	81	0
ICP-MS Uranium-234, 235, 236, 238 in Filter	8	0	4	0
Alpha Spec U	31	0	60	0
Gross A & B	639	0	584	0
LSC Iron-55	39	0	51	0
Technetium-99	37	0	55	0
Gas Flow Sr-90	29	0	35	0
LSC Nickel 63	37	0	44	0
Carbon-14 (Ascarite/Soda Lime Filter per Liter)	2	0	2	0
Gas Flow Pb-210	25	0	46	0
Gas Flow Ra-228	24	0	35	0



Gamma Iodine 129	47	0	47	0
ICP-MS Uranium-234, 235, 236, 238 Prep in Filter	6	0	3	0
Gamma Spec Filter	142	0	163	0
Lucas Cell Ra-226	32	0	47	0
Alpha Spec Thorium	27	0	46	0
LIQUID				
Alpha Spec Uranium	418	0	607	0
Alpha Spec Polonium	2	0	3	0
Electrolytic Tritium	19	0	29	0
Tritium	1415	0	1503	0
Tritium by Combustion	1	0	1	0
Carbon-14	181	0	204	0
Plutonium	81	0	89	0
Chlorine-36 in Liquids	2	0	3	0
Iodine-131	6	0	3	0
LSC Iron-55	290	0	347	0
Gamma Nickel 59 RAD A-022	29	0	33	0
Gamma Iodine 131 RAD A-013	3	0	3	0
Gamma Radium 228 RAD A-013	1	0	1	0
LSC Nickel 63	328	0	370	0
LSC Radon 222	5	0	12	0
Technetium-99	303	0	365	0
Gamma Spec Liquid RAD A-013	874	0	875	0
Alpha Spec Total U RAD A-011	0	0	2	0
LSC Selenium 79	1	0	1	0
Total Activity,	6	0	6	0
Alpha Spec Am243	12	0	20	0
Gamma Iodine-129	84	0	117	0
Gamma Iodine-131	33	0	33	0
ICP-MS Technetium-99 in Water	5	0	28	0
Gas Flow Lead 210	83	0	94	0
Total Uranium KPA	96	0	226	2
LSC Promethium 147	3	0	3	0
LSC, Rapid Strontium 89 and 90	15	0	15	0
Alpha Spec Thorium	205	0	278	0
Gas Flow Radium 228	244	0	318	0
Gas Flow Radium 228	36	0	35	0
Gas Flow Radium 228	1	0	1	0
Alpha Spec Plutonium	317	0	436	0
Alpha Spec Neptunium	110	0	127	0
Alpha Spec Plutonium	61	0	86	0
Alpha Spec Radium 226	0	0	1	0
Gas Flow Sr 2nd count	283	0	316	0
Gas Flow Strontium 90	499	0	568	0
Gas Flow Strontium 90	2	0	2	0
Gas Flow Total Radium	92	0	129	0
ICP-MS Technetium-99 Prep in Water	5	0	28	0



ICP-MS Uranium-233, 234 in Liquid	1	0	1	0
Lucas Cell Radium 226	372	0	487	0
Lucas Cell Radium-226	17	0	21	0
Total Activity Screen	3	0	3	0
Chlorine-36 in Liquids	4	0	10	0
Alpha Spec Am241 Curium	307	0	405	0
Gas Flow Total Strontium	231	0	241	0
Gross Alpha Non Vol Beta	1313	0	1554	0
LSC Phosphorus-32	2	0	2	0
Lucas Cell Radium 226 by Method Ra-04	3	0	3	0
ICP-MS Uranium-233, 234 Prep in Liquid	1	0	1	0
Tritium in Drinking Water by EPA 906.0	11	0	14	0
Gamma Spec Liquid RAD A-013 with Ba, La	131	0	211	0
Gamma Spec Liquid RAD A-013 with Iodine	159	0	205	0
Gas Flow Strontium 89 & 90	6	0	0	0
ICP-MS Uranium-235, 236, 238 in Liquid	2	0	2	0
Gas Flow Total Alpha Radium	13	0	11	0
Gross Alpha Co-precipitation	7	0	9	0
ICP-MS Uranium-235, 236, 238 Prep in Liquid	1	0	1	0
ICP-MS Uranium-234, 235, 236, 238 in Liquid	22	0	98	0
Gross Alpha Beta (Americium Calibration) Liquid	16	0	21	0
ICP-MS Uranium-234, 235, 236, 238 Prep in Liquid	14	0	51	0
Alpha/Beta (Americium Calibration) Drinking Water	5	0	4	0
TISSUE				
Carbon-14	2	0	2	0
LSC Iron-55	3	0	3	0
Gamma Nickel 59 RAD A-022	2	0	2	0
Gamma Spec Solid RAD A-013	71	0	79	0
LSC Nickel 63	4	0	4	0
LSC Plutonium	1	0	1	0
Technetium-99	2	0	2	0
Tritium	1	0	1	0
Gamma Iodine-129	2	0	2	0
Gas Flow Lead 210	2	0	2	0
Alpha Spec Uranium	5	0	5	0
Alpha Spec Thorium	2	0	2	0
Alpha Spec Plutonium	10	0	10	0
Alpha Spec Neptunium	4	0	4	0
Alpha Spec Plutonium	2	0	2	0
Gas Flow Sr 2nd count	10	0	10	0



Gas Flow Strontium 90	20	0	23	0
Alpha Spec Am241 Curium	9	0	9	0
Gas Flow Total Strontium	19	0	19	0
Gamma Spec Solid RAD A-013 with Ba, La	6	0	5	0
Gamma Spec Solid RAD A-013 with Iodine	17	0	17	0
Gross Alpha/Beta	2	0	2	0
SEA WATER				
LSC Iron-55	2	0	2	0
LSC Nickel 63	2	0	2	0
Gas Flow Total Strontium	1	0	1	0
Gross Alpha Non Vol Beta	1	0	1	0
Gamma Spec Liquid RAD A-013 with Iodine	1	0	1	0
VEGETATION				
Gamma Nickel 59 RAD A-022	3	0	3	0
Gamma Spec Solid RAD A-013	31	0	31	0
LSC Nickel 63	3	0	3	0
LSC Plutonium	1	0	1	0
Technetium-99	6	0	6	0
Tritium	9	0	9	0
Gamma Iodine-129	1	0	1	0
Gas Flow Lead 210	8	0	7	0
Total Uranium KPA	4	0	4	0
Alpha Spec Uranium	23	0	21	0
Alpha Spec Thorium	7	0	7	0
Alpha Spec Plutonium	15	0	12	0
Alpha Spec Neptunium	1	0	1	0
Alpha Spec Plutonium	1	0	1	0
Gas Flow Sr 2nd count	9	0	9	0
Gas Flow Strontium 90	19	0	18	0
Gas Flow Total Radium	2	0	3	0
Alpha Spec Am241 Curium	11	0	8	0
Gamma Spec Solid RAD A-013 with Iodine	91	0	93	0
Gamma Spec Solid RAD A-013 (pCi/Sample)	5	0	3	0
Alpha Spec Am241 (pCi/Sample)	3	0	2	0
ICP-MS Uranium-234, 235, 236, 238 in Solid	9	0	7	0
Alpha Spec Uranium	1	0	17	0
Gross Alpha/Beta	4	0	4	0
Alpha Spec Plutonium	2	0	2	0
Gas Flow Strontium 90	4	0	2	0
ICP-MS Uranium-234, 235, 236, 238 Prep in Solid	7	0	5	0
AIR CHARCOAL				
Gamma Iodine 131 RAD A-013	623	0	645	0



Gamma Iodine-129	0	0	1	0
Carbon-14 (Ascarite/Soda Lime Filter per Liter)	89	0	88	0
DRINKING WATER				
Alpha Spec Uranium	7	0	8	0
Tritium	51	0	52	0
Iodine-131	1	0	2	0
LSC Iron-55	24	0	22	0
LSC Nickel 63	23	0	21	0
LSC Radon 222	96	0	96	0
Gamma Spec Liquid RAD A-013	24	0	24	0
Total Activity,	2	0	2	0
Gamma Iodine-129	2	0	2	0
Gamma Iodine-131	38	0	38	0
Total Uranium KPA	15	0	28	0
Gas Flow Radium 228	42	0	42	0
Alpha Spec Plutonium	6	0	6	0
Gas Flow Sr 2nd count	16	0	16	0
Gas Flow Strontium 90	25	0	24	0
Lucas Cell Radium-226	58	6	78	0
Alpha Spec Am241 Curium	6	0	6	0
Gas Flow Total Strontium	31	0	31	0
Gross Alpha Non Vol Beta	343	0	287	0
Tritium in Drinking Water by EPA 906.0	37	0	34	0
Gamma Spec Liquid RAD A-013 with Ba, La	44	0	98	0
Gas Flow Strontium 89 & 90	20	0	13	0
Gas Flow Total Alpha Radium	1	0	1	0
Gross Alpha Co-precipitation	105	0	87	0
Alpha/Beta (Americium Calibration) Drinking Water	13	0	13	0
ECLS-R-GA NJ 48 Hr Rapid Gross Alpha	8	0	8	0
Total		20148	23892	

Note 1: The RPD must be 20 percent or less, if both samples are greater than 5 times the MDC. If both results are less than 5 times MDC, then the RPD must be equal to or less than 100%. If one result is above the MDC and the other is below the MDC, then the RPD can be calculated using the MDC for the result of the one below the MDC. The RPD must be 100% or less. In the situation where both results are above the MDC but one result is greater than 5 times the MDC and the other is less than 5 times the MDC, the RPD must be less than or equal to 20%. If both results are below MDC, then the limits on % RPD are not applicable.

TABLE 8
2013 CORRECTIVE ACTION REPORT SUMMARY

CORRECTIVE ACTION ID# & PE FAILURE	DISPOSITION
<p>CARR130513-789</p> <p>ISO Documentation of PT Failures in MAPEP-13-RdV28 for Uranium in Vegetation by ICP/MS and Alpha Spec</p>	<p>Root Cause Analysis of MAPEP-13-RdV28 Uranium-234/233, Uranium-235, Uranium-238 and Total Uranium</p> <p>Following reviews of our process and data and conversations with personnel from the affected laboratories, it was determined that all failures were due to an analyst error during sample preparation. Glass instead of Teflon beakers were used during the sample digestion which contained Hydrofluoric (HF) acid. Per Standard Operating Procedure (SOP) GL-RAD-A-015 section 11.2.4, the sample should have been transferred to a Teflon beaker. In this instance, this step was omitted. The digestion was performed in glass beakers so trace amounts of Uranium were leached from the glass into the sample, resulting in high bias in the results. Normal procedure dictates that glass is not used when using HF in the digestion process due to the presence of natural Uranium in the glassware.</p> <p>In order to prove that this was an isolated incident and that our overall process is in control a series of digestions were performed in the glass beakers to confirm our conclusion.</p> <ul style="list-style-type: none"> • HCL /HNO₃ only digestion - Uranium was not detected. • HCL, HNO₃, and HF digestion - Enough Uranium activity was detected to account for the high bias (as many as 70 counts in a 16 hour and 40 minute count). • HF only digestion - Results similar to HCL, HNO₃, and HF were observed <p>A second PT was successfully analyzed for this matrix.</p>
<p>CARR130522-791</p> <p>ISO Documentation of PT Failures in -MRAD-18 for Cesium-134, Cesium-137 and Zinc-65 in Soil</p>	<p>Following a review of our processes, the data and conversations with personnel from the affected laboratories, it was determined that our normal procedure for preparing soil samples is not sufficient for this soil matrix. Per the Standard Operating Procedure (SOP) GL-RAD-A-021, the sample was</p>

dried, homogenized, and passed through a 28 mesh sieve. However, approximately 20-30% of the sample consists of particles greater than the 28 mesh sieve size. These larger particles were not affected by our normal homogenization process. In accordance with the SOP, the larger particles were removed prior to preparing the container for gamma counting.

Upon receipt of the graded report, the following steps were taken to prove that this was an isolated incident and that our overall process is in control.

1. A recount of the initially prepared sample performed and confirmed the originally reported results.
2. A new container was then prepared from the original sample but omitting the preparation step and counted. This produced acceptable results.
3. A second sample was prepared per the SOP; however, only a portion of the sample was removed during the sieving steps. This sample produced similar high biased results.

An aliquot of the sample was then pulverized prior to gamma counting. This approach also produced acceptable results.

Permanent Corrective/Preventive Actions or Improvements :

In the future, these samples will be pulverized to ensure that all the material passes through the 28 mesh sieve; thus, eliminating the need to remove any of the original sample. A comment has been added to the set-up for the solid matrix.

A second PT was successfully analyzed for this matrix.

CARR130826-810

For Failures of RAD-94 for Gross Alpha/Bea and Strontium 89/90 in Water

Root Cause Analysis of Gross Alpha

After a review of the data, an apparent reason for this discrepancy could not be determined. The following steps were taken to prove that this high bias was an isolated occurrence and that our overall process is within control.

1. The batch quality control samples were reviewed and found to be compliant. The LCS recovered at 110%. While the recovery is slightly elevated, it is well within the 80%-120% acceptance range.
2. Laboratory control data were also reviewed for trends. None were noted.
3. The instrument calibrations were reviewed for positive biases that could have attributed to this failure. None were noted.
4. Two sample duplicates were also prepared and counted along with the reported result. Both results fell within the method's acceptance range for duplicate. One of the results also fell within the acceptance range of the study.
5. **The original sample was also recounted and the results fell within the acceptance range.**

**Root Cause Analysis of Strontium-89 (Sr-89)
LAB PBMS A-004**

After a review of the data, an apparent reason for this discrepancy could not be determined. The following steps were taken to prove that this high bias was an isolated occurrence and that our overall process is within control.

1. The batch quality control samples were reviewed and found to be compliant. The LCS recovered at 98.1%.
2. Laboratory control data were also reviewed for trends. None were noted.
3. The instrument calibrations were reviewed for positive biases that could have attributed to this failure. None were noted.
4. Sample duplicates were also prepared and counted along with the reported result. Duplicate results fell within the acceptance range of the study.

**Root Cause Analysis of Strontium-89 (Sr-89)
EPA 905.0**

After a review of the data, an apparent reason for this discrepancy could not be determined. The following steps were taken to prove that this high bias was an isolated

occurrence and that our overall process is within control.

1. The batch quality control samples were reviewed and found to be compliant. The LCS recovered at 102%.
2. Laboratory control data were also reviewed for trends. None was noted.
3. The instrument calibrations were reviewed for positive biases that could have attributed to this failure. None were noted.
4. Sample duplicates were also prepared and counted along with the reported result. All results fell within the method's acceptance range for duplicates.

Permanent Corrective/Preventive Actions or Improvements:

Gross Alpha

The laboratory must assume an unidentified random error caused the high bias because all quality control criteria were met for the batch. The lab will continue to monitor the recoveries of this radionuclide to ensure that there are no issues.

**Strontium-89 (Sr-89)
LAB PBMS A-004 and EPA 905.0**

To summarize our efforts (including the initial result), the laboratory had 3 analysts, two different methods, processed with 2 calibrations and two separate Y carriers used in the analysis of this sample and only one acceptable result for Sr-89. All LCS results have met acceptance criteria. This leads the laboratory to conclude that there is possibly an error in the original make-up of the PT sample. The instructions list stable Sr and Y as being included but they are not at levels greater than are normally listed so we suspect that the make up of the sample was the cause. The laboratory will continue to monitor the recoveries from these two methods to ensure that there are no issues.



CARR131205-845

For failures of MRAD-19 for Uranium-234 and Total Uranium in Vegetation

Root Cause Analysis

These elevated results were obtained following our routine procedure. The reported result for U-234 was less than the MDA and had a elevated uncertainty. This high U-234 result also attributed to the high Total-U result.

Upon receipt of the graded report, the following steps were taken to prove that this was an isolated incident and that our overall process is in control.

- A recount of the initially prepared sample performed and confirmed the originally reported results.
- The sample was reanalyzed using a larger aliquot and results that fell within the acceptance range were achieved.

Permanent Corrective/Preventive Actions or Improvements

In the future when the result is below the MDA and are not compatible with other analytical technologies, the laboratory will attempt to use a larger sample aliquot with hopes of achieve a result above the MDA or with a lower uncertainty. If the matrix and larger sample size do not provide useable data, the results may not be report.

8.0 DCPP LAND USE CENSUS

2013 DCPD Land Use Census

Diablo Canyon Power Plant (DCPD) Radiological Environmental Monitoring Program (REMP) personnel conducted a land use census in the vicinity of DCPD for 2013. The land use census is based on Nuclear Regulatory Commission (NRC) Regulatory Guide 4.8, "Environmental Technical Specifications for Nuclear Power Plants" and 10 CFR 50 Appendix I section IV. B. 3.

DCPD Program Directive CY2, "Radiological Monitoring and Controls Program" requires performance of a land use census.

DCPD IDAP RP1.ID11, "Environmental Radiological Monitoring Procedure", requires identification of the nearest milk animal, nearest residence, and the nearest broadleaf producing garden greater than 50 square meters (500 square feet) in each of the landward meteorological sectors within a distance of 8 kilometers (5 miles) of the plant. The land use census is conducted at least once per year during the growing season (between Feb 15 and Dec 1) for the Diablo Canyon environs.

The 2013 Land Use Census was conducted via a helicopter over-flight and landowner telephone interviews. The helicopter over-flight was conducted on October 31st, 2013. The telephone interviews were conducted November 21st through November 22nd, 2013. Seven individual landowners or tenants were contacted.

Milk:

No milk animals were identified within the first 8 kilometers (5 miles) of any sector.

Residences:

The nearest residence, relative to all sectors, was a small trailer located in the NW sector about 1.93 kilometers (1.2 miles) from the plant. Ranch workers occupied this BLANCHARD residence approximately 1 month (per year) during cattle round-ups.

A total of fifteen residences were identified within the 8-kilometer (5-mile) radius of the plant, which were confirmed or appear to have been occupied in 2013. One additional residence was not occupied in 2013. Six abandoned structures were also identified.

The nearest residence in each sector is summarized in Table 1.

Gardens:

The land use census identified two household gardens greater than 50 square meters (500 square feet) that produced broadleaf vegetation. The READ garden (REMP 3C1) was approximately ¼ acre and located in the NNE sector at 7.08 kilometers (4.41 miles). The KOONZE garden (REMP 6C1) was approximately 500 square feet and located in the E sector at 7.24 kilometers (4.5 miles).

MELLO managed a farm in the ESE sector along the site access road coastal plateau. The farm started at approximately 4.8 km and extended to 7.2 km (3 to 4.5 miles) from the plant. This commercial farm produced no broadleaf vegetation. The farm area was about 100 acres of land with rotational planting. Commercial crops consisted of about 100% cereal grass (oat hay) and straw grass. Less than 10 farm workers periodically occupied this area during the growing season.

Additional Land Use:

Much of the area outside the plant site-boundary was used for rotational cattle grazing by five separate cattle operations. For purposes of this census, the five cattle ranches were called BLANCHARD, SINSHEIMER, READ, ANDRE, and MELLO.

BLANCHARD had about 100 cattle outside the plant site-boundary and utilized the NW, NNW, N, and NNE sectors. About 80 yearling cattle were sold under the "Old Creek Ranch" label at local farmer's markets in 2013.

Additionally, BLANCHARD managed about 150 goats that were used for weed abatement in all landward sectors within the plant site-boundary. During 2013, approximately 100 baby goats were born and taken to Santa Margarita California where they were grass fed for one year. After one year, the 100 yearling goats were sold under the "Old Creek Ranch" label at local farmer's markets in 2013.

BLANCHARD also managed about 150 sheep outside the plant site-boundary in the NW and NNW sectors. These sheep were allowed to breed and the yearlings were sold under the "Old Creek Ranch" label at local farmer's markets in 2013.

The BLANCHARD's consumed about 75 pounds of these various meats during 2013. "Old Creek Ranch" labeled meats were sampled quarterly by REMP personnel.

SINSHEIMER had about 100 cattle outside the plant site-boundary in the NNE sector. These cattle were allowed to breed and about 90 calves were sold to mass market in 2013.

READ had about 110 adult cattle and 110 calves outside the plant site-boundary in the NNE sector. About 110 yearling cattle were sold under the "Old Creek Ranch" label at local farmer's markets in 2013.

ANDRE had about 80 cattle outside the plant site-boundary in the ENE sector. About 80 calves were sold to mass market in 2013. ANDRE did not slaughter any cattle in 2013 for personal consumption.

MELLO managed about 800 cattle outside the plant site-boundary in the E, ESE, and SE sectors. Harris Ranch Beef Corporation owned these cattle and sold all of them to mass market in 2013. MELLO did not slaughter any cattle in 2013 for personal consumption.

Two landowners (JOHE and ANDRE) harvested wild game for personal consumption outside the plant site-boundary in the NNE, NE, and ENE sectors. This wild game consisted of approximately 2 deer and 4 wild pigs per landowner.

There was a California State Park Ranger Office in the NNW sector at 7.483 kilometers (4.65 miles) from the plant. Approximately 3 people occupied this office from 1000 to 1500 each day per week.

There was a public campground (Islay Creek Campground) located in the NNW sector at Montana de Oro State Park at 7.387 kilometers (4.59 miles). This campground was near Spooner's Cove.

Approximately 713,000 people visited Montana de Oro State Park via day use permit. Approximately 22,000 people spent the night at Islay Creek Campground.

There was public access to hiking trails at the north and south ends of the PG&E property in 2013.

The Point Buchon Trail was located at the north end of PG&E property and had about 18,000 visitors in 2013. The trail traversed about 3.5 miles of coastline from Coon Creek to Crowbar Canyon. The trail was open to the public for day hikes Thursday thru Monday from approximately 0700-1700. Two to three people from California Land Management occupied the trail head booth near Coon Creek during operating hours. This trail was originally opened to the public on July 13, 2007.

The Pecho Coast Trail was located at the south end of PG&E property and had about 3,000 visitors in 2013. The trail was approximately 3.7 miles long and led from the Avila Beach DCPD Entrance Gate to the Point San Luis Lighthouse property. Access was controlled (by permission only) and conducted by docents. This trail was just slightly outside the 5 mile radius of the plant. Pecho Coast Trail hikes were only available on Wednesdays (about 20 people) and Saturdays (about 40 people). 30-40 Lighthouse keepers occupied the Lighthouse grounds on Tuesdays, Thursdays, and Saturdays from 0800-1600. The Lighthouse property was owned by the Harbor District.

Groundwater Protection Initiative (GPI) Review:

There were no site construction activities or spills that warranted changes to GPI monitoring frequencies, monitoring locations, contract lab analytical capabilities, or detection thresholds in 2013.

There were no changes in on-site or near site water usage that would result in potential unusual use of site ground water used as drinking / irrigation water in 2013.

Additional Onsite Information:

The following plant equipment was placed into the Old Steam Generator Storage Facility (OSGSF) for the duration of the plant operating license on the dates indicated below.

It should be noted that the Old Steam Generator Storage Facility is located within the site boundary.

Unit One old steam generators (4 total) : 2-14-09

Unit Two old steam generators (4 total) : 3-2-08

Unit One old reactor head (1 total) : 10-23-10

Unit Two old reactor head (1 total) : 11-6-09

DCPD began loading of the on-site Independent Spent Fuel Storage Installation (ISFSI) pad on 6-23-09. An ISFSI loading campaign occurred in 2013.

Table 1 summarizes the nearest residence location in each meteorological sector. Figure 3 shows the location of the residences and gardens in the vicinity of DCPD.

Table 1

Land Use Census 2013

**Distance in Kilometers (and Miles) from the center point of U-1 CTMT
Nearest Milk Animal, Residence, and Vegetable Garden**

22½ Degree (a) Radial Sector	Nearest Milk Animal	Nearest Residence km (mi)	Residence Azimuth Degree	Nearest Vegetable Garden km (mi)
NW	None	1.93 (1.2)	319.5	None
NNW	None	2.41 (1.5) ^(b)	331	None
N	None	None	—	None
NNE	None	5.21 (3.2)	019.8	7.08 (4.4) ^(c)
NE	None	7.89 (4.9)	036	None
ENE	None	7.08 (4.4)	063.5	None
E	None	5.95 (3.7)	097.5	7.24 (4.5) ^(d)
ESE	None	None	—	5.31 (3.3) ^(e)
SE	None	None	—	None

Table Notation:

- (a) Sectors not shown contain no land (other than islets not used for the purposes indicated in this table) beyond the site-boundary.
- (b) BLANCHARD residence is the full-time residence for critical receptor calculations.
- (c) The READ vegetable garden is located in the NNE sector and located at the 020 azimuth degree. There is also a full time residence at this location.
- (d) The KOONZE vegetable garden is located in the E sector and located at the 098 azimuth degree. There is also a full time residence at this location.
- (e) The MELLO garden is the commercial farm along the westward side of the site access road; however, it does not produce broadleaf vegetation. This farm extends from 4.8 km to 7.2 km (3 to 4.5 miles) from the plant.

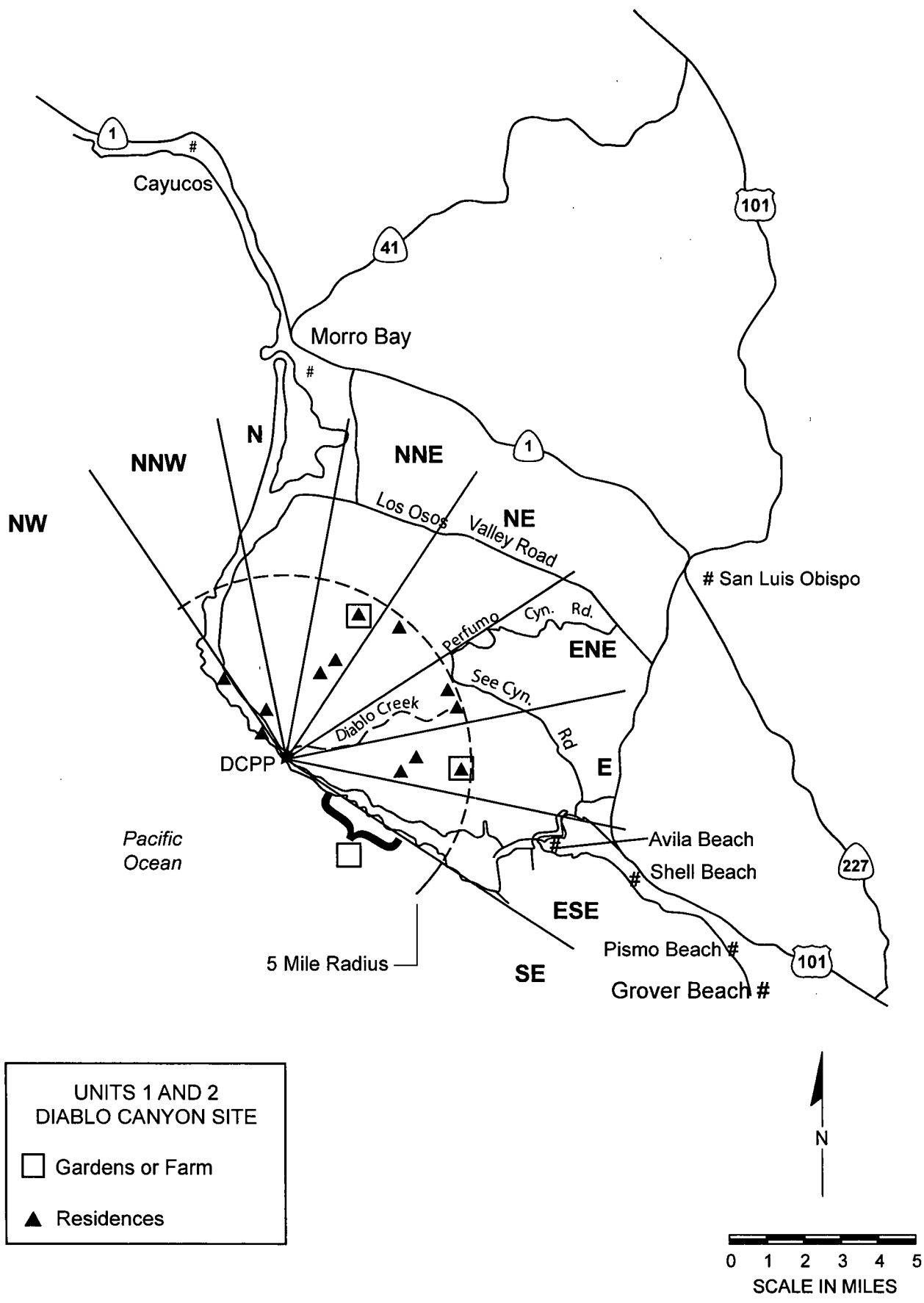
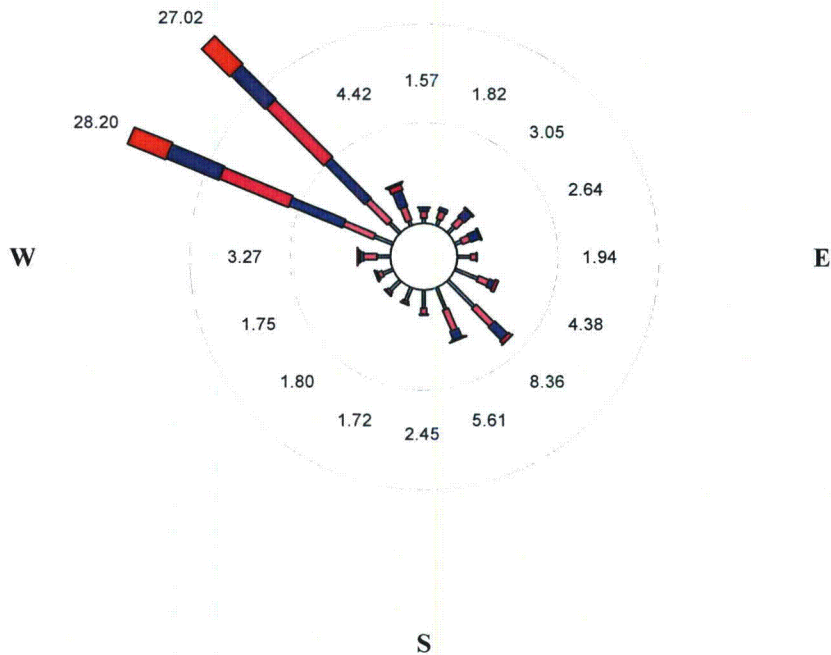


Figure 3. Units 1 and 2 Diablo Canyon Power Plant Land Use Census.

9.0 DCPD WIND ROSE CHART

**Joint Frequency Distribution
Diablo Canyon Power Plant
10-Meter Level
2013
N**



0.1 3.5 6.9 11.5 18.4 24.2
Wind Speed (Miles Per Hour)

Calms excluded.
Rings drawn at 10% intervals.
Wind flow is FROM the directions shown.
1324 observations were missing.

PERCENT OCCURRENCE: Wind Speed (Miles Per Hour)
LOWER BOUND OF CATEGORY

DIR	0.1	3.5	6.9	11.5	18.4	24.2
N	0.52	0.63	0.36	0.05	0.00	0.00
NNE	0.69	0.75	0.38	0.00	0.00	0.00
NE	0.87	1.06	0.97	0.15	0.00	0.00
ENE	0.69	0.83	0.94	0.17	0.00	0.00
E	1.28	0.52	0.12	0.01	0.00	0.00
ESE	2.39	1.12	0.55	0.32	0.00	0.00
SE	3.64	2.50	1.75	0.43	0.04	0.00
SSE	2.33	2.23	0.86	0.09	0.07	0.03

TOTAL OBS = 7436 MISSING OBS = 1324

PERCENT OCCURRENCE: Wind Speed (Miles Per Hour)
LOWER BOUND OF CATEGORY

DIR	0.1	3.5	6.9	11.5	18.4	24.2
S	1.75	0.62	0.08	0.00	0.00	0.00
SSW	1.39	0.24	0.09	0.00	0.00	0.00
SW	1.40	0.28	0.11	0.01	0.00	0.00
WSW	1.05	0.44	0.20	0.05	0.00	0.00
W	1.32	1.30	0.34	0.23	0.05	0.03
WNW	1.99	3.29	5.73	7.42	5.66	4.10
NW	1.48	3.04	5.62	8.08	4.83	3.97
NNW	0.54	1.44	1.67	0.59	0.13	0.05

CALM OBS = 0

10.0 REFERENCES

1. DCPP Interdepartmental Administrative Procedure (IDAP), RP1.ID11, "Environmental Radiological Monitoring Procedure."
2. NRC Branch Technical Position, Revision 1, November 1979.
3. DCPP Program Directive, CY2, "Radiological Monitoring and Controls Program."
4. NEI 07-07, "Industry Ground Water Protection – Final Guidance Document", August 2007
5. NRC Regulatory Issue Summary 2008-03, "Return/Re-use of Previously Discharged Radioactive Effluents"; February 13, 2008
6. "Tritium Occurrence in Groundwater at Diablo Canyon Power Plant", by S.M. Stoller Corporation
7. "Groundwater Gradient Analysis", by Entrix Corporation, March 2010
8. "Groundwater Gradient Analysis", by Cardno/Entrix Corporation, June 2012

Appendix A

RADIOLOGICAL ENVIRONMENTAL MONITORING PROGRAM SUMMARY

Table A-1
Environmental Radiological Monitoring Program Summary
Report Period: 1/1/13 - 12/31/13

Name of Facility: Diablo Canyon Power Plant

Location of Facility: San Luis Obispo, CA
 (County, State)

Medium or Pathway Sampled (Unit of Measure)	Type and Total Number of Analyses Performed	Lower Limit of Detection ^(A) (LLD)	Indicator with Highest Annual Mean Name, Distance, and Direction		All Indicator Locations		All Control Locations		Number of Reportable Occurrences
			Mean ^(B)	Range ^(B)	Mean ^(B)	Range ^(B)	Mean ^(B)	Range ^(B)	
Direct Radiation (mR/std quarter)			5S1, 0.4 mi, 58°		See Table 2.2		2F2, 4D1, 5F1		0
	TLD Badges ^(C) (378)	3 mR/qtr	23.1	21.9 - 25.3 (12/12)	16.6	9.1 - 25.3 (348/348)	20.3	10.5 - 18.7 (30/30)	
			IS4, 0.3 mi, 65°		IS1 - IS8		2F2, 4D1, 5F1		0
	ISFSI TLDs ^(D) (96)	3 mR/qtr	86.3	80.3 - 98.9 (12/12)	42.5	19.6 - 98.9 (96/96)	20.3	10.5 - 18.7 (30/30)	

Table Notation:

- (A) Sensitivity of TLD system
- (B) Mean and range based upon detectable measurements only. Fraction of detectable measurements at specified locations is indicated in parenthesis e.g., (10/12) means 10 samples out of 12 collected showed activity.
- (C) 93 TLD badges are distributed quarterly at 32 locations (29 indicator stations and 3 control stations). Each quarter there are 3 badges per station.
- (D) 24 ISFSI TLD badges are distributed quarterly at 8 locations surrounding the ISFSI protected area within the site boundary. Each quarter there are 3 badges per station.

Table A-2
Environmental Radiological Monitoring Program Summary
Report Period: 1/1/13 - 12/31/13

Name of Facility: Diablo Canyon Power Plant

Location of Facility: San Luis Obispo, CA
 (County, State)

Medium or Pathway Sampled (Unit of Measure)	Type and Total Number of Analyses Performed	Lower Limit of Detection ^(A) (LLD)	Indicator with Highest Annual Mean Name, Distance, and Direction		All Indicator Locations		All Control Locations		Number of Reportable Occurrences
			Mean ^(B)	Range ^(B)	Mean ^(B)	Range ^(B)	Mean ^(B)	Range ^(B)	
Airborne (pCi/meter ³)	Iodine (364)		7D1, 6.6 mi, 118°		0S2, 1S1, 7D1, 8S1, 8S2, MT1		5F1, 10.2 mi, 79°		0
	I-131	0.07	None Detected (0 / 52)		None Detected (0 / 312)		None Detected (0 / 52)		
Airborne (pCi/meter ³)	Air Particulates (364)		7D1, 6.6 mi, 118°		0S2, 1S1, 7D1, 8S1, 8S2, MT1		5F1, 10.2 mi, 79°		0
	Gross Beta	0.01	3.17E-2	1.98E-3 to 8.89E-2 (52/52)	2.94E-2	1.98E-3 to 8.89E-2 (312/312)	4.16E-2	7.07E-3 to 1.24E-1 (52/52)	
	Gamma Isotopic ^(C) (28)		7D1, 6.6 mi, 118°		0S2, 1S1, 7D1, 8S1, 8S2, MT1		5F1, 10.2 mi, 79°		0
	Cs-134	0.05	None Detected (0 / 4)		None Detected (0 / 24)		None Detected (0 / 4)		
Cs-137	0.06	None Detected (0 / 4)		None Detected (0 / 24)		None Detected (0 / 4)			
Airborne (uCi/meter ³)	Air Carbon-14 (52)		8S1, 0.5 mi, 125°		8S1, 0.5 mi, 125°		8S1, 0.5 mi, 125°		0
	Carbon-14	1.00E-06	None Detected (0 / 52)		None Detected (0 / 52)		None Detected (0 / 52)		

Table Notation:

(A) Unless specified, all required LLDs were met in accordance with Table 2.3

(B) Mean and range based upon detectable measurements only. Fraction of detectable measurements at specified locations is indicated in parenthesis e.g. , (10/12) means 10 samples out of 12 collected showed activity.

(C) These gamma isotopic samples are quarterly composite samples of all weekly particulate air sample filters. Approximately 13 particulate filters for each REMP location. Plant related radionuclides, not naturally occurring isotopes.

Table A-3
Environmental Radiological Monitoring Program Summary
Report Period: 1/1/13 - 12/31/13

Name of Facility: Diablo Canyon Power Plant

Location of Facility: San Luis Obispo, CA
 (County, State)

Medium or Pathway Sampled (Unit of Measure)	Type and Total Number of Analyses Performed	Lower Limit of Detection ^(A) (LLD)	Indicator with Highest Annual Mean Name, Distance, and Direction		All Indicator Locations		All Control Locations		Number of Reportable Occurrences		
			Mean ^(B)	Range ^(B)	Mean ^(B)	Range ^(B)	Mean ^(B)	Range ^(B)			
Surface Water (pCi/Liter)	Gamma Isotopic (37)		OUT, 0.2 mi, 270°		DCM, OUT		7C2, 4.7 mi, 124°				
	Mn-54	15	none detected (0/12)		none detected (0/24)		none detected (0/13)		0		
	Fe-59	30	none detected (0/12)		none detected (0/24)		none detected (0/13)		0		
	Co-58	15	none detected (0/12)		none detected (0/24)		none detected (0/13)		0		
	Co-60	15	none detected (0/12)		none detected (0/24)		none detected (0/13)		0		
	Zn-65	30	none detected (0/12)		none detected (0/24)		none detected (0/13)		0		
	Zr-95	30	none detected (0/12)		none detected (0/24)		none detected (0/13)		0		
	Nb-95	15	none detected (0/12)		none detected (0/24)		none detected (0/13)		0		
	I-131	15	none detected (0/12)		none detected (0/24)		none detected (0/13)		0		
	Cs-134	15	none detected (0/12)		none detected (0/24)		none detected (0/13)		0		
	Cs-137	18	none detected (0/12)		none detected (0/24)		none detected (0/13)		0		
	Ba-140	60	none detected (0/12)		none detected (0/24)		none detected (0/13)		0		
	La 140	15	none detected (0/12)		none detected (0/24)		none detected (0/13)		0		
	Additional Analysis										
	Gross Beta (37)	4	308	190-465 (12/12)		272	99.5-465 (24/24)		248	10.9-368 (12/13)	0
	Fe-55 (37)		none detected (0/12)		none detected (0/24)		none detected (0/13)			0	
	Ni-63 (37)		none detected (0/12)		none detected (0/24)		none detected (0/13)			0	
	Tritium H-3 (37)	400	none detected (0/12)		none detected (0/24)		none detected (0/13)			0	
	Total Sr 89/90 (37)		none detected (0/12)		none detected (0/24)		none detected (0/13)			0	

Table Notation:

(A) Unless specified, all required LLDs were met in accordance with Table 2.3

(B) Mean and range based upon detectable measurements only. Fraction of detectable measurements at specified locations is indicated in parenthesis e.g., (10/12) means 10 samples out of 12 collected showed activity.

Table A-4
Environmental Radiological Monitoring Program Summary
Report Period: 1/1/13 - 12/31/13

Name of Facility: Diablo Canyon Power Plant

Location of Facility: San Luis Obispo, CA
 (County, State)

Medium or Pathway Sampled (Unit of Measure)	Type and Total Number of Analyses Performed	Lower Limit of Detection ^(A) (LLD)	Indicator with Highest Annual Mean Name, Distance, and Direction		All Indicator Locations Mean ^(B) Range ^(B)		All Control Locations Mean ^(B) Range ^(B)		Number of Reportable Occurrences			
			Mean ^(B)	Range ^(B)	Mean ^(B)	Range ^(B)	Mean ^(B)	Range ^(B)				
Drinking Water (pCi/Liter)	Gamma Isotopic (44)		5S2, 0.6 mi, 65°		DW1, 5S2, WN2, 1A2		OEL, 10.2 mi, 79°					
	Mn-54	15	none detected (0 / 12)		none detected (0 / 32)		none detected (0 / 12)		0			
	Fe-59	30	none detected (0 / 12)		none detected (0 / 32)		none detected (0 / 12)		0			
	Co-58	15	none detected (0 / 12)		none detected (0 / 32)		none detected (0 / 12)		0			
	Co-60	15	none detected (0 / 12)		none detected (0 / 32)		none detected (0 / 12)		0			
	Zn-65	30	none detected (0 / 12)		none detected (0 / 32)		none detected (0 / 12)		0			
	Zr-95	30	none detected (0 / 12)		none detected (0 / 32)		none detected (0 / 12)		0			
	Nb-95	15	none detected (0 / 12)		none detected (0 / 32)		none detected (0 / 12)		0			
	I-131	1	none detected (0 / 12)		none detected (0 / 32)		none detected (0 / 12)		0			
	Cs-134	15	none detected (0 / 12)		none detected (0 / 32)		none detected (0 / 12)		0			
	Cs-137	18	none detected (0 / 12)		none detected (0 / 32)		none detected (0 / 12)		0			
	Ba-140	60	none detected (0 / 12)		none detected (0 / 32)		none detected (0 / 12)		0			
	La 140	15	none detected (0 / 12)		none detected (0 / 32)		none detected (0 / 12)		0			
	Additional Analysis											
	Gross Beta (44)	4	3.12	2.46-3.79 (2/12)		2.57	2.00-3.79 (7/32)		2.42	1.99-2.96 (5/12)		0
	Fe-55 (44)		none detected (0 / 12)		none detected (0 / 32)		none detected (0 / 12)				0	
	Ni-63 (44)		none detected (0 / 12)		none detected (0 / 32)		none detected (0 / 12)				0	
	Tritium H-3 (44)	400	none detected (0 / 12)		none detected (0 / 32)		none detected (0 / 12)				0	
	Total Sr 89/90 (44)		none detected (0 / 12)		none detected (0 / 32)		none detected (0 / 12)				0	

Table Notation:

(A) Unless specified, all required LLDs were met in accordance with Table 2.3

(B) Mean and range based upon detectable measurements only. Fraction of detectable measurements at specified locations is indicated in parenthesis e.g., (10/12) means 10 samples out of 12 collected showed activity.

Table A-5
Environmental Radiological Monitoring Program Summary
Report Period: 1/1/13 - 12/31/13

Name of Facility: Diablo Canyon Power Plant

Location of Facility: San Luis Obispo, CA
 (County, State)

Medium or Pathway Sampled (Unit of Measure)	Type and Total Number of Analyses Performed	Lower Limit of Detection ^(A) (LLD)	Indicator with Highest Annual Mean Name, Distance, and Direction		All Indicator Locations		All Control Locations		Number of Reportable Occurrences	
			Mean ^(B)	Range ^(B)	Mean ^(B)	Range ^(B)	Mean ^(B)	Range ^(B)		
Mussels (pCi/kg)	Gamma Isotopic (13)		DCM, 0.2 mi, 270°		DCM, PON, POS		7C2, 4.7 mi, 124°			
			Mn-54		none detected (0 / 4)		none detected (0 / 9)		none detected (0 / 4)	0
			Fe-59		none detected (0 / 4)		none detected (0 / 9)		none detected (0 / 4)	0
			Co-58		none detected (0 / 4)		none detected (0 / 9)		none detected (0 / 4)	0
			Co-60		none detected (0 / 4)		none detected (0 / 9)		none detected (0 / 4)	0
			Zn-65		none detected (0 / 4)		none detected (0 / 9)		none detected (0 / 4)	0
			Zr-95		none detected (0 / 4)		none detected (0 / 9)		none detected (0 / 4)	0
			Nb-95		none detected (0 / 4)		none detected (0 / 9)		none detected (0 / 4)	0
			I-131	60	none detected (0 / 4)		none detected (0 / 9)		none detected (0 / 4)	0
			Cs-134	60	none detected (0 / 4)		none detected (0 / 9)		none detected (0 / 4)	0
			Cs-137	80	none detected (0 / 4)		none detected (0 / 9)		none detected (0 / 4)	0
			Ba-140		none detected (0 / 4)		none detected (0 / 9)		none detected (0 / 4)	0
			La-140		none detected (0 / 4)		none detected (0 / 9)		none detected (0 / 4)	0

Table Notation:

(A) Unless specified, all required LLDs were met in accordance with Table 2.3

(B) Mean and range based upon detectable measurements only. Fraction of detectable measurements at specified locations is indicated in parenthesis e.g. , (10/12) means 10 samples out of 12 collected showed activity.

Table A-6
Environmental Radiological Monitoring Program Summary
Report Period: 1/1/13 - 12/31/13

Name of Facility: Diablo Canyon Power Plant

Location of Facility: San Luis Obispo, CA
 (County, State)

Medium or Pathway Sampled (Unit of Measure)	Type and Total Number of Analyses Performed	Lower Limit of Detection ^(A) (LLD)	Indicator with Highest Annual Mean Name, Distance, and Direction		All Indicator Locations		All Control Locations		Number of Reportable Occurrences		
			Mean ^(B)	Range ^(B)	Mean ^(B)	Range ^(B)	Mean ^(B)	Range ^(B)			
Fish (pCi/kg)	Gamma Isotopic (37)		2F1, 10.9 mi, 0°		DCM, PON, POS, 2F1, 7D3		7C2, 4.7 mi, 124°				
		Mn-54	130	none detected (0 / 4)		none detected (0 / 29)		none detected (0 / 8)		0	
		Fe-59	260	none detected (0 / 4)		none detected (0 / 29)		none detected (0 / 8)		0	
		Co-58	130	none detected (0 / 4)		none detected (0 / 29)		none detected (0 / 8)		0	
		Co-60	130	none detected (0 / 4)		none detected (0 / 29)		none detected (0 / 8)		0	
		Zn-65	260	none detected (0 / 4)		none detected (0 / 29)		none detected (0 / 8)		0	
		Zr-95		none detected (0 / 4)		none detected (0 / 29)		none detected (0 / 8)		0	
		Nb-95		none detected (0 / 4)		none detected (0 / 29)		none detected (0 / 8)		0	
		I-131		none detected (0 / 4)		none detected (0 / 29)		none detected (0 / 8)		0	
		Cs-134	130	none detected (0 / 4)		none detected (0 / 29)		none detected (0 / 8)		0	
		Cs-137	150	5.50	5.16-5.84 (2 / 4)		5.05	4.15-5.84 (3 / 29)		none detected (0 / 8)	0
		Ba-140		none detected (0 / 4)		none detected (0 / 29)		none detected (0 / 8)		0	
		La-140		none detected (0 / 4)		none detected (0 / 29)		none detected (0 / 8)		0	

Table Notation:

(A) Unless specified, all required LLDs were met in accordance with Table 2.3

(B) Mean and range based upon detectable measurements only. Fraction of detectable measurements at specified locations is indicated in parenthesis e.g. , (10/12) means 10 samples out of 12 collected showed activity.

Table A-7
Environmental Radiological Monitoring Program Summary
Report Period: 1/1/13 - 12/31/13

Name of Facility: Diablo Canyon Power Plant

Location of Facility: San Luis Obispo, CA
 (County, State)

Medium or Pathway Sampled (Unit of Measure)	Type and Total Number of Analyses Performed	Lower Limit of Detection ^(A) (LLD)	Indicator with Highest Annual Mean Name, Distance, and Direction		Indicator Locations		All Control Locations		Number of Reportable Occurrences
			Mean ^(B)	Range ^(B)	Mean ^(B)	Range ^(B)	Mean ^(B)	Range ^(B)	
Algae* (pCi/kg)	Gamma Isotopic (8)		DCM, 0.2 miles, 270°		DCM, 0.2 miles, 270°		7C2, 4.7 miles, 124°		
		Mn-54		none detected (0/4)	none detected (0/4)	none detected (0/4)	0		
		Fe-59		none detected (0/4)	none detected (0/4)	none detected (0/4)	0		
		Co-58		none detected (0/4)	none detected (0/4)	none detected (0/4)	0		
		Co-60		none detected (0/4)	none detected (0/4)	none detected (0/4)	0		
		Zn-65		none detected (0/4)	none detected (0/4)	none detected (0/4)	0		
		Zr-95		none detected (0/4)	none detected (0/4)	none detected (0/4)	0		
		Nb-95		none detected (0/4)	none detected (0/4)	none detected (0/4)	0		
		I-131	60	none detected (0/4)	none detected (0/4)	none detected (0/4)	0		
		Cs-134	60	none detected (0/4)	none detected (0/4)	none detected (0/4)	0		
		Cs-137	80	none detected (0/4)	none detected (0/4)	none detected (0/4)	0		
		Ba-140		none detected (0/4)	none detected (0/4)	none detected (0/4)	0		
		La-140		none detected (0/4)	none detected (0/4)	none detected (0/4)	0		

Table Notation:

(A) Unless specified, all required LLDs were met in accordance with Table 2.3

(B) Mean and range based upon detectable measurements only. Fraction of detectable measurements at specified locations is indicated in parenthesis e.g. , (10/12) means 10 samples out of 12 collected showed activity.

* These samples are supplemental samples.

Table A-8
Environmental Radiological Monitoring Program Summary
Report Period: 1/1/13 - 12/31/13

Name of Facility: Diablo Canyon Power Plant

Location of Facility: San Luis Obispo, CA
 (County, State)

Medium or Pathway Sampled (Unit of Measure)	Type and Total Number of Analyses Performed	Lower Limit of Detection ^(A) (LLD)	Indicator with Highest Annual Mean Name, Distance, and Direction		All Indicator Locations		All Control Locations		Number of Reportable Occurrences
			Mean ^(B)	Range ^(B)	Mean ^(B)	Range ^(B)	Mean ^(B)	Range ^(B)	
Kelp* (pCi/kg)	Gamma Isotopic (16)		DCM, 0.2 mi, 270°	DCM, PON, POS	7C2, 4.7 mi, 124°				
		Mn-54		none detected (0 / 4)	none detected (0 / 12)	none detected (0 / 4)			0
		Fe-59		none detected (0 / 4)	none detected (0 / 12)	none detected (0 / 4)			0
		Co-58		none detected (0 / 4)	none detected (0 / 12)	none detected (0 / 4)			0
		Co-60		none detected (0 / 4)	none detected (0 / 12)	none detected (0 / 4)			0
		Zn-65		none detected (0 / 4)	none detected (0 / 12)	none detected (0 / 4)			0
		Zr-95		none detected (0 / 4)	none detected (0 / 12)	none detected (0 / 4)			0
		Nb-95		none detected (0 / 4)	none detected (0 / 12)	none detected (0 / 4)			0
		I-131	60	none detected (0 / 4)	none detected (0 / 12)	none detected (0 / 4)			0
		Cs-134	60	none detected (0 / 4)	none detected (0 / 12)	none detected (0 / 4)			0
		Cs-137	80	none detected (0 / 4)	none detected (0 / 12)	none detected (0 / 4)			0
		Ba-140		none detected (0 / 4)	none detected (0 / 12)	none detected (0 / 4)			0
		La-140		none detected (0 / 4)	none detected (0 / 12)	none detected (0 / 4)			0

Table Notation:

(A) Unless specified, all required LLDs were met in accordance with Table 2.3

(B) Mean and range based upon detectable measurements only. Fraction of detectable measurements at specified locations is indicated in parenthesis e.g. , (10/12) means 10 samples out of 12 collected showed activity.

* These samples are supplemental samples.

Table A-9
Environmental Radiological Monitoring Program Summary
Report Period: 1/1/13 - 12/31/13

Name of Facility: Diablo Canyon Power Plant

Location of Facility: San Luis Obispo, CA
 (County, State)

Medium or Pathway Sampled (Unit of Measure)	Type and Total Number of Analyses Performed	Lower Limit of Detection ^(A) (LLD)	Indicator with Highest Annual Mean Name, Distance, and Direction Mean ^(B) Range ^(B)	All Indicator Locations		All Control Locations		Number of Reportable Occurrences
				Mean ^(B)	Range ^(B)	Mean ^(B)	Range ^(B)	
Vegetative Crops (pCi/kg)			6C1, 4.5 mi, 98°	3C1, 6C1, 5F2, 7C1	7G1, 16.8 mi, 115°			
	Gamma Isotopic (50)							
	Mn-54		None Detected (0 / 4)	None Detected (0 / 37)	None Detected (0 / 13)			0
	Fe-59		None Detected (0 / 4)	None Detected (0 / 37)	None Detected (0 / 13)			0
	Co-58		None Detected (0 / 4)	None Detected (0 / 37)	None Detected (0 / 13)			0
	Co-60		None Detected (0 / 4)	None Detected (0 / 37)	None Detected (0 / 13)			0
	Zn-65		None Detected (0 / 4)	None Detected (0 / 37)	None Detected (0 / 13)			0
	Zr-95		None Detected (0 / 4)	None Detected (0 / 37)	None Detected (0 / 13)			0
	Nb-95		None Detected (0 / 4)	None Detected (0 / 37)	None Detected (0 / 13)			0
	I-131	60	None Detected (0 / 4)	None Detected (0 / 37)	None Detected (0 / 13)			0
	Cs-134	60	None Detected (0 / 4)	None Detected (0 / 37)	None Detected (0 / 13)			0
	Cs-137	80	None Detected (0 / 4)	None Detected (0 / 37)	None Detected (0 / 13)			0
	Ba-140		None Detected (0 / 4)	None Detected (0 / 37)	None Detected (0 / 13)			0
	La-140		None Detected (0 / 4)	None Detected (0 / 37)	None Detected (0 / 13)			0

Table Notation:

(A) Unless specified, all required LLDs were met in accordance with Table 2.3

(B) Mean and range based upon detectable measurements only. Fraction of detectable measurements at specified locations is indicated in parenthesis e.g., (10/12) means 10 samples out of 12 collected showed activity.

Table A-10
Environmental Radiological Monitoring Program Summary
Report Period: 1/1/13 - 12/31/13

Name of Facility: Diablo Canyon Power Plant

Location of Facility: San Luis Obispo, CA
 (County, State)

Medium or Pathway Sampled (Unit of Measure)	Type and Total Number of Analyses Performed	Lower Limit of Detection ^(A) (LLD)	Indicator with Highest Annual Mean Name, Distance, and Direction		Indicator Locations		All Control Locations		Number of Reportable Occurrences
			Mean ^(B)	Range ^(B)	Mean ^(B)	Range ^(B)	Mean ^(B)	Range ^(B)	
Milk (pCi/Liter)							5F2, 12.6 mi, 60°		
	Iodine extraction (12)								
	I-131	1	Not Applicable		Not Applicable		None Detected (0 / 12)		0
	Gamma Isotopic (12)								
	Mn-54		Not Applicable		Not Applicable		None Detected (0 / 12)		0
	Fe-59		Not Applicable		Not Applicable		None Detected (0 / 12)		0
	Co-58		Not Applicable		Not Applicable		None Detected (0 / 12)		0
	Co-60		Not Applicable		Not Applicable		None Detected (0 / 12)		0
	Zn-65		Not Applicable		Not Applicable		None Detected (0 / 12)		0
	Zr-95		Not Applicable		Not Applicable		None Detected (0 / 12)		0
	Nb-95		Not Applicable		Not Applicable		None Detected (0 / 12)		0
	Cs-134	15	Not Applicable		Not Applicable		None Detected (0 / 12)		0
	Cs-137	18	Not Applicable		Not Applicable		None Detected (0 / 12)		0
	Ba-140	60	Not Applicable		Not Applicable		None Detected (0 / 12)		0
	La-140	15	Not Applicable		Not Applicable		None Detected (0 / 12)		0
	Total Sr 89/90 (12)		Not Applicable		Not Applicable		None Detected (0 / 12)		0

Table Notation:

(A) Unless specified, all required LLDs were met in accordance with Table 2.3

(B) Mean and range based upon detectable measurements only. Fraction of detectable measurements at specified locations is indicated in parenthesis e.g. , (10/12) means 10 samples out of 12 collected showed activity.

Table A-11
Environmental Radiological Monitoring Program Summary
Report Period: 1/1/13 - 12/31/13

Name of Facility: Diablo Canyon Power Plant

Location of Facility: San Luis Obispo, CA
 (County, State)

Medium or Pathway Sampled (Unit of Measure)	Type and Total Number of Analyses Performed	Lower Limit of Detection ^(A) (LLD)	Indicator with Highest Annual Mean Name, Distance, and Direction		All Indicator Locations		All Control Locations		Number of Reportable Occurrences		
			Mean ^(B)	Range ^(B)	Mean ^(B)	Range ^(B)	Mean ^(B)	Range ^(B)			
Meat (pCi/kg)	Gamma Isotopic (14)		BCM, 1.5 mi, 331°		BCM, BGM, BSM		HCM, 37 mi, 328°				
		Mn-54		none detected (0 / 4)		none detected (0 / 10)		none detected (0 / 4)		0	
		Fe-59		none detected (0 / 4)		none detected (0 / 10)		none detected (0 / 4)		0	
		Co-58		none detected (0 / 4)		none detected (0 / 10)		none detected (0 / 4)		0	
		Co-60		none detected (0 / 4)		none detected (0 / 10)		none detected (0 / 4)		0	
		Zn-65		none detected (0 / 4)		none detected (0 / 10)		none detected (0 / 4)		0	
		Zr-95		none detected (0 / 4)		none detected (0 / 10)		none detected (0 / 4)		0	
		Nb-95		none detected (0 / 4)		none detected (0 / 10)		none detected (0 / 4)		0	
		I-131	60	none detected (0 / 4)		none detected (0 / 10)		none detected (0 / 4)		0	
		Cs-134	60	none detected (0 / 4)		none detected (0 / 10)		none detected (0 / 4)		0	
		Cs-137	80	none detected (0 / 4)		none detected (0 / 10)		19.0	19.0 (1 / 4)	0	
		Ba-140		none detected (0 / 4)		none detected (0 / 10)		none detected (0 / 4)		0	
		La-140		none detected (0 / 4)		none detected (0 / 10)		none detected (0 / 4)		0	
		Total Sr 89/90 (14)			none detected (0 / 4)		none detected (0 / 10)		none detected (0 / 4)		0

Table Notation:

(A) Unless specified, all required LLDs were met in accordance with Table 2.3

(B) Mean and range based upon detectable measurements only. Fraction of detectable measurements at specified locations is indicated in parenthesis,

e.g. (10/12) means 10 samples out of 12 collected showed activity.

Note: Cs-137 was due to Fukushima Japan Event.

Table A-12
Environmental Radiological Monitoring Program Summary
Report Period: 1/1/13 - 12/31/13

Name of Facility: Diablo Canyon Power Plant

Location of Facility: San Luis Obispo, CA
 (County, State)

Medium or Pathway Sampled (Unit of Measure)	Type and Total Number of Analyses Performed	Lower Limit of Detection ^(A) (LLD)	Indicator with Highest Annual Mean Name, Distance, and Direction Mean ^(B) Range ^(B)	Indicator Locations		Control Locations		Number of Reportable Occurrences
				Mean ^(B)	Range ^(B)	Mean ^(B)	Range ^(B)	
Ocean Sediment (pCi/kg dry)			DCM, 0.2 mi, 270°	DCM, 0.2 mi, 270°	7C2, 4.7 mi, 124°			
		Gamma Isotopic (2)						
	Mn-54	150	none detected (0 / 1)	none detected (0 / 1)	none detected (0 / 1)	0		
	Fe-59	300	none detected (0 / 1)	none detected (0 / 1)	none detected (0 / 1)	0		
	Co-58	150	none detected (0 / 1)	none detected (0 / 1)	none detected (0 / 1)	0		
	Co-60	150	none detected (0 / 1)	none detected (0 / 1)	none detected (0 / 1)	0		
	Zn-65	300	none detected (0 / 1)	none detected (0 / 1)	none detected (0 / 1)	0		
	Zr-95	300	none detected (0 / 1)	none detected (0 / 1)	none detected (0 / 1)	0		
	Nb-95	150	none detected (0 / 1)	none detected (0 / 1)	none detected (0 / 1)	0		
	I-131		none detected (0 / 1)	none detected (0 / 1)	none detected (0 / 1)	0		
	Cs-134	150	none detected (0 / 1)	none detected (0 / 1)	none detected (0 / 1)	0		
	Cs-137	180	none detected (0 / 1)	none detected (0 / 1)	none detected (0 / 1)	0		
	Ba-140	600	none detected (0 / 1)	none detected (0 / 1)	none detected (0 / 1)	0		
	La-140	150	none detected (0 / 1)	none detected (0 / 1)	none detected (0 / 1)	0		
	Fe-55 (2)		none detected (0 / 1)	none detected (0 / 1)	none detected (0 / 1)	0		
	Ni-63 (2)		none detected (0 / 1)	none detected (0 / 1)	none detected (0 / 1)	0		
	Total Sr 89/90 (2)		none detected (0 / 1)	none detected (0 / 1)	none detected (0 / 1)	0		

Table Notation:

(A) Unless specified, all required LLDs were met in accordance with Table 2.3

(B) Mean and range based upon detectable measurements only. Fraction of detectable measurements at specified locations is indicated in parenthesis e.g. , (10/12) means 10 samples out of 12 collected showed activity.

Table A-13
Environmental Radiological Monitoring Program Summary
Report Period: 1/1/13 - 12/31/13

Name of Facility: Diablo Canyon Power Plant

Location of Facility: San Luis Obispo, CA
 (County, State)

Medium or Pathway Sampled (Unit of Measure)	Type and Total Number of Analyses Performed	Lower Limit of Detection ^(A) (LLD)	Indicator with Highest Annual Mean		All Indicator Locations		All Control Locations		Number of Reportable Occurrences	
			Name, Distance, and Direction Mean ^(B) Range ^(B)	Mean ^(B) Range ^(B)	Mean ^(B) Range ^(B)					
Beach Sand (pCi/kg dry)			AVA, 7.3 mi, 109°		AVA, MDO, PMO, CYA		CBA, 28.5 mi, 330°			
	Gamma Isotopic (10)									
		Mn-54	150	none detected (0 / 2)		none detected (0 / 8)		none detected (0 / 2)		0
		Fe-59	300	none detected (0 / 2)		none detected (0 / 8)		none detected (0 / 2)		0
		Co-58	150	none detected (0 / 2)		none detected (0 / 8)		none detected (0 / 2)		0
		Co-60	150	none detected (0 / 2)		none detected (0 / 8)		none detected (0 / 2)		0
		Zn-65	300	none detected (0 / 2)		none detected (0 / 8)		none detected (0 / 2)		0
		Zr-95	300	none detected (0 / 2)		none detected (0 / 8)		none detected (0 / 2)		0
		Nb-95	150	none detected (0 / 2)		none detected (0 / 8)		none detected (0 / 2)		0
		I-131		none detected (0 / 2)		none detected (0 / 8)		none detected (0 / 2)		0
		Cs-134	150	none detected (0 / 2)		none detected (0 / 8)		none detected (0 / 2)		0
		Cs-137	180	none detected (0 / 2)		none detected (0 / 8)		none detected (0 / 2)		0
		Ba-140	600	none detected (0 / 2)		none detected (0 / 8)		none detected (0 / 2)		0
		La-140	150	none detected (0 / 2)		none detected (0 / 8)		none detected (0 / 2)		0
		Fe-55 (10)		none detected (0 / 2)		none detected (0 / 8)		none detected (0 / 2)		0
	Ni-63 (10)		none detected (0 / 2)		none detected (0 / 8)		none detected (0 / 2)		0	
	Total Sr 89/90 (10)		none detected (0 / 2)		none detected (0 / 8)		none detected (0 / 2)		0	

Table Notation:

(A) Unless specified, all required LLDs were met in accordance with Table 2.3

(B) Mean and range based upon detectable measurements only. Fraction of detectable measurements at specified locations is indicated in parenthesis e.g. , (10/12) means 10 samples out of 12 collected showed activity.

Table A-14
Environmental Radiological Monitoring Program Summary
Report Period: 1/1/13 - 12/31/13

Name of Facility: Diablo Canyon Power Plant

Location of Facility: San Luis Obispo, CA
 (County, State)

Medium or Pathway Sampled (Unit of Measure)	Type and Total Number of Analyses Performed	Lower Limit of Detection ^(A) (LLD)	Indicator with Highest Annual Mean Name, Distance, and Direction		All Indicator Locations		All Control Locations		Number of Reportable Occurrences	
			Mean ^(B)	Range ^(B)	Mean ^(B)	Range ^(B)	Mean ^(B)	Range ^(B)		
Groundwater (pCi/Liter)			8S3, 0.3 mi, 145°		8S3, 0.3 mi, 145°		WW2, 0.6 mi, 70°			
			Gamma Isotopic (10)							
		Mn-54	15	none detected (0 / 4)		none detected (0 / 4)		none detected (0 / 6)		0
		Fe-59	30	none detected (0 / 4)		none detected (0 / 4)		none detected (0 / 6)		0
		Co-58	15	none detected (0 / 4)		none detected (0 / 4)		none detected (0 / 6)		0
		Co-60	15	none detected (0 / 4)		none detected (0 / 4)		none detected (0 / 6)		0
		Zn-65	30	none detected (0 / 4)		none detected (0 / 4)		none detected (0 / 6)		0
		Zr-95	30	none detected (0 / 4)		none detected (0 / 4)		none detected (0 / 6)		0
		Nb-95	15	none detected (0 / 4)		none detected (0 / 4)		none detected (0 / 6)		0
		I-131	15	none detected (0 / 4)		none detected (0 / 4)		none detected (0 / 6)		0
		Cs-134	15	none detected (0 / 4)		none detected (0 / 4)		none detected (0 / 6)		0
		Cs-137	18	none detected (0 / 4)		none detected (0 / 4)		none detected (0 / 6)		0
		Ba-140	60	none detected (0 / 4)		none detected (0 / 4)		none detected (0 / 6)		0
		La-140	15	none detected (0 / 4)		none detected (0 / 4)		none detected (0 / 6)		0
		Gross Beta (10)	4	6.74	4.57-8.52 (4/4)	6.74	4.57-8.52 (4/4)	4.52	2.07-6.92 (4/6)	0
		Fe-55 (10)		none detected (0 / 4)		none detected (0 / 4)		none detected (0 / 6)		0
		Ni-63 (10)		none detected (0 / 4)		none detected (0 / 4)		none detected (0 / 6)		0
	Total Sr 89/90 (10)		none detected (0 / 4)		none detected (0 / 4)		none detected (0 / 6)		0	
	Tritium H-3 (10)	400	314	314 (1/4)	314	314 (1/4)	none detected (0 / 6)		0	

Table Notation:

(A) Unless specified, all required LLDs were met in accordance with Table 2.3

(B) Mean and range based upon detectable measurements only. Fraction of detectable measurements at specified locations is indicated in parenthesis e.g. , (10/12) means 10 samples out of 12 collected showed activity.

Note : Tritium concentrations due to rain washout of an approved airborne discharge pathway from plant vents.

Table A-15
Environmental Radiological Monitoring Program Summary
Report Period: 1/1/13 - 12/31/13

Name of Facility: Diablo Canyon Power Plant

Location of Facility: San Luis Obispo, CA
 (County, State)

Medium or Pathway Sampled (Unit of Measure)	Type and Total Number of Analyses Performed	Lower Limit of Detection ^(A) (LLD)	Indicator with Highest Annual Mean Name, Distance, and Direction		All Indicator Locations		All Control Locations		Number of Reportable Occurrences
			Mean ^(B)	Range ^(B)	Mean ^(B)	Range ^(B)	Mean ^(B)	Range ^(B)	
Monitoring Wells (pCi/Liter)	Gamma Isotopic (22)		DY1, 0.03 mi, 77°		DY1, GW1, GW2, OW1, OW2		WW2, 0.6 mi, 70°		
	Mn-54	15	none detected (0/4)		none detected (0/16)		none detected (0/6)		0
	Fe-59	30	none detected (0/4)		none detected (0/16)		none detected (0/6)		0
	Co-58	15	none detected (0/4)		none detected (0/16)		none detected (0/6)		0
	Co-60	15	none detected (0/4)		none detected (0/16)		none detected (0/6)		0
	Zn-65	30	none detected (0/4)		none detected (0/16)		none detected (0/6)		0
	Zr-95	30	none detected (0/4)		none detected (0/16)		none detected (0/6)		0
	Nb-95	15	none detected (0/4)		none detected (0/16)		none detected (0/6)		0
	I-131	15	none detected (0/4)		none detected (0/16)		none detected (0/6)		0
	Cs-134	15	none detected (0/4)		none detected (0/16)		none detected (0/6)		0
	Cs-137	18	2.22	2.22 (1/4)	2.22	2.22 (1/16)	none detected (0/6)		0
	Ba-140	60	none detected (0/4)		none detected (0/16)		none detected (0/6)		0
	La-140	15	none detected (0/4)		none detected (0/16)		none detected (0/6)		0
	Gross Beta (22)	4	41.9	33.8 to 55.8 (4/4)	22.7	4.25 to 55.8 (13/16)	4.52	2.07 to 6.92 (4/6)	0
	Fe-55 (22)		none detected (0/4)		none detected (0/16)		none detected (0/6)		0
	Ni-63 (22)		none detected (0/4)		none detected (0/16)		none detected (0/6)		0
	Total Sr 89/90 (22)		none detected (0/4)		none detected (0/16)		none detected (0/6)		0
Tritium H-3 (22)	400	10,900	8,710 to 13,700 (4/4)	5,444	316 to 13,700 (9/16)	none detected (0/6)		0	

Table Notation:

(A) Unless specified, all required LLDs were met in accordance with Table 2.3

(B) Mean and range based upon detectable measurements only. Fraction of detectable measurements at specified locations is indicated in parenthesis e.g., (10/12) means 10 samples out of 12 collected showed activity.

Note : Monitoring well tritium concentrations due to rain washout of an approved airborne discharge pathway from plant vents.

Note : Cs137 due to Fukushima Japan event.

APPENDIX B
DIRECT RADIATION RESULTS

2013 DCP Environmental TLD results per standard quarter

Station ID	2013 Quarter								2013 ANNUAL			
	1st Qtr		2nd Qtr		3rd Qtr		4th Qtr		Total	Avg	Std Dev	2x Std Dev
	Avg	Std err	Avg	Std err	Avg	Std err	Avg	Std err				
MT1	21	1.3	20.3	1.1	22	1.3	21.6	1.2	84.9	21.2	0.7	1.5
WN1	12.5	0.6	11.4	0.5	13.3	0.8	14.7	1.0	51.9	13.0	1.4	2.8
OS1	21	0.9	20.4	1.2	21.2	0.9	23.9	1.8	86.5	21.6	1.6	3.1
5S1	22.4	1	21.9	0.4	22.6	1.5	25.3	1.2	92.2	23.1	1.5	3.1
6S1	12.6	0.5	12.4	0.5	14.6	1.1	14.0	0.9	53.6	13.4	1.1	2.1
8S1	16.7	0.8	15.9	0.7	17.4	0.7	18.1	1.0	68.1	17.0	0.9	1.9
8S2	19.8	0.9	19.7	1.6	21.3	0.8	21.9	1.7	82.7	20.7	1.1	2.2
5S3	18	0.5	18.2	1.5	19.3	1	19.8	0.8	75.3	18.8	0.9	1.7
2F2	n/a	n/a	n/a	n/a	13.5	0.5	14.9	0.6	28.4	14.2	1.0	2.0
2D1	12.5	0.4	12.1	0.8	12.6	0.6	15.1	0.6	52.3	13.1	1.4	2.7
4D1	10.5	0.4	10.9	0.4	12.2	0.7	12.8	0.6	46.4	11.6	1.1	2.2
5F1	16.2	0.6	16.6	0.9	18	1	18.7	1.1	69.5	17.4	1.2	2.3
1A1	11.2	0.4	11.2	0.5	11.7	0.5	13.3	0.9	47.4	11.9	1.0	2.0
7D2	15.9	0.6	15.7	0.5	16.1	0.6	18.3	1.0	66.0	16.5	1.2	2.4
7G2	17.3	1	15.7	0.6	17.2	0.5	18.8	1.0	69.0	17.3	1.3	2.5
7C1	17.1	0.8	16.6	0.9	18	0.8	19.2	1.0	70.9	17.7	1.1	2.3
7F1	16.7	0.9	15.4	0.7	16.7	0.8	18.1	1.5	66.9	16.7	1.1	2.2
OB1	9.1	0.3	9.5	0.7	10.5	0.9	11.9	0.5	41.0	10.3	1.2	2.5
7D1	9.5	0.4	10.4	0.5	11.6	0.7	12.1	0.7	43.6	10.9	1.2	2.3
4C1	9.2	0.4	9.8	0.5	10.6	0.5	11.4	0.8	41.0	10.3	1.0	1.9
OS2	17.5	1.9	17.5	0.9	18.1	1.1	18.3	0.8	71.4	17.9	0.4	0.8
1S1	15.9	0.7	17.4	0.9	17.2	0.9	18.7	1.2	69.2	17.3	1.1	2.3
2S1	15.5	1.5	16.1	1.4	16.4	1.1	18.5	1.3	66.5	16.6	1.3	2.6
3S1	20.8	1.1	20.1	1.1	20.3	1.1	23.1	1.5	84.3	21.1	1.4	2.8
4S1	18.3	0.6	19.4	1	20.2	1	21.6	1.3	79.5	19.9	1.4	2.8
7S1	20.4	0.5	20.3	0.9	21.1	1.6	22.4	1.0	84.2	21.1	1.0	1.9
9S1	22	1.4	20.6	1.4	23.2	2	24.4	1.1	90.2	22.6	1.6	3.3
1C1	12.7	0.6	12.7	0.6	12.9	0.7	13.7	0.8	52.0	13.0	0.5	1.0
5C1	14.2	0.7	13.8	0.8	16.6	1	16.5	0.9	61.1	15.3	1.5	3.0
3D1	11.5	0.6	11.7	0.8	12.9	1.1	13.7	0.5	49.8	12.5	1.0	2.1
6D1	12.6	0.7	14	0.6	15.5	0.9	15.4	0.8	57.5	14.4	1.4	2.7
5F3	15.9	0.8	16.7	0.8	16.9	1	17.5	0.9	67.0	16.8	0.7	1.3
IS-1	21.4	2.1	23.7	1.3	24.1	0.9	25.9	0.1	95.1	23.8	1.9	3.7
IS-2	24.1	0.5	23.8	0.6	23.7	1.2	26.4	1.9	98.0	24.5	1.3	2.6
IS-3	36.1	0.5	32.5	0.5	34.5	0.5	32.9	2.0	136.0	34.0	1.6	3.3
IS-4	80.3	3.5	84	5.9	82	2.2	98.9	4.2	345.2	86.3	8.5	17.1
IS-5	60.8	1.7	57.3	1.8	58.3	2.7	56.4	2.2	232.8	58.2	1.9	3.8
IS-6	54.1	1.1	51.3	2.7	51.9	4.5	56.7	1.0	214.0	53.5	2.4	4.9
IS-7	36.9	2.9	36	2.2	37.7	0.4	39.8	3.0	150.4	37.6	1.6	3.2
IS-8	19.6	0.7	21.4	1.3	21.4	1.2	25.6	2.5	88.0	22.0	2.5	5.1

Individual Environmental TLD Historical Ranges **						
Station Code	Pre-2013 Historical Low Qtr mrem	2013 Low Qtr mrem	Pre-2013 Historical Average mrem	2013 High Qtr mrem	Pre-2013 Historical High Qtr mrem	2013 Results outside Historical range? Yes / No
MT1	13.2	20.3	20.9	22.0	26.3	No
WN1	8.8	11.4	12.6	14.7	18.4	No
OS1	12.5	20.4	20.2	23.9	26.0	No
5S1	17.3	21.9	22.9	25.3	29.1	No
6S1	10.0	12.4	13.9	14.6	19.3	No
8S1	11.1	15.9	16.4	18.1	20.8	No
8S2	13.6	19.7	20.4	21.9	26.9	No
5S3	12.2	18.0	18.7	19.8	25.1	No
2F2	8.8	13.5	13.8	14.9	18.6	No
2D1	8.3	12.1	12.3	15.1	15.8	No
4D1	7.9	10.5	12.1	12.8	20.8	No
5F1	10.7	16.2	17.6	18.7	23.7	No
1A1	8.2	11.2	12.0	13.3	17.8	No
7D2	12.0	15.7	16.6	18.3	27.7	No
7G2	13.7	15.7	17.3	18.8	27.7	No
7C1	14.4	16.6	17.9	19.2	23.1	No
7F1	13.6	15.4	16.7	18.1	23.6	No
OB1	8.3	9.1	10.2	11.9	17.9	No
7D1	9.7	9.5	11.7	12.1	23.3	* Yes, low
4C1	8.5	9.2	10.9	11.4	18.4	No
OS2	14.3	17.5	17.1	18.3	22.1	No
1S1	13.5	15.9	16.8	18.7	21.7	No
2S1	13.3	15.5	16.9	18.5	23.3	No
3S1	16.4	20.1	20.4	23.1	26.2	No
4S1	15.0	18.3	18.9	21.6	26.4	No
7S1	14.3	20.3	18.4	22.4	26.1	No
9S1	12.8	20.6	21.8	24.4	26.7	No
1C1	10.3	12.7	13.3	13.7	19.4	No
5C1	12.3	13.8	16.4	16.6	21.3	No
3D1	9.6	11.5	12.8	13.7	22.2	No
6D1	11.7	12.6	15.3	15.5	23.1	No
5F3	13.3	15.9	19.4	17.5	25.0	No
IS-1	22.0	21.4	23.5	25.9	25.2	* Yes, low & high
IS-2	21.8	23.7	24.0	26.4	26.1	* Yes, high
IS-3	22.5	32.5	33.0	36.1	38.2	No
IS-4	23.1	80.3	68.3	98.9	94.1	* Yes, high
IS-5	23.1	56.4	58.3	60.8	78.1	No
IS-6	21.9	51.3	46.8	56.7	58.8	No
IS-7	19.5	36.0	34.2	39.8	38.9	* Yes, high
IS-8	19.0	19.6	21.3	25.6	22.8	* Yes, high

* Yes due to ISFSI loading or minor statistical error

** Exposure comparison data range from 1987 to 2012

APPENDIX C
ANALYTICAL SAMPLE RESULTS

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2013 DCPD Analysis Results - Appendix C

OS2 North Gate - Air Charcoal

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
OS2 North Gate(318098014) - AC	5-Jan-13	Iodine-131	-7.67E-03	1.92E-02	1.25E-02	pCi/m3
OS2 North Gate(318596014) - AC	12-Jan-13	Iodine-131	1.83E-03	1.91E-02	1.10E-02	pCi/m3
OS2 North Gate(319014014) - AC	19-Jan-13	Iodine-131	-3.25E-03	9.88E-03	6.49E-03	pCi/m3
OS2 North Gate(319444014) - AC	26-Jan-13	Iodine-131	-1.53E-03	1.18E-02	7.22E-03	pCi/m3
OS2 North Gate(319881014) - AC	2-Feb-13	Iodine-131	2.66E-03	1.21E-02	6.97E-03	pCi/m3
OS2 North Gate(320343014) - AC	10-Feb-13	Iodine-131	-8.18E-04	1.61E-02	9.79E-03	pCi/m3
OS2 North Gate(320741014) - AC	17-Feb-13	Iodine-131	-3.99E-03	9.16E-03	6.47E-03	pCi/m3
OS2 North Gate(321140014) - AC	23-Feb-13	Iodine-131	-3.02E-03	1.09E-02	7.02E-03	pCi/m3
OS2 North Gate(321493014) - AC	3-Mar-13	Iodine-131	1.41E-02	1.91E-02	1.67E-02	pCi/m3
OS2 North Gate(321894012) - AC	9-Mar-13	Iodine-131	1.72E-03	1.14E-02	6.36E-03	pCi/m3
OS2 North Gate(322325014) - AC	16-Mar-13	Iodine-131	-8.27E-04	1.45E-02	8.55E-03	pCi/m3
OS2 North Gate(322681014) - AC	23-Mar-13	Iodine-131	-1.66E-03	9.48E-03	6.94E-03	pCi/m3
OS2 North Gate(323029014) - AC	30-Mar-13	Iodine-131	1.88E-03	1.05E-02	5.90E-03	pCi/m3
OS2 North Gate(323662014) - AC	6-Apr-13	Iodine-131	4.53E-03	1.39E-02	8.14E-03	pCi/m3
OS2 North Gate(324138014) - AC	13-Apr-13	Iodine-131	7.62E-03	1.77E-02	1.01E-02	pCi/m3
OS2 North Gate(324540014) - AC	20-Apr-13	Iodine-131	-7.80E-04	1.10E-02	6.73E-03	pCi/m3
OS2 North Gate(324940014) - AC	27-Apr-13	Iodine-131	1.05E-03	1.09E-02	6.27E-03	pCi/m3
OS2 North Gate(325447014) - AC	4-May-13	Iodine-131	1.21E-03	1.62E-02	9.42E-03	pCi/m3
OS2 North Gate(325880014) - AC	11-May-13	Iodine-131	-6.32E-03	1.26E-02	9.34E-03	pCi/m3
OS2 North Gate(326386014) - AC	18-May-13	Iodine-131	4.75E-03	1.42E-02	7.92E-03	pCi/m3
OS2 North Gate(326684014) - AC	25-May-13	Iodine-131	-8.46E-04	1.19E-02	7.08E-03	pCi/m3
OS2 North Gate(327062014) - AC	1-Jun-13	Iodine-131	9.78E-05	1.22E-02	7.27E-03	pCi/m3
OS2 North Gate(327575014) - AC	8-Jun-13	Iodine-131	5.08E-03	1.36E-02	7.90E-03	pCi/m3
OS2 North Gate(327976014) - AC	16-Jun-13	Iodine-131	-6.99E-03	1.06E-02	8.02E-03	pCi/m3
OS2 North Gate(328374014) - AC	23-Jun-13	Iodine-131	1.43E-03	1.53E-02	9.06E-03	pCi/m3
OS2 North Gate(328789014) - AC	29-Jun-13	Iodine-131	1.07E-03	1.17E-02	6.67E-03	pCi/m3
OS2 North Gate(326726066) - AC	6-Jul-13	Iodine-131	-9.30E-03	2.04E-02	1.44E-02	pCi/m3
OS2 North Gate(329746014) - AC	13-Jul-13	Iodine-131	5.30E-03	1.93E-02	1.11E-02	pCi/m3
OS2 North Gate(330256014) - AC	20-Jul-13	Iodine-131	7.83E-03	1.52E-02	8.82E-03	pCi/m3
OS2 North Gate(330703014) - AC	27-Jul-13	Iodine-131	2.50E-03	1.09E-02	6.09E-03	pCi/m3
OS2 North Gate(331165014) - AC	4-Aug-13	Iodine-131	-8.31E-04	9.66E-03	6.01E-03	pCi/m3
OS2 North Gate(331637014) - AC	11-Aug-13	Iodine-131	-4.26E-03	1.16E-02	7.77E-03	pCi/m3
OS2 North Gate(332036014) - AC	17-Aug-13	Iodine-131	9.88E-03	2.20E-02	1.23E-02	pCi/m3
OS2 North Gate(332457014) - AC	25-Aug-13	Iodine-131	5.29E-03	9.95E-03	5.75E-03	pCi/m3
OS2 North Gate(332813011) - AC	31-Aug-13	Iodine-131	2.41E-03	1.12E-02	6.29E-03	pCi/m3
OS2 North Gate(333313014) - AC	7-Sep-13	Iodine-131	6.53E-03	1.43E-02	8.16E-03	pCi/m3
OS2 North Gate(333711014) - AC	14-Sep-13	Iodine-131	-1.98E-04	1.03E-02	6.25E-03	pCi/m3
OS2 North Gate(334177014) - AC	21-Sep-13	Iodine-131	-3.35E-03	8.36E-03	5.72E-03	pCi/m3
OS2 North Gate(334589014) - AC	28-Sep-13	Iodine-131	-1.30E-03	1.33E-02	8.26E-03	pCi/m3
OS2 North Gate(335322014) - AC	5-Oct-13	Iodine-131	6.04E-03	1.91E-02	1.09E-02	pCi/m3
OS2 North Gate(335761014) - AC	12-Oct-13	Iodine-131	-2.23E-03	1.24E-02	7.59E-03	pCi/m3
OS2 North Gate(336222014) - AC	19-Oct-13	Iodine-131	-6.68E-04	9.69E-03	5.96E-03	pCi/m3

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OS2 North Gate(336499014) - AC	26-Oct-13	Iodine-131	-2.09E-03	9.04E-03	5.72E-03	pCi/m3
OS2 North Gate(337044014) - AC	2-Nov-13	Iodine-131	-9.09E-05	8.89E-03	5.31E-03	pCi/m3
OS2 North Gate(337563013) - AC	9-Nov-13	Iodine-131	2.51E-03	1.08E-02	6.64E-03	pCi/m3
OS2 North Gate(338021014) - AC	16-Nov-13	Iodine-131	2.77E-03	1.95E-02	1.14E-02	pCi/m3
OS2 North Gate(338375014) - AC	23-Nov-13	Iodine-131	-2.30E-03	1.62E-02	1.03E-02	pCi/m3
OS2 North Gate(338672014) - AC	30-Nov-13	Iodine-131	8.67E-04	8.31E-03	4.84E-03	pCi/m3
OS2 North Gate(339173014) - AC	7-Dec-13	Iodine-131	-2.71E-03	1.46E-02	9.35E-03	pCi/m3
OS2 North Gate(339736014) - AC	14-Dec-13	Iodine-131	1.45E-03	1.18E-02	7.06E-03	pCi/m3
OS2 North Gate(339933014) - AC	20-Dec-13	Iodine-131	-1.88E-03	1.69E-02	1.02E-02	pCi/m3
OS2 North Gate(340048014) - AC	26-Dec-13	Iodine-131	-2.54E-03	1.29E-02	7.98E-03	pCi/m3

OS2 North Gate - Air Particulate

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
OS2 North Gate(318098007) - AP	5-Jan-13	BETA	5.86E-02	1.70E-03	1.33E-02	pCi/m3
OS2 North Gate(318596007) - AP	12-Jan-13	BETA	3.28E-02	1.48E-03	1.04E-02	pCi/m3
OS2 North Gate(319014007) - AP	19-Jan-13	BETA	7.73E-02	1.55E-03	1.45E-02	pCi/m3
OS2 North Gate(319444007) - AP	26-Jan-13	BETA	2.35E-02	1.53E-03	9.92E-03	pCi/m3
OS2 North Gate(319881007) - AP	2-Feb-13	BETA	5.10E-02	1.54E-03	1.13E-02	pCi/m3
OS2 North Gate(320343007) - AP	10-Feb-13	BETA	3.63E-02	1.56E-03	1.45E-02	pCi/m3
OS2 North Gate(320741007) - AP	17-Feb-13	BETA	4.03E-02	1.63E-03	1.41E-02	pCi/m3
OS2 North Gate(321140007) - AP	23-Feb-13	BETA	1.81E-02	1.58E-03	1.20E-02	pCi/m3
OS2 North Gate(321493007) - AP	3-Mar-13	BETA	2.43E-02	1.62E-03	1.09E-02	pCi/m3
OS2 North Gate(321894006) - AP	9-Mar-13	BETA	2.37E-02	1.66E-03	1.09E-02	pCi/m3
OS2 North Gate(322325007) - AP	16-Mar-13	BETA	1.94E-02	1.53E-03	1.09E-02	pCi/m3
OS2 North Gate(322681007) - AP	23-Mar-13	BETA	2.68E-02	1.70E-03	1.22E-02	pCi/m3
OS2 North Gate(323029007) - AP	30-Mar-13	BETA	9.75E-03	1.62E-03	1.30E-02	pCi/m3
OS2 North Gate(323662007) - AP	6-Apr-13	BETA	1.03E-02	1.56E-03	1.42E-02	pCi/m3
OS2 North Gate(324138007) - AP	13-Apr-13	BETA	1.79E-02	1.60E-03	1.21E-02	pCi/m3
OS2 North Gate(324540007) - AP	20-Apr-13	BETA	2.13E-02	1.56E-03	1.27E-02	pCi/m3
OS2 North Gate(324940007) - AP	27-Apr-13	BETA	2.51E-02	1.53E-03	1.20E-02	pCi/m3
OS2 North Gate(325447007) - AP	4-May-13	BETA	3.59E-02	1.53E-03	1.24E-02	pCi/m3
OS2 North Gate(325880007) - AP	11-May-13	BETA	1.66E-02	1.61E-03	1.30E-02	pCi/m3
OS2 North Gate(326386007) - AP	18-May-13	BETA	1.84E-02	1.54E-03	1.11E-02	pCi/m3
OS2 North Gate(326684007) - AP	25-May-13	BETA	1.03E-02	1.69E-03	1.45E-02	pCi/m3
OS2 North Gate(327062007) - AP	1-Jun-13	BETA	1.29E-02	1.65E-03	1.26E-02	pCi/m3
OS2 North Gate(327575007) - AP	8-Jun-13	BETA	1.72E-02	1.65E-03	1.24E-02	pCi/m3
OS2 North Gate(327976007) - AP	16-Jun-13	BETA	4.23E-03	1.60E-03	1.35E-02	pCi/m3
OS2 North Gate(328374007) - AP	23-Jun-13	BETA	1.19E-02	1.85E-03	1.04E-02	pCi/m3
OS2 North Gate(328789007) - AP	29-Jun-13	BETA	1.07E-02	1.79E-03	1.04E-02	pCi/m3
OS2 North Gate(326726067) - AP	6-Jul-13	BETA	9.10E-03	1.78E-03	1.28E-02	pCi/m3
OS2 North Gate(329746007) - AP	13-Jul-13	BETA	7.79E-03	1.60E-03	1.22E-02	pCi/m3
OS2 North Gate(330256007) - AP	20-Jul-13	BETA	1.45E-02	1.51E-03	1.29E-02	pCi/m3
OS2 North Gate(330703007) - AP	27-Jul-13	BETA	6.51E-03	1.74E-03	1.23E-02	pCi/m3
OS2 North Gate(331165007) - AP	4-Aug-13	BETA	9.85E-03	1.72E-03	1.31E-02	pCi/m3
OS2 North Gate(331637007) - AP	11-Aug-13	BETA	8.21E-03	1.52E-03	1.41E-02	pCi/m3

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OS2 North Gate(332036007) - AP	17-Aug-13	BETA	1.27E-02	1.59E-03	1.27E-02	pCi/m3
OS2 North Gate(332457007) - AP	25-Aug-13	BETA	1.52E-02	1.49E-03	1.33E-02	pCi/m3
OS2 North Gate(332813012) - AP	31-Aug-13	BETA	8.18E-03	1.63E-03	1.33E-02	pCi/m3
OS2 North Gate(333313007) - AP	7-Sep-13	BETA	1.26E-02	1.56E-03	1.37E-02	pCi/m3
OS2 North Gate(333711007) - AP	14-Sep-13	BETA	2.14E-02	1.57E-03	1.32E-02	pCi/m3
OS2 North Gate(334177007) - AP	21-Sep-13	BETA	2.06E-02	1.55E-03	1.26E-02	pCi/m3
OS2 North Gate(334589007) - AP	28-Sep-13	BETA	1.72E-02	1.73E-03	1.23E-02	pCi/m3
OS2 North Gate(335322007) - AP	5-Oct-13	BETA	4.93E-02	1.67E-03	1.16E-02	pCi/m3
OS2 North Gate(335761007) - AP	12-Oct-13	BETA	4.28E-02	1.63E-03	1.18E-02	pCi/m3
OS2 North Gate(336222007) - AP	19-Oct-13	BETA	8.30E-02	1.72E-03	1.41E-02	pCi/m3
OS2 North Gate(336499007) - AP	26-Oct-13	BETA	6.87E-02	1.59E-03	1.58E-02	pCi/m3
OS2 North Gate(337044007) - AP	2-Nov-13	BETA	4.56E-02	1.21E-03	1.05E-02	pCi/m3
OS2 North Gate(337563014) - AP	9-Nov-13	BETA	5.41E-02	1.42E-03	1.13E-02	pCi/m3
OS2 North Gate(338021007) - AP	16-Nov-13	BETA	2.49E-02	1.42E-03	1.06E-02	pCi/m3
OS2 North Gate(338375007) - AP	23-Nov-13	BETA	2.63E-02	1.56E-03	1.51E-02	pCi/m3
OS2 North Gate(338672007) - AP	30-Nov-13	BETA	6.49E-02	1.18E-03	9.69E-03	pCi/m3
OS2 North Gate(339173007) - AP	7-Dec-13	BETA	3.93E-02	1.30E-03	1.07E-02	pCi/m3
OS2 North Gate(339736007) - AP	14-Dec-13	BETA	6.57E-02	1.48E-03	1.38E-02	pCi/m3
OS2 North Gate(339933007) - AP	20-Dec-13	BETA	4.32E-02	1.80E-03	1.68E-02	pCi/m3
OS2 North Gate(340048007) - AP	26-Dec-13	BETA	7.20E-02	1.30E-03	1.30E-02	pCi/m3
OS2 North Gate(323668007) - AP	9-Feb-13	Beryllium-7	1.23E-01	9.25E-03	1.96E-02	pCi/m3
OS2 North Gate(329524007) - AP	11-May-13	Beryllium-7	6.62E-02	5.53E-03	1.16E-02	pCi/m3
OS2 North Gate(335772007) - AP	10-Aug-13	Beryllium-7	6.49E-02	9.93E-03	1.81E-02	pCi/m3
OS2 North Gate(340908007) - AP	12-Nov-13	Beryllium-7	1.59E-01	1.01E-02	2.40E-02	pCi/m3
OS2 North Gate(323668007) - AP	9-Feb-13	Cesium-134	4.25E-04	7.48E-04	6.41E-04	pCi/m3
OS2 North Gate(329524007) - AP	11-May-13	Cesium-134	1.13E-04	3.86E-04	2.13E-04	pCi/m3
OS2 North Gate(335772007) - AP	10-Aug-13	Cesium-134	3.84E-05	5.76E-04	3.35E-04	pCi/m3
OS2 North Gate(340908007) - AP	12-Nov-13	Cesium-134	8.92E-06	5.78E-04	3.49E-04	pCi/m3
OS2 North Gate(323668007) - AP	9-Feb-13	Cesium-137	3.96E-04	5.60E-04	3.24E-04	pCi/m3
OS2 North Gate(329524007) - AP	11-May-13	Cesium-137	2.60E-04	3.96E-04	2.31E-04	pCi/m3
OS2 North Gate(335772007) - AP	10-Aug-13	Cesium-137	1.90E-04	5.19E-04	2.81E-04	pCi/m3
OS2 North Gate(340908007) - AP	12-Nov-13	Cesium-137	-9.10E-05	5.58E-04	3.57E-04	pCi/m3

1A2 Blanchard Spring - Drinking Water

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
1A2 Blanchard Spring(319580001) - DW	31-Jan-13	BETA	2.54E+00	1.81E+00	1.25E+00	pCi/L
1A2 Blanchard Spring(325888001) - DW	14-May-13	BETA	2.28E+00	1.90E+00	1.28E+00	pCi/L
1A2 Blanchard Spring(329479001) - DW	10-Jul-13	BETA	1.26E+00	1.74E+00	1.11E+00	pCi/L
1A2 Blanchard Spring(337039004) - DW	5-Nov-13	BETA	1.53E+00	2.77E+00	1.72E+00	pCi/L
1A2 Blanchard Spring(319580001) - DW	31-Jan-13	Barium-140	7.35E-01	2.48E+00	1.44E+00	pCi/L
1A2 Blanchard Spring(325888001) - DW	14-May-13	Barium-140	-1.15E+00	2.63E+00	1.75E+00	pCi/L
1A2 Blanchard Spring(329479001) - DW	10-Jul-13	Barium-140	4.47E-01	3.42E+00	2.05E+00	pCi/L
1A2 Blanchard Spring(337039004) - DW	5-Nov-13	Barium-140	-7.61E-01	2.89E+00	1.83E+00	pCi/L
1A2 Blanchard Spring(319580001) - DW	31-Jan-13	Cesium-134	4.78E-01	1.88E+00	1.09E+00	pCi/L
1A2 Blanchard Spring(325888001) - DW	14-May-13	Cesium-134	-2.98E-01	1.73E+00	1.04E+00	pCi/L

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1A2 Blanchard Spring(329479001) - DW	10-Jul-13	Cesium-134	5.04E-01	1.80E+00	1.05E+00	pCi/L
1A2 Blanchard Spring(337039004) - DW	5-Nov-13	Cesium-134	3.55E-01	1.73E+00	1.01E+00	pCi/L
1A2 Blanchard Spring(319580001) - DW	31-Jan-13	Cesium-137	-1.96E-01	1.70E+00	1.06E+00	pCi/L
1A2 Blanchard Spring(325888001) - DW	14-May-13	Cesium-137	-5.03E-01	1.77E+00	1.14E+00	pCi/L
1A2 Blanchard Spring(329479001) - DW	10-Jul-13	Cesium-137	1.30E+00	1.81E+00	1.20E+00	pCi/L
1A2 Blanchard Spring(337039004) - DW	5-Nov-13	Cesium-137	-9.42E-01	1.65E+00	1.16E+00	pCi/L
1A2 Blanchard Spring(319580001) - DW	31-Jan-13	Cobalt-58	1.08E+00	1.67E+00	1.14E+00	pCi/L
1A2 Blanchard Spring(325888001) - DW	14-May-13	Cobalt-58	-1.43E+00	1.48E+00	1.17E+00	pCi/L
1A2 Blanchard Spring(329479001) - DW	10-Jul-13	Cobalt-58	-8.21E-01	1.64E+00	1.07E+00	pCi/L
1A2 Blanchard Spring(337039004) - DW	5-Nov-13	Cobalt-58	2.07E-01	1.66E+00	9.63E-01	pCi/L
1A2 Blanchard Spring(319580001) - DW	31-Jan-13	Cobalt-60	1.31E+00	1.94E+00	1.31E+00	pCi/L
1A2 Blanchard Spring(325888001) - DW	14-May-13	Cobalt-60	-4.54E-01	1.90E+00	1.16E+00	pCi/L
1A2 Blanchard Spring(329479001) - DW	10-Jul-13	Cobalt-60	4.04E-01	1.67E+00	9.91E-01	pCi/L
1A2 Blanchard Spring(337039004) - DW	5-Nov-13	Cobalt-60	-3.15E-01	1.70E+00	1.03E+00	pCi/L
1A2 Blanchard Spring(319580001) - DW	31-Jan-13	Iodine-131	-1.99E-01	4.65E-01	2.92E-01	pCi/L
1A2 Blanchard Spring(325888001) - DW	14-May-13	Iodine-131	-2.36E-01	6.76E-01	4.19E-01	pCi/L
1A2 Blanchard Spring(329479001) - DW	10-Jul-13	Iodine-131	-3.69E-02	6.84E-01	4.15E-01	pCi/L
1A2 Blanchard Spring(337039004) - DW	5-Nov-13	Iodine-131	-2.79E-01	5.91E-01	3.81E-01	pCi/L
1A2 Blanchard Spring(319580001) - DW	31-Jan-13	Iron-55	2.15E+01	7.82E+01	5.59E+01	pCi/L
1A2 Blanchard Spring(325888001) - DW	14-May-13	Iron-55	5.13E+00	1.66E+02	1.08E+02	pCi/L
1A2 Blanchard Spring(329479001) - DW	10-Jul-13	Iron-55	-3.03E+01	9.86E+01	6.75E+01	pCi/L
1A2 Blanchard Spring(337039004) - DW	5-Nov-13	Iron-55	-9.76E+00	7.80E+01	5.26E+01	pCi/L
1A2 Blanchard Spring(319580001) - DW	31-Jan-13	Iron-59	1.19E+00	3.48E+00	2.08E+00	pCi/L
1A2 Blanchard Spring(325888001) - DW	14-May-13	Iron-59	-1.04E+00	3.17E+00	2.05E+00	pCi/L
1A2 Blanchard Spring(329479001) - DW	10-Jul-13	Iron-59	-7.95E-02	3.48E+00	2.39E+00	pCi/L
1A2 Blanchard Spring(337039004) - DW	5-Nov-13	Iron-59	-1.04E+00	3.26E+00	2.11E+00	pCi/L
1A2 Blanchard Spring(319580001) - DW	31-Jan-13	Lanthanum-140	7.35E-01	2.48E+00	1.44E+00	pCi/L
1A2 Blanchard Spring(325888001) - DW	14-May-13	Lanthanum-140	-1.15E+00	2.63E+00	1.75E+00	pCi/L
1A2 Blanchard Spring(329479001) - DW	10-Jul-13	Lanthanum-140	4.47E-01	3.42E+00	2.05E+00	pCi/L
1A2 Blanchard Spring(337039004) - DW	5-Nov-13	Lanthanum-140	-7.61E-01	2.89E+00	1.83E+00	pCi/L
1A2 Blanchard Spring(319580001) - DW	31-Jan-13	Manganese-54	-5.25E-01	1.58E+00	9.95E-01	pCi/L
1A2 Blanchard Spring(325888001) - DW	14-May-13	Manganese-54	-1.14E-01	1.61E+00	9.57E-01	pCi/L
1A2 Blanchard Spring(329479001) - DW	10-Jul-13	Manganese-54	-8.22E-01	1.45E+00	9.73E-01	pCi/L
1A2 Blanchard Spring(337039004) - DW	5-Nov-13	Manganese-54	1.96E-01	1.70E+00	9.89E-01	pCi/L
1A2 Blanchard Spring(319580001) - DW	31-Jan-13	Nickel-63	6.43E+00	3.13E+01	1.89E+01	pCi/L
1A2 Blanchard Spring(325888001) - DW	14-May-13	Nickel-63	2.24E+01	3.58E+01	2.25E+01	pCi/L
1A2 Blanchard Spring(329479001) - DW	10-Jul-13	Nickel-63	7.23E+00	3.64E+01	2.19E+01	pCi/L
1A2 Blanchard Spring(337039004) - DW	5-Nov-13	Nickel-63	-1.05E+01	3.43E+01	1.98E+01	pCi/L
1A2 Blanchard Spring(319580001) - DW	31-Jan-13	Niobium-95	4.57E-01	1.77E+00	1.17E+00	pCi/L
1A2 Blanchard Spring(325888001) - DW	14-May-13	Niobium-95	4.38E-01	1.87E+00	1.56E+00	pCi/L
1A2 Blanchard Spring(329479001) - DW	10-Jul-13	Niobium-95	-3.03E-01	1.76E+00	1.05E+00	pCi/L
1A2 Blanchard Spring(337039004) - DW	5-Nov-13	Niobium-95	-9.12E-01	1.72E+00	2.03E+00	pCi/L
1A2 Blanchard Spring(319580001) - DW	31-Jan-13	Total Strontium	-1.71E-01	2.35E-01	1.34E-01	pCi/L
1A2 Blanchard Spring(325888001) - DW	14-May-13	Total Strontium	-6.86E-02	2.51E-01	1.47E-01	pCi/L
1A2 Blanchard Spring(329479001) - DW	10-Jul-13	Total Strontium	8.28E-02	1.66E-01	1.04E-01	pCi/L

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1A2 Blanchard Spring(337039004) - DW	5-Nov-13	Total Strontium	1.07E-02	1.92E-01	1.14E-01	pCi/L
1A2 Blanchard Spring(319580001) - DW	31-Jan-13	Tritium	-5.16E+01	2.54E+02	1.49E+02	pCi/L
1A2 Blanchard Spring(325888001) - DW	14-May-13	Tritium	2.20E+02	2.71E+02	1.77E+02	pCi/L
1A2 Blanchard Spring(329479001) - DW	10-Jul-13	Tritium	-3.42E+01	2.38E+02	1.40E+02	pCi/L
1A2 Blanchard Spring(337039004) - DW	5-Nov-13	Tritium	1.08E+02	2.36E+02	1.47E+02	pCi/L
1A2 Blanchard Spring(319580001) - DW	31-Jan-13	Zinc-65	-3.05E-02	3.22E+00	2.25E+00	pCi/L
1A2 Blanchard Spring(325888001) - DW	14-May-13	Zinc-65	1.69E-01	3.26E+00	2.25E+00	pCi/L
1A2 Blanchard Spring(329479001) - DW	10-Jul-13	Zinc-65	-3.58E+00	2.91E+00	2.92E+00	pCi/L
1A2 Blanchard Spring(337039004) - DW	5-Nov-13	Zinc-65	-7.72E-02	3.53E+00	2.48E+00	pCi/L
1A2 Blanchard Spring(319580001) - DW	31-Jan-13	Zirconium-95	-1.06E-01	2.94E+00	1.73E+00	pCi/L
1A2 Blanchard Spring(325888001) - DW	14-May-13	Zirconium-95	-9.78E-02	2.91E+00	1.71E+00	pCi/L
1A2 Blanchard Spring(329479001) - DW	10-Jul-13	Zirconium-95	6.86E-01	2.98E+00	1.72E+00	pCi/L
1A2 Blanchard Spring(337039004) - DW	5-Nov-13	Zirconium-95	5.19E-01	3.11E+00	2.53E+00	pCi/L

1S1 Wastewater Pond - Air Charcoal

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
1S1 Wastewater Pond(318098013) - AC	5-Jan-13	Iodine-131	-6.82E-04	1.18E-02	7.09E-03	pCi/m3
1S1 Wastewater Pond(318596013) - AC	12-Jan-13	Iodine-131	1.87E-03	1.14E-02	6.57E-03	pCi/m3
1S1 Wastewater Pond(319014013) - AC	19-Jan-13	Iodine-131	1.56E-03	1.49E-02	8.45E-03	pCi/m3
1S1 Wastewater Pond(319444013) - AC	26-Jan-13	Iodine-131	-2.00E-03	9.63E-03	7.18E-03	pCi/m3
1S1 Wastewater Pond(319881013) - AC	2-Feb-13	Iodine-131	3.94E-04	1.12E-02	6.59E-03	pCi/m3
1S1 Wastewater Pond(320343013) - AC	10-Feb-13	Iodine-131	3.51E-04	9.96E-03	5.79E-03	pCi/m3
1S1 Wastewater Pond(320741013) - AC	17-Feb-13	Iodine-131	2.91E-03	1.30E-02	7.60E-03	pCi/m3
1S1 Wastewater Pond(321140013) - AC	23-Feb-13	Iodine-131	-1.08E-03	1.11E-02	6.69E-03	pCi/m3
1S1 Wastewater Pond(321493013) - AC	3-Mar-13	Iodine-131	-2.40E-03	7.00E-03	4.72E-03	pCi/m3
1S1 Wastewater Pond(322325013) - AC	16-Mar-13	Iodine-131	4.01E-03	1.05E-02	6.52E-03	pCi/m3
1S1 Wastewater Pond(322681013) - AC	23-Mar-13	Iodine-131	9.37E-04	9.60E-03	5.58E-03	pCi/m3
1S1 Wastewater Pond(323029013) - AC	30-Mar-13	Iodine-131	6.19E-03	1.19E-02	7.37E-03	pCi/m3
1S1 Wastewater Pond(323662013) - AC	6-Apr-13	Iodine-131	3.67E-03	1.04E-02	5.89E-03	pCi/m3
1S1 Wastewater Pond(324138013) - AC	13-Apr-13	Iodine-131	1.58E-03	1.38E-02	7.88E-03	pCi/m3
1S1 Wastewater Pond(324540013) - AC	20-Apr-13	Iodine-131	1.20E-04	1.05E-02	6.35E-03	pCi/m3
1S1 Wastewater Pond(324940013) - AC	27-Apr-13	Iodine-131	1.43E-03	1.42E-02	8.05E-03	pCi/m3
1S1 Wastewater Pond(325447013) - AC	4-May-13	Iodine-131	2.86E-03	2.18E-02	1.27E-02	pCi/m3
1S1 Wastewater Pond(325880013) - AC	11-May-13	Iodine-131	2.25E-03	1.66E-02	9.61E-03	pCi/m3
1S1 Wastewater Pond(326386013) - AC	18-May-13	Iodine-131	-1.38E-03	1.25E-02	7.69E-03	pCi/m3
1S1 Wastewater Pond(326684013) - AC	25-May-13	Iodine-131	-2.54E-03	9.60E-03	6.18E-03	pCi/m3
1S1 Wastewater Pond(327062013) - AC	1-Jun-13	Iodine-131	4.57E-04	2.00E-02	1.29E-02	pCi/m3
1S1 Wastewater Pond(327575013) - AC	8-Jun-13	Iodine-131	1.46E-03	1.10E-02	7.16E-03	pCi/m3
1S1 Wastewater Pond(327976013) - AC	16-Jun-13	Iodine-131	-2.96E-03	8.60E-03	5.87E-03	pCi/m3
1S1 Wastewater Pond(328374013) - AC	23-Jun-13	Iodine-131	1.22E-03	1.01E-02	5.73E-03	pCi/m3
1S1 Wastewater Pond(328789013) - AC	29-Jun-13	Iodine-131	2.27E-03	1.53E-02	9.06E-03	pCi/m3
1S1 Wastewater Pond(326726064) - AC	6-Jul-13	Iodine-131	-1.02E-03	1.37E-02	8.43E-03	pCi/m3
1S1 Wastewater Pond(329746013) - AC	13-Jul-13	Iodine-131	-3.22E-03	1.60E-02	1.16E-02	pCi/m3
1S1 Wastewater Pond(330256013) - AC	20-Jul-13	Iodine-131	-3.53E-04	1.16E-02	7.40E-03	pCi/m3
1S1 Wastewater Pond(330703013) - AC	27-Jul-13	Iodine-131	4.03E-03	1.33E-02	7.64E-03	pCi/m3

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1S1 Wastewater Pond(331165013) - AC	4-Aug-13	Iodine-131	-3.76E-03	8.38E-03	5.67E-03	pCi/m3
1S1 Wastewater Pond(331637013) - AC	11-Aug-13	Iodine-131	4.08E-03	2.19E-02	1.28E-02	pCi/m3
1S1 Wastewater Pond(332036013) - AC	17-Aug-13	Iodine-131	4.50E-04	1.69E-02	9.82E-03	pCi/m3
1S1 Wastewater Pond(332457013) - AC	25-Aug-13	Iodine-131	4.44E-03	1.20E-02	7.07E-03	pCi/m3
1S1 Wastewater Pond(332813009) - AC	31-Aug-13	Iodine-131	4.08E-03	1.34E-02	7.70E-03	pCi/m3
1S1 Wastewater Pond(333313013) - AC	7-Sep-13	Iodine-131	-1.13E-03	8.22E-03	5.06E-03	pCi/m3
1S1 Wastewater Pond(333711013) - AC	14-Sep-13	Iodine-131	1.95E-03	1.12E-02	6.43E-03	pCi/m3
1S1 Wastewater Pond(334177013) - AC	21-Sep-13	Iodine-131	7.67E-04	1.03E-02	5.93E-03	pCi/m3
1S1 Wastewater Pond(334589013) - AC	28-Sep-13	Iodine-131	-4.36E-04	1.08E-02	6.45E-03	pCi/m3
1S1 Wastewater Pond(335322013) - AC	5-Oct-13	Iodine-131	2.22E-04	1.11E-02	6.45E-03	pCi/m3
1S1 Wastewater Pond(335761013) - AC	12-Oct-13	Iodine-131	-1.86E-03	9.08E-03	5.75E-03	pCi/m3
1S1 Wastewater Pond(336222013) - AC	19-Oct-13	Iodine-131	-8.43E-03	8.61E-03	7.55E-03	pCi/m3
1S1 Wastewater Pond(336499013) - AC	26-Oct-13	Iodine-131	5.07E-03	1.13E-02	6.92E-03	pCi/m3
1S1 Wastewater Pond(337044013) - AC	2-Nov-13	Iodine-131	-2.58E-03	8.08E-03	5.58E-03	pCi/m3
1S1 Wastewater Pond(337563011) - AC	9-Nov-13	Iodine-131	2.80E-03	2.04E-02	1.19E-02	pCi/m3
1S1 Wastewater Pond(338021013) - AC	16-Nov-13	Iodine-131	8.22E-04	1.66E-02	9.82E-03	pCi/m3
1S1 Wastewater Pond(338375013) - AC	23-Nov-13	Iodine-131	-5.80E-03	3.21E-02	1.98E-02	pCi/m3
1S1 Wastewater Pond(338672013) - AC	30-Nov-13	Iodine-131	-3.42E-03	6.98E-03	4.93E-03	pCi/m3
1S1 Wastewater Pond(339173013) - AC	7-Dec-13	Iodine-131	7.08E-03	1.09E-02	9.00E-03	pCi/m3
1S1 Wastewater Pond(339736013) - AC	14-Dec-13	Iodine-131	1.54E-03	1.09E-02	6.28E-03	pCi/m3
1S1 Wastewater Pond(339933013) - AC	20-Dec-13	Iodine-131	9.51E-03	2.66E-02	1.63E-02	pCi/m3
1S1 Wastewater Pond(340048013) - AC	26-Dec-13	Iodine-131	1.06E-03	1.23E-02	7.07E-03	pCi/m3

1S1 Wastewater Pond - Air Particulate

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
1S1 Wastewater Pond(318098006) - AP	5-Jan-13	BETA	4.48E-02	1.72E-03	1.32E-02	pCi/m3
1S1 Wastewater Pond(318596006) - AP	12-Jan-13	BETA	2.08E-02	1.47E-03	9.96E-03	pCi/m3
1S1 Wastewater Pond(319014006) - AP	19-Jan-13	BETA	6.64E-02	1.52E-03	1.40E-02	pCi/m3
1S1 Wastewater Pond(319444006) - AP	26-Jan-13	BETA	2.16E-02	1.55E-03	9.98E-03	pCi/m3
1S1 Wastewater Pond(319881006) - AP	2-Feb-13	BETA	4.38E-02	1.51E-03	1.10E-02	pCi/m3
1S1 Wastewater Pond(320343006) - AP	10-Feb-13	BETA	3.27E-02	1.50E-03	1.39E-02	pCi/m3
1S1 Wastewater Pond(320741006) - AP	17-Feb-13	BETA	2.94E-02	1.60E-03	1.37E-02	pCi/m3
1S1 Wastewater Pond(321140006) - AP	23-Feb-13	BETA	1.87E-02	1.52E-03	1.16E-02	pCi/m3
1S1 Wastewater Pond(321493006) - AP	3-Mar-13	BETA	3.15E-02	1.57E-03	1.08E-02	pCi/m3
1S1 Wastewater Pond(322325006) - AP	16-Mar-13	BETA	2.37E-02	1.57E-03	1.13E-02	pCi/m3
1S1 Wastewater Pond(322681006) - AP	23-Mar-13	BETA	3.16E-02	1.68E-03	1.22E-02	pCi/m3
1S1 Wastewater Pond(323029006) - AP	30-Mar-13	BETA	9.48E-03	1.55E-03	1.24E-02	pCi/m3
1S1 Wastewater Pond(323662006) - AP	6-Apr-13	BETA	1.01E-02	1.55E-03	1.41E-02	pCi/m3
1S1 Wastewater Pond(324138006) - AP	13-Apr-13	BETA	1.56E-02	1.57E-03	1.18E-02	pCi/m3
1S1 Wastewater Pond(324540006) - AP	20-Apr-13	BETA	2.00E-02	1.53E-03	1.25E-02	pCi/m3
1S1 Wastewater Pond(324940006) - AP	27-Apr-13	BETA	3.00E-02	1.54E-03	1.21E-02	pCi/m3
1S1 Wastewater Pond(325447006) - AP	4-May-13	BETA	3.50E-02	1.49E-03	1.21E-02	pCi/m3
1S1 Wastewater Pond(325880006) - AP	11-May-13	BETA	2.07E-02	1.58E-03	1.29E-02	pCi/m3
1S1 Wastewater Pond(326386006) - AP	18-May-13	BETA	1.93E-02	1.52E-03	1.11E-02	pCi/m3
1S1 Wastewater Pond(326684006) - AP	25-May-13	BETA	1.03E-02	1.66E-03	1.42E-02	pCi/m3

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1S1 Wastewater Pond(327062006) - AP	1-Jun-13	BETA	1.29E-02	1.60E-03	1.23E-02	pCi/m3
1S1 Wastewater Pond(327575006) - AP	8-Jun-13	BETA	1.93E-02	1.59E-03	1.20E-02	pCi/m3
1S1 Wastewater Pond(327976006) - AP	16-Jun-13	BETA	9.31E-03	1.56E-03	1.33E-02	pCi/m3
1S1 Wastewater Pond(328374006) - AP	23-Jun-13	BETA	1.07E-02	1.78E-03	1.00E-02	pCi/m3
1S1 Wastewater Pond(328789006) - AP	29-Jun-13	BETA	8.38E-03	1.73E-03	9.93E-03	pCi/m3
1S1 Wastewater Pond(326726065) - AP	6-Jul-13	BETA	8.68E-03	1.67E-03	1.20E-02	pCi/m3
1S1 Wastewater Pond(329746006) - AP	13-Jul-13	BETA	1.23E-02	1.57E-03	1.20E-02	pCi/m3
1S1 Wastewater Pond(330256006) - AP	20-Jul-13	BETA	1.29E-02	1.44E-03	1.24E-02	pCi/m3
1S1 Wastewater Pond(330703006) - AP	27-Jul-13	BETA	8.67E-03	1.63E-03	1.17E-02	pCi/m3
1S1 Wastewater Pond(331165006) - AP	4-Aug-13	BETA	1.17E-02	1.66E-03	1.27E-02	pCi/m3
1S1 Wastewater Pond(331637006) - AP	11-Aug-13	BETA	1.15E-02	1.45E-03	1.36E-02	pCi/m3
1S1 Wastewater Pond(332036006) - AP	17-Aug-13	BETA	1.86E-02	1.52E-03	1.23E-02	pCi/m3
1S1 Wastewater Pond(332457006) - AP	25-Aug-13	BETA	1.21E-02	1.40E-03	1.25E-02	pCi/m3
1S1 Wastewater Pond(332813010) - AP	31-Aug-13	BETA	8.35E-03	1.57E-03	1.28E-02	pCi/m3
1S1 Wastewater Pond(333313006) - AP	7-Sep-13	BETA	1.55E-02	1.50E-03	1.33E-02	pCi/m3
1S1 Wastewater Pond(333711006) - AP	14-Sep-13	BETA	2.33E-02	1.51E-03	1.28E-02	pCi/m3
1S1 Wastewater Pond(334177006) - AP	21-Sep-13	BETA	2.20E-02	1.52E-03	1.24E-02	pCi/m3
1S1 Wastewater Pond(334589006) - AP	28-Sep-13	BETA	2.08E-02	1.68E-03	1.21E-02	pCi/m3
1S1 Wastewater Pond(335322006) - AP	5-Oct-13	BETA	4.90E-02	1.64E-03	1.14E-02	pCi/m3
1S1 Wastewater Pond(335761006) - AP	12-Oct-13	BETA	4.52E-02	1.58E-03	1.15E-02	pCi/m3
1S1 Wastewater Pond(336222006) - AP	19-Oct-13	BETA	8.29E-02	1.66E-03	1.37E-02	pCi/m3
1S1 Wastewater Pond(336499006) - AP	26-Oct-13	BETA	7.11E-02	1.57E-03	1.58E-02	pCi/m3
1S1 Wastewater Pond(337044006) - AP	2-Nov-13	BETA	3.85E-02	1.18E-03	1.01E-02	pCi/m3
1S1 Wastewater Pond(337563012) - AP	9-Nov-13	BETA	5.88E-02	1.39E-03	1.12E-02	pCi/m3
1S1 Wastewater Pond(338021006) - AP	16-Nov-13	BETA	2.42E-02	1.37E-03	1.02E-02	pCi/m3
1S1 Wastewater Pond(338375006) - AP	23-Nov-13	BETA	2.68E-02	1.51E-03	1.47E-02	pCi/m3
1S1 Wastewater Pond(338672006) - AP	30-Nov-13	BETA	7.31E-02	1.15E-03	9.74E-03	pCi/m3
1S1 Wastewater Pond(339173006) - AP	7-Dec-13	BETA	3.86E-02	1.27E-03	1.04E-02	pCi/m3
1S1 Wastewater Pond(339736006) - AP	14-Dec-13	BETA	6.04E-02	1.45E-03	1.34E-02	pCi/m3
1S1 Wastewater Pond(339933006) - AP	20-Dec-13	BETA	4.94E-02	1.76E-03	1.65E-02	pCi/m3
1S1 Wastewater Pond(340048006) - AP	26-Dec-13	BETA	6.49E-02	1.27E-03	1.26E-02	pCi/m3
1S1 Wastewater Pond(323668006) - AP	9-Feb-13	Beryllium-7	1.03E-01	7.54E-03	1.71E-02	pCi/m3
1S1 Wastewater Pond(329524006) - AP	11-May-13	Beryllium-7	7.40E-02	6.23E-03	1.18E-02	pCi/m3
1S1 Wastewater Pond(335772006) - AP	10-Aug-13	Beryllium-7	4.87E-02	9.05E-03	1.34E-02	pCi/m3
1S1 Wastewater Pond(340908006) - AP	12-Nov-13	Beryllium-7	1.32E-01	9.60E-03	2.09E-02	pCi/m3
1S1 Wastewater Pond(323668006) - AP	9-Feb-13	Cesium-134	1.61E-04	6.80E-04	4.21E-04	pCi/m3
1S1 Wastewater Pond(329524006) - AP	11-May-13	Cesium-134	-1.66E-05	3.70E-04	2.21E-04	pCi/m3
1S1 Wastewater Pond(335772006) - AP	10-Aug-13	Cesium-134	-5.87E-06	5.06E-04	3.03E-04	pCi/m3
1S1 Wastewater Pond(340908006) - AP	12-Nov-13	Cesium-134	5.35E-05	5.92E-04	3.36E-04	pCi/m3
1S1 Wastewater Pond(323668006) - AP	9-Feb-13	Cesium-137	1.08E-04	6.03E-04	3.44E-04	pCi/m3
1S1 Wastewater Pond(329524006) - AP	11-May-13	Cesium-137	-6.03E-05	3.56E-04	2.17E-04	pCi/m3
1S1 Wastewater Pond(335772006) - AP	10-Aug-13	Cesium-137	7.55E-05	5.10E-04	2.89E-04	pCi/m3
1S1 Wastewater Pond(340908006) - AP	12-Nov-13	Cesium-137	-2.18E-04	4.18E-04	3.19E-04	pCi/m3

2F1 Morro Bay - Market Fish

2013 DCPD Analysis Results - Appendix C

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
2F1 Morro Bay(320369004) - FH Market	7-Feb-13	Cesium-134	1.51E-01	4.40E+00	2.65E+00	pCi/kg
2F1 Morro Bay(324858001) - FH Market	24-Apr-13	Cesium-134	-5.58E-01	4.96E+00	2.94E+00	pCi/kg
2F1 Morro Bay(329192001) - FH Market	3-Jul-13	Cesium-134	3.85E-01	5.07E+00	2.94E+00	pCi/kg
2F1 Morro Bay(338868001) - FH Market	3-Dec-13	Cesium-134	1.77E+00	5.08E+00	3.17E+00	pCi/kg
2F1 Morro Bay(320369004) - FH Market	7-Feb-13	Cesium-137	3.60E+00	3.60E+00	3.31E+00	pCi/kg
2F1 Morro Bay(324858001) - FH Market	24-Apr-13	Cesium-137	3.23E+00	4.58E+00	3.42E+00	pCi/kg
2F1 Morro Bay(329192001) - FH Market	3-Jul-13	Cesium-137	5.84E+00	4.40E+00	3.54E+00	pCi/kg
2F1 Morro Bay(338868001) - FH Market	3-Dec-13	Cesium-137	5.16E+00	4.22E+00	3.32E+00	pCi/kg
2F1 Morro Bay(320369004) - FH Market	7-Feb-13	Cobalt-58	2.85E-01	4.13E+00	2.78E+00	pCi/kg
2F1 Morro Bay(324858001) - FH Market	24-Apr-13	Cobalt-58	1.82E+00	4.98E+00	2.93E+00	pCi/kg
2F1 Morro Bay(329192001) - FH Market	3-Jul-13	Cobalt-58	2.65E-01	4.81E+00	2.79E+00	pCi/kg
2F1 Morro Bay(338868001) - FH Market	3-Dec-13	Cobalt-58	6.70E-01	4.65E+00	2.99E+00	pCi/kg
2F1 Morro Bay(320369004) - FH Market	7-Feb-13	Cobalt-60	-4.41E-01	4.44E+00	2.75E+00	pCi/kg
2F1 Morro Bay(324858001) - FH Market	24-Apr-13	Cobalt-60	-2.29E-01	5.26E+00	3.18E+00	pCi/kg
2F1 Morro Bay(329192001) - FH Market	3-Jul-13	Cobalt-60	5.07E-01	4.84E+00	2.88E+00	pCi/kg
2F1 Morro Bay(338868001) - FH Market	3-Dec-13	Cobalt-60	3.70E+00	5.72E+00	3.53E+00	pCi/kg
2F1 Morro Bay(320369004) - FH Market	7-Feb-13	Iron-59	-3.14E+00	9.80E+00	6.28E+00	pCi/kg
2F1 Morro Bay(324858001) - FH Market	24-Apr-13	Iron-59	2.69E+00	1.20E+01	8.16E+00	pCi/kg
2F1 Morro Bay(329192001) - FH Market	3-Jul-13	Iron-59	-2.24E+00	1.04E+01	6.40E+00	pCi/kg
2F1 Morro Bay(338868001) - FH Market	3-Dec-13	Iron-59	-3.56E-01	1.10E+01	6.62E+00	pCi/kg
2F1 Morro Bay(320369004) - FH Market	7-Feb-13	Manganese-54	-1.85E-01	3.78E+00	2.24E+00	pCi/kg
2F1 Morro Bay(324858001) - FH Market	24-Apr-13	Manganese-54	-1.38E+00	4.26E+00	2.65E+00	pCi/kg
2F1 Morro Bay(329192001) - FH Market	3-Jul-13	Manganese-54	-1.47E+00	4.59E+00	2.84E+00	pCi/kg
2F1 Morro Bay(338868001) - FH Market	3-Dec-13	Manganese-54	7.40E-01	4.61E+00	2.68E+00	pCi/kg
2F1 Morro Bay(320369004) - FH Market	7-Feb-13	Potassium-40	2.96E+03	3.64E+01	2.86E+02	pCi/kg
2F1 Morro Bay(324858001) - FH Market	24-Apr-13	Potassium-40	3.45E+03	4.26E+01	3.36E+02	pCi/kg
2F1 Morro Bay(329192001) - FH Market	3-Jul-13	Potassium-40	3.29E+03	3.50E+01	3.16E+02	pCi/kg
2F1 Morro Bay(338868001) - FH Market	3-Dec-13	Potassium-40	3.56E+03	4.19E+01	3.57E+02	pCi/kg
2F1 Morro Bay(320369004) - FH Market	7-Feb-13	Zinc-65	-1.46E+00	9.90E+00	6.09E+00	pCi/kg
2F1 Morro Bay(324858001) - FH Market	24-Apr-13	Zinc-65	1.00E+01	1.31E+01	1.20E+01	pCi/kg
2F1 Morro Bay(329192001) - FH Market	3-Jul-13	Zinc-65	1.44E+00	1.07E+01	6.29E+00	pCi/kg
2F1 Morro Bay(338868001) - FH Market	3-Dec-13	Zinc-65	-4.23E+00	1.22E+01	7.83E+00	pCi/kg

3C1 Household Garden - Vegetation

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
3C1 Household Garden(322429001) - VG Brdleaf	14-Mar-13	Beryllium-7	2.30E+02	4.38E+01	4.63E+01	pCi/kg
3C1 Household Garden(326968001) - VG Brdleaf	30-May-13	Beryllium-7	2.79E+02	4.63E+01	6.30E+01	pCi/kg
3C1 Household Garden(338357001) - VG Brdleaf	25-Nov-13	Beryllium-7	8.55E+02	9.70E+01	1.52E+02	pCi/kg
3C1 Household Garden(322429001) - VG Brdleaf	14-Mar-13	Cesium-134	9.23E-01	5.31E+00	3.07E+00	pCi/kg
3C1 Household Garden(326968001) - VG Brdleaf	30-May-13	Cesium-134	-1.53E-01	6.05E+00	5.16E+00	pCi/kg
3C1 Household Garden(331998004) - VG Brdleaf	15-Aug-13	Cesium-134	-8.59E+00	2.46E+01	2.92E+01	pCi/kg
3C1 Household Garden(338357001) - VG Brdleaf	25-Nov-13	Cesium-134	-2.36E+00	1.25E+01	7.57E+00	pCi/kg
3C1 Household Garden(322429001) - VG Brdleaf	14-Mar-13	Cesium-137	8.30E-01	4.87E+00	2.93E+00	pCi/kg
3C1 Household Garden(326968001) - VG Brdleaf	30-May-13	Cesium-137	3.43E+00	4.93E+00	5.38E+00	pCi/kg

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3C1 Household Garden(331998004) - VG Brdleaf	15-Aug-13	Cesium-137	1.34E+01	2.42E+01	1.51E+01	pCi/kg
3C1 Household Garden(338357001) - VG Brdleaf	25-Nov-13	Cesium-137	-2.27E+00	1.15E+01	7.31E+00	pCi/kg
3C1 Household Garden(322429001) - VG Brdleaf	14-Mar-13	Iodine-131	-2.84E-01	1.09E+01	6.34E+00	pCi/kg
3C1 Household Garden(326968001) - VG Brdleaf	30-May-13	Iodine-131	2.81E+00	1.25E+01	7.46E+00	pCi/kg
3C1 Household Garden(331998004) - VG Brdleaf	15-Aug-13	Iodine-131	-1.70E+00	5.03E+01	2.99E+01	pCi/kg
3C1 Household Garden(338357001) - VG Brdleaf	25-Nov-13	Iodine-131	-3.06E+00	1.98E+01	1.18E+01	pCi/kg
3C1 Household Garden(322429001) - VG Brdleaf	14-Mar-13	Potassium-40	3.93E+03	4.74E+01	3.85E+02	pCi/kg
3C1 Household Garden(326968001) - VG Brdleaf	30-May-13	Potassium-40	5.49E+03	4.86E+01	5.15E+02	pCi/kg
3C1 Household Garden(331998004) - VG Brdleaf	15-Aug-13	Potassium-40	3.24E+03	1.88E+02	4.49E+02	pCi/kg
3C1 Household Garden(338357001) - VG Brdleaf	25-Nov-13	Potassium-40	3.44E+03	1.09E+02	4.09E+02	pCi/kg

3C1 Household Garden - Fruit

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
3C1 Household Garden(322429002) - VG Fruit	14-Mar-13	Beryllium-7	2.04E+02	4.11E+01	4.62E+01	pCi/kg
3C1 Household Garden(326965002) - VG Fruit	30-May-13	Beryllium-7	1.28E+02	4.03E+01	4.07E+01	pCi/kg
3C1 Household Garden(322429002) - VG Fruit	14-Mar-13	Cesium-134	3.61E+00	6.03E+00	3.84E+00	pCi/kg
3C1 Household Garden(326965002) - VG Fruit	30-May-13	Cesium-134	3.65E+00	5.89E+00	3.69E+00	pCi/kg
3C1 Household Garden(331998005) - VG Fruit	15-Aug-13	Cesium-134	-6.24E+00	4.99E+00	4.92E+00	pCi/kg
3C1 Household Garden(338357005) - VG Fruit	25-Nov-13	Cesium-134	-3.14E+00	6.30E+00	4.21E+00	pCi/kg
3C1 Household Garden(322429002) - VG Fruit	14-Mar-13	Cesium-137	1.62E-01	5.43E+00	3.31E+00	pCi/kg
3C1 Household Garden(326965002) - VG Fruit	30-May-13	Cesium-137	7.38E-01	4.93E+00	2.85E+00	pCi/kg
3C1 Household Garden(331998005) - VG Fruit	15-Aug-13	Cesium-137	1.05E+00	5.23E+00	3.13E+00	pCi/kg
3C1 Household Garden(338357005) - VG Fruit	25-Nov-13	Cesium-137	5.36E-02	6.41E+00	3.76E+00	pCi/kg
3C1 Household Garden(322429002) - VG Fruit	14-Mar-13	Iodine-131	2.95E-01	1.22E+01	7.11E+00	pCi/kg
3C1 Household Garden(326965002) - VG Fruit	30-May-13	Iodine-131	1.60E+00	1.19E+01	6.94E+00	pCi/kg
3C1 Household Garden(331998005) - VG Fruit	15-Aug-13	Iodine-131	-9.25E-01	1.26E+01	7.43E+00	pCi/kg
3C1 Household Garden(338357005) - VG Fruit	25-Nov-13	Iodine-131	-2.31E-02	1.05E+01	6.24E+00	pCi/kg
3C1 Household Garden(322429002) - VG Fruit	14-Mar-13	Potassium-40	2.17E+03	5.03E+01	2.31E+02	pCi/kg
3C1 Household Garden(326965002) - VG Fruit	30-May-13	Potassium-40	2.29E+03	4.45E+01	2.32E+02	pCi/kg
3C1 Household Garden-SU(331998005) - VG Fruit	15-Aug-13	Potassium-40	1.36E+03	3.83E+01	1.60E+02	pCi/kg
3C1 Household Garden-SU(338357005) - VG Fruit	25-Nov-13	Potassium-40	2.10E+03	5.26E+01	2.47E+02	pCi/kg

5F1 SLO OEL - Air Charcoal

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
5F1 SLO OEL(318098008) - AC	5-Jan-13	Iodine-131	1.28E-03	1.31E-02	7.62E-03	pCi/m3
5F1 SLO OEL(318596008) - AC	12-Jan-13	Iodine-131	7.80E-03	1.39E-02	8.03E-03	pCi/m3
5F1 SLO OEL(319014008) - AC	19-Jan-13	Iodine-131	2.81E-03	1.69E-02	1.02E-02	pCi/m3
5F1 SLO OEL(319444008) - AC	26-Jan-13	Iodine-131	-3.38E-03	1.13E-02	7.38E-03	pCi/m3
5F1 SLO OEL(319881008) - AC	2-Feb-13	Iodine-131	3.32E-03	1.49E-02	8.72E-03	pCi/m3
5F1 SLO OEL(320343008) - AC	9-Feb-13	Iodine-131	3.37E-03	1.42E-02	8.19E-03	pCi/m3
5F1 SLO OEL(320741008) - AC	16-Feb-13	Iodine-131	-1.82E-03	1.10E-02	6.84E-03	pCi/m3
5F1 SLO OEL(321140008) - AC	23-Feb-13	Iodine-131	-2.65E-03	1.64E-02	1.03E-02	pCi/m3
5F1 SLO OEL(321493008) - AC	2-Mar-13	Iodine-131	2.89E-03	1.25E-02	7.14E-03	pCi/m3
5F1 SLO OEL(321894007) - AC	9-Mar-13	Iodine-131	3.75E-03	1.39E-02	7.88E-03	pCi/m3
5F1 SLO OEL(322325008) - AC	16-Mar-13	Iodine-131	3.04E-04	1.56E-02	9.38E-03	pCi/m3

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5F1 SLO OEL(322681008) - AC	23-Mar-13	Iodine-131	-4.64E-03	6.52E-03	5.31E-03	pCi/m3
5F1 SLO OEL(323029008) - AC	30-Mar-13	Iodine-131	-1.68E-03	1.11E-02	6.91E-03	pCi/m3
5F1 SLO OEL(323662008) - AC	6-Apr-13	Iodine-131	-6.63E-04	1.18E-02	7.18E-03	pCi/m3
5F1 SLO OEL(324138008) - AC	13-Apr-13	Iodine-131	8.49E-04	1.62E-02	9.56E-03	pCi/m3
5F1 SLO OEL(324540008) - AC	20-Apr-13	Iodine-131	6.27E-03	1.47E-02	8.01E-03	pCi/m3
5F1 SLO OEL(324940008) - AC	27-Apr-13	Iodine-131	5.10E-03	1.53E-02	8.83E-03	pCi/m3
5F1 SLO OEL(325447008) - AC	4-May-13	Iodine-131	-1.75E-03	1.46E-02	9.13E-03	pCi/m3
5F1 SLO OEL(325880008) - AC	11-May-13	Iodine-131	-1.06E-02	1.37E-02	1.27E-02	pCi/m3
5F1 SLO OEL(326386008) - AC	18-May-13	Iodine-131	-1.30E-03	1.24E-02	7.64E-03	pCi/m3
5F1 SLO OEL(326684008) - AC	25-May-13	Iodine-131	4.11E-03	1.55E-02	8.90E-03	pCi/m3
5F1 SLO OEL(327062008) - AC	1-Jun-13	Iodine-131	1.48E-03	1.25E-02	7.66E-03	pCi/m3
5F1 SLO OEL(327575008) - AC	8-Jun-13	Iodine-131	3.20E-03	1.46E-02	8.48E-03	pCi/m3
5F1 SLO OEL(327976008) - AC	15-Jun-13	Iodine-131	-9.84E-04	1.05E-02	6.29E-03	pCi/m3
5F1 SLO OEL(328374008) - AC	22-Jun-13	Iodine-131	1.62E-03	1.14E-02	6.55E-03	pCi/m3
5F1 SLO OEL(328789008) - AC	29-Jun-13	Iodine-131	-1.38E-03	1.08E-02	6.67E-03	pCi/m3
5F1 SLO OEL(326726054) - AC	6-Jul-13	Iodine-131	-9.33E-03	3.16E-02	2.01E-02	pCi/m3
5F1 SLO OEL(329746008) - AC	13-Jul-13	Iodine-131	2.89E-03	2.55E-02	1.47E-02	pCi/m3
5F1 SLO OEL(330256008) - AC	20-Jul-13	Iodine-131	-2.79E-04	1.28E-02	7.48E-03	pCi/m3
5F1 SLO OEL(330703008) - AC	27-Jul-13	Iodine-131	6.01E-03	1.40E-02	8.01E-03	pCi/m3
5F1 SLO OEL(331165008) - AC	3-Aug-13	Iodine-131	6.16E-04	1.16E-02	6.70E-03	pCi/m3
5F1 SLO OEL(331637008) - AC	10-Aug-13	Iodine-131	7.69E-04	1.02E-02	6.92E-03	pCi/m3
5F1 SLO OEL(332036008) - AC	17-Aug-13	Iodine-131	4.44E-03	2.31E-02	1.33E-02	pCi/m3
5F1 SLO OEL(332457008) - AC	24-Aug-13	Iodine-131	1.65E-03	1.22E-02	6.90E-03	pCi/m3
5F1 SLO OEL(332813001) - AC	31-Aug-13	Iodine-131	7.81E-03	7.81E-03	1.62E-02	pCi/m3
5F1 SLO OEL(333313008) - AC	7-Sep-13	Iodine-131	-4.79E-04	1.29E-02	7.60E-03	pCi/m3
5F1 SLO OEL(333711008) - AC	14-Sep-13	Iodine-131	4.68E-03	1.26E-02	7.41E-03	pCi/m3
5F1 SLO OEL(334177008) - AC	21-Sep-13	Iodine-131	5.12E-03	1.16E-02	4.82E-03	pCi/m3
5F1 SLO OEL(334589008) - AC	28-Sep-13	Iodine-131	3.99E-04	1.17E-02	6.92E-03	pCi/m3
5F1 SLO OEL(335322008) - AC	5-Oct-13	Iodine-131	-4.37E-03	1.68E-02	1.06E-02	pCi/m3
5F1 SLO OEL(335761008) - AC	12-Oct-13	Iodine-131	-4.07E-03	8.24E-03	5.78E-03	pCi/m3
5F1 SLO OEL(336222008) - AC	19-Oct-13	Iodine-131	2.53E-03	1.15E-02	6.59E-03	pCi/m3
5F1 SLO OEL(336499008) - AC	26-Oct-13	Iodine-131	4.05E-03	1.32E-02	7.90E-03	pCi/m3
5F1 SLO OEL(337044008) - AC	2-Nov-13	Iodine-131	-1.36E-04	1.26E-02	7.74E-03	pCi/m3
5F1 SLO OEL(337563001) - AC	9-Nov-13	Iodine-131	-2.50E-03	6.97E-03	4.78E-03	pCi/m3
5F1 SLO OEL(338021008) - AC	16-Nov-13	Iodine-131	6.63E-03	1.25E-02	7.02E-03	pCi/m3
5F1 SLO OEL(338375008) - AC	23-Nov-13	Iodine-131	2.57E-03	1.54E-02	8.75E-03	pCi/m3
5F1 SLO OEL(338672008) - AC	30-Nov-13	Iodine-131	6.87E-04	8.89E-03	5.34E-03	pCi/m3
5F1 SLO OEL(339173008) - AC	7-Dec-13	Iodine-131	-3.37E-03	1.20E-02	7.83E-03	pCi/m3
5F1 SLO OEL(339736008) - AC	14-Dec-13	Iodine-131	6.23E-03	1.27E-02	7.47E-03	pCi/m3
5F1 SLO OEL(339933008) - AC	20-Dec-13	Iodine-131	1.74E-03	1.51E-02	8.81E-03	pCi/m3
5F1 SLO OEL(340048008) - AC	26-Dec-13	Iodine-131	-2.24E-03	9.64E-03	5.96E-03	pCi/m3

5F1 SLO OEL - Air Particulate

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
5F1 SLO OEL(318098001) - AP	5-Jan-13	BETA	9.06E-02	1.80E-03	1.47E-02	pCi/m3

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5F1 SLO OEL(318596001) - AP	12-Jan-13	BETA	1.24E-01	1.50E-03	1.31E-02	pCi/m3
5F1 SLO OEL(319014001) - AP	19-Jan-13	BETA	7.54E-02	1.58E-03	1.47E-02	pCi/m3
5F1 SLO OEL(319444001) - AP	26-Jan-13	BETA	2.67E-02	1.58E-03	1.04E-02	pCi/m3
5F1 SLO OEL(319881001) - AP	2-Feb-13	BETA	5.35E-02	1.60E-03	1.18E-02	pCi/m3
5F1 SLO OEL(320343001) - AP	9-Feb-13	BETA	8.04E-02	1.55E-03	1.54E-02	pCi/m3
5F1 SLO OEL(320741001) - AP	16-Feb-13	BETA	6.22E-02	1.66E-03	1.49E-02	pCi/m3
5F1 SLO OEL(321140001) - AP	23-Feb-13	BETA	1.81E-02	1.58E-03	1.20E-02	pCi/m3
5F1 SLO OEL(321493001) - AP	2-Mar-13	BETA	3.66E-02	1.66E-03	1.15E-02	pCi/m3
5F1 SLO OEL(321894001) - AP	9-Mar-13	BETA	4.99E-02	1.59E-03	1.13E-02	pCi/m3
5F1 SLO OEL(322325001) - AP	16-Mar-13	BETA	2.24E-02	1.55E-03	1.11E-02	pCi/m3
5F1 SLO OEL(322681001) - AP	23-Mar-13	BETA	3.30E-02	1.69E-03	1.23E-02	pCi/m3
5F1 SLO OEL(323029001) - AP	30-Mar-13	BETA	1.29E-02	1.57E-03	1.26E-02	pCi/m3
5F1 SLO OEL(323662001) - AP	6-Apr-13	BETA	1.19E-02	1.59E-03	1.43E-02	pCi/m3
5F1 SLO OEL(324138001) - AP	13-Apr-13	BETA	3.91E-02	1.60E-03	1.27E-02	pCi/m3
5F1 SLO OEL(324540001) - AP	20-Apr-13	BETA	2.29E-02	1.56E-03	1.27E-02	pCi/m3
5F1 SLO OEL(324940001) - AP	27-Apr-13	BETA	3.94E-02	1.56E-03	1.25E-02	pCi/m3
5F1 SLO OEL(325447001) - AP	4-May-13	BETA	3.56E-02	1.52E-03	1.23E-02	pCi/m3
5F1 SLO OEL(325880001) - AP	11-May-13	BETA	2.18E-02	1.59E-03	1.30E-02	pCi/m3
5F1 SLO OEL(326386001) - AP	18-May-13	BETA	3.86E-02	1.56E-03	1.19E-02	pCi/m3
5F1 SLO OEL(326684001) - AP	25-May-13	BETA	1.11E-02	1.67E-03	1.43E-02	pCi/m3
5F1 SLO OEL(327062001) - AP	1-Jun-13	BETA	3.44E-02	1.67E-03	1.33E-02	pCi/m3
5F1 SLO OEL(327575001) - AP	8-Jun-13	BETA	2.45E-02	1.63E-03	1.24E-02	pCi/m3
5F1 SLO OEL(327976001) - AP	15-Jun-13	BETA	9.81E-03	1.59E-03	1.36E-02	pCi/m3
5F1 SLO OEL(328374001) - AP	22-Jun-13	BETA	8.54E-03	1.75E-03	1.02E-02	pCi/m3
5F1 SLO OEL(328789001) - AP	29-Jun-13	BETA	1.28E-02	1.72E-03	1.00E-02	pCi/m3
5F1 SLO OEL(326726055) - AP	6-Jul-13	BETA	7.07E-03	1.69E-03	1.21E-02	pCi/m3
5F1 SLO OEL(329746001) - AP	13-Jul-13	BETA	1.12E-02	1.59E-03	1.22E-02	pCi/m3
5F1 SLO OEL(330256001) - AP	20-Jul-13	BETA	1.80E-02	1.51E-03	1.30E-02	pCi/m3
5F1 SLO OEL(330703001) - AP	27-Jul-13	BETA	8.02E-03	1.72E-03	1.23E-02	pCi/m3
5F1 SLO OEL(331165001) - AP	3-Aug-13	BETA	1.63E-02	1.70E-03	1.31E-02	pCi/m3
5F1 SLO OEL(331637001) - AP	10-Aug-13	BETA	4.27E-02	1.50E-03	1.47E-02	pCi/m3
5F1 SLO OEL(332036001) - AP	17-Aug-13	BETA	4.38E-02	1.59E-03	1.35E-02	pCi/m3
5F1 SLO OEL(332457001) - AP	24-Aug-13	BETA	3.69E-02	1.48E-03	1.37E-02	pCi/m3
5F1 SLO OEL(332813002) - AP	31-Aug-13	BETA	1.64E-02	1.57E-03	1.30E-02	pCi/m3
5F1 SLO OEL(333313001) - AP	7-Sep-13	BETA	3.79E-02	1.55E-03	1.43E-02	pCi/m3
5F1 SLO OEL(333711001) - AP	14-Sep-13	BETA	4.05E-02	1.55E-03	1.35E-02	pCi/m3
5F1 SLO OEL(334177001) - AP	21-Sep-13	BETA	9.01E-02	1.55E-03	1.43E-02	pCi/m3
5F1 SLO OEL(334589001) - AP	28-Sep-13	BETA	2.34E-02	1.70E-03	1.23E-02	pCi/m3
5F1 SLO OEL(335322001) - AP	5-Oct-13	BETA	4.65E-02	1.67E-03	1.15E-02	pCi/m3
5F1 SLO OEL(335761001) - AP	12-Oct-13	BETA	4.19E-02	1.61E-03	1.16E-02	pCi/m3
5F1 SLO OEL(336222001) - AP	19-Oct-13	BETA	8.99E-02	1.73E-03	1.43E-02	pCi/m3
5F1 SLO OEL(336499001) - AP	26-Oct-13	BETA	6.87E-02	1.60E-03	1.59E-02	pCi/m3
5F1 SLO OEL(337044001) - AP	2-Nov-13	BETA	4.58E-02	1.20E-03	1.04E-02	pCi/m3
5F1 SLO OEL(337563004) - AP	9-Nov-13	BETA	6.41E-02	1.45E-03	1.17E-02	pCi/m3
5F1 SLO OEL(338021001) - AP	16-Nov-13	BETA	3.00E-02	1.38E-03	1.04E-02	pCi/m3

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5F1 SLO OEL(338375001) - AP	23-Nov-13	BETA	2.67E-02	1.56E-03	1.51E-02	pCi/m3
5F1 SLO OEL(338672001) - AP	30-Nov-13	BETA	9.97E-02	1.20E-03	1.07E-02	pCi/m3
5F1 SLO OEL(339173001) - AP	7-Dec-13	BETA	4.38E-02	1.31E-03	1.08E-02	pCi/m3
5F1 SLO OEL(339736001) - AP	14-Dec-13	BETA	7.75E-02	1.52E-03	1.43E-02	pCi/m3
5F1 SLO OEL(339933001) - AP	20-Dec-13	BETA	5.30E-02	1.78E-03	1.68E-02	pCi/m3
5F1 SLO OEL(340048001) - AP	26-Dec-13	BETA	8.95E-02	1.32E-03	1.36E-02	pCi/m3
5F1 SLO OEL(323668001) - AP	9-Feb-13	Beryllium-7	1.14E-01	7.44E-03	1.92E-02	pCi/m3
5F1 SLO OEL(329524001) - AP	11-May-13	Beryllium-7	7.26E-02	7.23E-03	1.30E-02	pCi/m3
5F1 SLO OEL(335772001) - AP	10-Aug-13	Beryllium-7	6.15E-02	8.14E-03	1.54E-02	pCi/m3
5F1 SLO OEL(340908001) - AP	12-Nov-13	Beryllium-7	1.47E-01	9.28E-03	2.21E-02	pCi/m3
5F1 SLO OEL(323668001) - AP	9-Feb-13	Cesium-134	7.69E-05	6.72E-04	4.19E-04	pCi/m3
5F1 SLO OEL(329524001) - AP	11-May-13	Cesium-134	-8.84E-06	5.02E-04	3.53E-04	pCi/m3
5F1 SLO OEL(335772001) - AP	10-Aug-13	Cesium-134	1.12E-04	5.74E-04	3.15E-04	pCi/m3
5F1 SLO OEL(340908001) - AP	12-Nov-13	Cesium-134	3.59E-05	5.64E-04	3.28E-04	pCi/m3
5F1 SLO OEL(323668001) - AP	9-Feb-13	Cesium-137	3.34E-04	7.65E-04	4.22E-04	pCi/m3
5F1 SLO OEL(329524001) - AP	11-May-13	Cesium-137	9.18E-05	5.49E-04	3.11E-04	pCi/m3
5F1 SLO OEL(335772001) - AP	10-Aug-13	Cesium-137	-1.12E-05	5.12E-04	3.12E-04	pCi/m3
5F1 SLO OEL(340908001) - AP	12-Nov-13	Cesium-137	6.91E-05	6.02E-04	3.44E-04	pCi/m3

5F2 Cal Poly Farm - Milk

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
5F2 Cal Poly Farm(319022004) - MK	22-Jan-13	Barium-140	4.12E-01	2.30E+00	1.33E+00	pCi/L
5F2 Cal Poly Farm(320090002) - MK	7-Feb-13	Barium-140	1.98E+00	4.98E+00	2.93E+00	pCi/L
5F2 Cal Poly Farm(321494004) - MK	5-Mar-13	Barium-140	1.12E+00	3.68E+00	2.13E+00	pCi/L
5F2 Cal Poly Farm(323576004) - MK	8-Apr-13	Barium-140	-4.63E-01	2.18E+00	1.34E+00	pCi/L
5F2 Cal Poly Farm(325321004) - MK	6-May-13	Barium-140	4.61E-01	2.58E+00	1.49E+00	pCi/L
5F2 Cal Poly Farm(326968005) - MK	3-Jun-13	Barium-140	-1.44E+00	3.07E+00	2.07E+00	pCi/L
5F2 Cal Poly Farm(329197001) - MK	8-Jul-13	Barium-140	1.97E+00	4.90E+00	3.23E+00	pCi/L
5F2 Cal Poly Farm(331038004) - MK	5-Aug-13	Barium-140	-7.17E-02	2.16E+00	1.29E+00	pCi/L
5F2 Cal Poly Farm(332832005) - MK	3-Sep-13	Barium-140	1.20E+00	2.50E+00	1.64E+00	pCi/L
5F2 Cal Poly Farm(335187004) - MK	7-Oct-13	Barium-140	-8.31E-01	1.86E+00	1.26E+00	pCi/L
5F2 Cal Poly Farm(337528001) - MK	12-Nov-13	Barium-140	1.13E+00	2.39E+00	1.42E+00	pCi/L
5F2 Cal Poly Farm(339646004) - MK	16-Dec-13	Barium-140	-1.03E+00	2.41E+00	1.64E+00	pCi/L
5F2 Cal Poly Farm(319022004) - MK	22-Jan-13	Cesium-134	-9.45E-02	2.04E+00	1.20E+00	pCi/L
5F2 Cal Poly Farm(320090002) - MK	7-Feb-13	Cesium-134	-1.95E-02	2.44E+00	1.45E+00	pCi/L
5F2 Cal Poly Farm(321494004) - MK	5-Mar-13	Cesium-134	1.19E+00	2.59E+00	1.59E+00	pCi/L
5F2 Cal Poly Farm(323576004) - MK	8-Apr-13	Cesium-134	-3.31E-01	2.25E+00	1.55E+00	pCi/L
5F2 Cal Poly Farm(325321004) - MK	6-May-13	Cesium-134	9.54E-02	2.10E+00	1.35E+00	pCi/L
5F2 Cal Poly Farm(326968005) - MK	3-Jun-13	Cesium-134	-1.52E-01	2.04E+00	1.21E+00	pCi/L
5F2 Cal Poly Farm(329197001) - MK	8-Jul-13	Cesium-134	1.25E+00	2.45E+00	1.48E+00	pCi/L
5F2 Cal Poly Farm(331038004) - MK	5-Aug-13	Cesium-134	6.20E-01	2.11E+00	1.24E+00	pCi/L
5F2 Cal Poly Farm(332832005) - MK	3-Sep-13	Cesium-134	4.38E-01	2.28E+00	1.34E+00	pCi/L
5F2 Cal Poly Farm(335187004) - MK	7-Oct-13	Cesium-134	8.25E-01	2.13E+00	1.29E+00	pCi/L
5F2 Cal Poly Farm(337528001) - MK	12-Nov-13	Cesium-134	-1.70E-01	2.13E+00	1.28E+00	pCi/L
5F2 Cal Poly Farm(339646004) - MK	16-Dec-13	Cesium-134	6.69E-01	2.04E+00	1.30E+00	pCi/L

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5F2 Cal Poly Farm(319022004) - MK	22-Jan-13	Cesium-137	7.82E-01	2.01E+00	1.24E+00	pCi/L
5F2 Cal Poly Farm(320090002) - MK	7-Feb-13	Cesium-137	1.84E-01	2.38E+00	1.39E+00	pCi/L
5F2 Cal Poly Farm(321494004) - MK	5-Mar-13	Cesium-137	1.23E+00	2.37E+00	1.46E+00	pCi/L
5F2 Cal Poly Farm(323576004) - MK	8-Apr-13	Cesium-137	4.49E-01	2.49E+00	2.00E+00	pCi/L
5F2 Cal Poly Farm(325321004) - MK	6-May-13	Cesium-137	9.73E-01	2.07E+00	1.27E+00	pCi/L
5F2 Cal Poly Farm(326968005) - MK	3-Jun-13	Cesium-137	-8.31E-02	1.75E+00	1.23E+00	pCi/L
5F2 Cal Poly Farm(329197001) - MK	8-Jul-13	Cesium-137	5.75E-01	2.11E+00	1.60E+00	pCi/L
5F2 Cal Poly Farm(331038004) - MK	5-Aug-13	Cesium-137	1.61E+00	2.16E+00	1.44E+00	pCi/L
5F2 Cal Poly Farm(332832005) - MK	3-Sep-13	Cesium-137	7.99E-01	1.88E+00	1.95E+00	pCi/L
5F2 Cal Poly Farm(335187004) - MK	7-Oct-13	Cesium-137	6.36E-01	1.96E+00	1.17E+00	pCi/L
5F2 Cal Poly Farm(337528001) - MK	12-Nov-13	Cesium-137	2.87E-01	2.01E+00	1.88E+00	pCi/L
5F2 Cal Poly Farm(339646004) - MK	16-Dec-13	Cesium-137	-5.53E-01	1.83E+00	1.56E+00	pCi/L
5F2 Cal Poly Farm(319022004) - MK	22-Jan-13	Iodine-131	-2.10E-01	4.16E-01	2.76E-01	pCi/L
5F2 Cal Poly Farm(320090002) - MK	7-Feb-13	Iodine-131	-1.06E-01	4.47E-01	2.75E-01	pCi/L
5F2 Cal Poly Farm(321494004) - MK	5-Mar-13	Iodine-131	5.49E-02	5.02E-01	2.90E-01	pCi/L
5F2 Cal Poly Farm(323576004) - MK	8-Apr-13	Iodine-131	2.45E-01	4.03E-01	2.81E-01	pCi/L
5F2 Cal Poly Farm(325321004) - MK	6-May-13	Iodine-131	2.61E-01	5.28E-01	3.27E-01	pCi/L
5F2 Cal Poly Farm(326968005) - MK	3-Jun-13	Iodine-131	-2.69E-01	6.27E-01	3.99E-01	pCi/L
5F2 Cal Poly Farm(329197001) - MK	8-Jul-13	Iodine-131	-8.10E-02	7.35E-01	4.40E-01	pCi/L
5F2 Cal Poly Farm(331038004) - MK	5-Aug-13	Iodine-131	4.12E-01	6.59E-01	4.22E-01	pCi/L
5F2 Cal Poly Farm(332832005) - MK	3-Sep-13	Iodine-131	1.20E-02	6.18E-01	3.66E-01	pCi/L
5F2 Cal Poly Farm(335187004) - MK	7-Oct-13	Iodine-131	-3.29E-02	6.46E-01	3.77E-01	pCi/L
5F2 Cal Poly Farm(337528001) - MK	12-Nov-13	Iodine-131	-1.77E-01	5.75E-01	3.50E-01	pCi/L
5F2 Cal Poly Farm(339646004) - MK	16-Dec-13	Iodine-131	-2.04E-01	6.52E-01	5.37E-01	pCi/L
5F2 Cal Poly Farm(319022004) - MK	22-Jan-13	Lanthanum-140	4.12E-01	2.30E+00	1.33E+00	pCi/L
5F2 Cal Poly Farm(320090002) - MK	7-Feb-13	Lanthanum-140	1.98E+00	4.98E+00	2.93E+00	pCi/L
5F2 Cal Poly Farm(321494004) - MK	5-Mar-13	Lanthanum-140	1.12E+00	3.68E+00	2.13E+00	pCi/L
5F2 Cal Poly Farm(323576004) - MK	8-Apr-13	Lanthanum-140	-4.63E-01	2.18E+00	1.34E+00	pCi/L
5F2 Cal Poly Farm(325321004) - MK	6-May-13	Lanthanum-140	4.61E-01	2.58E+00	1.49E+00	pCi/L
5F2 Cal Poly Farm(326968005) - MK	3-Jun-13	Lanthanum-140	-1.44E+00	3.07E+00	2.07E+00	pCi/L
5F2 Cal Poly Farm(329197001) - MK	8-Jul-13	Lanthanum-140	1.97E+00	4.90E+00	3.23E+00	pCi/L
5F2 Cal Poly Farm(331038004) - MK	5-Aug-13	Lanthanum-140	-7.17E-02	2.16E+00	1.29E+00	pCi/L
5F2 Cal Poly Farm(332832005) - MK	3-Sep-13	Lanthanum-140	1.20E+00	2.50E+00	1.64E+00	pCi/L
5F2 Cal Poly Farm(335187004) - MK	7-Oct-13	Lanthanum-140	-8.31E-01	1.86E+00	1.26E+00	pCi/L
5F2 Cal Poly Farm(337528001) - MK	12-Nov-13	Lanthanum-140	1.13E+00	2.39E+00	1.42E+00	pCi/L
5F2 Cal Poly Farm(339646004) - MK	16-Dec-13	Lanthanum-140	-1.03E+00	2.41E+00	1.64E+00	pCi/L
5F2 Cal Poly Farm(319022004) - MK	22-Jan-13	Potassium-40	1.37E+03	1.77E+01	1.33E+02	pCi/L
5F2 Cal Poly Farm(320090002) - MK	7-Feb-13	Potassium-40	1.80E+03	2.06E+01	1.74E+02	pCi/L
5F2 Cal Poly Farm(321494004) - MK	5-Mar-13	Potassium-40	1.45E+03	2.11E+01	1.43E+02	pCi/L
5F2 Cal Poly Farm(323576004) - MK	8-Apr-13	Potassium-40	1.40E+03	1.98E+01	1.36E+02	pCi/L
5F2 Cal Poly Farm(325321004) - MK	6-May-13	Potassium-40	1.37E+03	1.83E+01	1.38E+02	pCi/L
5F2 Cal Poly Farm(326968005) - MK	3-Jun-13	Potassium-40	1.40E+03	1.70E+01	1.35E+02	pCi/L
5F2 Cal Poly Farm(329197001) - MK	8-Jul-13	Potassium-40	1.47E+03	1.89E+01	1.42E+02	pCi/L
5F2 Cal Poly Farm(331038004) - MK	5-Aug-13	Potassium-40	1.36E+03	1.86E+01	1.34E+02	pCi/L
5F2 Cal Poly Farm(332832005) - MK	3-Sep-13	Potassium-40	1.34E+03	1.93E+01	1.30E+02	pCi/L

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5F2 Cal Poly Farm(335187004) - MK	7-Oct-13	Potassium-40	1.36E+03	1.57E+01	1.33E+02	pCi/L
5F2 Cal Poly Farm(337528001) - MK	12-Nov-13	Potassium-40	1.37E+03	1.82E+01	1.33E+02	pCi/L
5F2 Cal Poly Farm(339646004) - MK	16-Dec-13	Potassium-40	1.36E+03	1.69E+01	1.29E+02	pCi/L
5F2 Cal Poly Farm(319022004) - MK	22-Jan-13	Total Strontium	1.44E-01	3.42E-01	2.10E-01	pCi/L
5F2 Cal Poly Farm(320090002) - MK	7-Feb-13	Total Strontium	1.78E-01	3.47E-01	2.16E-01	pCi/L
5F2 Cal Poly Farm(321494004) - MK	5-Mar-13	Total Strontium	1.26E-02	3.96E-01	2.36E-01	pCi/L
5F2 Cal Poly Farm(323576004) - MK	8-Apr-13	Total Strontium	4.91E-02	1.30E-01	8.03E-02	pCi/L
5F2 Cal Poly Farm(325321004) - MK	6-May-13	Total Strontium	1.85E-01	4.00E-01	2.47E-01	pCi/L
5F2 Cal Poly Farm(326968005) - MK	3-Jun-13	Total Strontium	3.80E-02	2.68E-01	1.61E-01	pCi/L
5F2 Cal Poly Farm(329197001) - MK	8-Jul-13	Total Strontium	2.81E-01	2.82E-01	1.86E-01	pCi/L
5F2 Cal Poly Farm(331038004) - MK	5-Aug-13	Total Strontium	-2.30E-01	5.98E-01	3.51E-01	pCi/L
5F2 Cal Poly Farm(332832005) - MK	3-Sep-13	Total Strontium	7.02E-02	2.15E-01	1.32E-01	pCi/L
5F2 Cal Poly Farm(335187004) - MK	7-Oct-13	Total Strontium	1.64E-01	2.36E-01	1.52E-01	pCi/L
5F2 Cal Poly Farm(337528001) - MK	12-Nov-13	Total Strontium	-4.16E-03	2.46E-01	1.46E-01	pCi/L
5F2 Cal Poly Farm(339646004) - MK	16-Dec-13	Total Strontium	-2.44E-01	3.27E-01	1.87E-01	pCi/L

5F2 Cal Poly Farm - Vegetation

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
5F2 Cal Poly Farm(319022001) - VG Brdleaf	22-Jan-13	Beryllium-7	2.86E+02	7.37E+01	8.92E+01	pCi/kg
5F2 Cal Poly Farm(320369001) - VG Brdleaf	7-Feb-13	Beryllium-7	2.47E+02	4.74E+01	5.41E+01	pCi/kg
5F2 Cal Poly Farm(319022001) - VG Brdleaf	22-Jan-13	Cesium-134	1.29E+00	1.12E+01	6.87E+00	pCi/kg
5F2 Cal Poly Farm(320369001) - VG Brdleaf	7-Feb-13	Cesium-134	5.74E-01	6.55E+00	4.02E+00	pCi/kg
5F2 Cal Poly Farm(321494001) - VG Brdleaf	5-Mar-13	Cesium-134	1.66E+00	8.39E+00	5.98E+00	pCi/kg
5F2 Cal Poly Farm(323576001) - VG Brdleaf	8-Apr-13	Cesium-134	-6.16E+00	9.37E+00	8.13E+00	pCi/kg
5F2 Cal Poly Farm(325321001) - VG Brdleaf	6-May-13	Cesium-134	7.04E+00	9.45E+00	6.06E+00	pCi/kg
5F2 Cal Poly Farm(326968002) - VG Brdleaf	3-Jun-13	Cesium-134	1.55E+00	7.28E+00	4.29E+00	pCi/kg
5F2 Cal Poly Farm(329197003) - VG Brdleaf	8-Jul-13	Cesium-134	4.41E+00	1.03E+01	6.12E+00	pCi/kg
5F2 Cal Poly Farm(331038001) - VG Brdleaf	5-Aug-13	Cesium-134	2.50E+00	1.26E+01	7.95E+00	pCi/kg
5F2 Cal Poly Farm(332832002) - VG Brdleaf	3-Sep-13	Cesium-134	2.70E+00	6.82E+00	4.01E+00	pCi/kg
5F2 Cal Poly Farm(335187001) - VG Brdleaf	7-Oct-13	Cesium-134	-7.11E+00	9.28E+00	8.47E+00	pCi/kg
5F2 Cal Poly Farm(337528002) - VG Brdleaf	12-Nov-13	Cesium-134	7.79E-02	1.43E+01	8.97E+00	pCi/kg
5F2 Cal Poly Farm(339646001) - VG Brdleaf	16-Dec-13	Cesium-134	7.32E-01	9.14E+00	6.12E+00	pCi/kg
5F2 Cal Poly Farm(319022001) - VG Brdleaf	22-Jan-13	Cesium-137	1.68E+00	9.95E+00	6.82E+00	pCi/kg
5F2 Cal Poly Farm(320369001) - VG Brdleaf	7-Feb-13	Cesium-137	2.33E+00	5.88E+00	3.53E+00	pCi/kg
5F2 Cal Poly Farm(321494001) - VG Brdleaf	5-Mar-13	Cesium-137	5.87E+00	7.08E+00	7.09E+00	pCi/kg
5F2 Cal Poly Farm(323576001) - VG Brdleaf	8-Apr-13	Cesium-137	5.07E+00	7.85E+00	7.06E+00	pCi/kg
5F2 Cal Poly Farm(325321001) - VG Brdleaf	6-May-13	Cesium-137	-1.16E+00	8.49E+00	5.12E+00	pCi/kg
5F2 Cal Poly Farm(326968002) - VG Brdleaf	3-Jun-13	Cesium-137	1.99E+00	7.12E+00	4.17E+00	pCi/kg
5F2 Cal Poly Farm(329197003) - VG Brdleaf	8-Jul-13	Cesium-137	9.16E-01	8.88E+00	5.32E+00	pCi/kg
5F2 Cal Poly Farm(331038001) - VG Brdleaf	5-Aug-13	Cesium-137	-3.86E+00	1.20E+01	9.11E+00	pCi/kg
5F2 Cal Poly Farm(332832002) - VG Brdleaf	3-Sep-13	Cesium-137	-8.27E-01	5.97E+00	4.94E+00	pCi/kg
5F2 Cal Poly Farm(335187001) - VG Brdleaf	7-Oct-13	Cesium-137	3.92E+00	8.73E+00	8.00E+00	pCi/kg
5F2 Cal Poly Farm(337528002) - VG Brdleaf	12-Nov-13	Cesium-137	3.45E+00	1.50E+01	9.13E+00	pCi/kg
5F2 Cal Poly Farm(339646001) - VG Brdleaf	16-Dec-13	Cesium-137	-2.09E+00	8.49E+00	6.54E+00	pCi/kg
5F2 Cal Poly Farm(319022001) - VG Brdleaf	22-Jan-13	Iodine-131	1.32E+00	1.44E+01	8.70E+00	pCi/kg

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5F2 Cal Poly Farm(320369001) - VG Brdleaf	7-Feb-13	Iodine-131	3.25E+00	1.05E+01	6.44E+00	pCi/kg
5F2 Cal Poly Farm(321494001) - VG Brdleaf	5-Mar-13	Iodine-131	-2.91E+00	9.36E+00	5.99E+00	pCi/kg
5F2 Cal Poly Farm(323576001) - VG Brdleaf	8-Apr-13	Iodine-131	-7.13E+00	9.63E+00	8.53E+00	pCi/kg
5F2 Cal Poly Farm(325321001) - VG Brdleaf	6-May-13	Iodine-131	-5.76E+00	1.00E+01	6.92E+00	pCi/kg
5F2 Cal Poly Farm(326968002) - VG Brdleaf	3-Jun-13	Iodine-131	-2.75E-01	1.13E+01	6.85E+00	pCi/kg
5F2 Cal Poly Farm(329197003) - VG Brdleaf	8-Jul-13	Iodine-131	1.23E+00	2.00E+01	1.16E+01	pCi/kg
5F2 Cal Poly Farm(331038001) - VG Brdleaf	5-Aug-13	Iodine-131	-2.71E+00	1.34E+01	8.27E+00	pCi/kg
5F2 Cal Poly Farm(332832002) - VG Brdleaf	3-Sep-13	Iodine-131	-4.47E-01	8.98E+00	5.34E+00	pCi/kg
5F2 Cal Poly Farm(335187001) - VG Brdleaf	7-Oct-13	Iodine-131	-4.23E+00	1.06E+01	6.82E+00	pCi/kg
5F2 Cal Poly Farm(337528002) - VG Brdleaf	12-Nov-13	Iodine-131	-1.19E+01	1.62E+01	1.14E+01	pCi/kg
5F2 Cal Poly Farm(339646001) - VG Brdleaf	16-Dec-13	Iodine-131	2.34E-01	1.11E+01	6.49E+00	pCi/kg
5F2 Cal Poly Farm(319022001) - VG Brdleaf	22-Jan-13	Potassium-40	2.67E+03	9.62E+01	3.09E+02	pCi/kg
5F2 Cal Poly Farm(320369001) - VG Brdleaf	7-Feb-13	Potassium-40	2.77E+03	4.49E+01	2.79E+02	pCi/kg
5F2 Cal Poly Farm(321494001) - VG Brdleaf	5-Mar-13	Potassium-40	2.47E+03	7.24E+01	2.94E+02	pCi/kg
5F2 Cal Poly Farm(323576001) - VG Brdleaf	8-Apr-13	Potassium-40	2.50E+03	8.02E+01	3.00E+02	pCi/kg
5F2 Cal Poly Farm(325321001) - VG Brdleaf	6-May-13	Potassium-40	2.60E+03	7.33E+01	3.21E+02	pCi/kg
5F2 Cal Poly Farm(326968002) - VG Brdleaf	3-Jun-13	Potassium-40	3.14E+03	5.46E+01	3.34E+02	pCi/kg
5F2 Cal Poly Farm(329197003) - VG Brdleaf	8-Jul-13	Potassium-40	3.13E+03	7.44E+01	3.38E+02	pCi/kg
5F2 Cal Poly Farm(331038001) - VG Brdleaf	5-Aug-13	Potassium-40	4.31E+03	1.13E+02	4.63E+02	pCi/kg
5F2 Cal Poly Farm(332832002) - VG Brdleaf	3-Sep-13	Potassium-40	3.71E+03	6.19E+01	3.81E+02	pCi/kg
5F2 Cal Poly Farm(335187001) - VG Brdleaf	7-Oct-13	Potassium-40	3.42E+03	8.58E+01	3.94E+02	pCi/kg
5F2 Cal Poly Farm(337528002) - VG Brdleaf	12-Nov-13	Potassium-40	2.56E+03	1.05E+02	3.16E+02	pCi/kg
5F2 Cal Poly Farm(339646001) - VG Brdleaf	16-Dec-13	Potassium-40	2.45E+03	8.02E+01	2.85E+02	pCi/kg

5F2 Cal Poly Farm - Replicate Vegetation

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
5F2 Cal Poly Farm-R(332832001) - VG Brdleaf	3-Sep-13	Cesium-134	-5.22E+00	8.93E+00	6.53E+00	pCi/kg
5F2 Cal Poly Farm-R(332832001) - VG Brdleaf	3-Sep-13	Cesium-137	1.94E+00	9.47E+00	5.49E+00	pCi/kg
5F2 Cal Poly Farm-R(332832001) - VG Brdleaf	3-Sep-13	Iodine-131	-5.98E+00	1.36E+01	8.88E+00	pCi/kg
5F2 Cal Poly Farm-R(332832001) - VG Brdleaf	3-Sep-13	Potassium-40	3.63E+03	8.90E+01	3.90E+02	pCi/kg

5S2 Diablo Creek Weir - Drinking Water

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
5S2 Diablo Creek Weir(319086001) - DW	23-Jan-13	BETA	1.47E+00	2.60E+00	1.63E+00	pCi/L
5S2 Diablo Creek Weir(320441001) - DW	13-Feb-13	BETA	1.11E+00	1.50E+00	9.70E-01	pCi/L
5S2 Diablo Creek Weir(321580002) - DW	6-Mar-13	BETA	4.11E-01	3.50E+00	2.11E+00	pCi/L
5S2 Diablo Creek Weir(323664003) - DW	9-Apr-13	BETA	2.64E+00	2.84E+00	1.85E+00	pCi/L
5S2 Diablo Creek Weir(325438001) - DW	7-May-13	BETA	2.46E+00	1.58E+00	1.16E+00	pCi/L
5S2 Diablo Creek Weir(327464001) - DW	10-Jun-13	BETA	2.93E+00	3.24E+00	2.07E+00	pCi/L
5S2 Diablo Creek Weir(329316001) - DW	9-Jul-13	BETA	2.16E+00	4.09E+00	2.55E+00	pCi/L
5S2 Diablo Creek Weir(331170001) - DW	6-Aug-13	BETA	1.76E+00	2.49E+00	1.56E+00	pCi/L
5S2 Diablo Creek Weir(332974001) - DW	4-Sep-13	BETA	7.68E-01	1.76E+00	1.09E+00	pCi/L
5S2 Diablo Creek Weir(336220001) - DW	22-Oct-13	BETA	3.79E+00	2.92E+00	1.97E+00	pCi/L
5S2 Diablo Creek Weir(337039001) - DW	5-Nov-13	BETA	3.25E+00	3.58E+00	2.28E+00	pCi/L
5S2 Diablo Creek Weir(339164001) - DW	10-Dec-13	BETA	2.08E+00	2.38E+00	1.52E+00	pCi/L

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5S2 Diablo Creek Weir(319086001) - DW	23-Jan-13	Barium-140	9.67E-02	2.94E+00	1.73E+00	pCi/L
5S2 Diablo Creek Weir(320441001) - DW	13-Feb-13	Barium-140	2.32E-01	2.12E+00	1.22E+00	pCi/L
5S2 Diablo Creek Weir(321580002) - DW	6-Mar-13	Barium-140	-5.97E-01	2.16E+00	1.34E+00	pCi/L
5S2 Diablo Creek Weir(323664003) - DW	9-Apr-13	Barium-140	-1.95E-02	3.14E+00	1.86E+00	pCi/L
5S2 Diablo Creek Weir(325438001) - DW	7-May-13	Barium-140	-1.12E+00	2.79E+00	2.14E+00	pCi/L
5S2 Diablo Creek Weir(327464001) - DW	10-Jun-13	Barium-140	-2.38E-01	2.05E+00	1.28E+00	pCi/L
5S2 Diablo Creek Weir(329316001) - DW	9-Jul-13	Barium-140	5.68E-01	4.32E+00	2.55E+00	pCi/L
5S2 Diablo Creek Weir(331170001) - DW	6-Aug-13	Barium-140	6.83E-01	2.20E+00	2.16E+00	pCi/L
5S2 Diablo Creek Weir(332974001) - DW	4-Sep-13	Barium-140	-1.21E+00	3.39E+00	2.21E+00	pCi/L
5S2 Diablo Creek Weir(336220001) - DW	22-Oct-13	Barium-140	7.23E-01	2.67E+00	1.56E+00	pCi/L
5S2 Diablo Creek Weir(337039001) - DW	5-Nov-13	Barium-140	9.04E-01	3.73E+00	2.15E+00	pCi/L
5S2 Diablo Creek Weir(339164001) - DW	10-Dec-13	Barium-140	-2.08E-01	2.69E+00	1.66E+00	pCi/L
5S2 Diablo Creek Weir(319086001) - DW	23-Jan-13	Cesium-134	8.99E-01	2.06E+00	1.22E+00	pCi/L
5S2 Diablo Creek Weir(320441001) - DW	13-Feb-13	Cesium-134	-4.63E-01	1.61E+00	9.91E-01	pCi/L
5S2 Diablo Creek Weir(321580002) - DW	6-Mar-13	Cesium-134	3.27E-01	1.75E+00	1.01E+00	pCi/L
5S2 Diablo Creek Weir(323664003) - DW	9-Apr-13	Cesium-134	7.12E-01	2.18E+00	1.31E+00	pCi/L
5S2 Diablo Creek Weir(325438001) - DW	7-May-13	Cesium-134	1.18E-01	1.78E+00	1.19E+00	pCi/L
5S2 Diablo Creek Weir(327464001) - DW	10-Jun-13	Cesium-134	-5.20E-01	1.62E+00	1.06E+00	pCi/L
5S2 Diablo Creek Weir(329316001) - DW	9-Jul-13	Cesium-134	4.08E-01	1.90E+00	1.12E+00	pCi/L
5S2 Diablo Creek Weir(331170001) - DW	6-Aug-13	Cesium-134	2.63E-01	1.84E+00	1.74E+00	pCi/L
5S2 Diablo Creek Weir(332974001) - DW	4-Sep-13	Cesium-134	4.33E-01	2.09E+00	1.22E+00	pCi/L
5S2 Diablo Creek Weir(336220001) - DW	22-Oct-13	Cesium-134	2.31E-01	1.79E+00	1.04E+00	pCi/L
5S2 Diablo Creek Weir(337039001) - DW	5-Nov-13	Cesium-134	8.86E-01	2.46E+00	1.48E+00	pCi/L
5S2 Diablo Creek Weir(339164001) - DW	10-Dec-13	Cesium-134	6.35E-01	1.67E+00	9.84E-01	pCi/L
5S2 Diablo Creek Weir(319086001) - DW	23-Jan-13	Cesium-137	-6.95E-01	1.88E+00	1.43E+00	pCi/L
5S2 Diablo Creek Weir(320441001) - DW	13-Feb-13	Cesium-137	2.53E-01	1.69E+00	1.02E+00	pCi/L
5S2 Diablo Creek Weir(321580002) - DW	6-Mar-13	Cesium-137	7.46E-01	1.65E+00	1.02E+00	pCi/L
5S2 Diablo Creek Weir(323664003) - DW	9-Apr-13	Cesium-137	-9.18E-01	2.23E+00	1.68E+00	pCi/L
5S2 Diablo Creek Weir(325438001) - DW	7-May-13	Cesium-137	8.19E-01	1.80E+00	1.11E+00	pCi/L
5S2 Diablo Creek Weir(327464001) - DW	10-Jun-13	Cesium-137	4.37E-01	1.70E+00	1.03E+00	pCi/L
5S2 Diablo Creek Weir(329316001) - DW	9-Jul-13	Cesium-137	1.57E+00	1.59E+00	2.46E+00	pCi/L
5S2 Diablo Creek Weir(331170001) - DW	6-Aug-13	Cesium-137	7.17E-01	1.70E+00	1.02E+00	pCi/L
5S2 Diablo Creek Weir(332974001) - DW	4-Sep-13	Cesium-137	6.19E-02	1.95E+00	1.14E+00	pCi/L
5S2 Diablo Creek Weir(336220001) - DW	22-Oct-13	Cesium-137	-7.79E-02	1.77E+00	1.47E+00	pCi/L
5S2 Diablo Creek Weir(337039001) - DW	5-Nov-13	Cesium-137	1.01E+00	2.22E+00	1.35E+00	pCi/L
5S2 Diablo Creek Weir(339164001) - DW	10-Dec-13	Cesium-137	8.45E-02	1.70E+00	1.66E+00	pCi/L
5S2 Diablo Creek Weir(319086001) - DW	23-Jan-13	Cobalt-58	7.97E-02	1.75E+00	1.03E+00	pCi/L
5S2 Diablo Creek Weir(320441001) - DW	13-Feb-13	Cobalt-58	2.79E-01	1.54E+00	8.92E-01	pCi/L
5S2 Diablo Creek Weir(321580002) - DW	6-Mar-13	Cobalt-58	-6.88E-02	1.52E+00	8.92E-01	pCi/L
5S2 Diablo Creek Weir(323664003) - DW	9-Apr-13	Cobalt-58	-8.00E-02	2.03E+00	1.24E+00	pCi/L
5S2 Diablo Creek Weir(325438001) - DW	7-May-13	Cobalt-58	8.26E-01	1.62E+00	1.17E+00	pCi/L
5S2 Diablo Creek Weir(327464001) - DW	10-Jun-13	Cobalt-58	1.95E-01	1.49E+00	8.62E-01	pCi/L
5S2 Diablo Creek Weir(329316001) - DW	9-Jul-13	Cobalt-58	4.48E-01	1.80E+00	1.06E+00	pCi/L
5S2 Diablo Creek Weir(331170001) - DW	6-Aug-13	Cobalt-58	5.53E-01	1.68E+00	1.01E+00	pCi/L
5S2 Diablo Creek Weir(332974001) - DW	4-Sep-13	Cobalt-58	1.59E-01	1.88E+00	1.11E+00	pCi/L

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5S2 Diablo Creek Weir(336220001) - DW	22-Oct-13	Cobalt-58	4.18E-01	1.74E+00	1.02E+00	pCi/L
5S2 Diablo Creek Weir(337039001) - DW	5-Nov-13	Cobalt-58	5.38E-01	1.95E+00	1.17E+00	pCi/L
5S2 Diablo Creek Weir(339164001) - DW	10-Dec-13	Cobalt-58	-1.51E-01	1.50E+00	8.88E-01	pCi/L
5S2 Diablo Creek Weir(319086001) - DW	23-Jan-13	Cobalt-60	-1.10E-01	1.79E+00	1.06E+00	pCi/L
5S2 Diablo Creek Weir(320441001) - DW	13-Feb-13	Cobalt-60	-7.67E-01	1.62E+00	1.60E+00	pCi/L
5S2 Diablo Creek Weir(321580002) - DW	6-Mar-13	Cobalt-60	5.77E-01	1.62E+00	9.61E-01	pCi/L
5S2 Diablo Creek Weir(323664003) - DW	9-Apr-13	Cobalt-60	2.24E-01	2.21E+00	1.32E+00	pCi/L
5S2 Diablo Creek Weir(325438001) - DW	7-May-13	Cobalt-60	-3.93E-01	1.73E+00	1.06E+00	pCi/L
5S2 Diablo Creek Weir(327464001) - DW	10-Jun-13	Cobalt-60	1.38E+00	1.84E+00	1.18E+00	pCi/L
5S2 Diablo Creek Weir(329316001) - DW	9-Jul-13	Cobalt-60	-1.07E+00	1.58E+00	1.38E+00	pCi/L
5S2 Diablo Creek Weir(331170001) - DW	6-Aug-13	Cobalt-60	7.97E-02	1.93E+00	1.59E+00	pCi/L
5S2 Diablo Creek Weir(332974001) - DW	4-Sep-13	Cobalt-60	3.56E-02	1.89E+00	1.11E+00	pCi/L
5S2 Diablo Creek Weir(336220001) - DW	22-Oct-13	Cobalt-60	2.64E-01	1.73E+00	9.96E-01	pCi/L
5S2 Diablo Creek Weir(337039001) - DW	5-Nov-13	Cobalt-60	-4.31E-01	2.12E+00	1.33E+00	pCi/L
5S2 Diablo Creek Weir(339164001) - DW	10-Dec-13	Cobalt-60	-3.26E-02	1.71E+00	1.14E+00	pCi/L
5S2 Diablo Creek Weir(319086001) - DW	23-Jan-13	Iodine-131	-6.49E-02	5.72E-01	3.36E-01	pCi/L
5S2 Diablo Creek Weir(320441001) - DW	13-Feb-13	Iodine-131	7.64E-02	5.80E-01	3.35E-01	pCi/L
5S2 Diablo Creek Weir(321580002) - DW	6-Mar-13	Iodine-131	1.79E-01	5.36E-01	3.24E-01	pCi/L
5S2 Diablo Creek Weir(323664003) - DW	9-Apr-13	Iodine-131	-5.39E-03	4.47E-01	2.62E-01	pCi/L
5S2 Diablo Creek Weir(325438001) - DW	7-May-13	Iodine-131	-3.33E-01	6.11E-01	3.99E-01	pCi/L
5S2 Diablo Creek Weir(327464001) - DW	10-Jun-13	Iodine-131	1.08E-01	4.38E-01	2.57E-01	pCi/L
5S2 Diablo Creek Weir(329316001) - DW	9-Jul-13	Iodine-131	-1.55E-01	6.91E-01	4.30E-01	pCi/L
5S2 Diablo Creek Weir(331170001) - DW	6-Aug-13	Iodine-131	-5.11E-01	7.45E-01	7.36E-01	pCi/L
5S2 Diablo Creek Weir(332974001) - DW	4-Sep-13	Iodine-131	2.16E-01	5.67E-01	3.94E-01	pCi/L
5S2 Diablo Creek Weir(336220001) - DW	22-Oct-13	Iodine-131	-1.33E-01	6.50E-01	3.90E-01	pCi/L
5S2 Diablo Creek Weir(337039001) - DW	5-Nov-13	Iodine-131	6.22E-02	6.50E-01	3.78E-01	pCi/L
5S2 Diablo Creek Weir(339164001) - DW	10-Dec-13	Iodine-131	-7.57E-02	4.90E-01	2.95E-01	pCi/L
5S2 Diablo Creek Weir(319086001) - DW	23-Jan-13	Iron-55	-3.17E+01	1.45E+02	1.00E+02	pCi/L
5S2 Diablo Creek Weir(320441001) - DW	13-Feb-13	Iron-55	-1.83E+00	9.66E+01	6.60E+01	pCi/L
5S2 Diablo Creek Weir(321580002) - DW	6-Mar-13	Iron-55	2.96E+01	1.11E+02	7.82E+01	pCi/L
5S2 Diablo Creek Weir(323664003) - DW	9-Apr-13	Iron-55	6.55E+01	1.17E+02	8.73E+01	pCi/L
5S2 Diablo Creek Weir(325438001) - DW	7-May-13	Iron-55	3.50E+00	1.00E+02	6.99E+01	pCi/L
5S2 Diablo Creek Weir(327464001) - DW	10-Jun-13	Iron-55	-4.71E+01	7.58E+01	5.18E+01	pCi/L
5S2 Diablo Creek Weir(329316001) - DW	9-Jul-13	Iron-55	-2.72E+01	1.14E+02	7.64E+01	pCi/L
5S2 Diablo Creek Weir(331170001) - DW	6-Aug-13	Iron-55	9.14E+01	1.75E+02	1.31E+02	pCi/L
5S2 Diablo Creek Weir(332974001) - DW	4-Sep-13	Iron-55	2.52E+01	5.53E+01	4.10E+01	pCi/L
5S2 Diablo Creek Weir(336220001) - DW	22-Oct-13	Iron-55	1.51E+01	7.52E+01	5.33E+01	pCi/L
5S2 Diablo Creek Weir(337039001) - DW	5-Nov-13	Iron-55	6.42E+00	7.60E+01	5.29E+01	pCi/L
5S2 Diablo Creek Weir(339164001) - DW	10-Dec-13	Iron-55	5.20E+00	6.31E+01	4.42E+01	pCi/L
5S2 Diablo Creek Weir(319086001) - DW	23-Jan-13	Iron-59	-8.21E-01	3.37E+00	2.14E+00	pCi/L
5S2 Diablo Creek Weir(320441001) - DW	13-Feb-13	Iron-59	1.07E+00	2.97E+00	1.99E+00	pCi/L
5S2 Diablo Creek Weir(321580002) - DW	6-Mar-13	Iron-59	-1.19E+00	2.84E+00	1.87E+00	pCi/L
5S2 Diablo Creek Weir(323664003) - DW	9-Apr-13	Iron-59	-3.30E-01	4.09E+00	2.46E+00	pCi/L
5S2 Diablo Creek Weir(325438001) - DW	7-May-13	Iron-59	-1.58E+00	2.98E+00	2.39E+00	pCi/L
5S2 Diablo Creek Weir(327464001) - DW	10-Jun-13	Iron-59	-1.53E-01	2.97E+00	1.78E+00	pCi/L

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5S2 Diablo Creek Weir(329316001) - DW	9-Jul-13	Iron-59	3.04E-01	3.92E+00	2.74E+00	pCi/L
5S2 Diablo Creek Weir(331170001) - DW	6-Aug-13	Iron-59	-2.45E+00	2.58E+00	2.05E+00	pCi/L
5S2 Diablo Creek Weir(332974001) - DW	4-Sep-13	Iron-59	1.94E+00	4.00E+00	2.44E+00	pCi/L
5S2 Diablo Creek Weir(336220001) - DW	22-Oct-13	Iron-59	-1.17E+00	2.98E+00	1.97E+00	pCi/L
5S2 Diablo Creek Weir(337039001) - DW	5-Nov-13	Iron-59	-2.72E+00	3.93E+00	4.09E+00	pCi/L
5S2 Diablo Creek Weir(339164001) - DW	10-Dec-13	Iron-59	2.66E-01	3.11E+00	1.83E+00	pCi/L
5S2 Diablo Creek Weir(319086001) - DW	23-Jan-13	Lanthanum-140	9.67E-02	2.94E+00	1.73E+00	pCi/L
5S2 Diablo Creek Weir(320441001) - DW	13-Feb-13	Lanthanum-140	2.32E-01	2.12E+00	1.22E+00	pCi/L
5S2 Diablo Creek Weir(321580002) - DW	6-Mar-13	Lanthanum-140	-5.97E-01	2.16E+00	1.34E+00	pCi/L
5S2 Diablo Creek Weir(323664003) - DW	9-Apr-13	Lanthanum-140	-1.95E-02	3.14E+00	1.86E+00	pCi/L
5S2 Diablo Creek Weir(325438001) - DW	7-May-13	Lanthanum-140	-1.12E+00	2.79E+00	2.14E+00	pCi/L
5S2 Diablo Creek Weir(327464001) - DW	10-Jun-13	Lanthanum-140	-2.38E-01	2.05E+00	1.28E+00	pCi/L
5S2 Diablo Creek Weir(329316001) - DW	9-Jul-13	Lanthanum-140	5.68E-01	4.32E+00	2.55E+00	pCi/L
5S2 Diablo Creek Weir(331170001) - DW	6-Aug-13	Lanthanum-140	6.83E-01	2.20E+00	2.16E+00	pCi/L
5S2 Diablo Creek Weir(332974001) - DW	4-Sep-13	Lanthanum-140	-1.21E+00	3.39E+00	2.21E+00	pCi/L
5S2 Diablo Creek Weir(336220001) - DW	22-Oct-13	Lanthanum-140	7.23E-01	2.67E+00	1.56E+00	pCi/L
5S2 Diablo Creek Weir(337039001) - DW	5-Nov-13	Lanthanum-140	9.04E-01	3.73E+00	2.15E+00	pCi/L
5S2 Diablo Creek Weir(339164001) - DW	10-Dec-13	Lanthanum-140	-2.08E-01	2.69E+00	1.66E+00	pCi/L
5S2 Diablo Creek Weir(319086001) - DW	23-Jan-13	Manganese-54	-8.06E-01	1.67E+00	1.11E+00	pCi/L
5S2 Diablo Creek Weir(320441001) - DW	13-Feb-13	Manganese-54	4.51E-01	1.53E+00	8.94E-01	pCi/L
5S2 Diablo Creek Weir(321580002) - DW	6-Mar-13	Manganese-54	-9.48E-01	1.38E+00	9.67E-01	pCi/L
5S2 Diablo Creek Weir(323664003) - DW	9-Apr-13	Manganese-54	-1.37E+00	1.94E+00	1.42E+00	pCi/L
5S2 Diablo Creek Weir(325438001) - DW	7-May-13	Manganese-54	1.86E-01	1.63E+00	9.52E-01	pCi/L
5S2 Diablo Creek Weir(327464001) - DW	10-Jun-13	Manganese-54	-6.93E-01	1.47E+00	1.17E+00	pCi/L
5S2 Diablo Creek Weir(329316001) - DW	9-Jul-13	Manganese-54	2.17E-01	1.79E+00	1.06E+00	pCi/L
5S2 Diablo Creek Weir(331170001) - DW	6-Aug-13	Manganese-54	4.53E-01	1.54E+00	1.05E+00	pCi/L
5S2 Diablo Creek Weir(332974001) - DW	4-Sep-13	Manganese-54	4.39E-02	1.85E+00	1.10E+00	pCi/L
5S2 Diablo Creek Weir(336220001) - DW	22-Oct-13	Manganese-54	1.74E-01	1.72E+00	1.01E+00	pCi/L
5S2 Diablo Creek Weir(337039001) - DW	5-Nov-13	Manganese-54	-7.30E-02	1.95E+00	1.19E+00	pCi/L
5S2 Diablo Creek Weir(339164001) - DW	10-Dec-13	Manganese-54	-2.37E-01	1.53E+00	9.16E-01	pCi/L
5S2 Diablo Creek Weir(319086001) - DW	23-Jan-13	Nickel-63	1.38E+01	2.51E+01	1.54E+01	pCi/L
5S2 Diablo Creek Weir(320441001) - DW	13-Feb-13	Nickel-63	1.69E+01	2.99E+01	1.85E+01	pCi/L
5S2 Diablo Creek Weir(321580002) - DW	6-Mar-13	Nickel-63	-5.47E+00	2.89E+01	1.71E+01	pCi/L
5S2 Diablo Creek Weir(323664003) - DW	9-Apr-13	Nickel-63	1.99E+01	3.65E+01	2.24E+01	pCi/L
5S2 Diablo Creek Weir(325438001) - DW	7-May-13	Nickel-63	1.80E+01	3.33E+01	2.06E+01	pCi/L
5S2 Diablo Creek Weir(327464001) - DW	10-Jun-13	Nickel-63	2.56E+01	3.48E+01	2.24E+01	pCi/L
5S2 Diablo Creek Weir(329316001) - DW	9-Jul-13	Nickel-63	1.25E+01	3.26E+01	1.99E+01	pCi/L
5S2 Diablo Creek Weir(331170001) - DW	6-Aug-13	Nickel-63	-6.77E+00	4.01E+01	2.37E+01	pCi/L
5S2 Diablo Creek Weir(332974001) - DW	4-Sep-13	Nickel-63	-2.20E+01	3.41E+01	1.95E+01	pCi/L
5S2 Diablo Creek Weir(336220001) - DW	22-Oct-13	Nickel-63	1.30E+00	2.16E+01	1.29E+01	pCi/L
5S2 Diablo Creek Weir(337039001) - DW	5-Nov-13	Nickel-63	4.37E-01	3.30E+01	1.97E+01	pCi/L
5S2 Diablo Creek Weir(339164001) - DW	10-Dec-13	Nickel-63	1.20E+01	3.30E+01	2.04E+01	pCi/L
5S2 Diablo Creek Weir(319086001) - DW	23-Jan-13	Niobium-95	-1.75E+00	1.87E+00	2.21E+00	pCi/L
5S2 Diablo Creek Weir(320441001) - DW	13-Feb-13	Niobium-95	-7.12E-01	1.54E+00	1.57E+00	pCi/L
5S2 Diablo Creek Weir(321580002) - DW	6-Mar-13	Niobium-95	7.50E-01	1.64E+00	9.78E-01	pCi/L

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5S2 Diablo Creek Weir(323664003) - DW	9-Apr-13	Niobium-95	8.77E-01	2.14E+00	1.30E+00	pCi/L
5S2 Diablo Creek Weir(325438001) - DW	7-May-13	Niobium-95	-3.68E-01	1.64E+00	1.31E+00	pCi/L
5S2 Diablo Creek Weir(327464001) - DW	10-Jun-13	Niobium-95	9.91E-01	1.66E+00	1.03E+00	pCi/L
5S2 Diablo Creek Weir(329316001) - DW	9-Jul-13	Niobium-95	1.40E+00	1.87E+00	1.21E+00	pCi/L
5S2 Diablo Creek Weir(331170001) - DW	6-Aug-13	Niobium-95	1.36E+00	1.36E+00	1.80E+00	pCi/L
5S2 Diablo Creek Weir(332974001) - DW	4-Sep-13	Niobium-95	4.96E-01	1.79E+00	1.43E+00	pCi/L
5S2 Diablo Creek Weir(336220001) - DW	22-Oct-13	Niobium-95	6.03E-01	1.71E+00	1.00E+00	pCi/L
5S2 Diablo Creek Weir(337039001) - DW	5-Nov-13	Niobium-95	-1.50E+00	1.90E+00	1.42E+00	pCi/L
5S2 Diablo Creek Weir(339164001) - DW	10-Dec-13	Niobium-95	2.33E-01	1.65E+00	9.55E-01	pCi/L
5S2 Diablo Creek Weir(319086001) - DW	23-Jan-13	Total Strontium	2.23E-01	2.25E-01	1.50E-01	pCi/L
5S2 Diablo Creek Weir(320441001) - DW	13-Feb-13	Total Strontium	-2.13E-01	2.45E-01	1.40E-01	pCi/L
5S2 Diablo Creek Weir(321580002) - DW	6-Mar-13	Total Strontium	-8.72E-02	2.42E-01	1.40E-01	pCi/L
5S2 Diablo Creek Weir(323664003) - DW	9-Apr-13	Total Strontium	-4.56E-02	1.79E-01	1.04E-01	pCi/L
5S2 Diablo Creek Weir(325438001) - DW	7-May-13	Total Strontium	1.23E-01	1.35E-01	9.19E-02	pCi/L
5S2 Diablo Creek Weir(327464001) - DW	10-Jun-13	Total Strontium	1.70E-01	2.67E-01	1.69E-01	pCi/L
5S2 Diablo Creek Weir(329316001) - DW	9-Jul-13	Total Strontium	-2.90E-02	3.24E-01	1.92E-01	pCi/L
5S2 Diablo Creek Weir(331170001) - DW	6-Aug-13	Total Strontium	-2.15E-01	2.91E-01	1.66E-01	pCi/L
5S2 Diablo Creek Weir(332974001) - DW	4-Sep-13	Total Strontium	3.10E-02	2.45E-01	1.47E-01	pCi/L
5S2 Diablo Creek Weir(336220001) - DW	22-Oct-13	Total Strontium	-7.72E-03	1.86E-01	1.11E-01	pCi/L
5S2 Diablo Creek Weir(337039001) - DW	5-Nov-13	Total Strontium	-6.96E-02	1.46E-01	8.37E-02	pCi/L
5S2 Diablo Creek Weir(339164001) - DW	10-Dec-13	Total Strontium	9.95E-02	2.70E-01	1.66E-01	pCi/L
5S2 Diablo Creek Weir(319086001) - DW	23-Jan-13	Tritium	4.75E+01	2.31E+02	1.41E+02	pCi/L
5S2 Diablo Creek Weir(320441001) - DW	13-Feb-13	Tritium	1.34E+02	2.65E+02	1.66E+02	pCi/L
5S2 Diablo Creek Weir(321580002) - DW	6-Mar-13	Tritium	-3.09E+01	2.49E+02	1.47E+02	pCi/L
5S2 Diablo Creek Weir(323664003) - DW	9-Apr-13	Tritium	-8.40E+00	2.42E+02	1.44E+02	pCi/L
5S2 Diablo Creek Weir(325438001) - DW	7-May-13	Tritium	-7.59E+01	2.41E+02	1.39E+02	pCi/L
5S2 Diablo Creek Weir(327464001) - DW	10-Jun-13	Tritium	0.00E+00	2.44E+02	1.45E+02	pCi/L
5S2 Diablo Creek Weir(329316001) - DW	9-Jul-13	Tritium	1.55E+01	2.74E+02	1.64E+02	pCi/L
5S2 Diablo Creek Weir(331170001) - DW	6-Aug-13	Tritium	-2.37E+02	3.03E+02	1.70E+02	pCi/L
5S2 Diablo Creek Weir(332974001) - DW	4-Sep-13	Tritium	-2.71E+00	2.79E+02	1.66E+02	pCi/L
5S2 Diablo Creek Weir(336220001) - DW	22-Oct-13	Tritium	-1.02E+02	2.46E+02	1.42E+02	pCi/L
5S2 Diablo Creek Weir(337039001) - DW	5-Nov-13	Tritium	-5.58E+00	2.37E+02	1.41E+02	pCi/L
5S2 Diablo Creek Weir(339164001) - DW	10-Dec-13	Tritium	-9.35E+01	2.37E+02	1.37E+02	pCi/L
5S2 Diablo Creek Weir(319086001) - DW	23-Jan-13	Zinc-65	-2.04E+00	3.04E+00	2.96E+00	pCi/L
5S2 Diablo Creek Weir(320441001) - DW	13-Feb-13	Zinc-65	-1.60E+00	3.48E+00	2.64E+00	pCi/L
5S2 Diablo Creek Weir(321580002) - DW	6-Mar-13	Zinc-65	-1.26E+00	3.20E+00	2.08E+00	pCi/L
5S2 Diablo Creek Weir(323664003) - DW	9-Apr-13	Zinc-65	6.56E-01	4.12E+00	2.80E+00	pCi/L
5S2 Diablo Creek Weir(325438001) - DW	7-May-13	Zinc-65	5.86E-01	3.41E+00	2.15E+00	pCi/L
5S2 Diablo Creek Weir(327464001) - DW	10-Jun-13	Zinc-65	-7.78E-01	3.02E+00	2.19E+00	pCi/L
5S2 Diablo Creek Weir(329316001) - DW	9-Jul-13	Zinc-65	1.74E+00	3.46E+00	2.29E+00	pCi/L
5S2 Diablo Creek Weir(331170001) - DW	6-Aug-13	Zinc-65	-1.41E+00	2.73E+00	2.12E+00	pCi/L
5S2 Diablo Creek Weir(332974001) - DW	4-Sep-13	Zinc-65	2.36E+00	3.95E+00	2.73E+00	pCi/L
5S2 Diablo Creek Weir(336220001) - DW	22-Oct-13	Zinc-65	-7.37E-01	2.95E+00	2.19E+00	pCi/L
5S2 Diablo Creek Weir(337039001) - DW	5-Nov-13	Zinc-65	-7.18E-01	3.84E+00	3.09E+00	pCi/L
5S2 Diablo Creek Weir(339164001) - DW	10-Dec-13	Zinc-65	1.87E-01	3.18E+00	2.80E+00	pCi/L

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5S2 Diablo Creek Weir(319086001) - DW	23-Jan-13	Zirconium-95	-1.03E+00	3.12E+00	1.96E+00	pCi/L
5S2 Diablo Creek Weir(320441001) - DW	13-Feb-13	Zirconium-95	1.04E-01	2.74E+00	1.59E+00	pCi/L
5S2 Diablo Creek Weir(321580002) - DW	6-Mar-13	Zirconium-95	9.51E-01	2.78E+00	1.62E+00	pCi/L
5S2 Diablo Creek Weir(323664003) - DW	9-Apr-13	Zirconium-95	-1.12E+00	3.25E+00	2.10E+00	pCi/L
5S2 Diablo Creek Weir(325438001) - DW	7-May-13	Zirconium-95	1.10E+00	3.14E+00	1.84E+00	pCi/L
5S2 Diablo Creek Weir(327464001) - DW	10-Jun-13	Zirconium-95	6.87E-01	2.85E+00	1.65E+00	pCi/L
5S2 Diablo Creek Weir(329316001) - DW	9-Jul-13	Zirconium-95	7.34E-01	3.34E+00	1.96E+00	pCi/L
5S2 Diablo Creek Weir(331170001) - DW	6-Aug-13	Zirconium-95	-1.05E+00	2.67E+00	1.99E+00	pCi/L
5S2 Diablo Creek Weir(332974001) - DW	4-Sep-13	Zirconium-95	7.00E-01	3.53E+00	2.06E+00	pCi/L
5S2 Diablo Creek Weir(336220001) - DW	22-Oct-13	Zirconium-95	1.87E-01	2.65E+00	1.54E+00	pCi/L
5S2 Diablo Creek Weir(337039001) - DW	5-Nov-13	Zirconium-95	-1.16E+00	3.48E+00	2.24E+00	pCi/L
5S2 Diablo Creek Weir(339164001) - DW	10-Dec-13	Zirconium-95	6.87E-01	2.81E+00	1.63E+00	pCi/L

6C1 Household Garden - Vegetation

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
6C1 Household Garden(320369002) - VG Brdleaf	7-Feb-13	Beryllium-7	1.23E+03	6.18E+01	1.38E+02	pCi/kg
6C1 Household Garden(320369002) - VG Brdleaf	7-Feb-13	Cesium-134	1.48E+00	8.54E+00	5.54E+00	pCi/kg
6C1 Household Garden(325440009) - VG Brdleaf	2-May-13	Cesium-134	3.09E+00	1.19E+01	7.13E+00	pCi/kg
6C1 Household Garden(330254001) - VG Brdleaf	22-Jul-13	Cesium-134	4.22E-01	1.58E+01	9.52E+00	pCi/kg
6C1 Household Garden(337931011) - VG Brdleaf	18-Nov-13	Cesium-134	-2.31E+00	1.57E+01	9.77E+00	pCi/kg
6C1 Household Garden(320369002) - VG Brdleaf	7-Feb-13	Cesium-137	7.92E+00	8.02E+00	6.57E+00	pCi/kg
6C1 Household Garden(325440009) - VG Brdleaf	2-May-13	Cesium-137	1.18E+01	1.18E+01	8.47E+00	pCi/kg
6C1 Household Garden(330254001) - VG Brdleaf	22-Jul-13	Cesium-137	-3.57E+00	1.61E+01	1.20E+01	pCi/kg
6C1 Household Garden(337931011) - VG Brdleaf	18-Nov-13	Cesium-137	-7.58E-01	1.42E+01	8.64E+00	pCi/kg
6C1 Household Garden(320369002) - VG Brdleaf	7-Feb-13	Iodine-131	-3.95E+00	1.32E+01	8.39E+00	pCi/kg
6C1 Household Garden(325440009) - VG Brdleaf	2-May-13	Iodine-131	8.63E+00	1.97E+01	1.23E+01	pCi/kg
6C1 Household Garden(330254001) - VG Brdleaf	22-Jul-13	Iodine-131	-2.04E+01	4.31E+01	2.84E+01	pCi/kg
6C1 Household Garden(337931011) - VG Brdleaf	18-Nov-13	Iodine-131	-5.15E+00	3.16E+01	1.88E+01	pCi/kg
6C1 Household Garden(320369002) - VG Brdleaf	7-Feb-13	Potassium-40	4.41E+03	6.89E+01	4.68E+02	pCi/kg
6C1 Household Garden(325440009) - VG Brdleaf	2-May-13	Potassium-40	5.26E+03	8.59E+01	5.26E+02	pCi/kg
6C1 Household Garden(330254001) - VG Brdleaf	22-Jul-13	Potassium-40	4.97E+03	1.44E+02	5.52E+02	pCi/kg
6C1 Household Garden(337931011) - VG Brdleaf	18-Nov-13	Potassium-40	3.72E+03	1.30E+02	4.25E+02	pCi/kg

7C1 Pecho Creek Ruins - Vegetation

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
7C1 Pecho Creek Ruins(319022003) - VG Brdleaf	22-Jan-13	Beryllium-7	9.01E+02	8.99E+01	1.60E+02	pCi/kg
7C1 Pecho Creek Ruins(323576003) - VG Brdleaf	8-Apr-13	Beryllium-7	1.90E+02	5.36E+01	5.34E+01	pCi/kg
7C1 Pecho Creek Ruins(325321003) - VG Brdleaf	6-May-13	Beryllium-7	2.84E+02	5.75E+01	6.50E+01	pCi/kg
7C1 Pecho Creek Ruins(319022003) - VG Brdleaf	22-Jan-13	Cesium-134	3.81E+00	1.31E+01	8.09E+00	pCi/kg
7C1 Pecho Creek Ruins(320829002) - VG Brdleaf	13-Feb-13	Cesium-134	-1.59E+00	4.90E+00	3.12E+00	pCi/kg
7C1 Pecho Creek Ruins(321494003) - VG Brdleaf	5-Mar-13	Cesium-134	4.35E+00	1.30E+01	8.86E+00	pCi/kg
7C1 Pecho Creek Ruins(323576003) - VG Brdleaf	8-Apr-13	Cesium-134	-1.20E+00	6.47E+00	4.63E+00	pCi/kg
7C1 Pecho Creek Ruins(325321003) - VG Brdleaf	6-May-13	Cesium-134	3.19E+00	8.34E+00	4.90E+00	pCi/kg
7C1 Pecho Creek Ruins(326968004) - VG Brdleaf	3-Jun-13	Cesium-134	2.17E+00	9.67E+00	6.72E+00	pCi/kg
7C1 Pecho Creek Ruins(329197004) - VG Brdleaf	8-Jul-13	Cesium-134	6.07E-01	9.86E+00	5.85E+00	pCi/kg

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7C1 Pecho Creek Ruins(331038003) - VG Brdleaf	5-Aug-13	Cesium-134	-1.25E+01	1.41E+01	1.50E+01	pCi/kg
7C1 Pecho Creek Ruins(332832004) - VG Brdleaf	3-Sep-13	Cesium-134	8.88E-01	1.10E+01	8.20E+00	pCi/kg
7C1 Pecho Creek Ruins(335187003) - VG Brdleaf	7-Oct-13	Cesium-134	3.77E+00	1.52E+01	8.81E+00	pCi/kg
7C1 Pecho Creek Ruins(337528004) - VG Brdleaf	12-Nov-13	Cesium-134	-6.31E+00	1.98E+01	1.84E+01	pCi/kg
7C1 Pecho Creek Ruins(339646003) - VG Brdleaf	16-Dec-13	Cesium-134	2.42E+00	9.91E+00	7.57E+00	pCi/kg
7C1 Pecho Creek Ruins(319022003) - VG Brdleaf	22-Jan-13	Cesium-137	4.85E+00	1.26E+01	9.40E+00	pCi/kg
7C1 Pecho Creek Ruins(320829002) - VG Brdleaf	13-Feb-13	Cesium-137	3.05E+00	5.28E+00	3.27E+00	pCi/kg
7C1 Pecho Creek Ruins(321494003) - VG Brdleaf	5-Mar-13	Cesium-137	5.44E+00	1.32E+01	7.96E+00	pCi/kg
7C1 Pecho Creek Ruins(323576003) - VG Brdleaf	8-Apr-13	Cesium-137	-1.69E+00	8.37E+00	6.41E+00	pCi/kg
7C1 Pecho Creek Ruins(325321003) - VG Brdleaf	6-May-13	Cesium-137	4.43E+00	7.21E+00	9.04E+00	pCi/kg
7C1 Pecho Creek Ruins(326968004) - VG Brdleaf	3-Jun-13	Cesium-137	-1.47E+00	8.64E+00	5.16E+00	pCi/kg
7C1 Pecho Creek Ruins(329197004) - VG Brdleaf	8-Jul-13	Cesium-137	-1.75E-01	8.77E+00	5.19E+00	pCi/kg
7C1 Pecho Creek Ruins(331038003) - VG Brdleaf	5-Aug-13	Cesium-137	-2.41E+00	1.47E+01	1.12E+01	pCi/kg
7C1 Pecho Creek Ruins(332832004) - VG Brdleaf	3-Sep-13	Cesium-137	4.30E+00	1.05E+01	8.72E+00	pCi/kg
7C1 Pecho Creek Ruins(335187003) - VG Brdleaf	7-Oct-13	Cesium-137	8.48E-01	1.47E+01	1.10E+01	pCi/kg
7C1 Pecho Creek Ruins(337528004) - VG Brdleaf	12-Nov-13	Cesium-137	1.30E+01	2.08E+01	1.30E+01	pCi/kg
7C1 Pecho Creek Ruins(339646003) - VG Brdleaf	16-Dec-13	Cesium-137	-5.29E+00	8.28E+00	7.74E+00	pCi/kg
7C1 Pecho Creek Ruins(319022003) - VG Brdleaf	22-Jan-13	Iodine-131	-1.00E+01	1.50E+01	1.18E+01	pCi/kg
7C1 Pecho Creek Ruins(320829002) - VG Brdleaf	13-Feb-13	Iodine-131	-2.68E+00	1.11E+01	6.98E+00	pCi/kg
7C1 Pecho Creek Ruins(321494003) - VG Brdleaf	5-Mar-13	Iodine-131	-1.22E+01	1.61E+01	1.18E+01	pCi/kg
7C1 Pecho Creek Ruins(323576003) - VG Brdleaf	8-Apr-13	Iodine-131	-2.34E-01	8.12E+00	4.88E+00	pCi/kg
7C1 Pecho Creek Ruins(325321003) - VG Brdleaf	6-May-13	Iodine-131	3.20E+00	1.06E+01	6.22E+00	pCi/kg
7C1 Pecho Creek Ruins(326968004) - VG Brdleaf	3-Jun-13	Iodine-131	-7.31E+00	1.36E+01	9.10E+00	pCi/kg
7C1 Pecho Creek Ruins(329197004) - VG Brdleaf	8-Jul-13	Iodine-131	-3.08E+00	1.80E+01	1.28E+01	pCi/kg
7C1 Pecho Creek Ruins(331038003) - VG Brdleaf	5-Aug-13	Iodine-131	-1.31E+00	1.92E+01	1.17E+01	pCi/kg
7C1 Pecho Creek Ruins(332832004) - VG Brdleaf	3-Sep-13	Iodine-131	1.09E+01	1.71E+01	1.11E+01	pCi/kg
7C1 Pecho Creek Ruins(335187003) - VG Brdleaf	7-Oct-13	Iodine-131	2.67E-02	1.77E+01	1.05E+01	pCi/kg
7C1 Pecho Creek Ruins(337528004) - VG Brdleaf	12-Nov-13	Iodine-131	2.83E-01	2.32E+01	1.39E+01	pCi/kg
7C1 Pecho Creek Ruins(339646003) - VG Brdleaf	16-Dec-13	Iodine-131	1.02E+00	1.02E+01	6.05E+00	pCi/kg
7C1 Pecho Creek Ruins(319022003) - VG Brdleaf	22-Jan-13	Potassium-40	4.18E+03	9.70E+01	5.02E+02	pCi/kg
7C1 Pecho Creek Ruins(320829002) - VG Brdleaf	13-Feb-13	Potassium-40	4.39E+03	4.25E+01	4.40E+02	pCi/kg
7C1 Pecho Creek Ruins(321494003) - VG Brdleaf	5-Mar-13	Potassium-40	8.47E+03	1.02E+02	8.27E+02	pCi/kg
7C1 Pecho Creek Ruins(323576003) - VG Brdleaf	8-Apr-13	Potassium-40	5.57E+03	7.19E+01	5.34E+02	pCi/kg
7C1 Pecho Creek Ruins(325321003) - VG Brdleaf	6-May-13	Potassium-40	4.68E+03	6.98E+01	4.77E+02	pCi/kg
7C1 Pecho Creek Ruins(326968004) - VG Brdleaf	3-Jun-13	Potassium-40	6.27E+03	7.74E+01	6.19E+02	pCi/kg
7C1 Pecho Creek Ruins(329197004) - VG Brdleaf	8-Jul-13	Potassium-40	4.44E+03	8.46E+01	4.62E+02	pCi/kg
7C1 Pecho Creek Ruins(331038003) - VG Brdleaf	5-Aug-13	Potassium-40	5.53E+03	1.55E+02	6.15E+02	pCi/kg
7C1 Pecho Creek Ruins(332832004) - VG Brdleaf	3-Sep-13	Potassium-40	4.98E+03	1.00E+02	5.31E+02	pCi/kg
7C1 Pecho Creek Ruins(335187003) - VG Brdleaf	7-Oct-13	Potassium-40	6.39E+03	1.42E+02	6.89E+02	pCi/kg
7C1 Pecho Creek Ruins(337528004) - VG Brdleaf	12-Nov-13	Potassium-40	5.78E+03	1.74E+02	6.64E+02	pCi/kg
7C1 Pecho Creek Ruins(339646003) - VG Brdleaf	16-Dec-13	Potassium-40	3.44E+03	8.03E+01	3.67E+02	pCi/kg

7C2 Rattlesnake Canyon - Aquatic Vegetation Algae

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
7C2 Rattlesnake Canyon(320362010) - AV Algae	7-Feb-13	Cesium-134	1.59E+00	1.11E+01	6.57E+00	pCi/kg

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7C2 Rattlesnake Canyon(326761004) - AV Algae	28-May-13	Cesium-134	-6.78E+00	6.72E+00	6.46E+00	pCi/kg
7C2 Rattlesnake Canyon(330600004) - AV Algae	25-Jul-13	Cesium-134	-4.17E+00	1.21E+01	7.65E+00	pCi/kg
7C2 Rattlesnake Canyon(337931009) - AV Algae	14-Nov-13	Cesium-134	1.05E-01	1.00E+01	5.97E+00	pCi/kg
7C2 Rattlesnake Canyon(320362010) - AV Algae	7-Feb-13	Cesium-137	-1.51E+00	9.34E+00	5.71E+00	pCi/kg
7C2 Rattlesnake Canyon(326761004) - AV Algae	28-May-13	Cesium-137	4.80E+00	8.56E+00	5.24E+00	pCi/kg
7C2 Rattlesnake Canyon(330600004) - AV Algae	25-Jul-13	Cesium-137	6.14E+00	1.17E+01	7.81E+00	pCi/kg
7C2 Rattlesnake Canyon(337931009) - AV Algae	14-Nov-13	Cesium-137	3.48E+00	1.04E+01	6.05E+00	pCi/kg
7C2 Rattlesnake Canyon(320362010) - AV Algae	7-Feb-13	Cobalt-58	3.41E+00	1.15E+01	6.81E+00	pCi/kg
7C2 Rattlesnake Canyon(326761004) - AV Algae	28-May-13	Cobalt-58	3.81E-01	8.00E+00	4.67E+00	pCi/kg
7C2 Rattlesnake Canyon(330600004) - AV Algae	25-Jul-13	Cobalt-58	-3.50E+00	1.18E+01	7.35E+00	pCi/kg
7C2 Rattlesnake Canyon(337931009) - AV Algae	14-Nov-13	Cobalt-58	-3.61E+00	8.59E+00	5.79E+00	pCi/kg
7C2 Rattlesnake Canyon(320362010) - AV Algae	7-Feb-13	Cobalt-60	-4.77E+00	9.57E+00	6.60E+00	pCi/kg
7C2 Rattlesnake Canyon(326761004) - AV Algae	28-May-13	Cobalt-60	-5.50E-01	9.20E+00	5.46E+00	pCi/kg
7C2 Rattlesnake Canyon(330600004) - AV Algae	25-Jul-13	Cobalt-60	1.06E+00	1.14E+01	6.76E+00	pCi/kg
7C2 Rattlesnake Canyon(337931009) - AV Algae	14-Nov-13	Cobalt-60	-1.82E+00	9.25E+00	5.75E+00	pCi/kg
7C2 Rattlesnake Canyon(320362010) - AV Algae	7-Feb-13	Potassium-40	4.82E+03	9.67E+01	4.98E+02	pCi/kg
7C2 Rattlesnake Canyon(326761004) - AV Algae	28-May-13	Potassium-40	3.04E+03	7.34E+01	3.57E+02	pCi/kg
7C2 Rattlesnake Canyon(330600004) - AV Algae	25-Jul-13	Potassium-40	3.16E+03	8.83E+01	3.65E+02	pCi/kg
7C2 Rattlesnake Canyon(337931009) - AV Algae	14-Nov-13	Potassium-40	4.32E+03	8.54E+01	4.70E+02	pCi/kg

7C2 Rattlesnake Canyon - Aquatic Vegetation Kelp

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
7C2 Rattlesnake Canyon(318699002) - AV Kelp	14-Jan-13	Cesium-134	5.28E+00	1.06E+01	1.10E+01	pCi/kg
7C2 Rattlesnake Canyon(324567002) - AV Kelp	22-Apr-13	Cesium-134	1.48E+00	1.11E+01	6.57E+00	pCi/kg
7C2 Rattlesnake Canyon(329744002) - AV Kelp	15-Jul-13	Cesium-134	9.63E-01	1.10E+01	6.57E+00	pCi/kg
7C2 Rattlesnake Canyon(336217002) - AV Kelp	21-Oct-13	Cesium-134	-9.54E-01	1.04E+01	6.34E+00	pCi/kg
7C2 Rattlesnake Canyon(318699002) - AV Kelp	14-Jan-13	Cesium-137	1.02E+00	9.24E+00	5.60E+00	pCi/kg
7C2 Rattlesnake Canyon(324567002) - AV Kelp	22-Apr-13	Cesium-137	-3.19E+00	9.57E+00	6.07E+00	pCi/kg
7C2 Rattlesnake Canyon(329744002) - AV Kelp	15-Jul-13	Cesium-137	4.34E+00	1.03E+01	6.07E+00	pCi/kg
7C2 Rattlesnake Canyon(336217002) - AV Kelp	21-Oct-13	Cesium-137	-2.87E+00	8.83E+00	5.82E+00	pCi/kg
7C2 Rattlesnake Canyon(318699002) - AV Kelp	14-Jan-13	Cobalt-58	-1.28E+00	9.00E+00	5.41E+00	pCi/kg
7C2 Rattlesnake Canyon(324567002) - AV Kelp	22-Apr-13	Cobalt-58	-2.10E+00	1.00E+01	6.25E+00	pCi/kg
7C2 Rattlesnake Canyon(329744002) - AV Kelp	15-Jul-13	Cobalt-58	2.58E+00	1.14E+01	7.26E+00	pCi/kg
7C2 Rattlesnake Canyon(336217002) - AV Kelp	21-Oct-13	Cobalt-58	-1.37E+00	1.04E+01	6.26E+00	pCi/kg
7C2 Rattlesnake Canyon(318699002) - AV Kelp	14-Jan-13	Cobalt-60	5.35E+00	1.19E+01	7.61E+00	pCi/kg
7C2 Rattlesnake Canyon(324567002) - AV Kelp	22-Apr-13	Cobalt-60	-2.41E-01	1.16E+01	6.93E+00	pCi/kg
7C2 Rattlesnake Canyon(329744002) - AV Kelp	15-Jul-13	Cobalt-60	-6.89E+00	1.13E+01	7.83E+00	pCi/kg
7C2 Rattlesnake Canyon(336217002) - AV Kelp	21-Oct-13	Cobalt-60	5.53E-01	1.09E+01	6.34E+00	pCi/kg
7C2 Rattlesnake Canyon(318699002) - AV Kelp	14-Jan-13	Potassium-40	1.37E+04	6.37E+01	1.26E+03	pCi/kg
7C2 Rattlesnake Canyon(324567002) - AV Kelp	22-Apr-13	Potassium-40	1.18E+04	7.90E+01	1.10E+03	pCi/kg
7C2 Rattlesnake Canyon(329744002) - AV Kelp	15-Jul-13	Potassium-40	1.37E+04	9.05E+01	1.31E+03	pCi/kg
7C2 Rattlesnake Canyon(336217002) - AV Kelp	21-Oct-13	Potassium-40	1.27E+04	7.62E+01	1.21E+03	pCi/kg

7C2 Rattlesnake Canyon - Perch Fish

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
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7C2 Rattlesnake Canyon(320362003) - FH Perch	1-Feb-13	Cesium-134	-4.52E-01	5.81E+00	3.56E+00	pCi/kg
7C2 Rattlesnake Canyon(325440003) - FH Perch	2-May-13	Cesium-134	-5.56E-01	5.48E+00	3.92E+00	pCi/kg
7C2 Rattlesnake Canyon(331364006) - FH Perch	15-Aug-13	Cesium-134	-2.10E-01	4.71E+00	2.78E+00	pCi/kg
7C2 Rattlesnake Canyon(337931003) - FH Perch	12-Nov-13	Cesium-134	3.89E+00	6.70E+00	4.14E+00	pCi/kg
7C2 Rattlesnake Canyon(320362003) - FH Perch	1-Feb-13	Cesium-137	2.01E+00	6.54E+00	3.90E+00	pCi/kg
7C2 Rattlesnake Canyon(325440003) - FH Perch	2-May-13	Cesium-137	2.85E+00	5.34E+00	3.26E+00	pCi/kg
7C2 Rattlesnake Canyon(331364006) - FH Perch	15-Aug-13	Cesium-137	4.63E+00	4.63E+00	4.00E+00	pCi/kg
7C2 Rattlesnake Canyon(337931003) - FH Perch	12-Nov-13	Cesium-137	3.25E+00	5.14E+00	5.32E+00	pCi/kg
7C2 Rattlesnake Canyon(320362003) - FH Perch	1-Feb-13	Cobalt-58	5.76E+00	5.76E+00	1.40E+01	pCi/kg
7C2 Rattlesnake Canyon(325440003) - FH Perch	2-May-13	Cobalt-58	1.26E+00	5.13E+00	3.48E+00	pCi/kg
7C2 Rattlesnake Canyon(331364006) - FH Perch	15-Aug-13	Cobalt-58	-5.69E-01	4.66E+00	2.79E+00	pCi/kg
7C2 Rattlesnake Canyon(337931003) - FH Perch	12-Nov-13	Cobalt-58	-8.00E-01	6.23E+00	3.69E+00	pCi/kg
7C2 Rattlesnake Canyon(320362003) - FH Perch	1-Feb-13	Cobalt-60	-1.24E+00	6.28E+00	3.93E+00	pCi/kg
7C2 Rattlesnake Canyon(325440003) - FH Perch	2-May-13	Cobalt-60	1.31E+00	5.84E+00	3.44E+00	pCi/kg
7C2 Rattlesnake Canyon(331364006) - FH Perch	15-Aug-13	Cobalt-60	8.41E-01	5.11E+00	2.94E+00	pCi/kg
7C2 Rattlesnake Canyon(337931003) - FH Perch	12-Nov-13	Cobalt-60	-4.56E-01	5.44E+00	3.32E+00	pCi/kg
7C2 Rattlesnake Canyon(320362003) - FH Perch	1-Feb-13	Iron-59	-1.56E+00	1.54E+01	9.24E+00	pCi/kg
7C2 Rattlesnake Canyon(325440003) - FH Perch	2-May-13	Iron-59	-4.98E+00	1.54E+01	1.14E+01	pCi/kg
7C2 Rattlesnake Canyon(331364006) - FH Perch	15-Aug-13	Iron-59	-4.02E+00	1.13E+01	7.32E+00	pCi/kg
7C2 Rattlesnake Canyon(337931003) - FH Perch	12-Nov-13	Iron-59	5.46E+00	1.56E+01	9.33E+00	pCi/kg
7C2 Rattlesnake Canyon(320362003) - FH Perch	1-Feb-13	Manganese-54	1.71E+00	6.09E+00	4.32E+00	pCi/kg
7C2 Rattlesnake Canyon(325440003) - FH Perch	2-May-13	Manganese-54	-1.93E+00	5.14E+00	3.37E+00	pCi/kg
7C2 Rattlesnake Canyon(331364006) - FH Perch	15-Aug-13	Manganese-54	-9.98E-01	4.22E+00	2.60E+00	pCi/kg
7C2 Rattlesnake Canyon(337931003) - FH Perch	12-Nov-13	Manganese-54	2.85E+00	5.56E+00	3.37E+00	pCi/kg
7C2 Rattlesnake Canyon(320362003) - FH Perch	1-Feb-13	Potassium-40	3.54E+03	5.24E+01	3.54E+02	pCi/kg
7C2 Rattlesnake Canyon(325440003) - FH Perch	2-May-13	Potassium-40	3.32E+03	4.98E+01	3.33E+02	pCi/kg
7C2 Rattlesnake Canyon(331364006) - FH Perch	15-Aug-13	Potassium-40	3.61E+03	3.42E+01	3.54E+02	pCi/kg
7C2 Rattlesnake Canyon(337931003) - FH Perch	12-Nov-13	Potassium-40	3.42E+03	3.84E+01	3.32E+02	pCi/kg
7C2 Rattlesnake Canyon(320362003) - FH Perch	1-Feb-13	Zinc-65	-1.04E+00	1.47E+01	8.79E+00	pCi/kg
7C2 Rattlesnake Canyon(325440003) - FH Perch	2-May-13	Zinc-65	-3.90E-01	1.42E+01	8.45E+00	pCi/kg
7C2 Rattlesnake Canyon(331364006) - FH Perch	15-Aug-13	Zinc-65	1.69E+00	1.23E+01	7.32E+00	pCi/kg
7C2 Rattlesnake Canyon(337931003) - FH Perch	12-Nov-13	Zinc-65	-4.02E+00	1.24E+01	7.87E+00	pCi/kg

7C2 Rattlesnake Canyon - Rockfish

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
7C2 Rattlesnake Canyon(320362004) - FH Rockfish	1-Feb-13	Cesium-134	-2.07E+00	4.95E+00	3.53E+00	pCi/kg
7C2 Rattlesnake Canyon(325440004) - FH Rockfish	2-May-13	Cesium-134	-2.23E-02	5.18E+00	3.60E+00	pCi/kg
7C2 Rattlesnake Canyon(331364003) - FH Rockfish	15-Aug-13	Cesium-134	-2.44E+00	5.44E+00	3.53E+00	pCi/kg
7C2 Rattlesnake Canyon(337931004) - FH Rockfish	12-Nov-13	Cesium-134	-2.48E+00	5.55E+00	3.60E+00	pCi/kg
7C2 Rattlesnake Canyon(320362004) - FH Rockfish	1-Feb-13	Cesium-137	2.48E+00	4.49E+00	5.12E+00	pCi/kg
7C2 Rattlesnake Canyon(325440004) - FH Rockfish	2-May-13	Cesium-137	4.13E+00	4.49E+00	4.49E+00	pCi/kg
7C2 Rattlesnake Canyon(331364003) - FH Rockfish	15-Aug-13	Cesium-137	1.78E-02	5.26E+00	3.18E+00	pCi/kg
7C2 Rattlesnake Canyon(337931004) - FH Rockfish	12-Nov-13	Cesium-137	3.67E+00	5.59E+00	3.58E+00	pCi/kg
7C2 Rattlesnake Canyon(320362004) - FH Rockfish	1-Feb-13	Cobalt-58	1.46E+00	4.76E+00	2.80E+00	pCi/kg
7C2 Rattlesnake Canyon(325440004) - FH Rockfish	2-May-13	Cobalt-58	3.75E+00	5.59E+00	4.99E+00	pCi/kg

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7C2 Rattlesnake Canyon(331364003) - FH Rockfsh	15-Aug-13	Cobalt-58	-2.10E-01	5.04E+00	2.98E+00	pCi/kg
7C2 Rattlesnake Canyon(337931004) - FH Rockfsh	12-Nov-13	Cobalt-58	-2.01E+00	5.26E+00	3.36E+00	pCi/kg
7C2 Rattlesnake Canyon(320362004) - FH Rockfsh	1-Feb-13	Cobalt-60	5.78E+00	5.78E+00	5.33E+00	pCi/kg
7C2 Rattlesnake Canyon(325440004) - FH Rockfsh	2-May-13	Cobalt-60	5.67E-01	5.26E+00	3.09E+00	pCi/kg
7C2 Rattlesnake Canyon(331364003) - FH Rockfsh	15-Aug-13	Cobalt-60	3.68E+00	5.85E+00	4.92E+00	pCi/kg
7C2 Rattlesnake Canyon(337931004) - FH Rockfsh	12-Nov-13	Cobalt-60	-2.45E+00	5.77E+00	4.37E+00	pCi/kg
7C2 Rattlesnake Canyon(320362004) - FH Rockfsh	1-Feb-13	Iron-59	7.04E+00	1.34E+01	8.38E+00	pCi/kg
7C2 Rattlesnake Canyon(325440004) - FH Rockfsh	2-May-13	Iron-59	2.47E+00	1.26E+01	7.34E+00	pCi/kg
7C2 Rattlesnake Canyon(331364003) - FH Rockfsh	15-Aug-13	Iron-59	-2.92E+00	1.39E+01	8.70E+00	pCi/kg
7C2 Rattlesnake Canyon(337931004) - FH Rockfsh	12-Nov-13	Iron-59	7.83E+00	1.60E+01	1.11E+01	pCi/kg
7C2 Rattlesnake Canyon(320362004) - FH Rockfsh	1-Feb-13	Manganese-54	6.18E-01	4.66E+00	2.74E+00	pCi/kg
7C2 Rattlesnake Canyon(325440004) - FH Rockfsh	2-May-13	Manganese-54	-7.66E-01	4.86E+00	3.48E+00	pCi/kg
7C2 Rattlesnake Canyon(331364003) - FH Rockfsh	15-Aug-13	Manganese-54	-9.51E-01	5.16E+00	3.13E+00	pCi/kg
7C2 Rattlesnake Canyon(337931004) - FH Rockfsh	12-Nov-13	Manganese-54	1.25E+00	5.36E+00	3.12E+00	pCi/kg
7C2 Rattlesnake Canyon(320362004) - FH Rockfsh	1-Feb-13	Potassium-40	3.72E+03	3.38E+01	3.69E+02	pCi/kg
7C2 Rattlesnake Canyon(325440004) - FH Rockfsh	2-May-13	Potassium-40	3.31E+03	3.81E+01	3.17E+02	pCi/kg
7C2 Rattlesnake Canyon(331364003) - FH Rockfsh	15-Aug-13	Potassium-40	3.38E+03	4.40E+01	3.46E+02	pCi/kg
7C2 Rattlesnake Canyon(337931004) - FH Rockfsh	12-Nov-13	Potassium-40	3.25E+03	5.05E+01	3.50E+02	pCi/kg
7C2 Rattlesnake Canyon(320362004) - FH Rockfsh	1-Feb-13	Zinc-65	-8.44E-01	1.20E+01	7.38E+00	pCi/kg
7C2 Rattlesnake Canyon(325440004) - FH Rockfsh	2-May-13	Zinc-65	8.70E+00	1.22E+01	7.82E+00	pCi/kg
7C2 Rattlesnake Canyon(331364003) - FH Rockfsh	15-Aug-13	Zinc-65	1.85E+00	1.40E+01	9.78E+00	pCi/kg
7C2 Rattlesnake Canyon(337931004) - FH Rockfsh	12-Nov-13	Zinc-65	3.19E-01	1.43E+01	8.61E+00	pCi/kg

7C2 Rattlesnake Canyon - Intertidal Mussel

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
7C2 Rattlesnake Canyon(320362009) - IM	7-Feb-13	Cesium-134	2.70E-01	4.08E+00	2.37E+00	pCi/kg
7C2 Rattlesnake Canyon(326761002) - IM	28-May-13	Cesium-134	-2.43E+00	5.97E+00	4.87E+00	pCi/kg
7C2 Rattlesnake Canyon(330600003) - IM	25-Jul-13	Cesium-134	2.17E-01	3.98E+00	2.31E+00	pCi/kg
7C2 Rattlesnake Canyon(337931013) - IM	14-Nov-13	Cesium-134	-1.91E+00	3.96E+00	3.20E+00	pCi/kg
7C2 Rattlesnake Canyon(320362009) - IM	7-Feb-13	Cesium-137	-1.43E+00	3.63E+00	2.43E+00	pCi/kg
7C2 Rattlesnake Canyon(326761002) - IM	28-May-13	Cesium-137	2.95E+00	6.11E+00	3.69E+00	pCi/kg
7C2 Rattlesnake Canyon(330600003) - IM	25-Jul-13	Cesium-137	-3.04E+00	3.62E+00	3.56E+00	pCi/kg
7C2 Rattlesnake Canyon(337931013) - IM	14-Nov-13	Cesium-137	1.65E+00	3.87E+00	2.38E+00	pCi/kg
7C2 Rattlesnake Canyon(320362009) - IM	7-Feb-13	Cobalt-58	1.72E-01	3.99E+00	2.33E+00	pCi/kg
7C2 Rattlesnake Canyon(326761002) - IM	28-May-13	Cobalt-58	-1.33E+00	5.74E+00	3.61E+00	pCi/kg
7C2 Rattlesnake Canyon(330600003) - IM	25-Jul-13	Cobalt-58	2.34E-01	3.96E+00	2.30E+00	pCi/kg
7C2 Rattlesnake Canyon(337931013) - IM	14-Nov-13	Cobalt-58	-3.23E-01	3.85E+00	2.28E+00	pCi/kg
7C2 Rattlesnake Canyon(320362009) - IM	7-Feb-13	Cobalt-60	-1.21E+00	4.25E+00	3.02E+00	pCi/kg
7C2 Rattlesnake Canyon(326761002) - IM	28-May-13	Cobalt-60	1.61E+00	7.06E+00	4.16E+00	pCi/kg
7C2 Rattlesnake Canyon(330600003) - IM	25-Jul-13	Cobalt-60	3.19E+00	4.08E+00	4.88E+00	pCi/kg
7C2 Rattlesnake Canyon(337931013) - IM	14-Nov-13	Cobalt-60	7.56E-01	3.92E+00	2.32E+00	pCi/kg
7C2 Rattlesnake Canyon(320362009) - IM	7-Feb-13	Iron-59	1.43E+00	8.55E+00	5.05E+00	pCi/kg
7C2 Rattlesnake Canyon(326761002) - IM	28-May-13	Iron-59	3.97E+00	1.38E+01	8.07E+00	pCi/kg
7C2 Rattlesnake Canyon(330600003) - IM	25-Jul-13	Iron-59	3.53E+00	9.22E+00	5.49E+00	pCi/kg
7C2 Rattlesnake Canyon(337931013) - IM	14-Nov-13	Iron-59	-2.59E-01	7.92E+00	4.73E+00	pCi/kg

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7C2 Rattlesnake Canyon(320362009) - IM	7-Feb-13	Manganese-54	-4.87E-01	3.65E+00	2.20E+00	pCi/kg
7C2 Rattlesnake Canyon(326761002) - IM	28-May-13	Manganese-54	-2.84E+00	5.43E+00	3.73E+00	pCi/kg
7C2 Rattlesnake Canyon(330600003) - IM	25-Jul-13	Manganese-54	1.59E+00	3.76E+00	2.41E+00	pCi/kg
7C2 Rattlesnake Canyon(337931013) - IM	14-Nov-13	Manganese-54	8.64E-01	3.29E+00	1.91E+00	pCi/kg
7C2 Rattlesnake Canyon(320362009) - IM	7-Feb-13	Potassium-40	1.33E+03	3.58E+01	1.49E+02	pCi/kg
7C2 Rattlesnake Canyon(326761002) - IM	28-May-13	Potassium-40	2.31E+03	3.73E+01	2.45E+02	pCi/kg
7C2 Rattlesnake Canyon(330600003) - IM	25-Jul-13	Potassium-40	1.48E+03	3.60E+01	1.64E+02	pCi/kg
7C2 Rattlesnake Canyon(337931013) - IM	14-Nov-13	Potassium-40	1.50E+03	3.41E+01	1.66E+02	pCi/kg
7C2 Rattlesnake Canyon(320362009) - IM	7-Feb-13	Zinc-65	-2.85E+00	8.51E+00	5.54E+00	pCi/kg
7C2 Rattlesnake Canyon(326761002) - IM	28-May-13	Zinc-65	-6.00E+00	1.46E+01	9.45E+00	pCi/kg
7C2 Rattlesnake Canyon(330600003) - IM	25-Jul-13	Zinc-65	-4.81E+00	8.27E+00	5.76E+00	pCi/kg
7C2 Rattlesnake Canyon(337931013) - IM	14-Nov-13	Zinc-65	9.09E-01	8.10E+00	5.49E+00	pCi/kg

7C2 Rattlesnake Canyon - Ocean Sediment

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
7C2 Rattlesnake Canyon(320521002) - SD	1-Feb-13	Cesium-134	-1.93E+00	6.42E+01	3.84E+01	pCi/kg
7C2 Rattlesnake Canyon(320521002) - SD	1-Feb-13	Cesium-137	2.53E+01	6.76E+01	3.65E+01	pCi/kg
7C2 Rattlesnake Canyon(320521002) - SD	1-Feb-13	Iron-55	-1.10E+03	8.70E+03	5.83E+03	pCi/kg
7C2 Rattlesnake Canyon(320521002) - SD	1-Feb-13	Lead-212	4.47E+02	8.62E+01	1.16E+02	pCi/kg
7C2 Rattlesnake Canyon(320521002) - SD	1-Feb-13	Lead-214	5.88E+02	1.06E+02	1.75E+02	pCi/kg
7C2 Rattlesnake Canyon(320521002) - SD	1-Feb-13	Nickel-63	1.60E+03	1.92E+03	1.26E+03	pCi/kg
7C2 Rattlesnake Canyon(320521002) - SD	1-Feb-13	Potassium-40	8.17E+03	5.39E+02	1.49E+03	pCi/kg
7C2 Rattlesnake Canyon(320521002) - SD	1-Feb-13	Thallium-208	1.75E+02	4.64E+01	4.95E+01	pCi/kg
7C2 Rattlesnake Canyon(320521002) - SD	1-Feb-13	Total Strontium	-3.02E+02	4.39E+02	2.50E+02	pCi/kg

7C2 Rattlesnake Canyon - Seawater

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
7C2 Rattlesnake Canyon(318696003) - SW	14-Jan-13	BETA	1.80E+02	7.72E+01	6.31E+01	pCi/L
7C2 Rattlesnake Canyon(321261002) - SW	26-Feb-13	BETA	3.68E+02	9.78E+01	9.58E+01	pCi/L
7C2 Rattlesnake Canyon(321757004) - SW	11-Mar-13	BETA	3.20E+02	1.12E+02	9.29E+01	pCi/L
7C2 Rattlesnake Canyon(324642003) - SW	22-Apr-13	BETA	1.62E+02	1.33E+02	8.97E+01	pCi/L
7C2 Rattlesnake Canyon(325981008) - SW	13-May-13	BETA	2.85E+02	1.38E+02	1.03E+02	pCi/L
7C2 Rattlesnake Canyon(328525002) - SW	25-Jun-13	BETA	1.09E+01	1.84E+02	1.10E+02	pCi/L
7C2 Rattlesnake Canyon(329924003) - SW	15-Jul-13	BETA	3.66E+02	1.45E+02	1.15E+02	pCi/L
7C2 Rattlesnake Canyon(331998003) - SW	19-Aug-13	BETA	2.58E+02	8.23E+01	7.43E+01	pCi/L
7C2 Rattlesnake Canyon(333405002) - SW	9-Sep-13	BETA	2.30E+02	1.23E+02	8.89E+01	pCi/L
7C2 Rattlesnake Canyon(336390003) - SW	21-Oct-13	BETA	3.50E+02	1.28E+02	1.03E+02	pCi/L
7C2 Rattlesnake Canyon(338116003) - SW	18-Nov-13	BETA	2.33E+02	1.02E+02	7.90E+01	pCi/L
7C2 Rattlesnake Canyon(339387003) - SW	9-Dec-13	BETA	1.89E+02	1.15E+02	8.23E+01	pCi/L
7C2 Rattlesnake Canyon(318696003) - SW	14-Jan-13	Barium-140	1.79E+00	2.76E+00	1.70E+00	pCi/L
7C2 Rattlesnake Canyon(321261002) - SW	26-Feb-13	Barium-140	1.76E+00	3.57E+00	2.10E+00	pCi/L
7C2 Rattlesnake Canyon(321757004) - SW	11-Mar-13	Barium-140	-1.26E+00	4.45E+00	2.89E+00	pCi/L
7C2 Rattlesnake Canyon(324642003) - SW	22-Apr-13	Barium-140	1.03E-01	3.93E+00	2.30E+00	pCi/L
7C2 Rattlesnake Canyon(325981008) - SW	13-May-13	Barium-140	-1.58E+00	3.19E+00	2.52E+00	pCi/L
7C2 Rattlesnake Canyon(328525002) - SW	25-Jun-13	Barium-140	-9.25E-01	3.85E+00	2.38E+00	pCi/L

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7C2 Rattlesnake Canyon(329924003) - SW	15-Jul-13	Barium-140	-1.48E+00	2.82E+00	1.96E+00	pCi/L
7C2 Rattlesnake Canyon(331998003) - SW	19-Aug-13	Barium-140	-1.08E+00	2.34E+00	1.62E+00	pCi/L
7C2 Rattlesnake Canyon(333405002) - SW	9-Sep-13	Barium-140	1.49E+00	5.24E+00	2.99E+00	pCi/L
7C2 Rattlesnake Canyon(336390003) - SW	21-Oct-13	Barium-140	-1.02E+00	2.63E+00	2.04E+00	pCi/L
7C2 Rattlesnake Canyon(338116003) - SW	18-Nov-13	Barium-140	1.40E-01	3.98E+00	2.34E+00	pCi/L
7C2 Rattlesnake Canyon(339387003) - SW	9-Dec-13	Barium-140	-8.78E-01	3.12E+00	1.96E+00	pCi/L
7C2 Rattlesnake Canyon(318696003) - SW	14-Jan-13	Cesium-134	-3.24E+00	1.59E+00	2.35E+00	pCi/L
7C2 Rattlesnake Canyon(321261002) - SW	26-Feb-13	Cesium-134	2.33E-01	2.08E+00	1.25E+00	pCi/L
7C2 Rattlesnake Canyon(321757004) - SW	11-Mar-13	Cesium-134	4.86E-01	2.61E+00	1.53E+00	pCi/L
7C2 Rattlesnake Canyon(324642003) - SW	22-Apr-13	Cesium-134	-2.06E+00	2.47E+00	2.27E+00	pCi/L
7C2 Rattlesnake Canyon(325981008) - SW	13-May-13	Cesium-134	4.36E-01	1.93E+00	1.12E+00	pCi/L
7C2 Rattlesnake Canyon(328525002) - SW	25-Jun-13	Cesium-134	1.22E+00	2.40E+00	1.48E+00	pCi/L
7C2 Rattlesnake Canyon(329924003) - SW	15-Jul-13	Cesium-134	-5.01E-01	1.71E+00	1.14E+00	pCi/L
7C2 Rattlesnake Canyon(331998003) - SW	19-Aug-13	Cesium-134	-6.90E-02	1.68E+00	9.84E-01	pCi/L
7C2 Rattlesnake Canyon(333405002) - SW	9-Sep-13	Cesium-134	1.99E+00	3.19E+00	1.99E+00	pCi/L
7C2 Rattlesnake Canyon(336390003) - SW	21-Oct-13	Cesium-134	2.03E-02	1.92E+00	1.13E+00	pCi/L
7C2 Rattlesnake Canyon(338116003) - SW	18-Nov-13	Cesium-134	5.29E-01	2.22E+00	1.42E+00	pCi/L
7C2 Rattlesnake Canyon(339387003) - SW	9-Dec-13	Cesium-134	-6.51E-02	1.83E+00	1.08E+00	pCi/L
7C2 Rattlesnake Canyon(318696003) - SW	14-Jan-13	Cesium-137	-3.85E-01	1.78E+00	1.35E+00	pCi/L
7C2 Rattlesnake Canyon(321261002) - SW	26-Feb-13	Cesium-137	1.26E-01	1.96E+00	1.30E+00	pCi/L
7C2 Rattlesnake Canyon(321757004) - SW	11-Mar-13	Cesium-137	-4.44E-01	2.31E+00	1.41E+00	pCi/L
7C2 Rattlesnake Canyon(324642003) - SW	22-Apr-13	Cesium-137	6.92E-01	2.71E+00	2.09E+00	pCi/L
7C2 Rattlesnake Canyon(325981008) - SW	13-May-13	Cesium-137	3.02E-01	1.80E+00	1.09E+00	pCi/L
7C2 Rattlesnake Canyon(328525002) - SW	25-Jun-13	Cesium-137	-9.81E-01	2.06E+00	1.57E+00	pCi/L
7C2 Rattlesnake Canyon(329924003) - SW	15-Jul-13	Cesium-137	1.27E+00	1.71E+00	2.43E+00	pCi/L
7C2 Rattlesnake Canyon(331998003) - SW	19-Aug-13	Cesium-137	7.62E-01	1.78E+00	1.10E+00	pCi/L
7C2 Rattlesnake Canyon(333405002) - SW	9-Sep-13	Cesium-137	1.03E+00	2.74E+00	1.62E+00	pCi/L
7C2 Rattlesnake Canyon(336390003) - SW	21-Oct-13	Cesium-137	8.49E-01	1.88E+00	1.17E+00	pCi/L
7C2 Rattlesnake Canyon(338116003) - SW	18-Nov-13	Cesium-137	2.22E-01	2.14E+00	1.28E+00	pCi/L
7C2 Rattlesnake Canyon(339387003) - SW	9-Dec-13	Cesium-137	2.62E-01	1.84E+00	1.06E+00	pCi/L
7C2 Rattlesnake Canyon(318696003) - SW	14-Jan-13	Cobalt-58	2.64E-01	1.52E+00	8.88E-01	pCi/L
7C2 Rattlesnake Canyon(321261002) - SW	26-Feb-13	Cobalt-58	-1.21E+00	1.77E+00	1.43E+00	pCi/L
7C2 Rattlesnake Canyon(321757004) - SW	11-Mar-13	Cobalt-58	3.93E-01	2.53E+00	1.49E+00	pCi/L
7C2 Rattlesnake Canyon(324642003) - SW	22-Apr-13	Cobalt-58	2.01E-01	2.47E+00	1.71E+00	pCi/L
7C2 Rattlesnake Canyon(325981008) - SW	13-May-13	Cobalt-58	6.73E-01	1.73E+00	1.15E+00	pCi/L
7C2 Rattlesnake Canyon(328525002) - SW	25-Jun-13	Cobalt-58	-1.38E+00	2.08E+00	1.71E+00	pCi/L
7C2 Rattlesnake Canyon(329924003) - SW	15-Jul-13	Cobalt-58	-6.14E-01	1.54E+00	1.01E+00	pCi/L
7C2 Rattlesnake Canyon(331998003) - SW	19-Aug-13	Cobalt-58	-2.53E-01	1.61E+00	9.62E-01	pCi/L
7C2 Rattlesnake Canyon(333405002) - SW	9-Sep-13	Cobalt-58	-1.36E-01	2.59E+00	1.57E+00	pCi/L
7C2 Rattlesnake Canyon(336390003) - SW	21-Oct-13	Cobalt-58	-4.70E-01	1.77E+00	1.09E+00	pCi/L
7C2 Rattlesnake Canyon(338116003) - SW	18-Nov-13	Cobalt-58	6.26E-01	2.20E+00	1.46E+00	pCi/L
7C2 Rattlesnake Canyon(339387003) - SW	9-Dec-13	Cobalt-58	-8.77E-01	1.68E+00	1.23E+00	pCi/L
7C2 Rattlesnake Canyon(318696003) - SW	14-Jan-13	Cobalt-60	-9.33E-01	1.99E+00	1.50E+00	pCi/L
7C2 Rattlesnake Canyon(321261002) - SW	26-Feb-13	Cobalt-60	8.71E-03	1.93E+00	1.31E+00	pCi/L
7C2 Rattlesnake Canyon(321757004) - SW	11-Mar-13	Cobalt-60	-1.07E+00	2.46E+00	1.65E+00	pCi/L

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7C2 Rattlesnake Canyon(324642003) - SW	22-Apr-13	Cobalt-60	1.86E-02	2.79E+00	1.68E+00	pCi/L
7C2 Rattlesnake Canyon(325981008) - SW	13-May-13	Cobalt-60	-2.97E-01	1.76E+00	1.06E+00	pCi/L
7C2 Rattlesnake Canyon(328525002) - SW	25-Jun-13	Cobalt-60	-3.25E-01	2.36E+00	1.45E+00	pCi/L
7C2 Rattlesnake Canyon(329924003) - SW	15-Jul-13	Cobalt-60	6.24E-01	1.68E+00	1.33E+00	pCi/L
7C2 Rattlesnake Canyon(331998003) - SW	19-Aug-13	Cobalt-60	1.41E+00	1.95E+00	1.37E+00	pCi/L
7C2 Rattlesnake Canyon(333405002) - SW	9-Sep-13	Cobalt-60	-2.71E-01	2.39E+00	1.47E+00	pCi/L
7C2 Rattlesnake Canyon(336390003) - SW	21-Oct-13	Cobalt-60	4.21E-01	1.96E+00	1.59E+00	pCi/L
7C2 Rattlesnake Canyon(338116003) - SW	18-Nov-13	Cobalt-60	-2.13E-01	2.16E+00	1.34E+00	pCi/L
7C2 Rattlesnake Canyon(339387003) - SW	9-Dec-13	Cobalt-60	-3.60E-01	1.92E+00	1.72E+00	pCi/L
7C2 Rattlesnake Canyon(318696003) - SW	14-Jan-13	Iodine-131	7.33E-01	2.53E+00	1.51E+00	pCi/L
7C2 Rattlesnake Canyon(321261002) - SW	26-Feb-13	Iodine-131	-1.17E-01	3.91E+00	2.33E+00	pCi/L
7C2 Rattlesnake Canyon(321757004) - SW	11-Mar-13	Iodine-131	-1.09E+00	4.11E+00	2.56E+00	pCi/L
7C2 Rattlesnake Canyon(324642003) - SW	22-Apr-13	Iodine-131	1.32E+00	4.03E+00	2.43E+00	pCi/L
7C2 Rattlesnake Canyon(325981008) - SW	13-May-13	Iodine-131	-1.20E+00	3.61E+00	2.25E+00	pCi/L
7C2 Rattlesnake Canyon(328525002) - SW	25-Jun-13	Iodine-131	-1.72E+00	4.32E+00	2.80E+00	pCi/L
7C2 Rattlesnake Canyon(329924003) - SW	15-Jul-13	Iodine-131	-1.85E+00	3.26E+00	2.21E+00	pCi/L
7C2 Rattlesnake Canyon(331998003) - SW	19-Aug-13	Iodine-131	-9.00E-01	3.10E+00	1.92E+00	pCi/L
7C2 Rattlesnake Canyon(333405002) - SW	9-Sep-13	Iodine-131	3.08E-01	4.77E+00	2.86E+00	pCi/L
7C2 Rattlesnake Canyon(336390003) - SW	21-Oct-13	Iodine-131	8.25E-02	3.49E+00	2.04E+00	pCi/L
7C2 Rattlesnake Canyon(338116003) - SW	18-Nov-13	Iodine-131	-1.25E+00	4.40E+00	2.81E+00	pCi/L
7C2 Rattlesnake Canyon(339387003) - SW	9-Dec-13	Iodine-131	-7.58E-01	3.99E+00	2.43E+00	pCi/L
7C2 Rattlesnake Canyon(318696003) - SW	14-Jan-13	Iron-55	1.44E+01	1.58E+02	1.12E+02	pCi/L
7C2 Rattlesnake Canyon(321261002) - SW	26-Feb-13	Iron-55	3.60E+01	8.44E+01	6.04E+01	pCi/L
7C2 Rattlesnake Canyon(321757004) - SW	11-Mar-13	Iron-55	2.49E+01	9.78E+01	6.64E+01	pCi/L
7C2 Rattlesnake Canyon(324642003) - SW	22-Apr-13	Iron-55	-2.03E+01	1.32E+02	9.50E+01	pCi/L
7C2 Rattlesnake Canyon(325981008) - SW	13-May-13	Iron-55	3.20E+00	1.13E+02	7.68E+01	pCi/L
7C2 Rattlesnake Canyon(328525002) - SW	25-Jun-13	Iron-55	1.84E+01	1.40E+02	9.70E+01	pCi/L
7C2 Rattlesnake Canyon(329924003) - SW	15-Jul-13	Iron-55	5.66E+00	1.08E+02	7.51E+01	pCi/L
7C2 Rattlesnake Canyon(331998003) - SW	19-Aug-13	Iron-55	-3.98E+01	7.88E+01	5.41E+01	pCi/L
7C2 Rattlesnake Canyon(333405002) - SW	9-Sep-13	Iron-55	4.08E+01	8.06E+01	5.92E+01	pCi/L
7C2 Rattlesnake Canyon(336390003) - SW	21-Oct-13	Iron-55	-4.64E+01	7.29E+01	4.76E+01	pCi/L
7C2 Rattlesnake Canyon(338116003) - SW	18-Nov-13	Iron-55	-7.73E+00	7.08E+01	5.16E+01	pCi/L
7C2 Rattlesnake Canyon(339387003) - SW	9-Dec-13	Iron-55	-6.03E+01	6.84E+01	4.44E+01	pCi/L
7C2 Rattlesnake Canyon(318696003) - SW	14-Jan-13	Iron-59	-6.68E-01	3.42E+00	2.13E+00	pCi/L
7C2 Rattlesnake Canyon(321261002) - SW	26-Feb-13	Iron-59	-4.23E-02	4.13E+00	2.49E+00	pCi/L
7C2 Rattlesnake Canyon(321757004) - SW	11-Mar-13	Iron-59	-7.91E-01	5.01E+00	3.02E+00	pCi/L
7C2 Rattlesnake Canyon(324642003) - SW	22-Apr-13	Iron-59	2.75E+00	5.73E+00	3.45E+00	pCi/L
7C2 Rattlesnake Canyon(325981008) - SW	13-May-13	Iron-59	8.25E-01	3.84E+00	2.28E+00	pCi/L
7C2 Rattlesnake Canyon(328525002) - SW	25-Jun-13	Iron-59	2.52E-01	4.51E+00	2.65E+00	pCi/L
7C2 Rattlesnake Canyon(329924003) - SW	15-Jul-13	Iron-59	7.03E-02	3.61E+00	2.11E+00	pCi/L
7C2 Rattlesnake Canyon(331998003) - SW	19-Aug-13	Iron-59	-5.28E-01	3.12E+00	2.21E+00	pCi/L
7C2 Rattlesnake Canyon(333405002) - SW	9-Sep-13	Iron-59	9.31E-01	6.03E+00	3.50E+00	pCi/L
7C2 Rattlesnake Canyon(336390003) - SW	21-Oct-13	Iron-59	1.62E+00	3.36E+00	3.56E+00	pCi/L
7C2 Rattlesnake Canyon(338116003) - SW	18-Nov-13	Iron-59	-6.03E-01	4.61E+00	2.81E+00	pCi/L
7C2 Rattlesnake Canyon(339387003) - SW	9-Dec-13	Iron-59	-1.84E+00	3.91E+00	2.63E+00	pCi/L

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7C2 Rattlesnake Canyon(318696003) - SW	14-Jan-13	Lanthanum-140	1.79E+00	2.76E+00	1.70E+00	pCi/L
7C2 Rattlesnake Canyon(321261002) - SW	26-Feb-13	Lanthanum-140	1.76E+00	3.57E+00	2.10E+00	pCi/L
7C2 Rattlesnake Canyon(321757004) - SW	11-Mar-13	Lanthanum-140	-1.26E+00	4.45E+00	2.89E+00	pCi/L
7C2 Rattlesnake Canyon(324642003) - SW	22-Apr-13	Lanthanum-140	1.03E-01	3.93E+00	2.30E+00	pCi/L
7C2 Rattlesnake Canyon(325981008) - SW	13-May-13	Lanthanum-140	-1.58E+00	3.19E+00	2.52E+00	pCi/L
7C2 Rattlesnake Canyon(328525002) - SW	25-Jun-13	Lanthanum-140	-9.25E-01	3.85E+00	2.38E+00	pCi/L
7C2 Rattlesnake Canyon(329924003) - SW	15-Jul-13	Lanthanum-140	-1.48E+00	2.82E+00	1.96E+00	pCi/L
7C2 Rattlesnake Canyon(331998003) - SW	19-Aug-13	Lanthanum-140	-1.08E+00	2.34E+00	1.62E+00	pCi/L
7C2 Rattlesnake Canyon(333405002) - SW	9-Sep-13	Lanthanum-140	1.49E+00	5.24E+00	2.99E+00	pCi/L
7C2 Rattlesnake Canyon(336390003) - SW	21-Oct-13	Lanthanum-140	-1.02E+00	2.63E+00	2.04E+00	pCi/L
7C2 Rattlesnake Canyon(338116003) - SW	18-Nov-13	Lanthanum-140	1.40E-01	3.98E+00	2.34E+00	pCi/L
7C2 Rattlesnake Canyon(339387003) - SW	9-Dec-13	Lanthanum-140	-8.78E-01	3.12E+00	1.96E+00	pCi/L
7C2 Rattlesnake Canyon(318696003) - SW	14-Jan-13	Manganese-54	-2.38E-01	1.57E+00	9.49E-01	pCi/L
7C2 Rattlesnake Canyon(321261002) - SW	26-Feb-13	Manganese-54	2.85E-01	1.88E+00	1.10E+00	pCi/L
7C2 Rattlesnake Canyon(321757004) - SW	11-Mar-13	Manganese-54	-1.01E+00	2.47E+00	1.62E+00	pCi/L
7C2 Rattlesnake Canyon(324642003) - SW	22-Apr-13	Manganese-54	-1.05E-01	2.29E+00	1.39E+00	pCi/L
7C2 Rattlesnake Canyon(325981008) - SW	13-May-13	Manganese-54	-9.51E-01	1.58E+00	1.08E+00	pCi/L
7C2 Rattlesnake Canyon(328525002) - SW	25-Jun-13	Manganese-54	-8.81E-01	1.90E+00	1.28E+00	pCi/L
7C2 Rattlesnake Canyon(329924003) - SW	15-Jul-13	Manganese-54	3.61E-01	1.62E+00	9.63E-01	pCi/L
7C2 Rattlesnake Canyon(331998003) - SW	19-Aug-13	Manganese-54	-1.77E-01	1.52E+00	9.01E-01	pCi/L
7C2 Rattlesnake Canyon(333405002) - SW	9-Sep-13	Manganese-54	9.13E-01	2.76E+00	1.65E+00	pCi/L
7C2 Rattlesnake Canyon(336390003) - SW	21-Oct-13	Manganese-54	-9.48E-01	1.63E+00	1.11E+00	pCi/L
7C2 Rattlesnake Canyon(338116003) - SW	18-Nov-13	Manganese-54	4.58E-02	1.99E+00	1.16E+00	pCi/L
7C2 Rattlesnake Canyon(339387003) - SW	9-Dec-13	Manganese-54	2.33E-01	1.73E+00	1.01E+00	pCi/L
7C2 Rattlesnake Canyon(318696003) - SW	14-Jan-13	Nickel-63	7.62E+00	2.75E+01	1.66E+01	pCi/L
7C2 Rattlesnake Canyon(321261002) - SW	26-Feb-13	Nickel-63	2.82E+00	3.27E+01	1.95E+01	pCi/L
7C2 Rattlesnake Canyon(321757004) - SW	11-Mar-13	Nickel-63	7.30E+00	3.45E+01	2.08E+01	pCi/L
7C2 Rattlesnake Canyon(324642003) - SW	22-Apr-13	Nickel-63	-7.95E+00	2.97E+01	1.75E+01	pCi/L
7C2 Rattlesnake Canyon(325981008) - SW	13-May-13	Nickel-63	-5.60E+00	2.96E+01	1.75E+01	pCi/L
7C2 Rattlesnake Canyon(328525002) - SW	25-Jun-13	Nickel-63	-5.63E+00	3.39E+01	2.00E+01	pCi/L
7C2 Rattlesnake Canyon(329924003) - SW	15-Jul-13	Nickel-63	2.62E+00	3.31E+01	1.98E+01	pCi/L
7C2 Rattlesnake Canyon(331998003) - SW	19-Aug-13	Nickel-63	1.22E+00	3.01E+01	1.80E+01	pCi/L
7C2 Rattlesnake Canyon(333405002) - SW	9-Sep-13	Nickel-63	-2.04E+01	4.10E+01	2.37E+01	pCi/L
7C2 Rattlesnake Canyon(336390003) - SW	21-Oct-13	Nickel-63	1.16E+01	2.95E+01	1.80E+01	pCi/L
7C2 Rattlesnake Canyon(338116003) - SW	18-Nov-13	Nickel-63	-1.99E+01	3.32E+01	1.92E+01	pCi/L
7C2 Rattlesnake Canyon(339387003) - SW	9-Dec-13	Nickel-63	-1.32E+01	4.39E+01	2.56E+01	pCi/L
7C2 Rattlesnake Canyon(318696003) - SW	14-Jan-13	Niobium-95	4.96E-02	1.68E+00	9.84E-01	pCi/L
7C2 Rattlesnake Canyon(321261002) - SW	26-Feb-13	Niobium-95	-7.78E-01	2.10E+00	1.77E+00	pCi/L
7C2 Rattlesnake Canyon(321757004) - SW	11-Mar-13	Niobium-95	3.29E-01	2.58E+00	1.52E+00	pCi/L
7C2 Rattlesnake Canyon(324642003) - SW	22-Apr-13	Niobium-95	6.26E-01	2.50E+00	1.49E+00	pCi/L
7C2 Rattlesnake Canyon(325981008) - SW	13-May-13	Niobium-95	-3.96E-01	1.84E+00	1.52E+00	pCi/L
7C2 Rattlesnake Canyon(328525002) - SW	25-Jun-13	Niobium-95	-2.16E+00	2.16E+00	2.29E+00	pCi/L
7C2 Rattlesnake Canyon(329924003) - SW	15-Jul-13	Niobium-95	5.67E-01	1.76E+00	1.05E+00	pCi/L
7C2 Rattlesnake Canyon(331998003) - SW	19-Aug-13	Niobium-95	4.64E-01	1.69E+00	9.81E-01	pCi/L
7C2 Rattlesnake Canyon(333405002) - SW	9-Sep-13	Niobium-95	9.41E-01	2.85E+00	1.70E+00	pCi/L

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7C2 Rattlesnake Canyon(336390003) - SW	21-Oct-13	Niobium-95	3.24E-01	1.77E+00	1.03E+00	pCi/L
7C2 Rattlesnake Canyon(338116003) - SW	18-Nov-13	Niobium-95	6.85E-01	2.30E+00	1.39E+00	pCi/L
7C2 Rattlesnake Canyon(339387003) - SW	9-Dec-13	Niobium-95	3.19E-01	1.90E+00	1.10E+00	pCi/L
7C2 Rattlesnake Canyon(318696003) - SW	14-Jan-13	Potassium-40	3.70E+02	1.63E+01	4.61E+01	pCi/L
7C2 Rattlesnake Canyon(321261002) - SW	26-Feb-13	Potassium-40	3.36E+02	1.87E+01	4.92E+01	pCi/L
7C2 Rattlesnake Canyon(321757004) - SW	11-Mar-13	Potassium-40	3.26E+02	2.45E+01	5.95E+01	pCi/L
7C2 Rattlesnake Canyon(324642003) - SW	22-Apr-13	Potassium-40	3.69E+02	2.53E+01	5.24E+01	pCi/L
7C2 Rattlesnake Canyon(325981008) - SW	13-May-13	Potassium-40	3.20E+02	1.63E+01	4.70E+01	pCi/L
7C2 Rattlesnake Canyon(328525002) - SW	25-Jun-13	Potassium-40	3.27E+02	2.18E+01	4.95E+01	pCi/L
7C2 Rattlesnake Canyon(329924003) - SW	15-Jul-13	Potassium-40	3.35E+02	1.46E+01	4.53E+01	pCi/L
7C2 Rattlesnake Canyon(331998003) - SW	19-Aug-13	Potassium-40	3.39E+02	1.61E+01	4.49E+01	pCi/L
7C2 Rattlesnake Canyon(333405002) - SW	9-Sep-13	Potassium-40	3.54E+02	2.99E+01	6.45E+01	pCi/L
7C2 Rattlesnake Canyon(336390003) - SW	21-Oct-13	Potassium-40	3.47E+02	1.65E+01	4.69E+01	pCi/L
7C2 Rattlesnake Canyon(338116003) - SW	18-Nov-13	Potassium-40	3.19E+02	2.00E+01	4.92E+01	pCi/L
7C2 Rattlesnake Canyon(339387003) - SW	9-Dec-13	Potassium-40	3.59E+02	1.72E+01	4.98E+01	pCi/L
7C2 Rattlesnake Canyon(318696003) - SW	14-Jan-13	Total Strontium	-1.04E+00	2.09E+00	1.20E+00	pCi/L
7C2 Rattlesnake Canyon(321261002) - SW	26-Feb-13	Total Strontium	3.74E+00	4.03E+00	2.69E+00	pCi/L
7C2 Rattlesnake Canyon(321757004) - SW	11-Mar-13	Total Strontium	-3.34E+00	5.09E+00	2.94E+00	pCi/L
7C2 Rattlesnake Canyon(324642003) - SW	22-Apr-13	Total Strontium	-1.27E-01	1.75E+00	1.04E+00	pCi/L
7C2 Rattlesnake Canyon(325981008) - SW	13-May-13	Total Strontium	-1.27E+00	3.58E+00	2.10E+00	pCi/L
7C2 Rattlesnake Canyon(328525002) - SW	25-Jun-13	Total Strontium	-1.58E+00	2.57E+00	1.45E+00	pCi/L
7C2 Rattlesnake Canyon(329924003) - SW	15-Jul-13	Total Strontium	4.77E-01	1.71E+00	1.05E+00	pCi/L
7C2 Rattlesnake Canyon(331998003) - SW	19-Aug-13	Total Strontium	-1.43E+00	2.16E+00	1.24E+00	pCi/L
7C2 Rattlesnake Canyon(333405002) - SW	9-Sep-13	Total Strontium	-2.03E+00	3.05E+00	1.73E+00	pCi/L
7C2 Rattlesnake Canyon(336390003) - SW	21-Oct-13	Total Strontium	1.55E+00	2.90E+00	1.81E+00	pCi/L
7C2 Rattlesnake Canyon(338116003) - SW	18-Nov-13	Total Strontium	-4.26E-01	2.69E+00	1.58E+00	pCi/L
7C2 Rattlesnake Canyon(339387003) - SW	9-Dec-13	Total Strontium	-2.34E+00	2.29E+00	1.29E+00	pCi/L
7C2 Rattlesnake Canyon(318696003) - SW	14-Jan-13	Tritium	0.00E+00	2.48E+02	1.48E+02	pCi/L
7C2 Rattlesnake Canyon(321261002) - SW	26-Feb-13	Tritium	-3.66E+01	2.29E+02	1.34E+02	pCi/L
7C2 Rattlesnake Canyon(321757004) - SW	11-Mar-13	Tritium	9.63E+01	2.31E+02	1.43E+02	pCi/L
7C2 Rattlesnake Canyon(324642003) - SW	22-Apr-13	Tritium	1.70E+01	2.48E+02	1.49E+02	pCi/L
7C2 Rattlesnake Canyon(325981008) - SW	13-May-13	Tritium	1.56E+02	2.11E+02	1.38E+02	pCi/L
7C2 Rattlesnake Canyon(328525002) - SW	25-Jun-13	Tritium	-6.44E+01	2.22E+02	1.29E+02	pCi/L
7C2 Rattlesnake Canyon(329924003) - SW	15-Jul-13	Tritium	1.27E+02	2.49E+02	1.56E+02	pCi/L
7C2 Rattlesnake Canyon(331998003) - SW	19-Aug-13	Tritium	6.86E+01	2.42E+02	1.49E+02	pCi/L
7C2 Rattlesnake Canyon(333405002) - SW	9-Sep-13	Tritium	-7.04E+00	2.83E+02	1.68E+02	pCi/L
7C2 Rattlesnake Canyon(336390003) - SW	21-Oct-13	Tritium	-2.30E+01	2.55E+02	1.51E+02	pCi/L
7C2 Rattlesnake Canyon(338116003) - SW	18-Nov-13	Tritium	-2.22E+01	2.49E+02	1.47E+02	pCi/L
7C2 Rattlesnake Canyon(339387003) - SW	9-Dec-13	Tritium	-2.13E+01	2.35E+02	1.39E+02	pCi/L
7C2 Rattlesnake Canyon(318696003) - SW	14-Jan-13	Zinc-65	-2.16E+00	3.26E+00	2.35E+00	pCi/L
7C2 Rattlesnake Canyon(321261002) - SW	26-Feb-13	Zinc-65	1.07E+00	4.18E+00	2.84E+00	pCi/L
7C2 Rattlesnake Canyon(321757004) - SW	11-Mar-13	Zinc-65	-2.69E+00	5.07E+00	3.44E+00	pCi/L
7C2 Rattlesnake Canyon(324642003) - SW	22-Apr-13	Zinc-65	3.97E+00	5.60E+00	3.89E+00	pCi/L
7C2 Rattlesnake Canyon(325981008) - SW	13-May-13	Zinc-65	7.47E-01	3.75E+00	2.55E+00	pCi/L
7C2 Rattlesnake Canyon(328525002) - SW	25-Jun-13	Zinc-65	2.12E+00	4.69E+00	3.16E+00	pCi/L

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7C2 Rattlesnake Canyon(329924003) - SW	15-Jul-13	Zinc-65	-1.04E+00	3.57E+00	2.22E+00	pCi/L
7C2 Rattlesnake Canyon(331998003) - SW	19-Aug-13	Zinc-65	-4.28E-01	3.38E+00	2.05E+00	pCi/L
7C2 Rattlesnake Canyon(333405002) - SW	9-Sep-13	Zinc-65	-2.91E+00	5.05E+00	3.52E+00	pCi/L
7C2 Rattlesnake Canyon(336390003) - SW	21-Oct-13	Zinc-65	-2.21E+00	3.73E+00	2.78E+00	pCi/L
7C2 Rattlesnake Canyon(338116003) - SW	18-Nov-13	Zinc-65	-2.24E+00	4.81E+00	3.20E+00	pCi/L
7C2 Rattlesnake Canyon(339387003) - SW	9-Dec-13	Zinc-65	-2.47E+00	3.68E+00	2.82E+00	pCi/L
7C2 Rattlesnake Canyon(318696003) - SW	14-Jan-13	Zirconium-95	5.91E-01	2.87E+00	1.68E+00	pCi/L
7C2 Rattlesnake Canyon(321261002) - SW	26-Feb-13	Zirconium-95	-2.73E-01	3.45E+00	2.36E+00	pCi/L
7C2 Rattlesnake Canyon(321757004) - SW	11-Mar-13	Zirconium-95	2.01E+00	4.51E+00	2.68E+00	pCi/L
7C2 Rattlesnake Canyon(324642003) - SW	22-Apr-13	Zirconium-95	-1.35E+00	4.19E+00	2.67E+00	pCi/L
7C2 Rattlesnake Canyon(325981008) - SW	13-May-13	Zirconium-95	8.73E-01	3.00E+00	1.74E+00	pCi/L
7C2 Rattlesnake Canyon(328525002) - SW	25-Jun-13	Zirconium-95	1.73E+00	3.82E+00	2.32E+00	pCi/L
7C2 Rattlesnake Canyon(329924003) - SW	15-Jul-13	Zirconium-95	8.22E-01	3.11E+00	1.84E+00	pCi/L
7C2 Rattlesnake Canyon(331998003) - SW	19-Aug-13	Zirconium-95	1.55E+00	3.13E+00	1.88E+00	pCi/L
7C2 Rattlesnake Canyon(333405002) - SW	9-Sep-13	Zirconium-95	-1.78E+00	4.49E+00	2.95E+00	pCi/L
7C2 Rattlesnake Canyon(336390003) - SW	21-Oct-13	Zirconium-95	7.84E-01	3.27E+00	1.90E+00	pCi/L
7C2 Rattlesnake Canyon(338116003) - SW	18-Nov-13	Zirconium-95	4.32E-01	3.60E+00	2.17E+00	pCi/L
7C2 Rattlesnake Canyon(339387003) - SW	9-Dec-13	Zirconium-95	-5.28E-01	3.29E+00	2.28E+00	pCi/L

7C2 Rattlesnake Canyon - Replicate Seawater

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
7C2 Rattlesnake Canyon-R(321757005) - SW	11-Mar-13	BETA	2.79E+02	6.29E+01	6.68E+01	pCi/L
7C2 Rattlesnake Canyon-R(321757005) - SW	11-Mar-13	Barium-140	2.06E-01	2.57E+00	1.53E+00	pCi/L
7C2 Rattlesnake Canyon-R(321757005) - SW	11-Mar-13	Cesium-134	-5.18E-01	1.77E+00	1.12E+00	pCi/L
7C2 Rattlesnake Canyon-R(321757005) - SW	11-Mar-13	Cesium-137	9.13E-01	1.76E+00	2.33E+00	pCi/L
7C2 Rattlesnake Canyon-R(321757005) - SW	11-Mar-13	Cobalt-58	-4.95E-01	1.52E+00	9.72E-01	pCi/L
7C2 Rattlesnake Canyon-R(321757005) - SW	11-Mar-13	Cobalt-60	-3.99E-01	1.70E+00	1.24E+00	pCi/L
7C2 Rattlesnake Canyon-R(321757005) - SW	11-Mar-13	Iodine-131	-1.63E+00	2.97E+00	2.00E+00	pCi/L
7C2 Rattlesnake Canyon-R(321757005) - SW	11-Mar-13	Iron-55	2.61E+01	8.76E+01	6.04E+01	pCi/L
7C2 Rattlesnake Canyon-R(321757005) - SW	11-Mar-13	Iron-59	5.08E-01	3.54E+00	2.06E+00	pCi/L
7C2 Rattlesnake Canyon-R(321757005) - SW	11-Mar-13	Lanthanum-140	2.06E-01	2.57E+00	1.53E+00	pCi/L
7C2 Rattlesnake Canyon-R(321757005) - SW	11-Mar-13	Manganese-54	-6.21E-01	1.56E+00	1.02E+00	pCi/L
7C2 Rattlesnake Canyon-R(321757005) - SW	11-Mar-13	Nickel-63	2.29E+01	2.69E+01	1.67E+01	pCi/L
7C2 Rattlesnake Canyon-R(321757005) - SW	11-Mar-13	Niobium-95	3.32E-01	1.70E+00	1.00E+00	pCi/L
7C2 Rattlesnake Canyon-R(321757005) - SW	11-Mar-13	Potassium-40	3.54E+02	1.55E+01	4.66E+01	pCi/L
7C2 Rattlesnake Canyon-R(321757005) - SW	11-Mar-13	Total Strontium	4.57E-01	4.32E+00	2.59E+00	pCi/L
7C2 Rattlesnake Canyon-R(321757005) - SW	11-Mar-13	Tritium	3.85E+01	2.29E+02	1.38E+02	pCi/L
7C2 Rattlesnake Canyon-R(321757005) - SW	11-Mar-13	Zinc-65	1.50E+00	3.90E+00	2.30E+00	pCi/L
7C2 Rattlesnake Canyon-R(321757005) - SW	11-Mar-13	Zirconium-95	1.57E-01	2.88E+00	1.71E+00	pCi/L

7D1 Avila Gate - Air Charcoal

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
7D1 Avila Gate(318098009) - AC	5-Jan-13	Iodine-131	-1.30E-03	1.51E-02	9.37E-03	pCi/m3
7D1 Avila Gate(318596009) - AC	12-Jan-13	Iodine-131	3.44E-04	1.39E-02	8.40E-03	pCi/m3
7D1 Avila Gate(319014009) - AC	19-Jan-13	Iodine-131	3.81E-03	1.21E-02	6.99E-03	pCi/m3

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7D1 Avila Gate(319444009) - AC	26-Jan-13	Iodine-131	3.02E-03	1.16E-02	7.56E-03	pCi/m3
7D1 Avila Gate(319881009) - AC	2-Feb-13	Iodine-131	1.01E-03	9.70E-03	5.61E-03	pCi/m3
7D1 Avila Gate(320343009) - AC	9-Feb-13	Iodine-131	-1.78E-03	1.01E-02	6.49E-03	pCi/m3
7D1 Avila Gate(320741009) - AC	16-Feb-13	Iodine-131	1.05E-04	1.94E-02	1.14E-02	pCi/m3
7D1 Avila Gate(321140009) - AC	23-Feb-13	Iodine-131	-9.76E-03	2.08E-02	1.38E-02	pCi/m3
7D1 Avila Gate(321493009) - AC	2-Mar-13	Iodine-131	5.93E-03	1.20E-02	6.72E-03	pCi/m3
7D1 Avila Gate(321894008) - AC	9-Mar-13	Iodine-131	-4.71E-03	8.95E-03	7.71E-03	pCi/m3
7D1 Avila Gate(322325009) - AC	16-Mar-13	Iodine-131	2.50E-03	1.31E-02	8.57E-03	pCi/m3
7D1 Avila Gate(322681009) - AC	23-Mar-13	Iodine-131	-3.38E-04	9.01E-03	5.30E-03	pCi/m3
7D1 Avila Gate(323029009) - AC	30-Mar-13	Iodine-131	-4.03E-03	1.13E-02	7.71E-03	pCi/m3
7D1 Avila Gate(323662009) - AC	6-Apr-13	Iodine-131	-1.09E-04	1.28E-02	7.64E-03	pCi/m3
7D1 Avila Gate(324138009) - AC	13-Apr-13	Iodine-131	-1.38E-03	1.27E-02	7.88E-03	pCi/m3
7D1 Avila Gate(324540009) - AC	20-Apr-13	Iodine-131	1.69E-03	1.26E-02	7.24E-03	pCi/m3
7D1 Avila Gate(324940009) - AC	27-Apr-13	Iodine-131	1.05E-03	1.24E-02	7.42E-03	pCi/m3
7D1 Avila Gate(325447009) - AC	4-May-13	Iodine-131	-1.70E-03	1.51E-02	9.04E-03	pCi/m3
7D1 Avila Gate(325880009) - AC	11-May-13	Iodine-131	4.61E-03	1.74E-02	9.84E-03	pCi/m3
7D1 Avila Gate(326386009) - AC	18-May-13	Iodine-131	4.01E-03	1.30E-02	7.23E-03	pCi/m3
7D1 Avila Gate(326684009) - AC	25-May-13	Iodine-131	-3.36E-04	1.20E-02	7.18E-03	pCi/m3
7D1 Avila Gate(327062009) - AC	1-Jun-13	Iodine-131	-3.55E-03	1.37E-02	8.95E-03	pCi/m3
7D1 Avila Gate(327575009) - AC	8-Jun-13	Iodine-131	1.64E-03	1.14E-02	6.45E-03	pCi/m3
7D1 Avila Gate(327976009) - AC	15-Jun-13	Iodine-131	5.76E-03	2.26E-02	1.31E-02	pCi/m3
7D1 Avila Gate(328374009) - AC	22-Jun-13	Iodine-131	2.99E-03	1.60E-02	9.11E-03	pCi/m3
7D1 Avila Gate(328789009) - AC	29-Jun-13	Iodine-131	3.23E-03	1.06E-02	5.75E-03	pCi/m3
7D1 Avila Gate(326726056) - AC	6-Jul-13	Iodine-131	8.12E-03	1.72E-02	9.85E-03	pCi/m3
7D1 Avila Gate(329746009) - AC	13-Jul-13	Iodine-131	1.95E-03	1.50E-02	8.74E-03	pCi/m3
7D1 Avila Gate(330256009) - AC	20-Jul-13	Iodine-131	-1.49E-03	1.90E-02	1.13E-02	pCi/m3
7D1 Avila Gate(330703009) - AC	27-Jul-13	Iodine-131	1.49E-03	1.18E-02	6.77E-03	pCi/m3
7D1 Avila Gate(331165009) - AC	3-Aug-13	Iodine-131	5.60E-05	2.22E-02	1.32E-02	pCi/m3
7D1 Avila Gate(331637009) - AC	10-Aug-13	Iodine-131	3.06E-03	1.11E-02	6.20E-03	pCi/m3
7D1 Avila Gate(332036009) - AC	17-Aug-13	Iodine-131	-4.17E-03	2.30E-02	1.42E-02	pCi/m3
7D1 Avila Gate(332457009) - AC	24-Aug-13	Iodine-131	-7.80E-04	8.41E-03	5.02E-03	pCi/m3
7D1 Avila Gate(332813003) - AC	31-Aug-13	Iodine-131	2.01E-03	1.10E-02	6.25E-03	pCi/m3
7D1 Avila Gate(333313009) - AC	7-Sep-13	Iodine-131	8.73E-03	1.09E-02	5.07E-03	pCi/m3
7D1 Avila Gate(333711009) - AC	14-Sep-13	Iodine-131	2.95E-03	2.00E-02	1.17E-02	pCi/m3
7D1 Avila Gate(334177009) - AC	21-Sep-13	Iodine-131	2.42E-03	9.63E-03	5.45E-03	pCi/m3
7D1 Avila Gate(334589009) - AC	28-Sep-13	Iodine-131	2.18E-03	1.21E-02	7.09E-03	pCi/m3
7D1 Avila Gate(335322009) - AC	5-Oct-13	Iodine-131	6.03E-03	1.17E-02	6.80E-03	pCi/m3
7D1 Avila Gate(335761009) - AC	12-Oct-13	Iodine-131	2.71E-03	1.19E-02	6.84E-03	pCi/m3
7D1 Avila Gate(336222009) - AC	19-Oct-13	Iodine-131	5.30E-04	9.89E-03	5.76E-03	pCi/m3
7D1 Avila Gate(336499009) - AC	26-Oct-13	Iodine-131	4.55E-03	1.27E-02	7.16E-03	pCi/m3
7D1 Avila Gate(337044009) - AC	2-Nov-13	Iodine-131	1.52E-03	8.33E-03	4.68E-03	pCi/m3
7D1 Avila Gate(337563002) - AC	9-Nov-13	Iodine-131	-1.98E-03	1.73E-02	1.07E-02	pCi/m3
7D1 Avila Gate(338021009) - AC	16-Nov-13	Iodine-131	2.35E-03	8.90E-03	5.11E-03	pCi/m3
7D1 Avila Gate(338375009) - AC	23-Nov-13	Iodine-131	-2.26E-03	1.81E-02	1.10E-02	pCi/m3
7D1 Avila Gate(338672009) - AC	30-Nov-13	Iodine-131	-3.55E-03	9.68E-03	7.53E-03	pCi/m3

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7D1 Avila Gate(339173009) - AC	7-Dec-13	Iodine-131	-2.58E-03	1.02E-02	6.77E-03	pCi/m3
7D1 Avila Gate(339736009) - AC	14-Dec-13	Iodine-131	9.14E-04	1.28E-02	7.36E-03	pCi/m3
7D1 Avila Gate(339933009) - AC	20-Dec-13	Iodine-131	3.13E-03	1.35E-02	7.82E-03	pCi/m3
7D1 Avila Gate(340048009) - AC	26-Dec-13	Iodine-131	3.57E-03	1.16E-02	6.47E-03	pCi/m3

7D1 Avila Gate - Air Particulate

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
7D1 Avila Gate(318098002) - AP	5-Jan-13	BETA	5.27E-02	1.75E-03	1.36E-02	pCi/m3
7D1 Avila Gate(318596002) - AP	12-Jan-13	BETA	3.79E-02	1.49E-03	1.06E-02	pCi/m3
7D1 Avila Gate(319014002) - AP	19-Jan-13	BETA	7.30E-02	1.53E-03	1.42E-02	pCi/m3
7D1 Avila Gate(319444002) - AP	26-Jan-13	BETA	2.10E-02	1.58E-03	1.02E-02	pCi/m3
7D1 Avila Gate(319881002) - AP	2-Feb-13	BETA	5.59E-02	1.59E-03	1.18E-02	pCi/m3
7D1 Avila Gate(320343002) - AP	9-Feb-13	BETA	2.97E-02	1.53E-03	1.40E-02	pCi/m3
7D1 Avila Gate(320741002) - AP	16-Feb-13	BETA	5.17E-02	1.62E-03	1.43E-02	pCi/m3
7D1 Avila Gate(321140002) - AP	23-Feb-13	BETA	1.78E-02	1.54E-03	1.17E-02	pCi/m3
7D1 Avila Gate(321493002) - AP	2-Mar-13	BETA	2.95E-02	1.68E-03	1.15E-02	pCi/m3
7D1 Avila Gate(321894002) - AP	9-Mar-13	BETA	3.13E-02	1.59E-03	1.07E-02	pCi/m3
7D1 Avila Gate(322325002) - AP	16-Mar-13	BETA	2.01E-02	1.56E-03	1.11E-02	pCi/m3
7D1 Avila Gate(322681002) - AP	23-Mar-13	BETA	2.97E-02	1.71E-03	1.23E-02	pCi/m3
7D1 Avila Gate(323029002) - AP	30-Mar-13	BETA	6.41E-03	1.60E-03	1.27E-02	pCi/m3
7D1 Avila Gate(323662002) - AP	6-Apr-13	BETA	1.18E-02	1.59E-03	1.45E-02	pCi/m3
7D1 Avila Gate(324138002) - AP	13-Apr-13	BETA	2.25E-02	1.60E-03	1.22E-02	pCi/m3
7D1 Avila Gate(324540002) - AP	20-Apr-13	BETA	1.63E-02	1.56E-03	1.26E-02	pCi/m3
7D1 Avila Gate(324940002) - AP	27-Apr-13	BETA	3.27E-02	1.58E-03	1.25E-02	pCi/m3
7D1 Avila Gate(325447002) - AP	4-May-13	BETA	3.21E-02	1.51E-03	1.21E-02	pCi/m3
7D1 Avila Gate(325880002) - AP	11-May-13	BETA	2.01E-02	1.59E-03	1.30E-02	pCi/m3
7D1 Avila Gate(326386002) - AP	18-May-13	BETA	3.97E-02	1.55E-03	1.18E-02	pCi/m3
7D1 Avila Gate(326684002) - AP	25-May-13	BETA	5.99E-03	1.67E-03	1.42E-02	pCi/m3
7D1 Avila Gate(327062002) - AP	1-Jun-13	BETA	2.19E-02	1.67E-03	1.30E-02	pCi/m3
7D1 Avila Gate(327575002) - AP	8-Jun-13	BETA	1.94E-02	1.65E-03	1.24E-02	pCi/m3
7D1 Avila Gate(327976002) - AP	15-Jun-13	BETA	1.98E-03	1.62E-03	1.36E-02	pCi/m3
7D1 Avila Gate(328374002) - AP	22-Jun-13	BETA	1.20E-02	1.84E-03	1.04E-02	pCi/m3
7D1 Avila Gate(328789002) - AP	29-Jun-13	BETA	7.34E-03	1.72E-03	9.82E-03	pCi/m3
7D1 Avila Gate(326726057) - AP	6-Jul-13	BETA	8.53E-03	1.73E-03	1.24E-02	pCi/m3
7D1 Avila Gate(329746002) - AP	13-Jul-13	BETA	1.48E-02	1.60E-03	1.23E-02	pCi/m3
7D1 Avila Gate(330256002) - AP	20-Jul-13	BETA	1.69E-02	1.49E-03	1.29E-02	pCi/m3
7D1 Avila Gate(330703002) - AP	27-Jul-13	BETA	8.35E-03	1.76E-03	1.26E-02	pCi/m3
7D1 Avila Gate(331165002) - AP	3-Aug-13	BETA	1.57E-02	1.69E-03	1.31E-02	pCi/m3
7D1 Avila Gate(331637002) - AP	10-Aug-13	BETA	1.87E-02	1.48E-03	1.40E-02	pCi/m3
7D1 Avila Gate(332036002) - AP	17-Aug-13	BETA	3.30E-02	1.60E-03	1.32E-02	pCi/m3
7D1 Avila Gate(332457002) - AP	24-Aug-13	BETA	1.67E-02	1.51E-03	1.35E-02	pCi/m3
7D1 Avila Gate(332813004) - AP	31-Aug-13	BETA	1.24E-02	1.60E-03	1.31E-02	pCi/m3
7D1 Avila Gate(333313002) - AP	7-Sep-13	BETA	1.60E-02	1.53E-03	1.36E-02	pCi/m3
7D1 Avila Gate(333711002) - AP	14-Sep-13	BETA	2.56E-02	1.57E-03	1.33E-02	pCi/m3
7D1 Avila Gate(334177002) - AP	21-Sep-13	BETA	3.50E-02	1.53E-03	1.28E-02	pCi/m3

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7D1 Avila Gate(334589002) - AP	28-Sep-13	BETA	1.92E-02	1.70E-03	1.22E-02	pCi/m3
7D1 Avila Gate(335322002) - AP	5-Oct-13	BETA	3.61E-02	1.66E-03	1.11E-02	pCi/m3
7D1 Avila Gate(335761002) - AP	12-Oct-13	BETA	4.24E-02	1.62E-03	1.17E-02	pCi/m3
7D1 Avila Gate(336222002) - AP	19-Oct-13	BETA	8.89E-02	1.30E-03	1.39E-02	pCi/m3
7D1 Avila Gate(336499002) - AP	26-Oct-13	BETA	7.15E-02	1.60E-03	1.60E-02	pCi/m3
7D1 Avila Gate(337044002) - AP	2-Nov-13	BETA	5.46E-02	1.18E-03	1.05E-02	pCi/m3
7D1 Avila Gate(337563003) - AP	9-Nov-13	BETA	5.85E-02	1.38E-03	1.11E-02	pCi/m3
7D1 Avila Gate(338021002) - AP	16-Nov-13	BETA	3.10E-02	1.38E-03	1.05E-02	pCi/m3
7D1 Avila Gate(338375002) - AP	23-Nov-13	BETA	3.13E-02	1.54E-03	1.51E-02	pCi/m3
7D1 Avila Gate(338672002) - AP	30-Nov-13	BETA	7.54E-02	1.18E-03	1.00E-02	pCi/m3
7D1 Avila Gate(339173002) - AP	7-Dec-13	BETA	4.10E-02	1.31E-03	1.07E-02	pCi/m3
7D1 Avila Gate(339736002) - AP	14-Dec-13	BETA	6.13E-02	1.47E-03	1.36E-02	pCi/m3
7D1 Avila Gate(339933002) - AP	20-Dec-13	BETA	5.39E-02	1.81E-03	1.70E-02	pCi/m3
7D1 Avila Gate(340048002) - AP	26-Dec-13	BETA	6.38E-02	1.31E-03	1.29E-02	pCi/m3
7D1 Avila Gate(323668002) - AP	9-Feb-13	Beryllium-7	1.38E-01	1.46E-02	2.88E-02	pCi/m3
7D1 Avila Gate(329524002) - AP	11-May-13	Beryllium-7	6.73E-02	6.07E-03	1.13E-02	pCi/m3
7D1 Avila Gate(335772002) - AP	10-Aug-13	Beryllium-7	6.58E-02	1.06E-02	1.50E-02	pCi/m3
7D1 Avila Gate(340908002) - AP	12-Nov-13	Beryllium-7	1.27E-01	6.89E-03	2.00E-02	pCi/m3
7D1 Avila Gate(323668002) - AP	9-Feb-13	Cesium-134	-3.52E-04	9.94E-04	6.80E-04	pCi/m3
7D1 Avila Gate(329524002) - AP	11-May-13	Cesium-134	1.21E-04	3.83E-04	2.29E-04	pCi/m3
7D1 Avila Gate(335772002) - AP	10-Aug-13	Cesium-134	1.45E-04	7.53E-04	4.14E-04	pCi/m3
7D1 Avila Gate(340908002) - AP	12-Nov-13	Cesium-134	-1.39E-04	4.16E-04	2.94E-04	pCi/m3
7D1 Avila Gate(323668002) - AP	9-Feb-13	Cesium-137	2.96E-04	9.93E-04	5.56E-04	pCi/m3
7D1 Avila Gate(329524002) - AP	11-May-13	Cesium-137	1.27E-05	3.20E-04	1.83E-04	pCi/m3
7D1 Avila Gate(335772002) - AP	10-Aug-13	Cesium-137	1.38E-04	5.88E-04	3.30E-04	pCi/m3
7D1 Avila Gate(340908002) - AP	12-Nov-13	Cesium-137	-1.71E-04	5.75E-04	3.82E-04	pCi/m3

7D3 Avila Pier - Market Fish

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
7D3 Avila Pier(319327001) - FH Market	25-Jan-13	Cesium-134	9.00E-01	4.19E+00	2.43E+00	pCi/kg
7D3 Avila Pier(319327001) - FH Market	25-Jan-13	Cesium-137	4.15E+00	3.96E+00	3.29E+00	pCi/kg
7D3 Avila Pier(319327001) - FH Market	25-Jan-13	Cobalt-58	-5.85E-01	3.87E+00	2.32E+00	pCi/kg
7D3 Avila Pier(319327001) - FH Market	25-Jan-13	Cobalt-60	-8.09E-01	4.17E+00	2.53E+00	pCi/kg
7D3 Avila Pier(319327001) - FH Market	25-Jan-13	Iron-59	-2.73E+00	9.12E+00	6.43E+00	pCi/kg
7D3 Avila Pier(319327001) - FH Market	25-Jan-13	Manganese-54	-6.87E-02	3.77E+00	2.22E+00	pCi/kg
7D3 Avila Pier(319327001) - FH Market	25-Jan-13	Potassium-40	2.96E+03	3.43E+01	2.88E+02	pCi/kg
7D3 Avila Pier(319327001) - FH Market	25-Jan-13	Zinc-65	-5.62E+00	9.23E+00	6.52E+00	pCi/kg

7G1 Arroyo Grande - Vegetation

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
7G1 Arroyo Grande(319022002) - VG Brdleaf	22-Jan-13	Beryllium-7	3.12E+02	6.76E+01	8.09E+01	pCi/kg
7G1 Arroyo Grande(325321002) - VG Brdleaf	6-May-13	Beryllium-7	2.22E+02	3.98E+01	4.54E+01	pCi/kg
7G1 Arroyo Grande(319022002) - VG Brdleaf	22-Jan-13	Cesium-134	2.04E+00	1.02E+01	6.61E+00	pCi/kg
7G1 Arroyo Grande(320829001) - VG Brdleaf	13-Feb-13	Cesium-134	8.15E-01	4.86E+00	3.33E+00	pCi/kg
7G1 Arroyo Grande(321494002) - VG Brdleaf	5-Mar-13	Cesium-134	3.92E+00	1.15E+01	6.91E+00	pCi/kg

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7G1 Arroyo Grande(323576002) - VG Brdleaf	8-Apr-13	Cesium-134	-7.14E-01	1.06E+01	7.31E+00	pCi/kg
7G1 Arroyo Grande(325321002) - VG Brdleaf	6-May-13	Cesium-134	2.63E+00	5.53E+00	3.07E+00	pCi/kg
7G1 Arroyo Grande(326968003) - VG Brdleaf	3-Jun-13	Cesium-134	-4.96E+00	6.53E+00	5.54E+00	pCi/kg
7G1 Arroyo Grande(329197002) - VG Brdleaf	8-Jul-13	Cesium-134	4.30E+00	4.73E+00	3.37E+00	pCi/kg
7G1 Arroyo Grande(331038002) - VG Brdleaf	5-Aug-13	Cesium-134	1.18E+00	6.87E+00	4.10E+00	pCi/kg
7G1 Arroyo Grande(332832003) - VG Brdleaf	3-Sep-13	Cesium-134	-3.82E+00	8.09E+00	6.17E+00	pCi/kg
7G1 Arroyo Grande(335187002) - VG Brdleaf	7-Oct-13	Cesium-134	3.13E+00	1.04E+01	6.19E+00	pCi/kg
7G1 Arroyo Grande(337528003) - VG Brdleaf	12-Nov-13	Cesium-134	-1.29E+00	1.05E+01	6.38E+00	pCi/kg
7G1 Arroyo Grande(339646002) - VG Brdleaf	16-Dec-13	Cesium-134	-8.40E-01	5.42E+00	3.32E+00	pCi/kg
7G1 Arroyo Grande(319022002) - VG Brdleaf	22-Jan-13	Cesium-137	8.00E+00	9.08E+00	6.62E+00	pCi/kg
7G1 Arroyo Grande(320829001) - VG Brdleaf	13-Feb-13	Cesium-137	2.16E+00	4.80E+00	4.48E+00	pCi/kg
7G1 Arroyo Grande(321494002) - VG Brdleaf	5-Mar-13	Cesium-137	3.35E+00	1.09E+01	1.04E+01	pCi/kg
7G1 Arroyo Grande(323576002) - VG Brdleaf	8-Apr-13	Cesium-137	-3.17E+00	1.04E+01	6.52E+00	pCi/kg
7G1 Arroyo Grande(325321002) - VG Brdleaf	6-May-13	Cesium-137	1.33E+00	5.38E+00	3.23E+00	pCi/kg
7G1 Arroyo Grande(326968003) - VG Brdleaf	3-Jun-13	Cesium-137	6.01E+00	6.01E+00	6.70E+00	pCi/kg
7G1 Arroyo Grande(329197002) - VG Brdleaf	8-Jul-13	Cesium-137	-8.99E-01	4.17E+00	2.55E+00	pCi/kg
7G1 Arroyo Grande(331038002) - VG Brdleaf	5-Aug-13	Cesium-137	-4.13E-01	6.91E+00	5.51E+00	pCi/kg
7G1 Arroyo Grande(332832003) - VG Brdleaf	3-Sep-13	Cesium-137	-4.02E+00	7.68E+00	6.59E+00	pCi/kg
7G1 Arroyo Grande(335187002) - VG Brdleaf	7-Oct-13	Cesium-137	9.70E+00	1.03E+01	1.13E+01	pCi/kg
7G1 Arroyo Grande(337528003) - VG Brdleaf	12-Nov-13	Cesium-137	8.87E+00	1.01E+01	7.64E+00	pCi/kg
7G1 Arroyo Grande(339646002) - VG Brdleaf	16-Dec-13	Cesium-137	8.94E-02	5.27E+00	3.10E+00	pCi/kg
7G1 Arroyo Grande(319022002) - VG Brdleaf	22-Jan-13	Iodine-131	2.95E-01	1.14E+01	6.90E+00	pCi/kg
7G1 Arroyo Grande(320829001) - VG Brdleaf	13-Feb-13	Iodine-131	-3.63E+00	1.18E+01	7.54E+00	pCi/kg
7G1 Arroyo Grande(321494002) - VG Brdleaf	5-Mar-13	Iodine-131	3.01E+00	1.26E+01	7.65E+00	pCi/kg
7G1 Arroyo Grande(323576002) - VG Brdleaf	8-Apr-13	Iodine-131	-5.96E-01	1.24E+01	7.32E+00	pCi/kg
7G1 Arroyo Grande(325321002) - VG Brdleaf	6-May-13	Iodine-131	-2.41E+00	6.75E+00	4.19E+00	pCi/kg
7G1 Arroyo Grande(326968003) - VG Brdleaf	3-Jun-13	Iodine-131	-2.42E+00	1.03E+01	6.48E+00	pCi/kg
7G1 Arroyo Grande(329197002) - VG Brdleaf	8-Jul-13	Iodine-131	-1.00E+00	7.41E+00	4.56E+00	pCi/kg
7G1 Arroyo Grande(331038002) - VG Brdleaf	5-Aug-13	Iodine-131	1.07E+00	1.30E+01	9.85E+00	pCi/kg
7G1 Arroyo Grande(332832003) - VG Brdleaf	3-Sep-13	Iodine-131	2.01E+00	1.24E+01	7.41E+00	pCi/kg
7G1 Arroyo Grande(335187002) - VG Brdleaf	7-Oct-13	Iodine-131	-3.19E-01	1.13E+01	6.85E+00	pCi/kg
7G1 Arroyo Grande(337528003) - VG Brdleaf	12-Nov-13	Iodine-131	-3.87E+00	1.00E+01	6.54E+00	pCi/kg
7G1 Arroyo Grande(339646002) - VG Brdleaf	16-Dec-13	Iodine-131	-3.83E-01	5.98E+00	3.64E+00	pCi/kg
7G1 Arroyo Grande(319022002) - VG Brdleaf	22-Jan-13	Potassium-40	3.23E+03	8.11E+01	3.70E+02	pCi/kg
7G1 Arroyo Grande(320829001) - VG Brdleaf	13-Feb-13	Potassium-40	2.86E+03	3.29E+01	2.79E+02	pCi/kg
7G1 Arroyo Grande(321494002) - VG Brdleaf	5-Mar-13	Potassium-40	5.14E+03	8.39E+01	5.15E+02	pCi/kg
7G1 Arroyo Grande(323576002) - VG Brdleaf	8-Apr-13	Potassium-40	3.94E+03	8.73E+01	4.21E+02	pCi/kg
7G1 Arroyo Grande(325321002) - VG Brdleaf	6-May-13	Potassium-40	3.15E+03	4.79E+01	3.22E+02	pCi/kg
7G1 Arroyo Grande(326968003) - VG Brdleaf	3-Jun-13	Potassium-40	2.70E+03	5.67E+01	2.99E+02	pCi/kg
7G1 Arroyo Grande(329197002) - VG Brdleaf	8-Jul-13	Potassium-40	2.46E+03	3.98E+01	2.50E+02	pCi/kg
7G1 Arroyo Grande(331038002) - VG Brdleaf	5-Aug-13	Potassium-40	2.00E+03	5.81E+01	2.29E+02	pCi/kg
7G1 Arroyo Grande(332832003) - VG Brdleaf	3-Sep-13	Potassium-40	1.96E+03	8.43E+01	2.43E+02	pCi/kg
7G1 Arroyo Grande(335187002) - VG Brdleaf	7-Oct-13	Potassium-40	4.56E+03	9.49E+01	4.90E+02	pCi/kg
7G1 Arroyo Grande(337528003) - VG Brdleaf	12-Nov-13	Potassium-40	4.30E+03	8.34E+01	4.42E+02	pCi/kg
7G1 Arroyo Grande(339646002) - VG Brdleaf	16-Dec-13	Potassium-40	2.46E+03	4.60E+01	2.57E+02	pCi/kg

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7G1 Arroyo Grande - Replicate Fruit

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
7G1 Arroyo Grande-R(339652001) - VG Fruit	16-Dec-13	Cesium-134	-5.35E-02	6.10E+00	3.57E+00	pCi/kg
7G1 Arroyo Grande-R(339652001) - VG Fruit	16-Dec-13	Cesium-137	5.46E+00	6.31E+00	4.31E+00	pCi/kg
7G1 Arroyo Grande-R(339652001) - VG Fruit	16-Dec-13	Iodine-131	-2.16E+00	6.64E+00	4.89E+00	pCi/kg
7G1 Arroyo Grande-R(339652001) - VG Fruit	16-Dec-13	Potassium-40	2.45E+03	5.72E+01	2.70E+02	pCi/kg

8S1 Target Range - Airborne Carbon 14

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
8S1 Target Range(314238001) - AC14	20-Oct-12	Carbon-14	8.28E-07	5.63E-06	3.37E-06	uCi/m3
8S1 Target Range(314569001) - AC14	27-Oct-12	Carbon-14	1.78E-06	5.27E-06	3.17E-06	uCi/m3
8S1 Target Range(315111001) - AC14	4-Nov-12	Carbon-14	-4.86E-07	5.12E-06	3.04E-06	uCi/m3
8S1 Target Range(315560001) - AC14	10-Nov-12	Carbon-14	1.00E-06	5.18E-06	3.10E-06	uCi/m3
8S1 Target Range(315801001) - AC14	17-Nov-12	Carbon-14	1.49E-06	6.06E-06	3.63E-06	uCi/m3
8S1 Target Range(316123001) - AC14	24-Nov-12	Carbon-14	-2.93E-06	4.83E-06	2.83E-06	uCi/m3
8S1 Target Range(316537001) - AC14	1-Dec-12	Carbon-14	-1.59E-06	9.00E-06	5.33E-06	uCi/m3
8S1 Target Range(316929001) - AC14	8-Dec-12	Carbon-14	-1.71E-07	5.29E-06	3.15E-06	uCi/m3
8S1 Target Range(317274001) - AC14	15-Dec-12	Carbon-14	-1.98E-06	6.37E-06	3.76E-06	uCi/m3
8S1 Target Range(317434001) - AC14	22-Dec-12	Carbon-14	-5.66E-06	6.80E-06	3.95E-06	uCi/m3
8S1 Target Range(318006001) - AC14	29-Dec-12	Carbon-14	-2.65E-06	5.00E-06	2.93E-06	uCi/m3
8S1 Target Range(318373001) - AC14	5-Jan-13	Carbon-14	-1.18E-06	5.15E-06	3.05E-06	uCi/m3
8S1 Target Range(318849001) - AC14	12-Jan-13	Carbon-14	-5.51E-07	1.99E-06	1.18E-06	uCi/m3
8S1 Target Range(319319001) - AC14	19-Jan-13	Carbon-14	7.26E-07	1.89E-06	1.14E-06	uCi/m3
8S1 Target Range(319666001) - AC14	26-Jan-13	Carbon-14	8.17E-07	2.20E-06	1.32E-06	uCi/m3
8S1 Target Range(320139001) - AC14	2-Feb-13	Carbon-14	-9.59E-07	2.04E-06	1.20E-06	uCi/m3
8S1 Target Range(320570001) - AC14	10-Feb-13	Carbon-14	-9.77E-07	1.65E-06	9.65E-07	uCi/m3
8S1 Target Range(320936001) - AC14	16-Feb-13	Carbon-14	5.61E-08	1.56E-06	9.29E-07	uCi/m3
8S1 Target Range(321303001) - AC14	23-Feb-13	Carbon-14	-9.52E-07	1.38E-06	8.04E-07	uCi/m3
8S1 Target Range(321704001) - AC14	2-Mar-13	Carbon-14	-4.63E-07	1.42E-06	8.38E-07	uCi/m3
8S1 Target Range(322088001) - AC14	9-Mar-13	Carbon-14	1.23E-07	1.39E-06	8.29E-07	uCi/m3
8S1 Target Range(322542001) - AC14	16-Mar-13	Carbon-14	-1.45E-07	1.48E-06	8.82E-07	uCi/m3
8S1 Target Range(322847001) - AC14	23-Mar-13	Carbon-14	-8.35E-07	1.48E-06	8.67E-07	uCi/m3
8S1 Target Range(323508001) - AC14	30-Mar-13	Carbon-14	-2.03E-07	1.39E-06	8.27E-07	uCi/m3
8S1 Target Range(323952001) - AC14	6-Apr-13	Carbon-14	3.68E-07	8.51E-07	5.14E-07	uCi/m3
8S1 Target Range(324525001) - AC14	13-Apr-13	Carbon-14	4.01E-07	8.62E-07	5.21E-07	uCi/m3
8S1 Target Range(324721001) - AC14	20-Apr-13	Carbon-14	-2.99E-07	9.68E-07	5.71E-07	uCi/m3
8S1 Target Range(325265001) - AC14	27-Apr-13	Carbon-14	1.00E-07	9.85E-07	5.89E-07	uCi/m3
8S1 Target Range(325682001) - AC14	4-May-13	Carbon-14	-1.42E-07	9.08E-07	5.38E-07	uCi/m3
8S1 Target Range(326099001) - AC14	11-May-13	Carbon-14	-2.72E-07	7.12E-07	4.19E-07	uCi/m3
8S1 Target Range(326690001) - AC14	18-May-13	Carbon-14	-1.01E-07	7.53E-07	4.47E-07	uCi/m3
8S1 Target Range(326951001) - AC14	25-May-13	Carbon-14	3.04E-07	6.25E-07	3.78E-07	uCi/m3
8S1 Target Range(327368001) - AC14	1-Jun-13	Carbon-14	-1.79E-08	6.13E-07	3.65E-07	uCi/m3
8S1 Target Range(327790001) - AC14	8-Jun-13	Carbon-14	4.69E-07	6.35E-07	3.88E-07	uCi/m3
8S1 Target Range(328228001) - AC14	15-Jun-13	Carbon-14	2.13E-07	5.22E-07	3.15E-07	uCi/m3

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8S1 Target Range(328582001) - AC14	22-Jun-13	Carbon-14	1.26E-07	7.26E-07	4.35E-07	uCi/m3
8S1 Target Range(329196001) - AC14	29-Jun-13	Carbon-14	3.87E-07	6.31E-07	3.83E-07	uCi/m3
8S1 Target Range(329593001) - AC14	6-Jul-13	Carbon-14	2.84E-08	6.63E-07	3.95E-07	uCi/m3
8S1 Target Range(330073001) - AC14	13-Jul-13	Carbon-14	1.59E-07	6.27E-07	3.77E-07	uCi/m3
8S1 Target Range(330481001) - AC14	20-Jul-13	Carbon-14	-2.04E-07	6.31E-07	3.72E-07	uCi/m3
8S1 Target Range(330957001) - AC14	27-Jul-13	Carbon-14	3.28E-07	6.90E-07	4.17E-07	uCi/m3
8S1 Target Range(331429001) - AC14	3-Aug-13	Carbon-14	1.24E-07	6.57E-07	3.94E-07	uCi/m3
8S1 Target Range(331845001) - AC14	10-Aug-13	Carbon-14	4.16E-07	7.10E-07	4.30E-07	uCi/m3
8S1 Target Range(332279001) - AC14	17-Aug-13	Carbon-14	-1.42E-07	5.89E-07	3.48E-07	uCi/m3
8S1 Target Range(332753001) - AC14	24-Aug-13	Carbon-14	-4.73E-07	6.20E-07	3.61E-07	uCi/m3
8S1 Target Range(333090001) - AC14	31-Aug-13	Carbon-14	1.66E-07	5.93E-07	3.56E-07	uCi/m3
8S1 Target Range(333536001) - AC14	7-Sep-13	Carbon-14	-3.11E-07	6.41E-07	3.76E-07	uCi/m3
8S1 Target Range(333927001) - AC14	14-Sep-13	Carbon-14	-4.08E-08	6.48E-07	3.85E-07	uCi/m3
8S1 Target Range(334391001) - AC14	21-Sep-13	Carbon-14	1.49E-08	6.16E-07	3.67E-07	uCi/m3
8S1 Target Range(335107001) - AC14	28-Sep-13	Carbon-14	-1.78E-07	6.86E-07	4.05E-07	uCi/m3
8S1 Target Range(335563001) - AC14	5-Oct-13	Carbon-14	-4.42E-07	6.04E-07	3.52E-07	uCi/m3
8S1 Target Range(336015001) - AC14	12-Oct-13	Carbon-14	-3.45E-07	5.98E-07	3.50E-07	uCi/m3
8S1 Target Range(336458001) - AC14	19-Oct-13	Carbon-14	-4.81E-07	6.42E-07	3.74E-07	uCi/m3
8S1 Target Range(336759001) - AC14	26-Oct-13	Carbon-14	-2.01E-07	6.70E-07	3.96E-07	uCi/m3
8S1 Target Range(337353001) - AC14	2-Nov-13	Carbon-14	2.46E-08	4.91E-07	2.93E-07	uCi/m3
8S1 Target Range(337900001) - AC14	9-Nov-13	Carbon-14	-2.89E-07	5.74E-07	3.37E-07	uCi/m3
8S1 Target Range(338241001) - AC14	16-Nov-13	Carbon-14	1.56E-07	5.50E-07	3.30E-07	uCi/m3
8S1 Target Range(338463001) - AC14	23-Nov-13	Carbon-14	-2.51E-08	5.89E-07	3.50E-07	uCi/m3
8S1 Target Range(338957001) - AC14	30-Nov-13	Carbon-14	1.41E-07	4.35E-07	2.62E-07	uCi/m3
8S1 Target Range(339445001) - AC14	7-Dec-13	Carbon-14	-3.93E-07	5.19E-07	3.02E-07	uCi/m3
8S1 Target Range(339887001) - AC14	14-Dec-13	Carbon-14	-4.46E-07	5.79E-07	3.38E-07	uCi/m3
8S1 Target Range(339987001) - AC14	20-Dec-13	Carbon-14	-2.64E-07	8.00E-07	4.72E-07	uCi/m3
8S1 Target Range(340561001) - AC14	26-Dec-13	Carbon-14	2.54E-07	5.13E-07	3.10E-07	uCi/m3

8S1 Target Range - Air Charcoal

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
8S1 Target Range(318098011) - AC	5-Jan-13	Iodine-131	6.10E-03	1.09E-02	7.08E-03	pCi/m3
8S1 Target Range(318596011) - AC	12-Jan-13	Iodine-131	1.41E-03	1.40E-02	7.89E-03	pCi/m3
8S1 Target Range(319014011) - AC	19-Jan-13	Iodine-131	2.07E-06	1.14E-02	6.73E-03	pCi/m3
8S1 Target Range(319444011) - AC	26-Jan-13	Iodine-131	3.95E-03	1.06E-02	8.97E-03	pCi/m3
8S1 Target Range(319881011) - AC	2-Feb-13	Iodine-131	-2.57E-03	7.84E-03	5.33E-03	pCi/m3
8S1 Target Range(320343011) - AC	10-Feb-13	Iodine-131	1.36E-03	1.00E-02	5.74E-03	pCi/m3
8S1 Target Range(320741011) - AC	16-Feb-13	Iodine-131	6.59E-03	9.22E-03	6.67E-03	pCi/m3
8S1 Target Range(321140011) - AC	23-Feb-13	Iodine-131	-2.44E-03	1.15E-02	7.13E-03	pCi/m3
8S1 Target Range(321493011) - AC	2-Mar-13	Iodine-131	2.02E-03	1.21E-02	7.03E-03	pCi/m3
8S1 Target Range(321894010) - AC	9-Mar-13	Iodine-131	3.22E-03	1.24E-02	7.18E-03	pCi/m3
8S1 Target Range(322325011) - AC	16-Mar-13	Iodine-131	-8.09E-05	1.07E-02	7.27E-03	pCi/m3
8S1 Target Range(322681011) - AC	23-Mar-13	Iodine-131	6.63E-04	9.73E-03	5.74E-03	pCi/m3
8S1 Target Range(323029011) - AC	30-Mar-13	Iodine-131	-3.72E-03	8.67E-03	6.26E-03	pCi/m3
8S1 Target Range(323662011) - AC	6-Apr-13	Iodine-131	6.24E-04	9.86E-03	6.55E-03	pCi/m3

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8S1 Target Range(324138011) - AC	13-Apr-13	Iodine-131	2.76E-04	1.14E-02	6.73E-03	pCi/m3
8S1 Target Range(324540011) - AC	20-Apr-13	Iodine-131	-3.80E-03	2.03E-02	1.28E-02	pCi/m3
8S1 Target Range(324940011) - AC	27-Apr-13	Iodine-131	-9.37E-04	1.12E-02	6.74E-03	pCi/m3
8S1 Target Range(325447011) - AC	4-May-13	Iodine-131	-6.40E-03	1.57E-02	1.10E-02	pCi/m3
8S1 Target Range(325880011) - AC	11-May-13	Iodine-131	5.61E-03	2.00E-02	1.24E-02	pCi/m3
8S1 Target Range(326386011) - AC	18-May-13	Iodine-131	3.95E-03	1.64E-02	9.18E-03	pCi/m3
8S1 Target Range(326684011) - AC	25-May-13	Iodine-131	1.39E-03	1.25E-02	7.17E-03	pCi/m3
8S1 Target Range(327062011) - AC	1-Jun-13	Iodine-131	-2.11E-03	1.13E-02	7.03E-03	pCi/m3
8S1 Target Range(327575011) - AC	8-Jun-13	Iodine-131	1.00E-02	2.23E-02	1.31E-02	pCi/m3
8S1 Target Range(327976011) - AC	15-Jun-13	Iodine-131	-9.40E-04	1.01E-02	6.24E-03	pCi/m3
8S1 Target Range(328374011) - AC	22-Jun-13	Iodine-131	-3.06E-03	9.98E-03	6.64E-03	pCi/m3
8S1 Target Range(328789011) - AC	29-Jun-13	Iodine-131	-2.61E-03	1.41E-02	8.82E-03	pCi/m3
8S1 Target Range(326726062) - AC	6-Jul-13	Iodine-131	3.24E-03	1.67E-02	9.54E-03	pCi/m3
8S1 Target Range(329746011) - AC	13-Jul-13	Iodine-131	6.13E-05	2.17E-02	1.27E-02	pCi/m3
8S1 Target Range(330256011) - AC	20-Jul-13	Iodine-131	-1.30E-03	1.23E-02	7.48E-03	pCi/m3
8S1 Target Range(330703011) - AC	27-Jul-13	Iodine-131	2.17E-03	1.04E-02	6.42E-03	pCi/m3
8S1 Target Range(331165011) - AC	3-Aug-13	Iodine-131	-4.40E-04	9.97E-03	5.93E-03	pCi/m3
8S1 Target Range(331637011) - AC	10-Aug-13	Iodine-131	2.51E-04	1.13E-02	6.65E-03	pCi/m3
8S1 Target Range(332036011) - AC	17-Aug-13	Iodine-131	1.20E-04	1.61E-02	9.40E-03	pCi/m3
8S1 Target Range(332457011) - AC	24-Aug-13	Iodine-131	-2.89E-03	1.19E-02	7.43E-03	pCi/m3
8S1 Target Range(332813007) - AC	31-Aug-13	Iodine-131	-7.15E-04	9.80E-03	6.85E-03	pCi/m3
8S1 Target Range(333313011) - AC	7-Sep-13	Iodine-131	-2.83E-03	1.75E-02	1.09E-02	pCi/m3
8S1 Target Range(333711011) - AC	14-Sep-13	Iodine-131	-1.59E-03	9.81E-03	6.26E-03	pCi/m3
8S1 Target Range(334177011) - AC	21-Sep-13	Iodine-131	-5.06E-03	8.73E-03	6.43E-03	pCi/m3
8S1 Target Range(334589011) - AC	28-Sep-13	Iodine-131	1.12E-03	1.33E-02	7.83E-03	pCi/m3
8S1 Target Range(335322011) - AC	5-Oct-13	Iodine-131	2.99E-03	1.28E-02	7.19E-03	pCi/m3
8S1 Target Range(335761011) - AC	12-Oct-13	Iodine-131	-8.22E-04	1.10E-02	7.60E-03	pCi/m3
8S1 Target Range(336222011) - AC	19-Oct-13	Iodine-131	1.35E-03	1.17E-02	6.95E-03	pCi/m3
8S1 Target Range(336499011) - AC	26-Oct-13	Iodine-131	-1.38E-03	1.25E-02	7.69E-03	pCi/m3
8S1 Target Range(337044011) - AC	2-Nov-13	Iodine-131	9.66E-04	8.48E-03	4.94E-03	pCi/m3
8S1 Target Range(337563009) - AC	9-Nov-13	Iodine-131	-3.02E-03	8.82E-03	5.78E-03	pCi/m3
8S1 Target Range(338021011) - AC	16-Nov-13	Iodine-131	-1.95E-03	8.67E-03	5.52E-03	pCi/m3
8S1 Target Range(338375011) - AC	23-Nov-13	Iodine-131	-2.66E-04	1.95E-02	1.18E-02	pCi/m3
8S1 Target Range(338672011) - AC	30-Nov-13	Iodine-131	3.84E-03	1.02E-02	5.93E-03	pCi/m3
8S1 Target Range(339173011) - AC	7-Dec-13	Iodine-131	3.33E-03	1.13E-02	6.44E-03	pCi/m3
8S1 Target Range(339736011) - AC	14-Dec-13	Iodine-131	1.83E-03	9.91E-03	5.69E-03	pCi/m3
8S1 Target Range(339933011) - AC	20-Dec-13	Iodine-131	-2.50E-03	1.39E-02	9.08E-03	pCi/m3
8S1 Target Range(340048011) - AC	26-Dec-13	Iodine-131	1.03E-04	1.26E-02	7.69E-03	pCi/m3

8S1 Target Range - Air Particulate

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
8S1 Target Range(318098004) - AP	5-Jan-13	BETA	5.98E-02	1.73E-03	1.36E-02	pCi/m3
8S1 Target Range(318596004) - AP	12-Jan-13	BETA	3.63E-02	1.50E-03	1.06E-02	pCi/m3
8S1 Target Range(319014004) - AP	19-Jan-13	BETA	6.34E-02	1.55E-03	1.42E-02	pCi/m3
8S1 Target Range(319444004) - AP	26-Jan-13	BETA	2.18E-02	1.56E-03	1.01E-02	pCi/m3

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8S1 Target Range(319881004) - AP	2-Feb-13	BETA	5.42E-02	1.56E-03	1.15E-02	pCi/m3
8S1 Target Range(320343004) - AP	10-Feb-13	BETA	3.38E-02	1.61E-03	1.48E-02	pCi/m3
8S1 Target Range(320741004) - AP	16-Feb-13	BETA	4.11E-02	1.61E-03	1.40E-02	pCi/m3
8S1 Target Range(321140004) - AP	23-Feb-13	BETA	1.82E-02	1.55E-03	1.18E-02	pCi/m3
8S1 Target Range(321493004) - AP	2-Mar-13	BETA	2.33E-02	1.63E-03	1.09E-02	pCi/m3
8S1 Target Range(321894004) - AP	9-Mar-13	BETA	3.68E-02	1.64E-03	1.12E-02	pCi/m3
8S1 Target Range(322325004) - AP	16-Mar-13	BETA	2.34E-02	1.56E-03	1.12E-02	pCi/m3
8S1 Target Range(322681004) - AP	23-Mar-13	BETA	2.91E-02	1.70E-03	1.23E-02	pCi/m3
8S1 Target Range(323029004) - AP	30-Mar-13	BETA	1.08E-02	1.61E-03	1.29E-02	pCi/m3
8S1 Target Range(323662004) - AP	6-Apr-13	BETA	9.74E-03	1.57E-03	1.43E-02	pCi/m3
8S1 Target Range(324138004) - AP	13-Apr-13	BETA	1.26E-02	1.60E-03	1.19E-02	pCi/m3
8S1 Target Range(324540004) - AP	20-Apr-13	BETA	1.96E-02	1.56E-03	1.27E-02	pCi/m3
8S1 Target Range(324940004) - AP	27-Apr-13	BETA	3.02E-02	1.58E-03	1.25E-02	pCi/m3
8S1 Target Range(325447004) - AP	4-May-13	BETA	3.56E-02	1.50E-03	1.22E-02	pCi/m3
8S1 Target Range(325880004) - AP	11-May-13	BETA	2.22E-02	1.61E-03	1.31E-02	pCi/m3
8S1 Target Range(326386004) - AP	18-May-13	BETA	2.12E-02	1.55E-03	1.13E-02	pCi/m3
8S1 Target Range(326684004) - AP	25-May-13	BETA	5.92E-03	1.69E-03	1.44E-02	pCi/m3
8S1 Target Range(327062004) - AP	1-Jun-13	BETA	1.59E-02	1.67E-03	1.29E-02	pCi/m3
8S1 Target Range(327575004) - AP	8-Jun-13	BETA	2.16E-02	1.63E-03	1.23E-02	pCi/m3
8S1 Target Range(327976004) - AP	15-Jun-13	BETA	3.49E-03	1.61E-03	1.36E-02	pCi/m3
8S1 Target Range(328374004) - AP	22-Jun-13	BETA	1.33E-02	1.85E-03	1.05E-02	pCi/m3
8S1 Target Range(328789004) - AP	29-Jun-13	BETA	9.11E-03	1.78E-03	1.02E-02	pCi/m3
8S1 Target Range(326726063) - AP	6-Jul-13	BETA	8.85E-03	1.73E-03	1.24E-02	pCi/m3
8S1 Target Range(329746004) - AP	13-Jul-13	BETA	1.21E-02	1.58E-03	1.21E-02	pCi/m3
8S1 Target Range(330256004) - AP	20-Jul-13	BETA	1.44E-02	1.50E-03	1.28E-02	pCi/m3
8S1 Target Range(330703004) - AP	27-Jul-13	BETA	3.43E-03	1.90E-03	1.34E-02	pCi/m3
8S1 Target Range(331165004) - AP	3-Aug-13	BETA	1.32E-02	1.76E-03	1.35E-02	pCi/m3
8S1 Target Range(331637004) - AP	10-Aug-13	BETA	8.56E-03	1.47E-03	1.37E-02	pCi/m3
8S1 Target Range(332036004) - AP	17-Aug-13	BETA	1.55E-02	1.59E-03	1.28E-02	pCi/m3
8S1 Target Range(332457004) - AP	24-Aug-13	BETA	1.36E-02	1.48E-03	1.32E-02	pCi/m3
8S1 Target Range(332813008) - AP	31-Aug-13	BETA	7.48E-03	1.56E-03	1.27E-02	pCi/m3
8S1 Target Range(333313004) - AP	7-Sep-13	BETA	1.18E-02	1.54E-03	1.36E-02	pCi/m3
8S1 Target Range(333711004) - AP	14-Sep-13	BETA	1.61E-02	1.53E-03	1.28E-02	pCi/m3
8S1 Target Range(334177004) - AP	21-Sep-13	BETA	2.56E-02	1.53E-03	1.26E-02	pCi/m3
8S1 Target Range(334589004) - AP	28-Sep-13	BETA	1.55E-02	1.69E-03	1.21E-02	pCi/m3
8S1 Target Range(335322004) - AP	5-Oct-13	BETA	4.33E-02	1.67E-03	1.14E-02	pCi/m3
8S1 Target Range(335761004) - AP	12-Oct-13	BETA	4.31E-02	1.61E-03	1.16E-02	pCi/m3
8S1 Target Range(336222004) - AP	19-Oct-13	BETA	8.53E-02	1.70E-03	1.40E-02	pCi/m3
8S1 Target Range(336499004) - AP	26-Oct-13	BETA	6.79E-02	1.60E-03	1.59E-02	pCi/m3
8S1 Target Range(337044004) - AP	2-Nov-13	BETA	4.39E-02	1.19E-03	1.03E-02	pCi/m3
8S1 Target Range(337563010) - AP	9-Nov-13	BETA	6.21E-02	1.40E-03	1.14E-02	pCi/m3
8S1 Target Range(338021004) - AP	16-Nov-13	BETA	2.52E-02	1.39E-03	1.04E-02	pCi/m3
8S1 Target Range(338375004) - AP	23-Nov-13	BETA	2.75E-02	1.57E-03	1.52E-02	pCi/m3
8S1 Target Range(338672004) - AP	30-Nov-13	BETA	7.88E-02	1.20E-03	1.02E-02	pCi/m3
8S1 Target Range(339173004) - AP	7-Dec-13	BETA	4.37E-02	1.30E-03	1.07E-02	pCi/m3

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8S1 Target Range(339736004) - AP	14-Dec-13	BETA	6.87E-02	1.46E-03	1.37E-02	pCi/m3
8S1 Target Range(339933004) - AP	20-Dec-13	BETA	5.14E-02	1.80E-03	1.69E-02	pCi/m3
8S1 Target Range(340048004) - AP	26-Dec-13	BETA	6.79E-02	1.28E-03	1.28E-02	pCi/m3
8S1 Target Range(323668004) - AP	9-Feb-13	Beryllium-7	1.16E-01	8.90E-03	1.92E-02	pCi/m3
8S1 Target Range(329524004) - AP	11-May-13	Beryllium-7	6.59E-02	6.10E-03	1.23E-02	pCi/m3
8S1 Target Range(335772004) - AP	10-Aug-13	Beryllium-7	4.15E-02	1.13E-02	1.43E-02	pCi/m3
8S1 Target Range(340908004) - AP	12-Nov-13	Beryllium-7	1.54E-01	6.23E-03	2.32E-02	pCi/m3
8S1 Target Range(323668004) - AP	9-Feb-13	Cesium-134	1.28E-05	4.59E-04	2.66E-04	pCi/m3
8S1 Target Range(329524004) - AP	11-May-13	Cesium-134	2.23E-04	4.73E-04	2.81E-04	pCi/m3
8S1 Target Range(335772004) - AP	10-Aug-13	Cesium-134	3.69E-04	9.40E-04	5.00E-04	pCi/m3
8S1 Target Range(340908004) - AP	12-Nov-13	Cesium-134	-1.92E-06	4.68E-04	2.83E-04	pCi/m3
8S1 Target Range(323668004) - AP	9-Feb-13	Cesium-137	-1.25E-05	5.36E-04	3.31E-04	pCi/m3
8S1 Target Range(329524004) - AP	11-May-13	Cesium-137	-2.34E-05	3.69E-04	2.64E-04	pCi/m3
8S1 Target Range(335772004) - AP	10-Aug-13	Cesium-137	2.01E-04	8.10E-04	4.60E-04	pCi/m3
8S1 Target Range(340908004) - AP	12-Nov-13	Cesium-137	7.18E-05	4.13E-04	2.35E-04	pCi/m3

8S2 SW Site Boundary - Air Charcoal

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
8S2 SW Site Boundary(318098010) - AC	5-Jan-13	Iodine-131	-1.46E-03	1.26E-02	7.91E-03	pCi/m3
8S2 SW Site Boundary(318596010) - AC	12-Jan-13	Iodine-131	3.87E-03	1.23E-02	6.90E-03	pCi/m3
8S2 SW Site Boundary(319014010) - AC	19-Jan-13	Iodine-131	-4.35E-03	1.07E-02	7.26E-03	pCi/m3
8S2 SW Site Boundary(319444010) - AC	26-Jan-13	Iodine-131	4.72E-03	2.02E-02	1.16E-02	pCi/m3
8S2 SW Site Boundary(319881010) - AC	2-Feb-13	Iodine-131	3.18E-03	1.98E-02	1.14E-02	pCi/m3
8S2 SW Site Boundary(320343010) - AC	9-Feb-13	Iodine-131	-4.46E-03	1.15E-02	8.08E-03	pCi/m3
8S2 SW Site Boundary(320741010) - AC	16-Feb-13	Iodine-131	-5.16E-03	1.18E-02	7.95E-03	pCi/m3
8S2 SW Site Boundary(321140010) - AC	23-Feb-13	Iodine-131	-2.98E-03	1.23E-02	7.95E-03	pCi/m3
8S2 SW Site Boundary(321493010) - AC	3-Mar-13	Iodine-131	2.77E-03	1.10E-02	6.15E-03	pCi/m3
8S2 SW Site Boundary(321894009) - AC	9-Mar-13	Iodine-131	4.18E-03	1.52E-02	8.75E-03	pCi/m3
8S2 SW Site Boundary(322325010) - AC	16-Mar-13	Iodine-131	-3.38E-03	9.90E-03	6.53E-03	pCi/m3
8S2 SW Site Boundary(322681010) - AC	23-Mar-13	Iodine-131	-1.22E-03	1.14E-02	7.16E-03	pCi/m3
8S2 SW Site Boundary(323029010) - AC	30-Mar-13	Iodine-131	6.96E-03	1.49E-02	8.51E-03	pCi/m3
8S2 SW Site Boundary(323662010) - AC	6-Apr-13	Iodine-131	4.92E-03	9.79E-03	5.37E-03	pCi/m3
8S2 SW Site Boundary(324138010) - AC	13-Apr-13	Iodine-131	-4.43E-03	1.51E-02	9.90E-03	pCi/m3
8S2 SW Site Boundary(324540010) - AC	20-Apr-13	Iodine-131	5.37E-03	1.24E-02	7.04E-03	pCi/m3
8S2 SW Site Boundary(324940010) - AC	27-Apr-13	Iodine-131	1.04E-02	1.47E-02	1.07E-02	pCi/m3
8S2 SW Site Boundary(325447010) - AC	4-May-13	Iodine-131	-9.98E-03	2.15E-02	1.52E-02	pCi/m3
8S2 SW Site Boundary(325880010) - AC	11-May-13	Iodine-131	-5.25E-03	1.43E-02	9.85E-03	pCi/m3
8S2 SW Site Boundary(326386010) - AC	18-May-13	Iodine-131	-1.11E-03	1.60E-02	9.76E-03	pCi/m3
8S2 SW Site Boundary(326386010) - AC	25-May-13	Iodine-131	2.11E-03	1.15E-02	6.53E-03	pCi/m3
8S2 SW Site Boundary(327062010) - AC	1-Jun-13	Iodine-131	6.89E-03	9.84E-03	7.91E-03	pCi/m3
8S2 SW Site Boundary(327575010) - AC	8-Jun-13	Iodine-131	-5.72E-04	1.17E-02	6.93E-03	pCi/m3
8S2 SW Site Boundary(327976010) - AC	15-Jun-13	Iodine-131	3.77E-03	1.26E-02	7.17E-03	pCi/m3
8S2 SW Site Boundary(328374010) - AC	22-Jun-13	Iodine-131	4.55E-03	1.19E-02	6.73E-03	pCi/m3
8S2 SW Site Boundary(328789010) - AC	29-Jun-13	Iodine-131	5.90E-03	1.68E-02	9.70E-03	pCi/m3
8S2 SW Site Boundary(326726058) - AC	6-Jul-13	Iodine-131	3.60E-03	3.36E-02	1.96E-02	pCi/m3

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8S2 SW Site Boundary(329746010) - AC	13-Jul-13	Iodine-131	1.27E-03	1.56E-02	1.06E-02	pCi/m3
8S2 SW Site Boundary(330256010) - AC	20-Jul-13	Iodine-131	3.20E-03	1.51E-02	8.60E-03	pCi/m3
8S2 SW Site Boundary(330703010) - AC	27-Jul-13	Iodine-131	-1.66E-03	9.44E-03	6.01E-03	pCi/m3
8S2 SW Site Boundary(331165010) - AC	3-Aug-13	Iodine-131	6.57E-03	1.28E-02	7.05E-03	pCi/m3
8S2 SW Site Boundary(331637010) - AC	10-Aug-13	Iodine-131	-3.99E-03	8.46E-03	7.09E-03	pCi/m3
8S2 SW Site Boundary(332036010) - AC	17-Aug-13	Iodine-131	-1.10E-02	1.62E-02	1.30E-02	pCi/m3
8S2 SW Site Boundary(332457010) - AC	24-Aug-13	Iodine-131	1.75E-03	1.89E-02	1.11E-02	pCi/m3
8S2 SW Site Boundary(332813005) - AC	31-Aug-13	Iodine-131	2.58E-03	1.22E-02	7.00E-03	pCi/m3
8S2 SW Site Boundary(333313010) - AC	7-Sep-13	Iodine-131	-1.56E-03	8.76E-03	5.47E-03	pCi/m3
8S2 SW Site Boundary(333711010) - AC	14-Sep-13	Iodine-131	-3.70E-03	1.21E-02	7.80E-03	pCi/m3
8S2 SW Site Boundary(334177010) - AC	21-Sep-13	Iodine-131	9.20E-04	1.05E-02	6.02E-03	pCi/m3
8S2 SW Site Boundary(334589010) - AC	28-Sep-13	Iodine-131	-1.64E-03	1.14E-02	6.98E-03	pCi/m3
8S2 SW Site Boundary(335322010) - AC	5-Oct-13	Iodine-131	2.39E-03	9.56E-03	5.40E-03	pCi/m3
8S2 SW Site Boundary(335761010) - AC	12-Oct-13	Iodine-131	-7.30E-04	1.01E-02	6.21E-03	pCi/m3
8S2 SW Site Boundary(336222010) - AC	19-Oct-13	Iodine-131	-2.45E-03	8.23E-03	5.59E-03	pCi/m3
8S2 SW Site Boundary(336499010) - AC	26-Oct-13	Iodine-131	1.04E-03	1.07E-02	6.31E-03	pCi/m3
8S2 SW Site Boundary(337044010) - AC	2-Nov-13	Iodine-131	8.27E-04	9.31E-03	5.53E-03	pCi/m3
8S2 SW Site Boundary(337563005) - AC	9-Nov-13	Iodine-131	-6.73E-03	1.89E-02	1.23E-02	pCi/m3
8S2 SW Site Boundary(338021010) - AC	16-Nov-13	Iodine-131	-4.92E-03	1.83E-02	1.15E-02	pCi/m3
8S2 SW Site Boundary(338375010) - AC	23-Nov-13	Iodine-131	7.29E-03	1.44E-02	9.37E-03	pCi/m3
8S2 SW Site Boundary(338672010) - AC	30-Nov-13	Iodine-131	2.48E-03	1.19E-02	6.92E-03	pCi/m3
8S2 SW Site Boundary(339173010) - AC	7-Dec-13	Iodine-131	3.65E-03	1.16E-02	6.50E-03	pCi/m3
8S2 SW Site Boundary(339736010) - AC	14-Dec-13	Iodine-131	2.10E-04	1.07E-02	6.16E-03	pCi/m3
8S2 SW Site Boundary(339933010) - AC	20-Dec-13	Iodine-131	-3.86E-03	2.41E-02	1.74E-02	pCi/m3
8S2 SW Site Boundary(340048010) - AC	26-Dec-13	Iodine-131	3.35E-03	1.53E-02	8.93E-03	pCi/m3

8S2 SW Site Boundary - Air Particulate

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
8S2 SW Site Boundary(318098003) - AP	5-Jan-13	BETA	6.48E-02	1.79E-03	1.41E-02	pCi/m3
8S2 SW Site Boundary(318596003) - AP	12-Jan-13	BETA	3.26E-02	1.49E-03	1.05E-02	pCi/m3
8S2 SW Site Boundary(319014003) - AP	19-Jan-13	BETA	7.73E-02	1.56E-03	1.46E-02	pCi/m3
8S2 SW Site Boundary(319444003) - AP	26-Jan-13	BETA	2.23E-02	1.58E-03	1.02E-02	pCi/m3
8S2 SW Site Boundary(319881003) - AP	2-Feb-13	BETA	5.63E-02	1.59E-03	1.18E-02	pCi/m3
8S2 SW Site Boundary(320343003) - AP	9-Feb-13	BETA	4.55E-02	1.56E-03	1.47E-02	pCi/m3
8S2 SW Site Boundary(320741003) - AP	16-Feb-13	BETA	4.06E-02	1.61E-03	1.40E-02	pCi/m3
8S2 SW Site Boundary(321140003) - AP	23-Feb-13	BETA	2.15E-02	1.57E-03	1.20E-02	pCi/m3
8S2 SW Site Boundary(321493003) - AP	3-Mar-13	BETA	2.03E-02	1.64E-03	1.09E-02	pCi/m3
8S2 SW Site Boundary(321894003) - AP	9-Mar-13	BETA	3.39E-02	1.67E-03	1.13E-02	pCi/m3
8S2 SW Site Boundary(322325003) - AP	16-Mar-13	BETA	1.83E-02	1.55E-03	1.10E-02	pCi/m3
8S2 SW Site Boundary(322681003) - AP	23-Mar-13	BETA	2.31E-02	1.72E-03	1.23E-02	pCi/m3
8S2 SW Site Boundary(323029003) - AP	30-Mar-13	BETA	9.36E-03	1.58E-03	1.27E-02	pCi/m3
8S2 SW Site Boundary(323662003) - AP	6-Apr-13	BETA	9.10E-03	1.60E-03	1.45E-02	pCi/m3
8S2 SW Site Boundary(324138003) - AP	13-Apr-13	BETA	1.77E-02	1.61E-03	1.22E-02	pCi/m3
8S2 SW Site Boundary(324540003) - AP	20-Apr-13	BETA	2.05E-02	1.57E-03	1.28E-02	pCi/m3
8S2 SW Site Boundary(324940003) - AP	27-Apr-13	BETA	3.09E-02	1.56E-03	1.24E-02	pCi/m3

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8S2 SW Site Boundary(325447003) - AP	4-May-13	BETA	3.15E-02	1.54E-03	1.23E-02	pCi/m3
8S2 SW Site Boundary(325880003) - AP	11-May-13	BETA	1.52E-02	1.63E-03	1.31E-02	pCi/m3
8S2 SW Site Boundary(326386003) - AP	18-May-13	BETA	2.35E-02	1.56E-03	1.14E-02	pCi/m3
8S2 SW Site Boundary(326684003) - AP	25-May-13	BETA	8.40E-03	1.71E-03	1.46E-02	pCi/m3
8S2 SW Site Boundary(327062003) - AP	1-Jun-13	BETA	1.52E-02	1.68E-03	1.29E-02	pCi/m3
8S2 SW Site Boundary(327575003) - AP	8-Jun-13	BETA	2.47E-02	1.66E-03	1.26E-02	pCi/m3
8S2 SW Site Boundary(327976003) - AP	15-Jun-13	BETA	1.07E-02	1.62E-03	1.38E-02	pCi/m3
8S2 SW Site Boundary(328374003) - AP	22-Jun-13	BETA	9.09E-03	1.86E-03	1.04E-02	pCi/m3
8S2 SW Site Boundary(328789003) - AP	29-Jun-13	BETA	1.40E-02	1.79E-03	1.04E-02	pCi/m3
8S2 SW Site Boundary(326726059) - AP	6-Jul-13	BETA	4.94E-03	1.90E-03	1.36E-02	pCi/m3
8S2 SW Site Boundary(329746003) - AP	13-Jul-13	BETA	8.83E-03	1.62E-03	1.23E-02	pCi/m3
8S2 SW Site Boundary(330256003) - AP	20-Jul-13	BETA	1.35E-02	1.51E-03	1.29E-02	pCi/m3
8S2 SW Site Boundary(330703003) - AP	27-Jul-13	BETA	1.37E-02	1.74E-03	1.25E-02	pCi/m3
8S2 SW Site Boundary(331165003) - AP	3-Aug-13	BETA	1.14E-02	1.73E-03	1.32E-02	pCi/m3
8S2 SW Site Boundary(331637003) - AP	10-Aug-13	BETA	1.44E-02	1.51E-03	1.42E-02	pCi/m3
8S2 SW Site Boundary(332036003) - AP	17-Aug-13	BETA	2.32E-02	1.67E-03	1.35E-02	pCi/m3
8S2 SW Site Boundary(332457003) - AP	24-Aug-13	BETA	1.16E-02	1.51E-03	1.34E-02	pCi/m3
8S2 SW Site Boundary(332813006) - AP	31-Aug-13	BETA	1.00E-02	1.60E-03	1.31E-02	pCi/m3
8S2 SW Site Boundary(333313003) - AP	7-Sep-13	BETA	1.10E-02	1.56E-03	1.37E-02	pCi/m3
8S2 SW Site Boundary(333711003) - AP	14-Sep-13	BETA	2.16E-02	1.56E-03	1.32E-02	pCi/m3
8S2 SW Site Boundary(334177003) - AP	21-Sep-13	BETA	2.62E-02	1.56E-03	1.29E-02	pCi/m3
8S2 SW Site Boundary(334589003) - AP	28-Sep-13	BETA	1.85E-02	1.77E-03	1.27E-02	pCi/m3
8S2 SW Site Boundary(335322003) - AP	5-Oct-13	BETA	4.53E-02	1.67E-03	1.14E-02	pCi/m3
8S2 SW Site Boundary(335761003) - AP	12-Oct-13	BETA	4.03E-02	1.65E-03	1.19E-02	pCi/m3
8S2 SW Site Boundary(336222003) - AP	19-Oct-13	BETA	8.25E-02	1.72E-03	1.41E-02	pCi/m3
8S2 SW Site Boundary(336499003) - AP	26-Oct-13	BETA	6.45E-02	1.61E-03	1.60E-02	pCi/m3
8S2 SW Site Boundary(337044003) - AP	2-Nov-13	BETA	4.02E-02	1.20E-03	1.03E-02	pCi/m3
8S2 SW Site Boundary(337563006) - AP	9-Nov-13	BETA	5.50E-02	1.43E-03	1.14E-02	pCi/m3
8S2 SW Site Boundary(338021003) - AP	16-Nov-13	BETA	2.51E-02	1.41E-03	1.05E-02	pCi/m3
8S2 SW Site Boundary(338375003) - AP	23-Nov-13	BETA	2.39E-02	1.56E-03	1.50E-02	pCi/m3
8S2 SW Site Boundary(338672003) - AP	30-Nov-13	BETA	7.27E-02	1.18E-03	9.90E-03	pCi/m3
8S2 SW Site Boundary(339173003) - AP	7-Dec-13	BETA	3.94E-02	1.30E-03	1.07E-02	pCi/m3
8S2 SW Site Boundary(339736003) - AP	14-Dec-13	BETA	6.19E-02	1.47E-03	1.37E-02	pCi/m3
8S2 SW Site Boundary(339933003) - AP	20-Dec-13	BETA	4.66E-02	1.81E-03	1.69E-02	pCi/m3
8S2 SW Site Boundary(340048003) - AP	26-Dec-13	BETA	6.83E-02	1.31E-03	1.30E-02	pCi/m3
8S2 SW Site Boundary(323668003) - AP	9-Feb-13	Beryllium-7	9.72E-02	9.10E-03	1.79E-02	pCi/m3
8S2 SW Site Boundary(329524003) - AP	11-May-13	Beryllium-7	7.07E-02	6.35E-03	1.17E-02	pCi/m3
8S2 SW Site Boundary(335772003) - AP	10-Aug-13	Beryllium-7	4.69E-02	1.10E-02	1.41E-02	pCi/m3
8S2 SW Site Boundary(340908003) - AP	12-Nov-13	Beryllium-7	1.41E-01	1.01E-02	2.16E-02	pCi/m3
8S2 SW Site Boundary(323668003) - AP	9-Feb-13	Cesium-134	-1.22E-04	6.29E-04	3.98E-04	pCi/m3
8S2 SW Site Boundary(329524003) - AP	11-May-13	Cesium-134	-1.59E-04	3.61E-04	2.48E-04	pCi/m3
8S2 SW Site Boundary(335772003) - AP	10-Aug-13	Cesium-134	3.45E-04	6.68E-04	3.53E-04	pCi/m3
8S2 SW Site Boundary(340908003) - AP	12-Nov-13	Cesium-134	-3.63E-05	6.81E-04	4.06E-04	pCi/m3
8S2 SW Site Boundary(323668003) - AP	9-Feb-13	Cesium-137	3.15E-04	6.81E-04	3.46E-04	pCi/m3
8S2 SW Site Boundary(329524003) - AP	11-May-13	Cesium-137	-9.86E-05	4.06E-04	2.67E-04	pCi/m3

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8S2 SW Site Boundary(335772003) - AP	10-Aug-13	Cesium-137	2.31E-04	6.75E-04	3.57E-04	pCi/m3
8S2 SW Site Boundary(340908003) - AP	12-Nov-13	Cesium-137	3.42E-04	7.46E-04	4.20E-04	pCi/m3

8S3 DCSF96-1 - Monitoring Well

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
8S3 DCSF96-1(322087003) - GW	12-Mar-13	BETA	4.57E+00	2.32E+00	1.71E+00	pCi/L
8S3 DCSF96-1(325981003) - GW	9-May-13	BETA	7.72E+00	1.13E+00	1.60E+00	pCi/L
8S3 DCSF96-1(333377003) - GW	5-Sep-13	BETA	6.13E+00	2.42E+00	1.90E+00	pCi/L
8S3 DCSF96-1(335659002) - GW	10-Oct-13	BETA	8.52E+00	1.15E+00	1.75E+00	pCi/L
8S3 DCSF96-1(322087003) - GW	12-Mar-13	Barium-140	6.92E-01	3.12E+00	2.11E+00	pCi/L
8S3 DCSF96-1(325981003) - GW	9-May-13	Barium-140	-1.95E+00	3.86E+00	2.96E+00	pCi/L
8S3 DCSF96-1(333377003) - GW	5-Sep-13	Barium-140	1.28E+00	3.93E+00	2.27E+00	pCi/L
8S3 DCSF96-1(335659002) - GW	10-Oct-13	Barium-140	-3.42E+00	2.72E+00	2.92E+00	pCi/L
8S3 DCSF96-1(322087003) - GW	12-Mar-13	Cesium-134	8.65E-01	1.84E+00	1.11E+00	pCi/L
8S3 DCSF96-1(325981003) - GW	9-May-13	Cesium-134	9.81E-01	2.10E+00	1.27E+00	pCi/L
8S3 DCSF96-1(333377003) - GW	5-Sep-13	Cesium-134	1.43E+00	1.97E+00	1.25E+00	pCi/L
8S3 DCSF96-1(335659002) - GW	10-Oct-13	Cesium-134	3.62E-01	1.83E+00	1.06E+00	pCi/L
8S3 DCSF96-1(322087003) - GW	12-Mar-13	Cesium-137	1.18E+00	1.76E+00	2.29E+00	pCi/L
8S3 DCSF96-1(325981003) - GW	9-May-13	Cesium-137	7.53E-01	1.88E+00	1.12E+00	pCi/L
8S3 DCSF96-1(333377003) - GW	5-Sep-13	Cesium-137	-3.34E-01	1.79E+00	1.07E+00	pCi/L
8S3 DCSF96-1(335659002) - GW	10-Oct-13	Cesium-137	1.61E-01	1.71E+00	1.03E+00	pCi/L
8S3 DCSF96-1(322087003) - GW	12-Mar-13	Cobalt-58	-6.82E-01	1.45E+00	1.02E+00	pCi/L
8S3 DCSF96-1(325981003) - GW	9-May-13	Cobalt-58	-4.16E-01	1.84E+00	1.21E+00	pCi/L
8S3 DCSF96-1(333377003) - GW	5-Sep-13	Cobalt-58	9.73E-02	1.78E+00	1.04E+00	pCi/L
8S3 DCSF96-1(335659002) - GW	10-Oct-13	Cobalt-58	3.31E-01	1.70E+00	1.01E+00	pCi/L
8S3 DCSF96-1(322087003) - GW	12-Mar-13	Cobalt-60	-6.09E-02	1.69E+00	1.00E+00	pCi/L
8S3 DCSF96-1(325981003) - GW	9-May-13	Cobalt-60	2.12E-01	1.77E+00	1.03E+00	pCi/L
8S3 DCSF96-1(333377003) - GW	5-Sep-13	Cobalt-60	-6.51E-01	1.63E+00	1.10E+00	pCi/L
8S3 DCSF96-1(335659002) - GW	10-Oct-13	Cobalt-60	3.62E-01	1.78E+00	1.02E+00	pCi/L
8S3 DCSF96-1(322087003) - GW	12-Mar-13	Iodine-131	9.24E-01	3.43E+00	2.04E+00	pCi/L
8S3 DCSF96-1(325981003) - GW	9-May-13	Iodine-131	1.12E+00	5.71E+00	3.36E+00	pCi/L
8S3 DCSF96-1(333377003) - GW	5-Sep-13	Iodine-131	-3.78E+00	4.83E+00	4.25E+00	pCi/L
8S3 DCSF96-1(335659002) - GW	10-Oct-13	Iodine-131	-9.25E-02	3.23E+00	1.90E+00	pCi/L
8S3 DCSF96-1(322087003) - GW	12-Mar-13	Iron-55	2.07E+01	1.02E+02	7.36E+01	pCi/L
8S3 DCSF96-1(325981003) - GW	9-May-13	Iron-55	3.50E+01	1.27E+02	8.91E+01	pCi/L
8S3 DCSF96-1(333377003) - GW	5-Sep-13	Iron-55	-1.54E+01	5.87E+01	4.07E+01	pCi/L
8S3 DCSF96-1(335659002) - GW	10-Oct-13	Iron-55	1.53E+01	7.16E+01	5.21E+01	pCi/L
8S3 DCSF96-1(322087003) - GW	12-Mar-13	Iron-59	2.96E-01	3.46E+00	2.41E+00	pCi/L
8S3 DCSF96-1(325981003) - GW	9-May-13	Iron-59	1.10E-01	3.91E+00	2.36E+00	pCi/L
8S3 DCSF96-1(333377003) - GW	5-Sep-13	Iron-59	-6.10E-02	3.92E+00	2.36E+00	pCi/L
8S3 DCSF96-1(335659002) - GW	10-Oct-13	Iron-59	1.86E+00	3.56E+00	2.17E+00	pCi/L
8S3 DCSF96-1(322087003) - GW	12-Mar-13	Lanthanum-140	6.92E-01	3.12E+00	2.11E+00	pCi/L
8S3 DCSF96-1(325981003) - GW	9-May-13	Lanthanum-140	-1.95E+00	3.86E+00	2.96E+00	pCi/L
8S3 DCSF96-1(333377003) - GW	5-Sep-13	Lanthanum-140	1.28E+00	3.93E+00	2.27E+00	pCi/L
8S3 DCSF96-1(335659002) - GW	10-Oct-13	Lanthanum-140	-3.42E+00	2.72E+00	2.92E+00	pCi/L

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8S3 DCSF96-1(322087003) - GW	12-Mar-13	Manganese-54	-6.65E-02	1.63E+00	9.72E-01	pCi/L
8S3 DCSF96-1(325981003) - GW	9-May-13	Manganese-54	-1.20E+00	1.58E+00	1.15E+00	pCi/L
8S3 DCSF96-1(333377003) - GW	5-Sep-13	Manganese-54	3.46E-02	1.67E+00	9.81E-01	pCi/L
8S3 DCSF96-1(335659002) - GW	10-Oct-13	Manganese-54	-7.86E-01	1.40E+00	9.52E-01	pCi/L
8S3 DCSF96-1(322087003) - GW	12-Mar-13	Nickel-63	-1.83E+01	4.14E+01	2.41E+01	pCi/L
8S3 DCSF96-1(325981003) - GW	9-May-13	Nickel-63	6.81E+00	2.36E+01	1.42E+01	pCi/L
8S3 DCSF96-1(333377003) - GW	5-Sep-13	Nickel-63	-2.12E+01	3.46E+01	1.98E+01	pCi/L
8S3 DCSF96-1(335659002) - GW	10-Oct-13	Nickel-63	-1.60E+01	3.79E+01	2.18E+01	pCi/L
8S3 DCSF96-1(322087003) - GW	12-Mar-13	Niobium-95	-1.29E+00	1.71E+00	1.57E+00	pCi/L
8S3 DCSF96-1(325981003) - GW	9-May-13	Niobium-95	8.81E-01	2.00E+00	1.20E+00	pCi/L
8S3 DCSF96-1(333377003) - GW	5-Sep-13	Niobium-95	3.60E-01	1.78E+00	1.03E+00	pCi/L
8S3 DCSF96-1(335659002) - GW	10-Oct-13	Niobium-95	-4.18E-01	1.68E+00	1.39E+00	pCi/L
8S3 DCSF96-1(322087003) - GW	12-Mar-13	Total Strontium	-2.78E-02	3.11E-01	1.84E-01	pCi/L
8S3 DCSF96-1(325981003) - GW	9-May-13	Total Strontium	6.27E-02	2.25E-01	1.37E-01	pCi/L
8S3 DCSF96-1(333377003) - GW	5-Sep-13	Total Strontium	-1.35E-01	1.91E-01	1.09E-01	pCi/L
8S3 DCSF96-1(335659002) - GW	10-Oct-13	Total Strontium	6.20E-03	1.95E-01	1.17E-01	pCi/L
8S3 DCSF96-1(322087003) - GW	12-Mar-13	Tritium	3.14E+02	2.36E+02	1.70E+02	pCi/L
8S3 DCSF96-1(325981003) - GW	9-May-13	Tritium	2.20E+02	2.43E+02	1.63E+02	pCi/L
8S3 DCSF96-1(333377003) - GW	5-Sep-13	Tritium	2.54E+02	2.83E+02	1.87E+02	pCi/L
8S3 DCSF96-1(335659002) - GW	10-Oct-13	Tritium	9.64E+01	2.62E+02	1.61E+02	pCi/L
8S3 DCSF96-1(322087003) - GW	12-Mar-13	Zinc-65	-8.65E-01	3.45E+00	2.21E+00	pCi/L
8S3 DCSF96-1(325981003) - GW	9-May-13	Zinc-65	-1.58E+00	3.50E+00	2.34E+00	pCi/L
8S3 DCSF96-1(333377003) - GW	5-Sep-13	Zinc-65	1.88E+00	3.66E+00	2.48E+00	pCi/L
8S3 DCSF96-1(335659002) - GW	10-Oct-13	Zinc-65	-6.98E-01	3.36E+00	2.11E+00	pCi/L
8S3 DCSF96-1(322087003) - GW	12-Mar-13	Zirconium-95	2.33E-01	3.11E+00	1.82E+00	pCi/L
8S3 DCSF96-1(325981003) - GW	9-May-13	Zirconium-95	-1.03E+00	3.18E+00	1.98E+00	pCi/L
8S3 DCSF96-1(333377003) - GW	5-Sep-13	Zirconium-95	-1.28E+00	3.01E+00	2.23E+00	pCi/L
8S3 DCSF96-1(335659002) - GW	10-Oct-13	Zirconium-95	-3.01E-01	2.77E+00	1.65E+00	pCi/L

AVA Avila Beach - Sand

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
AVA Avila Beach(320517001) - SD	7-Feb-13	Cesium-134	3.97E+01	7.84E+01	4.43E+01	pCi/kg
AVA Avila Beach(330254005) - SD	23-Jul-13	Cesium-134	-4.05E+00	7.61E+01	4.56E+01	pCi/kg
AVA Avila Beach(320517001) - SD	7-Feb-13	Cesium-137	3.74E+01	6.95E+01	3.89E+01	pCi/kg
AVA Avila Beach(330254005) - SD	23-Jul-13	Cesium-137	1.34E+01	6.54E+01	3.77E+01	pCi/kg
AVA Avila Beach(320517001) - SD	7-Feb-13	Iron-55	1.88E+03	8.33E+03	5.70E+03	pCi/kg
AVA Avila Beach(330254005) - SD	23-Jul-13	Iron-55	-1.87E+03	1.01E+04	7.31E+03	pCi/kg
AVA Avila Beach(320517001) - SD	7-Feb-13	Lead-212	3.51E+02	9.52E+01	1.06E+02	pCi/kg
AVA Avila Beach(320517001) - SD	7-Feb-13	Lead-214	5.13E+02	1.10E+02	1.37E+02	pCi/kg
AVA Avila Beach(320517001) - SD	7-Feb-13	Nickel-63	1.10E+03	2.76E+03	1.71E+03	pCi/kg
AVA Avila Beach(330254005) - SD	23-Jul-13	Nickel-63	1.03E+03	1.45E+03	9.21E+02	pCi/kg
AVA Avila Beach(320517001) - SD	7-Feb-13	Potassium-40	1.16E+04	6.55E+02	1.71E+03	pCi/kg
AVA Avila Beach(330254005) - SD	23-Jul-13	Potassium-40	1.31E+04	5.73E+02	2.10E+03	pCi/kg
AVA Avila Beach(320517001) - SD	7-Feb-13	Total Strontium	-2.05E+02	5.43E+02	3.16E+02	pCi/kg
AVA Avila Beach(330254005) - SD	23-Jul-13	Total Strontium	2.76E+02	3.26E+02	2.15E+02	pCi/kg

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BCM Blanchard Cow Meat

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
BCM Blanchard Cow Meat(320369003) - MT	12-Feb-13	Cesium-134	2.63E-01	3.60E+00	2.10E+00	pCi/kg
BCM Blanchard Cow Meat(326268001) - MT	21-May-13	Cesium-134	1.95E+00	5.29E+00	3.52E+00	pCi/kg
BCM Blanchard Cow Meat(330254002) - MT	23-Jul-13	Cesium-134	-4.34E-01	5.95E+00	3.61E+00	pCi/kg
BCM Blanchard Cow Meat(338357002) - MT	25-Nov-13	Cesium-134	8.20E-01	4.40E+00	2.59E+00	pCi/kg
BCM Blanchard Cow Meat(320369003) - MT	12-Feb-13	Cesium-137	5.77E-01	3.81E+00	2.70E+00	pCi/kg
BCM Blanchard Cow Meat(326268001) - MT	21-May-13	Cesium-137	-4.94E-02	4.50E+00	2.71E+00	pCi/kg
BCM Blanchard Cow Meat(330254002) - MT	23-Jul-13	Cesium-137	3.73E+00	5.29E+00	5.47E+00	pCi/kg
BCM Blanchard Cow Meat(338357002) - MT	25-Nov-13	Cesium-137	-1.74E+00	4.65E+00	3.44E+00	pCi/kg
BCM Blanchard Cow Meat(320369003) - MT	12-Feb-13	Cobalt-58	1.05E+00	3.49E+00	2.04E+00	pCi/kg
BCM Blanchard Cow Meat(326268001) - MT	21-May-13	Cobalt-58	2.14E+00	4.64E+00	2.75E+00	pCi/kg
BCM Blanchard Cow Meat(330254002) - MT	23-Jul-13	Cobalt-58	1.88E+00	5.37E+00	3.52E+00	pCi/kg
BCM Blanchard Cow Meat(338357002) - MT	25-Nov-13	Cobalt-58	-1.54E+00	3.69E+00	2.41E+00	pCi/kg
BCM Blanchard Cow Meat(320369003) - MT	12-Feb-13	Cobalt-60	-3.73E+00	3.82E+00	3.45E+00	pCi/kg
BCM Blanchard Cow Meat(326268001) - MT	21-May-13	Cobalt-60	-1.50E+00	5.00E+00	3.25E+00	pCi/kg
BCM Blanchard Cow Meat(330254002) - MT	23-Jul-13	Cobalt-60	-2.94E+00	5.42E+00	3.71E+00	pCi/kg
BCM Blanchard Cow Meat(338357002) - MT	25-Nov-13	Cobalt-60	2.71E-01	4.49E+00	2.63E+00	pCi/kg
BCM Blanchard Cow Meat(320369003) - MT	12-Feb-13	Iodine-131	7.03E-01	4.00E+00	2.67E+00	pCi/kg
BCM Blanchard Cow Meat(326268001) - MT	21-May-13	Iodine-131	4.69E-03	8.58E+00	5.25E+00	pCi/kg
BCM Blanchard Cow Meat(330254002) - MT	23-Jul-13	Iodine-131	2.55E-01	7.16E+00	4.17E+00	pCi/kg
BCM Blanchard Cow Meat(338357002) - MT	25-Nov-13	Iodine-131	3.32E-01	6.78E+00	4.03E+00	pCi/kg
BCM Blanchard Cow Meat(320369003) - MT	12-Feb-13	Potassium-40	2.54E+03	3.11E+01	2.55E+02	pCi/kg
BCM Blanchard Cow Meat(326268001) - MT	21-May-13	Potassium-40	2.59E+03	3.97E+01	2.61E+02	pCi/kg
BCM Blanchard Cow Meat(330254002) - MT	23-Jul-13	Potassium-40	2.73E+03	4.71E+01	3.01E+02	pCi/kg
BCM Blanchard Cow Meat(338357002) - MT	25-Nov-13	Potassium-40	2.60E+03	3.32E+01	2.60E+02	pCi/kg
BCM Blanchard Cow Meat(320369003) - MT	12-Feb-13	Total Strontium	3.07E+00	2.17E+01	1.31E+01	pCi/kg
BCM Blanchard Cow Meat(326268001) - MT	21-May-13	Total Strontium	2.78E+01	3.11E+01	2.09E+01	pCi/kg
BCM Blanchard Cow Meat(330254002) - MT	23-Jul-13	Total Strontium	-6.15E+01	7.52E+01	4.21E+01	pCi/kg
BCM Blanchard Cow Meat(338357002) - MT	25-Nov-13	Total Strontium	5.80E+00	6.15E+01	3.68E+01	pCi/kg

BGM Blanchard Goat Meat

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
BGM Blanchard Goat Meat(326268002) - MT	21-May-13	Cesium-134	-4.66E-01	3.94E+00	2.34E+00	pCi/kg
BGM Blanchard Goat Meat(330254003) - MT	23-Jul-13	Cesium-134	6.02E+00	6.02E+00	6.86E+00	pCi/kg
BGM Blanchard Goat Meat(338357003) - MT	25-Nov-13	Cesium-134	1.47E+00	4.39E+00	2.57E+00	pCi/kg
BGM Blanchard Goat Meat(326268002) - MT	21-May-13	Cesium-137	3.48E+00	3.48E+00	3.57E+00	pCi/kg
BGM Blanchard Goat Meat(330254003) - MT	23-Jul-13	Cesium-137	2.27E+00	4.88E+00	5.94E+00	pCi/kg
BGM Blanchard Goat Meat(338357003) - MT	25-Nov-13	Cesium-137	8.16E-01	4.04E+00	2.45E+00	pCi/kg
BGM Blanchard Goat Meat(326268002) - MT	21-May-13	Cobalt-58	6.34E-01	3.88E+00	2.24E+00	pCi/kg
BGM Blanchard Goat Meat(330254003) - MT	23-Jul-13	Cobalt-58	-1.10E+00	5.05E+00	3.26E+00	pCi/kg
BGM Blanchard Goat Meat(338357003) - MT	25-Nov-13	Cobalt-58	-1.20E-01	3.98E+00	2.35E+00	pCi/kg
BGM Blanchard Goat Meat(326268002) - MT	21-May-13	Cobalt-60	-1.67E-01	3.94E+00	2.31E+00	pCi/kg
BGM Blanchard Goat Meat(330254003) - MT	23-Jul-13	Cobalt-60	1.61E+00	6.05E+00	3.61E+00	pCi/kg

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BGM Blanchard Goat Meat(338357003) - MT	25-Nov-13	Cobalt-60	-2.45E+00	4.12E+00	2.85E+00	pCi/kg
BGM Blanchard Goat Meat(326268002) - MT	21-May-13	Iodine-131	7.66E-01	7.13E+00	4.12E+00	pCi/kg
BGM Blanchard Goat Meat(330254003) - MT	23-Jul-13	Iodine-131	5.42E-01	7.75E+00	4.62E+00	pCi/kg
BGM Blanchard Goat Meat(338357003) - MT	25-Nov-13	Iodine-131	-2.40E+00	5.99E+00	3.80E+00	pCi/kg
BGM Blanchard Goat Meat(326268002) - MT	21-May-13	Potassium-40	1.92E+03	3.58E+01	2.04E+02	pCi/kg
BGM Blanchard Goat Meat(330254003) - MT	23-Jul-13	Potassium-40	2.88E+03	4.07E+01	2.87E+02	pCi/kg
BGM Blanchard Goat Meat(338357003) - MT	25-Nov-13	Potassium-40	2.86E+03	3.61E+01	2.96E+02	pCi/kg
BGM Blanchard Goat Meat(326268002) - MT	21-May-13	Total Strontium	1.49E+01	2.73E+01	1.74E+01	pCi/kg
BGM Blanchard Goat Meat(330254003) - MT	23-Jul-13	Total Strontium	4.28E-01	1.39E+02	8.27E+01	pCi/kg
BGM Blanchard Goat Meat(338357003) - MT	25-Nov-13	Total Strontium	5.25E+01	5.88E+01	3.92E+01	pCi/kg

BSM Blanchard Sheep Meat

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
BSM Blanchard Sheep Meat(326268003) - MT	21-May-13	Cesium-134	2.37E-01	5.15E+00	3.08E+00	pCi/kg
BSM Blanchard Sheep Meat(330254004) - MT	23-Jul-13	Cesium-134	2.24E+00	5.36E+00	3.18E+00	pCi/kg
BSM Blanchard Sheep Meat(338357004) - MT	25-Nov-13	Cesium-134	1.77E+00	5.72E+00	3.32E+00	pCi/kg
BSM Blanchard Sheep Meat(326268003) - MT	21-May-13	Cesium-137	5.47E-01	4.52E+00	2.67E+00	pCi/kg
BSM Blanchard Sheep Meat(330254004) - MT	23-Jul-13	Cesium-137	1.86E+00	4.35E+00	2.50E+00	pCi/kg
BSM Blanchard Sheep Meat(338357004) - MT	25-Nov-13	Cesium-137	2.03E+00	5.82E+00	4.29E+00	pCi/kg
BSM Blanchard Sheep Meat(326268003) - MT	21-May-13	Cobalt-58	3.49E-01	4.49E+00	2.96E+00	pCi/kg
BSM Blanchard Sheep Meat(330254004) - MT	23-Jul-13	Cobalt-58	-9.55E-01	4.27E+00	2.62E+00	pCi/kg
BSM Blanchard Sheep Meat(338357004) - MT	25-Nov-13	Cobalt-58	1.46E+00	5.50E+00	3.19E+00	pCi/kg
BSM Blanchard Sheep Meat(326268003) - MT	21-May-13	Cobalt-60	5.01E-01	4.50E+00	2.64E+00	pCi/kg
BSM Blanchard Sheep Meat(330254004) - MT	23-Jul-13	Cobalt-60	-1.51E+00	4.94E+00	3.13E+00	pCi/kg
BSM Blanchard Sheep Meat(338357004) - MT	25-Nov-13	Cobalt-60	-3.36E+00	5.66E+00	3.92E+00	pCi/kg
BSM Blanchard Sheep Meat(326268003) - MT	21-May-13	Iodine-131	-1.87E+00	8.79E+00	5.50E+00	pCi/kg
BSM Blanchard Sheep Meat(330254004) - MT	23-Jul-13	Iodine-131	-2.61E+00	6.33E+00	4.18E+00	pCi/kg
BSM Blanchard Sheep Meat(338357004) - MT	25-Nov-13	Iodine-131	-1.92E+00	7.40E+00	4.50E+00	pCi/kg
BSM Blanchard Sheep Meat(326268003) - MT	21-May-13	Potassium-40	2.02E+03	3.29E+01	2.07E+02	pCi/kg
BSM Blanchard Sheep Meat(330254004) - MT	23-Jul-13	Potassium-40	2.50E+03	4.44E+01	2.61E+02	pCi/kg
BSM Blanchard Sheep Meat(338357004) - MT	25-Nov-13	Potassium-40	2.57E+03	4.35E+01	2.85E+02	pCi/kg
BSM Blanchard Sheep Meat(326268003) - MT	21-May-13	Total Strontium	-3.04E+01	6.45E+01	3.71E+01	pCi/kg
BSM Blanchard Sheep Meat(330254004) - MT	23-Jul-13	Total Strontium	-2.20E+01	7.36E+01	4.30E+01	pCi/kg
BSM Blanchard Sheep Meat(338357004) - MT	25-Nov-13	Total Strontium	1.69E+01	2.64E+01	1.70E+01	pCi/kg

CBA Cambria Moonstone Beach - Sand

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
CBA Cambria Moonstone Beach(322245004) - SD	14-Mar-13	Cesium-134	-1.14E+01	4.36E+01	2.71E+01	pCi/kg
CBA Cambria Moonstone Beach(330254009) - SD	23-Jul-13	Cesium-134	1.96E+01	6.04E+01	3.27E+01	pCi/kg
CBA Cambria Moonstone Beach(322245004) - SD	14-Mar-13	Cesium-137	2.54E+01	5.20E+01	2.82E+01	pCi/kg
CBA Cambria Moonstone Beach(330254009) - SD	23-Jul-13	Cesium-137	4.56E+01	4.56E+01	3.56E+01	pCi/kg
CBA Cambria Moonstone Beach(322245004) - SD	14-Mar-13	Iron-55	1.52E+03	9.67E+03	6.72E+03	pCi/kg
CBA Cambria Moonstone Beach(330254009) - SD	23-Jul-13	Iron-55	-7.62E+03	1.10E+04	7.81E+03	pCi/kg
CBA Cambria Moonstone Beach(322245004) - SD	14-Mar-13	Lead-212	2.83E+02	7.33E+01	8.32E+01	pCi/kg
CBA Cambria Moonstone Beach(322245004) - SD	14-Mar-13	Nickel-63	-5.83E+02	2.56E+03	1.50E+03	pCi/kg

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CBA Cambria Moonstone Beach(330254009) - SD	23-Jul-13	Nickel-63	5.61E+02	2.35E+03	1.42E+03	pCi/kg
CBA Cambria Moonstone Beach(322245004) - SD	14-Mar-13	Potassium-40	6.18E+03	2.28E+02	1.09E+03	pCi/kg
CBA Cambria Moonstone Beach(330254009) - SD	23-Jul-13	Potassium-40	5.29E+03	4.18E+02	1.02E+03	pCi/kg
CBA Cambria Moonstone Beach(322245004) - SD	14-Mar-13	Total Strontium	3.32E+02	8.33E+02	5.50E+02	pCi/kg
CBA Cambria Moonstone Beach(330254009) - SD	23-Jul-13	Total Strontium	-2.55E+01	2.41E+02	1.43E+02	pCi/kg

CYA Cayucos Beach - Sand

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
CYA Cayucos Beach(322245003) - SD	14-Mar-13	Actinium-228	4.23E+02	0.00E+00	1.61E+02	pCi/kg
CYA Cayucos Beach(322245003) - SD	14-Mar-13	Cesium-134	-1.14E+01	4.24E+01	2.71E+01	pCi/kg
CYA Cayucos Beach(330254008) - SD	23-Jul-13	Cesium-134	3.49E+00	5.22E+01	2.94E+01	pCi/kg
CYA Cayucos Beach(322245003) - SD	14-Mar-13	Cesium-137	5.11E+00	5.96E+01	3.14E+01	pCi/kg
CYA Cayucos Beach(330254008) - SD	23-Jul-13	Cesium-137	8.28E+00	5.56E+01	2.92E+01	pCi/kg
CYA Cayucos Beach(322245003) - SD	14-Mar-13	Iron-55	2.31E+02	1.11E+04	7.60E+03	pCi/kg
CYA Cayucos Beach(330254008) - SD	23-Jul-13	Iron-55	-7.57E+03	1.17E+04	8.39E+03	pCi/kg
CYA Cayucos Beach(322245003) - SD	14-Mar-13	Lead-212	3.67E+02	7.82E+01	8.51E+01	pCi/kg
CYA Cayucos Beach(322245003) - SD	14-Mar-13	Lead-214	4.18E+02	9.51E+01	1.28E+02	pCi/kg
CYA Cayucos Beach(322245003) - SD	14-Mar-13	Nickel-63	-1.85E+02	3.04E+03	1.80E+03	pCi/kg
CYA Cayucos Beach(330254008) - SD	23-Jul-13	Nickel-63	-1.45E+02	1.43E+03	8.49E+02	pCi/kg
CYA Cayucos Beach(322245003) - SD	14-Mar-13	Potassium-40	6.86E+03	5.16E+02	1.20E+03	pCi/kg
CYA Cayucos Beach(330254008) - SD	23-Jul-13	Potassium-40	7.02E+03	3.95E+02	1.24E+03	pCi/kg
CYA Cayucos Beach(322245003) - SD	14-Mar-13	Total Strontium	-4.57E+02	7.04E+02	3.30E+02	pCi/kg
CYA Cayucos Beach(330254008) - SD	23-Jul-13	Total Strontium	-2.56E+02	3.11E+02	1.76E+02	pCi/kg

DCM Diablo Cove Marine - Aquatic Vegetation Algae

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
DCM Diablo Cove Marine(321754003) - AV Algae	7-Mar-13	Cesium-134	1.95E+00	1.01E+01	6.62E+00	pCi/kg
DCM Diablo Cove Marine(326761005) - AV Algae	28-May-13	Cesium-134	5.13E+00	1.30E+01	7.55E+00	pCi/kg
DCM Diablo Cove Marine(330600005) - AV Algae	25-Jul-13	Cesium-134	-6.93E-01	1.03E+01	6.14E+00	pCi/kg
DCM Diablo Cove Marine(337931010) - AV Algae	14-Nov-13	Cesium-134	6.60E+00	1.30E+01	7.84E+00	pCi/kg
DCM Diablo Cove Marine(321754003) - AV Algae	7-Mar-13	Cesium-137	2.64E-01	1.03E+01	6.24E+00	pCi/kg
DCM Diablo Cove Marine(326761005) - AV Algae	28-May-13	Cesium-137	-7.78E-01	9.43E+00	5.57E+00	pCi/kg
DCM Diablo Cove Marine(330600005) - AV Algae	25-Jul-13	Cesium-137	8.73E+00	1.15E+01	7.40E+00	pCi/kg
DCM Diablo Cove Marine(337931010) - AV Algae	14-Nov-13	Cesium-137	-5.97E+00	1.26E+01	9.43E+00	pCi/kg
DCM Diablo Cove Marine(321754003) - AV Algae	7-Mar-13	Cobalt-58	-3.98E-01	9.22E+00	5.45E+00	pCi/kg
DCM Diablo Cove Marine(326761005) - AV Algae	28-May-13	Cobalt-58	-3.38E+00	1.01E+01	6.49E+00	pCi/kg
DCM Diablo Cove Marine(330600005) - AV Algae	25-Jul-13	Cobalt-58	4.03E+00	1.14E+01	6.60E+00	pCi/kg
DCM Diablo Cove Marine(337931010) - AV Algae	14-Nov-13	Cobalt-58	5.83E+00	1.29E+01	7.74E+00	pCi/kg
DCM Diablo Cove Marine(321754003) - AV Algae	7-Mar-13	Cobalt-60	5.56E+00	1.17E+01	6.80E+00	pCi/kg
DCM Diablo Cove Marine(326761005) - AV Algae	28-May-13	Cobalt-60	-2.20E+00	1.15E+01	8.62E+00	pCi/kg
DCM Diablo Cove Marine(330600005) - AV Algae	25-Jul-13	Cobalt-60	2.11E+00	1.21E+01	6.88E+00	pCi/kg
DCM Diablo Cove Marine(337931010) - AV Algae	14-Nov-13	Cobalt-60	3.77E+00	1.46E+01	8.56E+00	pCi/kg
DCM Diablo Cove Marine(321754003) - AV Algae	7-Mar-13	Potassium-40	3.44E+03	7.80E+01	3.77E+02	pCi/kg
DCM Diablo Cove Marine(326761005) - AV Algae	28-May-13	Potassium-40	4.29E+03	8.19E+01	4.79E+02	pCi/kg
DCM Diablo Cove Marine(330600005) - AV Algae	25-Jul-13	Potassium-40	3.41E+03	9.23E+01	4.14E+02	pCi/kg

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DCM Diablo Cove Marine(337931010) - AV Algae	14-Nov-13	Potassium-40	3.19E+03	1.18E+02	3.93E+02	pCi/kg
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DCM Diablo Cove Marine - Aquatic Vegetation Kelp

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
DCM Diablo Cove Marine(318699001) - AV Kelp	14-Jan-13	Cesium-134	-7.44E+00	1.26E+01	8.70E+00	pCi/kg
DCM Diablo Cove Marine(324567001) - AV Kelp	22-Apr-13	Cesium-134	2.08E+00	1.48E+01	9.19E+00	pCi/kg
DCM Diablo Cove Marine(329744001) - AV Kelp	15-Jul-13	Cesium-134	8.05E-01	1.41E+01	8.49E+00	pCi/kg
DCM Diablo Cove Marine(336217001) - AV Kelp	21-Oct-13	Cesium-134	2.16E+00	1.42E+01	8.22E+00	pCi/kg
DCM Diablo Cove Marine(318699001) - AV Kelp	14-Jan-13	Cesium-137	3.82E+00	1.25E+01	7.20E+00	pCi/kg
DCM Diablo Cove Marine(324567001) - AV Kelp	22-Apr-13	Cesium-137	2.49E+00	1.23E+01	1.20E+01	pCi/kg
DCM Diablo Cove Marine(329744001) - AV Kelp	15-Jul-13	Cesium-137	-5.53E+00	1.28E+01	8.78E+00	pCi/kg
DCM Diablo Cove Marine(336217001) - AV Kelp	21-Oct-13	Cesium-137	4.11E-01	1.34E+01	7.79E+00	pCi/kg
DCM Diablo Cove Marine(318699001) - AV Kelp	14-Jan-13	Cobalt-58	-5.54E+00	1.10E+01	7.40E+00	pCi/kg
DCM Diablo Cove Marine(324567001) - AV Kelp	22-Apr-13	Cobalt-58	1.07E+01	1.07E+01	1.18E+01	pCi/kg
DCM Diablo Cove Marine(329744001) - AV Kelp	15-Jul-13	Cobalt-58	-5.43E+00	1.38E+01	9.13E+00	pCi/kg
DCM Diablo Cove Marine(336217001) - AV Kelp	21-Oct-13	Cobalt-58	2.22E+00	1.39E+01	8.05E+00	pCi/kg
DCM Diablo Cove Marine(318699001) - AV Kelp	14-Jan-13	Cobalt-60	-2.10E+00	1.47E+01	8.86E+00	pCi/kg
DCM Diablo Cove Marine(324567001) - AV Kelp	22-Apr-13	Cobalt-60	1.63E+01	1.63E+01	1.43E+01	pCi/kg
DCM Diablo Cove Marine(329744001) - AV Kelp	15-Jul-13	Cobalt-60	-2.69E-01	1.52E+01	9.20E+00	pCi/kg
DCM Diablo Cove Marine(336217001) - AV Kelp	21-Oct-13	Cobalt-60	5.63E+00	1.65E+01	9.78E+00	pCi/kg
DCM Diablo Cove Marine(318699001) - AV Kelp	14-Jan-13	Potassium-40	1.50E+04	9.88E+01	1.41E+03	pCi/kg
DCM Diablo Cove Marine(324567001) - AV Kelp	22-Apr-13	Potassium-40	1.45E+04	1.11E+02	1.41E+03	pCi/kg
DCM Diablo Cove Marine(329744001) - AV Kelp	15-Jul-13	Potassium-40	1.40E+04	1.03E+02	1.31E+03	pCi/kg
DCM Diablo Cove Marine(336217001) - AV Kelp	21-Oct-13	Potassium-40	1.57E+04	1.00E+02	1.48E+03	pCi/kg

DCM Diablo Cove Marine - Perch Fish

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
DCM Diablo Cove Marine(320362001) - FH Perch	1-Feb-13	Cesium-134	1.62E+00	4.47E+00	2.76E+00	pCi/kg
DCM Diablo Cove Marine(325440001) - FH Perch	3-May-13	Cesium-134	-2.05E-02	4.80E+00	2.87E+00	pCi/kg
DCM Diablo Cove Marine(331364001) - FH Perch	15-Aug-13	Cesium-134	1.70E+00	4.67E+00	2.97E+00	pCi/kg
DCM Diablo Cove Marine(337931001) - FH Perch	13-Nov-13	Cesium-134	3.24E+00	5.54E+00	3.43E+00	pCi/kg
DCM Diablo Cove Marine(320362001) - FH Perch	1-Feb-13	Cesium-137	1.21E+00	4.39E+00	2.94E+00	pCi/kg
DCM Diablo Cove Marine(325440001) - FH Perch	3-May-13	Cesium-137	2.72E+00	4.22E+00	2.60E+00	pCi/kg
DCM Diablo Cove Marine(331364001) - FH Perch	15-Aug-13	Cesium-137	1.02E+00	4.52E+00	2.61E+00	pCi/kg
DCM Diablo Cove Marine(337931001) - FH Perch	13-Nov-13	Cesium-137	1.86E+00	4.95E+00	5.10E+00	pCi/kg
DCM Diablo Cove Marine(320362001) - FH Perch	1-Feb-13	Cobalt-58	-1.20E+00	3.99E+00	2.64E+00	pCi/kg
DCM Diablo Cove Marine(325440001) - FH Perch	3-May-13	Cobalt-58	4.07E-01	4.85E+00	2.88E+00	pCi/kg
DCM Diablo Cove Marine(331364001) - FH Perch	15-Aug-13	Cobalt-58	-7.30E-02	4.44E+00	2.62E+00	pCi/kg
DCM Diablo Cove Marine(337931001) - FH Perch	13-Nov-13	Cobalt-58	5.71E-01	5.05E+00	2.97E+00	pCi/kg
DCM Diablo Cove Marine(320362001) - FH Perch	1-Feb-13	Cobalt-60	3.10E+00	5.17E+00	3.13E+00	pCi/kg
DCM Diablo Cove Marine(325440001) - FH Perch	3-May-13	Cobalt-60	4.28E-01	4.86E+00	2.84E+00	pCi/kg
DCM Diablo Cove Marine(331364001) - FH Perch	15-Aug-13	Cobalt-60	-1.75E+00	4.85E+00	3.21E+00	pCi/kg
DCM Diablo Cove Marine(337931001) - FH Perch	13-Nov-13	Cobalt-60	5.45E+00	5.45E+00	5.18E+00	pCi/kg
DCM Diablo Cove Marine(320362001) - FH Perch	1-Feb-13	Iron-59	7.64E+00	1.02E+01	1.18E+01	pCi/kg
DCM Diablo Cove Marine(325440001) - FH Perch	3-May-13	Iron-59	-4.85E-01	1.25E+01	7.33E+00	pCi/kg

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DCM Diablo Cove Marine(331364001) - FH Perch	15-Aug-13	Iron-59	-1.45E+00	1.06E+01	6.47E+00	pCi/kg
DCM Diablo Cove Marine(337931001) - FH Perch	13-Nov-13	Iron-59	1.48E+00	1.29E+01	7.79E+00	pCi/kg
DCM Diablo Cove Marine(320362001) - FH Perch	1-Feb-13	Manganese-54	1.67E-02	4.19E+00	2.46E+00	pCi/kg
DCM Diablo Cove Marine(325440001) - FH Perch	3-May-13	Manganese-54	3.28E-01	4.26E+00	2.54E+00	pCi/kg
DCM Diablo Cove Marine(331364001) - FH Perch	15-Aug-13	Manganese-54	2.39E-01	4.37E+00	2.56E+00	pCi/kg
DCM Diablo Cove Marine(337931001) - FH Perch	13-Nov-13	Manganese-54	3.42E+00	5.00E+00	3.50E+00	pCi/kg
DCM Diablo Cove Marine(320362001) - FH Perch	1-Feb-13	Potassium-40	3.49E+03	3.62E+01	3.34E+02	pCi/kg
DCM Diablo Cove Marine(325440001) - FH Perch	3-May-13	Potassium-40	3.41E+03	3.56E+01	3.43E+02	pCi/kg
DCM Diablo Cove Marine(331364001) - FH Perch	15-Aug-13	Potassium-40	3.44E+03	3.78E+01	3.34E+02	pCi/kg
DCM Diablo Cove Marine(337931001) - FH Perch	13-Nov-13	Potassium-40	3.38E+03	4.29E+01	3.35E+02	pCi/kg
DCM Diablo Cove Marine(320362001) - FH Perch	1-Feb-13	Zinc-65	-4.47E+00	1.02E+01	6.78E+00	pCi/kg
DCM Diablo Cove Marine(325440001) - FH Perch	3-May-13	Zinc-65	9.54E-01	1.06E+01	6.16E+00	pCi/kg
DCM Diablo Cove Marine(331364001) - FH Perch	15-Aug-13	Zinc-65	-2.62E+00	1.13E+01	7.09E+00	pCi/kg
DCM Diablo Cove Marine(337931001) - FH Perch	13-Nov-13	Zinc-65	-3.69E+00	1.18E+01	7.33E+00	pCi/kg

DCM Diablo Cove Marine - Rockfish

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
DCM Diablo Cove Marine(320362002) - FH Rockfsh	1-Feb-13	Cesium-134	-2.55E-01	5.44E+00	3.25E+00	pCi/kg
DCM Diablo Cove Marine(325440002) - FH Rockfsh	3-May-13	Cesium-134	4.98E+00	1.15E+01	6.94E+00	pCi/kg
DCM Diablo Cove Marine(331364002) - FH Rockfsh	15-Aug-13	Cesium-134	8.62E-01	4.66E+00	3.09E+00	pCi/kg
DCM Diablo Cove Marine(337931002) - FH Rockfsh	13-Nov-13	Cesium-134	-1.74E+00	4.82E+00	3.13E+00	pCi/kg
DCM Diablo Cove Marine(320362002) - FH Rockfsh	1-Feb-13	Cesium-137	1.15E+00	4.81E+00	2.80E+00	pCi/kg
DCM Diablo Cove Marine(325440002) - FH Rockfsh	3-May-13	Cesium-137	-1.73E+00	1.08E+01	8.24E+00	pCi/kg
DCM Diablo Cove Marine(331364002) - FH Rockfsh	15-Aug-13	Cesium-137	4.32E+00	4.32E+00	6.76E+00	pCi/kg
DCM Diablo Cove Marine(337931002) - FH Rockfsh	13-Nov-13	Cesium-137	1.71E+00	5.29E+00	3.16E+00	pCi/kg
DCM Diablo Cove Marine(320362002) - FH Rockfsh	1-Feb-13	Cobalt-58	1.49E+00	5.25E+00	3.09E+00	pCi/kg
DCM Diablo Cove Marine(325440002) - FH Rockfsh	3-May-13	Cobalt-58	-5.73E-01	9.51E+00	5.74E+00	pCi/kg
DCM Diablo Cove Marine(331364002) - FH Rockfsh	15-Aug-13	Cobalt-58	1.86E+00	4.70E+00	2.78E+00	pCi/kg
DCM Diablo Cove Marine(337931002) - FH Rockfsh	13-Nov-13	Cobalt-58	-3.60E+00	4.51E+00	3.41E+00	pCi/kg
DCM Diablo Cove Marine(320362002) - FH Rockfsh	1-Feb-13	Cobalt-60	-1.36E+00	5.53E+00	3.44E+00	pCi/kg
DCM Diablo Cove Marine(325440002) - FH Rockfsh	3-May-13	Cobalt-60	-2.64E-02	1.01E+01	5.96E+00	pCi/kg
DCM Diablo Cove Marine(331364002) - FH Rockfsh	15-Aug-13	Cobalt-60	-1.29E+00	4.69E+00	3.25E+00	pCi/kg
DCM Diablo Cove Marine(337931002) - FH Rockfsh	13-Nov-13	Cobalt-60	1.15E+00	5.14E+00	3.30E+00	pCi/kg
DCM Diablo Cove Marine(320362002) - FH Rockfsh	1-Feb-13	Iron-59	3.27E+00	1.35E+01	9.31E+00	pCi/kg
DCM Diablo Cove Marine(325440002) - FH Rockfsh	3-May-13	Iron-59	4.35E+00	2.21E+01	1.27E+01	pCi/kg
DCM Diablo Cove Marine(331364002) - FH Rockfsh	15-Aug-13	Iron-59	2.24E-02	1.08E+01	6.50E+00	pCi/kg
DCM Diablo Cove Marine(337931002) - FH Rockfsh	13-Nov-13	Iron-59	-2.09E-01	1.27E+01	7.45E+00	pCi/kg
DCM Diablo Cove Marine(320362002) - FH Rockfsh	1-Feb-13	Manganese-54	-2.26E+00	4.35E+00	2.96E+00	pCi/kg
DCM Diablo Cove Marine(325440002) - FH Rockfsh	3-May-13	Manganese-54	-1.55E+00	9.18E+00	5.67E+00	pCi/kg
DCM Diablo Cove Marine(331364002) - FH Rockfsh	15-Aug-13	Manganese-54	-2.23E+00	3.73E+00	2.57E+00	pCi/kg
DCM Diablo Cove Marine(337931002) - FH Rockfsh	13-Nov-13	Manganese-54	-8.72E-01	4.66E+00	2.90E+00	pCi/kg
DCM Diablo Cove Marine(320362002) - FH Rockfsh	1-Feb-13	Potassium-40	3.18E+03	4.55E+01	3.14E+02	pCi/kg
DCM Diablo Cove Marine(325440002) - FH Rockfsh	3-May-13	Potassium-40	3.21E+03	9.45E+01	3.61E+02	pCi/kg
DCM Diablo Cove Marine(331364002) - FH Rockfsh	15-Aug-13	Potassium-40	3.51E+03	3.85E+01	3.43E+02	pCi/kg
DCM Diablo Cove Marine(337931002) - FH Rockfsh	13-Nov-13	Potassium-40	3.52E+03	4.28E+01	3.64E+02	pCi/kg

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DCM Diablo Cove Marine(320362002) - FH Rockfsh	1-Feb-13	Zinc-65	2.82E+00	1.36E+01	8.21E+00	pCi/kg
DCM Diablo Cove Marine(325440002) - FH Rockfsh	3-May-13	Zinc-65	-3.38E+00	2.21E+01	1.32E+01	pCi/kg
DCM Diablo Cove Marine(331364002) - FH Rockfsh	15-Aug-13	Zinc-65	-3.12E+00	1.05E+01	7.80E+00	pCi/kg
DCM Diablo Cove Marine(337931002) - FH Rockfsh	13-Nov-13	Zinc-65	-4.83E+00	1.17E+01	7.51E+00	pCi/kg

DCM Diablo Cove Marine - Intertidal Mussel

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
DCM Diablo Cove Marine(321754001) - IM	7-Mar-13	Cesium-134	-1.67E-01	6.04E+00	4.22E+00	pCi/kg
DCM Diablo Cove Marine(326761001) - IM	28-May-13	Cesium-134	1.45E+00	4.54E+00	2.66E+00	pCi/kg
DCM Diablo Cove Marine(330600002) - IM	25-Jul-13	Cesium-134	2.12E+00	3.95E+00	2.51E+00	pCi/kg
DCM Diablo Cove Marine(337931012) - IM	14-Nov-13	Cesium-134	-4.56E-01	4.16E+00	2.55E+00	pCi/kg
DCM Diablo Cove Marine(321754001) - IM	7-Mar-13	Cesium-137	2.24E+00	6.04E+00	3.58E+00	pCi/kg
DCM Diablo Cove Marine(326761001) - IM	28-May-13	Cesium-137	2.04E-01	3.83E+00	2.21E+00	pCi/kg
DCM Diablo Cove Marine(330600002) - IM	25-Jul-13	Cesium-137	1.67E+00	3.58E+00	2.40E+00	pCi/kg
DCM Diablo Cove Marine(337931012) - IM	14-Nov-13	Cesium-137	9.68E-01	5.15E+00	3.83E+00	pCi/kg
DCM Diablo Cove Marine(321754001) - IM	7-Mar-13	Cobalt-58	3.76E+00	5.85E+00	4.03E+00	pCi/kg
DCM Diablo Cove Marine(326761001) - IM	28-May-13	Cobalt-58	2.10E-01	3.83E+00	2.24E+00	pCi/kg
DCM Diablo Cove Marine(330600002) - IM	25-Jul-13	Cobalt-58	8.93E-01	3.75E+00	2.21E+00	pCi/kg
DCM Diablo Cove Marine(337931012) - IM	14-Nov-13	Cobalt-58	-9.72E-01	4.01E+00	2.54E+00	pCi/kg
DCM Diablo Cove Marine(321754001) - IM	7-Mar-13	Cobalt-60	2.20E+00	6.72E+00	3.96E+00	pCi/kg
DCM Diablo Cove Marine(326761001) - IM	28-May-13	Cobalt-60	-1.06E+00	4.02E+00	2.89E+00	pCi/kg
DCM Diablo Cove Marine(330600002) - IM	25-Jul-13	Cobalt-60	1.07E+00	4.10E+00	2.37E+00	pCi/kg
DCM Diablo Cove Marine(337931012) - IM	14-Nov-13	Cobalt-60	3.64E+00	4.62E+00	3.10E+00	pCi/kg
DCM Diablo Cove Marine(321754001) - IM	7-Mar-13	Iron-59	1.30E+01	1.30E+01	2.22E+01	pCi/kg
DCM Diablo Cove Marine(326761001) - IM	28-May-13	Iron-59	-2.74E+00	8.09E+00	6.05E+00	pCi/kg
DCM Diablo Cove Marine(330600002) - IM	25-Jul-13	Iron-59	-3.67E-02	9.27E+00	6.56E+00	pCi/kg
DCM Diablo Cove Marine(337931012) - IM	14-Nov-13	Iron-59	2.40E+00	9.79E+00	5.73E+00	pCi/kg
DCM Diablo Cove Marine(321754001) - IM	7-Mar-13	Manganese-54	2.07E-01	5.69E+00	3.42E+00	pCi/kg
DCM Diablo Cove Marine(326761001) - IM	28-May-13	Manganese-54	1.01E+00	3.88E+00	2.27E+00	pCi/kg
DCM Diablo Cove Marine(330600002) - IM	25-Jul-13	Manganese-54	1.34E+00	3.58E+00	2.14E+00	pCi/kg
DCM Diablo Cove Marine(337931012) - IM	14-Nov-13	Manganese-54	-1.06E+00	3.82E+00	2.97E+00	pCi/kg
DCM Diablo Cove Marine(321754001) - IM	7-Mar-13	Potassium-40	1.43E+03	5.58E+01	1.71E+02	pCi/kg
DCM Diablo Cove Marine(326761001) - IM	28-May-13	Potassium-40	1.97E+03	3.57E+01	2.08E+02	pCi/kg
DCM Diablo Cove Marine(330600002) - IM	25-Jul-13	Potassium-40	1.48E+03	3.13E+01	1.62E+02	pCi/kg
DCM Diablo Cove Marine(337931012) - IM	14-Nov-13	Potassium-40	1.50E+03	3.67E+01	1.62E+02	pCi/kg
DCM Diablo Cove Marine(321754001) - IM	7-Mar-13	Zinc-65	2.90E+00	1.31E+01	8.76E+00	pCi/kg
DCM Diablo Cove Marine(326761001) - IM	28-May-13	Zinc-65	-1.88E+00	9.40E+00	7.78E+00	pCi/kg
DCM Diablo Cove Marine(330600002) - IM	25-Jul-13	Zinc-65	-1.09E+00	8.53E+00	5.31E+00	pCi/kg
DCM Diablo Cove Marine(337931012) - IM	14-Nov-13	Zinc-65	6.59E+00	9.99E+00	6.96E+00	pCi/kg

DCM Diablo Cove Marine - Ocean Sediment

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
DCM Diablo Cove Marine(320521001) - SD	5-Feb-13	Bismuth-214	6.49E+02	1.20E+02	1.74E+02	pCi/kg
DCM Diablo Cove Marine(320521001) - SD	5-Feb-13	Cesium-134	1.62E+01	8.21E+01	4.54E+01	pCi/kg
DCM Diablo Cove Marine(320521001) - SD	5-Feb-13	Cesium-137	2.94E+01	7.34E+01	4.92E+01	pCi/kg

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DCM Diablo Cove Marine(320521001) - SD	5-Feb-13	Iron-55	-8.86E+02	7.58E+03	5.12E+03	pCi/kg
DCM Diablo Cove Marine(320521001) - SD	5-Feb-13	Lead-212	3.60E+02	8.12E+01	1.05E+02	pCi/kg
DCM Diablo Cove Marine(320521001) - SD	5-Feb-13	Lead-214	6.38E+02	1.03E+02	1.87E+02	pCi/kg
DCM Diablo Cove Marine(320521001) - SD	5-Feb-13	Nickel-63	6.27E+02	2.78E+03	1.70E+03	pCi/kg
DCM Diablo Cove Marine(320521001) - SD	5-Feb-13	Potassium-40	9.92E+03	7.21E+02	1.85E+03	pCi/kg
DCM Diablo Cove Marine(320521001) - SD	5-Feb-13	Total Strontium	5.16E+02	5.56E+02	3.71E+02	pCi/kg

DCM Diablo Cove Marine - Seawater

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
DCM Diablo Cove Marine(318696002) - SW	14-Jan-13	BETA	2.48E+02	9.74E+01	8.03E+01	pCi/L
DCM Diablo Cove Marine(321261001) - SW	26-Feb-13	BETA	2.75E+02	9.89E+01	8.43E+01	pCi/L
DCM Diablo Cove Marine(321757003) - SW	11-Mar-13	BETA	2.59E+02	9.32E+01	7.60E+01	pCi/L
DCM Diablo Cove Marine(324642002) - SW	22-Apr-13	BETA	2.52E+02	1.07E+02	8.53E+01	pCi/L
DCM Diablo Cove Marine(325981007) - SW	13-May-13	BETA	2.03E+02	1.46E+02	9.99E+01	pCi/L
DCM Diablo Cove Marine(328525001) - SW	25-Jun-13	BETA	2.24E+02	1.02E+02	7.93E+01	pCi/L
DCM Diablo Cove Marine(329924002) - SW	15-Jul-13	BETA	2.85E+02	1.81E+02	1.24E+02	pCi/L
DCM Diablo Cove Marine(331998002) - SW	19-Aug-13	BETA	9.95E+01	7.94E+01	5.45E+01	pCi/L
DCM Diablo Cove Marine(333405003) - SW	9-Sep-13	BETA	2.15E+02	9.05E+01	7.15E+01	pCi/L
DCM Diablo Cove Marine(336390002) - SW	21-Oct-13	BETA	2.47E+02	1.24E+02	9.05E+01	pCi/L
DCM Diablo Cove Marine(338116002) - SW	18-Nov-13	BETA	2.34E+02	1.27E+02	9.25E+01	pCi/L
DCM Diablo Cove Marine(339387002) - SW	9-Dec-13	BETA	2.85E+02	9.48E+01	8.53E+01	pCi/L
DCM Diablo Cove Marine(318696002) - SW	14-Jan-13	Barium-140	-1.21E+00	2.13E+00	1.48E+00	pCi/L
DCM Diablo Cove Marine(321261001) - SW	26-Feb-13	Barium-140	-1.42E+00	3.47E+00	2.26E+00	pCi/L
DCM Diablo Cove Marine(321757003) - SW	11-Mar-13	Barium-140	1.11E-01	2.90E+00	1.70E+00	pCi/L
DCM Diablo Cove Marine(324642002) - SW	22-Apr-13	Barium-140	-1.34E+00	2.99E+00	2.01E+00	pCi/L
DCM Diablo Cove Marine(325981007) - SW	13-May-13	Barium-140	-1.22E+00	2.95E+00	1.95E+00	pCi/L
DCM Diablo Cove Marine(328525001) - SW	25-Jun-13	Barium-140	-3.58E+00	3.25E+00	3.11E+00	pCi/L
DCM Diablo Cove Marine(329924002) - SW	15-Jul-13	Barium-140	-9.33E-01	3.00E+00	1.91E+00	pCi/L
DCM Diablo Cove Marine(331998002) - SW	19-Aug-13	Barium-140	1.20E+00	2.93E+00	1.71E+00	pCi/L
DCM Diablo Cove Marine(333405003) - SW	9-Sep-13	Barium-140	2.05E+00	2.98E+00	4.25E+00	pCi/L
DCM Diablo Cove Marine(336390002) - SW	21-Oct-13	Barium-140	7.52E-01	3.17E+00	1.86E+00	pCi/L
DCM Diablo Cove Marine(338116002) - SW	18-Nov-13	Barium-140	1.69E-02	4.37E+00	2.56E+00	pCi/L
DCM Diablo Cove Marine(339387002) - SW	9-Dec-13	Barium-140	8.86E-02	3.01E+00	1.75E+00	pCi/L
DCM Diablo Cove Marine(318696002) - SW	14-Jan-13	Cesium-134	-5.66E-01	1.61E+00	1.01E+00	pCi/L
DCM Diablo Cove Marine(321261001) - SW	26-Feb-13	Cesium-134	2.43E-02	2.27E+00	1.37E+00	pCi/L
DCM Diablo Cove Marine(321757003) - SW	11-Mar-13	Cesium-134	6.33E-01	1.91E+00	1.12E+00	pCi/L
DCM Diablo Cove Marine(324642002) - SW	22-Apr-13	Cesium-134	-1.40E+00	2.04E+00	1.48E+00	pCi/L
DCM Diablo Cove Marine(325981007) - SW	13-May-13	Cesium-134	-2.39E-01	1.88E+00	1.55E+00	pCi/L
DCM Diablo Cove Marine(328525001) - SW	25-Jun-13	Cesium-134	-5.15E-01	1.98E+00	1.23E+00	pCi/L
DCM Diablo Cove Marine(329924002) - SW	15-Jul-13	Cesium-134	-7.20E-01	1.94E+00	1.22E+00	pCi/L
DCM Diablo Cove Marine(331998002) - SW	19-Aug-13	Cesium-134	6.43E-01	1.91E+00	1.53E+00	pCi/L
DCM Diablo Cove Marine(333405003) - SW	9-Sep-13	Cesium-134	-8.56E-01	1.94E+00	1.38E+00	pCi/L
DCM Diablo Cove Marine(336390002) - SW	21-Oct-13	Cesium-134	1.09E-01	1.93E+00	1.32E+00	pCi/L
DCM Diablo Cove Marine(338116002) - SW	18-Nov-13	Cesium-134	3.27E-01	2.22E+00	1.33E+00	pCi/L
DCM Diablo Cove Marine(339387002) - SW	9-Dec-13	Cesium-134	-5.02E-01	1.69E+00	1.26E+00	pCi/L

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DCM Diablo Cove Marine(318696002) - SW	14-Jan-13	Cesium-137	-8.96E-03	1.72E+00	9.98E-01	pCi/L
DCM Diablo Cove Marine(321261001) - SW	26-Feb-13	Cesium-137	-6.94E-02	2.30E+00	2.07E+00	pCi/L
DCM Diablo Cove Marine(321757003) - SW	11-Mar-13	Cesium-137	-4.90E-02	1.74E+00	1.36E+00	pCi/L
DCM Diablo Cove Marine(324642002) - SW	22-Apr-13	Cesium-137	-2.82E-01	1.86E+00	1.13E+00	pCi/L
DCM Diablo Cove Marine(325981007) - SW	13-May-13	Cesium-137	1.69E-01	1.84E+00	1.06E+00	pCi/L
DCM Diablo Cove Marine(328525001) - SW	25-Jun-13	Cesium-137	-2.31E-01	1.73E+00	1.03E+00	pCi/L
DCM Diablo Cove Marine(329924002) - SW	15-Jul-13	Cesium-137	4.15E-01	1.92E+00	1.16E+00	pCi/L
DCM Diablo Cove Marine(331998002) - SW	19-Aug-13	Cesium-137	-5.25E-01	2.23E+00	2.07E+00	pCi/L
DCM Diablo Cove Marine(333405003) - SW	9-Sep-13	Cesium-137	8.14E-01	1.99E+00	1.22E+00	pCi/L
DCM Diablo Cove Marine(336390002) - SW	21-Oct-13	Cesium-137	1.23E+00	1.81E+00	2.11E+00	pCi/L
DCM Diablo Cove Marine(338116002) - SW	18-Nov-13	Cesium-137	2.07E-01	2.30E+00	1.36E+00	pCi/L
DCM Diablo Cove Marine(339387002) - SW	9-Dec-13	Cesium-137	-2.10E-01	2.18E+00	2.06E+00	pCi/L
DCM Diablo Cove Marine(318696002) - SW	14-Jan-13	Cobalt-58	4.34E-01	1.60E+00	1.06E+00	pCi/L
DCM Diablo Cove Marine(321261001) - SW	26-Feb-13	Cobalt-58	8.54E-01	2.25E+00	1.37E+00	pCi/L
DCM Diablo Cove Marine(321757003) - SW	11-Mar-13	Cobalt-58	1.03E+00	1.76E+00	1.08E+00	pCi/L
DCM Diablo Cove Marine(324642002) - SW	22-Apr-13	Cobalt-58	1.88E-02	1.86E+00	1.12E+00	pCi/L
DCM Diablo Cove Marine(325981007) - SW	13-May-13	Cobalt-58	1.80E-01	1.67E+00	9.72E-01	pCi/L
DCM Diablo Cove Marine(328525001) - SW	25-Jun-13	Cobalt-58	-2.30E-01	1.77E+00	1.07E+00	pCi/L
DCM Diablo Cove Marine(329924002) - SW	15-Jul-13	Cobalt-58	3.47E-01	1.92E+00	1.13E+00	pCi/L
DCM Diablo Cove Marine(331998002) - SW	19-Aug-13	Cobalt-58	2.67E-01	1.63E+00	9.76E-01	pCi/L
DCM Diablo Cove Marine(333405003) - SW	9-Sep-13	Cobalt-58	7.02E-01	1.78E+00	1.17E+00	pCi/L
DCM Diablo Cove Marine(336390002) - SW	21-Oct-13	Cobalt-58	-6.88E-02	1.68E+00	1.00E+00	pCi/L
DCM Diablo Cove Marine(338116002) - SW	18-Nov-13	Cobalt-58	-3.14E-01	2.14E+00	1.32E+00	pCi/L
DCM Diablo Cove Marine(339387002) - SW	9-Dec-13	Cobalt-58	-1.57E-02	1.74E+00	1.05E+00	pCi/L
DCM Diablo Cove Marine(318696002) - SW	14-Jan-13	Cobalt-60	8.06E-01	1.84E+00	1.11E+00	pCi/L
DCM Diablo Cove Marine(321261001) - SW	26-Feb-13	Cobalt-60	-9.32E-01	2.26E+00	1.75E+00	pCi/L
DCM Diablo Cove Marine(321757003) - SW	11-Mar-13	Cobalt-60	-1.09E-01	1.65E+00	9.74E-01	pCi/L
DCM Diablo Cove Marine(324642002) - SW	22-Apr-13	Cobalt-60	9.24E-01	2.34E+00	1.39E+00	pCi/L
DCM Diablo Cove Marine(325981007) - SW	13-May-13	Cobalt-60	7.07E-02	1.75E+00	1.06E+00	pCi/L
DCM Diablo Cove Marine(328525001) - SW	25-Jun-13	Cobalt-60	-3.37E-02	2.03E+00	1.19E+00	pCi/L
DCM Diablo Cove Marine(329924002) - SW	15-Jul-13	Cobalt-60	2.72E-01	1.89E+00	1.10E+00	pCi/L
DCM Diablo Cove Marine(331998002) - SW	19-Aug-13	Cobalt-60	-1.20E-01	1.81E+00	1.09E+00	pCi/L
DCM Diablo Cove Marine(333405003) - SW	9-Sep-13	Cobalt-60	1.41E+00	2.12E+00	1.56E+00	pCi/L
DCM Diablo Cove Marine(336390002) - SW	21-Oct-13	Cobalt-60	-1.10E-01	1.76E+00	1.05E+00	pCi/L
DCM Diablo Cove Marine(338116002) - SW	18-Nov-13	Cobalt-60	7.98E-01	2.36E+00	1.40E+00	pCi/L
DCM Diablo Cove Marine(339387002) - SW	9-Dec-13	Cobalt-60	-4.41E-01	1.60E+00	1.02E+00	pCi/L
DCM Diablo Cove Marine(318696002) - SW	14-Jan-13	Iodine-131	-8.23E-01	2.38E+00	1.50E+00	pCi/L
DCM Diablo Cove Marine(321261001) - SW	26-Feb-13	Iodine-131	-7.45E-01	4.11E+00	2.51E+00	pCi/L
DCM Diablo Cove Marine(321757003) - SW	11-Mar-13	Iodine-131	8.15E-01	3.15E+00	1.85E+00	pCi/L
DCM Diablo Cove Marine(324642002) - SW	22-Apr-13	Iodine-131	4.00E-01	3.57E+00	2.12E+00	pCi/L
DCM Diablo Cove Marine(325981007) - SW	13-May-13	Iodine-131	-1.08E-01	3.90E+00	2.33E+00	pCi/L
DCM Diablo Cove Marine(328525001) - SW	25-Jun-13	Iodine-131	2.06E-02	3.87E+00	2.28E+00	pCi/L
DCM Diablo Cove Marine(329924002) - SW	15-Jul-13	Iodine-131	-1.21E+00	3.54E+00	2.20E+00	pCi/L
DCM Diablo Cove Marine(331998002) - SW	19-Aug-13	Iodine-131	-1.44E+00	3.17E+00	2.10E+00	pCi/L
DCM Diablo Cove Marine(333405003) - SW	9-Sep-13	Iodine-131	4.92E-01	3.80E+00	2.23E+00	pCi/L

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DCM Diablo Cove Marine(336390002) - SW	21-Oct-13	Iodine-131	-3.53E+00	3.56E+00	3.33E+00	pCi/L
DCM Diablo Cove Marine(338116002) - SW	18-Nov-13	Iodine-131	8.31E-01	4.69E+00	3.04E+00	pCi/L
DCM Diablo Cove Marine(339387002) - SW	9-Dec-13	Iodine-131	5.43E-01	3.81E+00	2.30E+00	pCi/L
DCM Diablo Cove Marine(318696002) - SW	14-Jan-13	Iron-55	4.86E+01	1.49E+02	1.09E+02	pCi/L
DCM Diablo Cove Marine(321261001) - SW	26-Feb-13	Iron-55	2.35E+01	8.30E+01	5.86E+01	pCi/L
DCM Diablo Cove Marine(321757003) - SW	11-Mar-13	Iron-55	1.02E+01	9.41E+01	6.28E+01	pCi/L
DCM Diablo Cove Marine(324642002) - SW	22-Apr-13	Iron-55	1.91E+00	1.28E+02	9.31E+01	pCi/L
DCM Diablo Cove Marine(325981007) - SW	13-May-13	Iron-55	2.89E-01	1.09E+02	7.45E+01	pCi/L
DCM Diablo Cove Marine(328525001) - SW	25-Jun-13	Iron-55	1.08E+02	1.47E+02	1.09E+02	pCi/L
DCM Diablo Cove Marine(329924002) - SW	15-Jul-13	Iron-55	-3.00E+01	1.06E+02	7.23E+01	pCi/L
DCM Diablo Cove Marine(331998002) - SW	19-Aug-13	Iron-55	-2.55E+01	7.69E+01	5.36E+01	pCi/L
DCM Diablo Cove Marine(333405003) - SW	9-Sep-13	Iron-55	-1.70E+01	8.24E+01	5.58E+01	pCi/L
DCM Diablo Cove Marine(336390002) - SW	21-Oct-13	Iron-55	3.99E+01	7.35E+01	5.38E+01	pCi/L
DCM Diablo Cove Marine(338116002) - SW	18-Nov-13	Iron-55	-4.36E+01	7.38E+01	5.07E+01	pCi/L
DCM Diablo Cove Marine(339387002) - SW	9-Dec-13	Iron-55	-2.82E+01	6.36E+01	4.32E+01	pCi/L
DCM Diablo Cove Marine(318696002) - SW	14-Jan-13	Iron-59	-1.99E-01	3.41E+00	2.06E+00	pCi/L
DCM Diablo Cove Marine(321261001) - SW	26-Feb-13	Iron-59	3.08E+00	5.04E+00	3.15E+00	pCi/L
DCM Diablo Cove Marine(321757003) - SW	11-Mar-13	Iron-59	1.15E+00	3.75E+00	2.24E+00	pCi/L
DCM Diablo Cove Marine(324642002) - SW	22-Apr-13	Iron-59	-5.17E-01	4.08E+00	2.47E+00	pCi/L
DCM Diablo Cove Marine(325981007) - SW	13-May-13	Iron-59	-1.52E+00	3.72E+00	2.46E+00	pCi/L
DCM Diablo Cove Marine(328525001) - SW	25-Jun-13	Iron-59	6.85E-01	4.17E+00	2.48E+00	pCi/L
DCM Diablo Cove Marine(329924002) - SW	15-Jul-13	Iron-59	3.27E-02	3.86E+00	2.33E+00	pCi/L
DCM Diablo Cove Marine(331998002) - SW	19-Aug-13	Iron-59	2.52E+00	3.84E+00	2.68E+00	pCi/L
DCM Diablo Cove Marine(333405003) - SW	9-Sep-13	Iron-59	4.08E-01	3.85E+00	2.28E+00	pCi/L
DCM Diablo Cove Marine(336390002) - SW	21-Oct-13	Iron-59	-4.41E-01	3.75E+00	2.71E+00	pCi/L
DCM Diablo Cove Marine(338116002) - SW	18-Nov-13	Iron-59	3.29E+00	5.02E+00	3.16E+00	pCi/L
DCM Diablo Cove Marine(339387002) - SW	9-Dec-13	Iron-59	-3.68E-01	3.83E+00	2.29E+00	pCi/L
DCM Diablo Cove Marine(318696002) - SW	14-Jan-13	Lanthanum-140	-1.21E+00	2.13E+00	1.48E+00	pCi/L
DCM Diablo Cove Marine(321261001) - SW	26-Feb-13	Lanthanum-140	-1.42E+00	3.47E+00	2.26E+00	pCi/L
DCM Diablo Cove Marine(321757003) - SW	11-Mar-13	Lanthanum-140	1.11E-01	2.90E+00	1.70E+00	pCi/L
DCM Diablo Cove Marine(324642002) - SW	22-Apr-13	Lanthanum-140	-1.34E+00	2.99E+00	2.01E+00	pCi/L
DCM Diablo Cove Marine(325981007) - SW	13-May-13	Lanthanum-140	-1.22E+00	2.95E+00	1.95E+00	pCi/L
DCM Diablo Cove Marine(328525001) - SW	25-Jun-13	Lanthanum-140	-3.58E+00	3.25E+00	3.11E+00	pCi/L
DCM Diablo Cove Marine(329924002) - SW	15-Jul-13	Lanthanum-140	-9.33E-01	3.00E+00	1.91E+00	pCi/L
DCM Diablo Cove Marine(331998002) - SW	19-Aug-13	Lanthanum-140	1.20E+00	2.93E+00	1.71E+00	pCi/L
DCM Diablo Cove Marine(333405003) - SW	9-Sep-13	Lanthanum-140	2.05E+00	2.98E+00	4.25E+00	pCi/L
DCM Diablo Cove Marine(336390002) - SW	21-Oct-13	Lanthanum-140	7.52E-01	3.17E+00	1.86E+00	pCi/L
DCM Diablo Cove Marine(338116002) - SW	18-Nov-13	Lanthanum-140	1.69E-02	4.37E+00	2.56E+00	pCi/L
DCM Diablo Cove Marine(339387002) - SW	9-Dec-13	Lanthanum-140	8.86E-02	3.01E+00	1.75E+00	pCi/L
DCM Diablo Cove Marine(318696002) - SW	14-Jan-13	Manganese-54	-7.98E-02	1.56E+00	9.25E-01	pCi/L
DCM Diablo Cove Marine(321261001) - SW	26-Feb-13	Manganese-54	8.94E-01	2.20E+00	1.52E+00	pCi/L
DCM Diablo Cove Marine(321757003) - SW	11-Mar-13	Manganese-54	-1.99E-01	1.67E+00	9.97E-01	pCi/L
DCM Diablo Cove Marine(324642002) - SW	22-Apr-13	Manganese-54	5.56E-01	1.99E+00	1.19E+00	pCi/L
DCM Diablo Cove Marine(325981007) - SW	13-May-13	Manganese-54	-6.43E-01	1.63E+00	1.20E+00	pCi/L
DCM Diablo Cove Marine(328525001) - SW	25-Jun-13	Manganese-54	6.77E-01	1.91E+00	1.13E+00	pCi/L

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DCM Diablo Cove Marine(329924002) - SW	15-Jul-13	Manganese-54	-9.75E-01	1.69E+00	1.14E+00	pCi/L
DCM Diablo Cove Marine(331998002) - SW	19-Aug-13	Manganese-54	6.43E-02	1.67E+00	1.01E+00	pCi/L
DCM Diablo Cove Marine(333405003) - SW	9-Sep-13	Manganese-54	-2.94E-01	1.80E+00	1.09E+00	pCi/L
DCM Diablo Cove Marine(336390002) - SW	21-Oct-13	Manganese-54	1.11E-01	1.70E+00	1.01E+00	pCi/L
DCM Diablo Cove Marine(338116002) - SW	18-Nov-13	Manganese-54	-1.66E+00	1.90E+00	1.48E+00	pCi/L
DCM Diablo Cove Marine(339387002) - SW	9-Dec-13	Manganese-54	-2.01E-02	1.63E+00	1.15E+00	pCi/L
DCM Diablo Cove Marine(318696002) - SW	14-Jan-13	Nickel-63	2.20E+01	3.24E+01	2.00E+01	pCi/L
DCM Diablo Cove Marine(321261001) - SW	26-Feb-13	Nickel-63	5.13E+00	2.97E+01	1.78E+01	pCi/L
DCM Diablo Cove Marine(321757003) - SW	11-Mar-13	Nickel-63	1.40E+01	2.47E+01	1.51E+01	pCi/L
DCM Diablo Cove Marine(324642002) - SW	22-Apr-13	Nickel-63	-8.85E+00	3.70E+01	2.19E+01	pCi/L
DCM Diablo Cove Marine(325981007) - SW	13-May-13	Nickel-63	-1.55E+01	3.73E+01	2.18E+01	pCi/L
DCM Diablo Cove Marine(328525001) - SW	25-Jun-13	Nickel-63	2.99E+00	3.40E+01	2.03E+01	pCi/L
DCM Diablo Cove Marine(329924002) - SW	15-Jul-13	Nickel-63	1.86E+01	3.50E+01	2.15E+01	pCi/L
DCM Diablo Cove Marine(331998002) - SW	19-Aug-13	Nickel-63	1.35E+01	3.17E+01	1.95E+01	pCi/L
DCM Diablo Cove Marine(333405003) - SW	9-Sep-13	Nickel-63	-1.27E+01	3.34E+01	1.94E+01	pCi/L
DCM Diablo Cove Marine(336390002) - SW	21-Oct-13	Nickel-63	2.51E+01	2.85E+01	1.81E+01	pCi/L
DCM Diablo Cove Marine(338116002) - SW	18-Nov-13	Nickel-63	-1.46E+01	3.70E+01	2.17E+01	pCi/L
DCM Diablo Cove Marine(339387002) - SW	9-Dec-13	Nickel-63	-8.77E+00	3.69E+01	2.16E+01	pCi/L
DCM Diablo Cove Marine(318696002) - SW	14-Jan-13	Niobium-95	4.03E-01	1.68E+00	9.79E-01	pCi/L
DCM Diablo Cove Marine(321261001) - SW	26-Feb-13	Niobium-95	1.21E+00	2.01E+00	1.91E+00	pCi/L
DCM Diablo Cove Marine(321757003) - SW	11-Mar-13	Niobium-95	2.21E-01	1.70E+00	1.70E+00	pCi/L
DCM Diablo Cove Marine(324642002) - SW	22-Apr-13	Niobium-95	-1.74E-02	1.97E+00	1.18E+00	pCi/L
DCM Diablo Cove Marine(325981007) - SW	13-May-13	Niobium-95	8.03E-02	1.77E+00	1.03E+00	pCi/L
DCM Diablo Cove Marine(328525001) - SW	25-Jun-13	Niobium-95	-3.14E-01	1.81E+00	1.09E+00	pCi/L
DCM Diablo Cove Marine(329924002) - SW	15-Jul-13	Niobium-95	1.98E+00	1.98E+00	2.36E+00	pCi/L
DCM Diablo Cove Marine(331998002) - SW	19-Aug-13	Niobium-95	-2.94E-02	1.76E+00	1.06E+00	pCi/L
DCM Diablo Cove Marine(333405003) - SW	9-Sep-13	Niobium-95	1.65E-01	1.91E+00	1.17E+00	pCi/L
DCM Diablo Cove Marine(336390002) - SW	21-Oct-13	Niobium-95	9.56E-01	1.87E+00	1.19E+00	pCi/L
DCM Diablo Cove Marine(338116002) - SW	18-Nov-13	Niobium-95	1.04E+00	2.26E+00	1.55E+00	pCi/L
DCM Diablo Cove Marine(339387002) - SW	9-Dec-13	Niobium-95	1.07E+00	1.72E+00	1.81E+00	pCi/L
DCM Diablo Cove Marine(318696002) - SW	14-Jan-13	Potassium-40	3.28E+02	1.59E+01	4.42E+01	pCi/L
DCM Diablo Cove Marine(321261001) - SW	26-Feb-13	Potassium-40	3.41E+02	1.68E+01	4.92E+01	pCi/L
DCM Diablo Cove Marine(321757003) - SW	11-Mar-13	Potassium-40	3.46E+02	1.75E+01	4.80E+01	pCi/L
DCM Diablo Cove Marine(324642002) - SW	22-Apr-13	Potassium-40	3.86E+02	2.07E+01	5.19E+01	pCi/L
DCM Diablo Cove Marine(325981007) - SW	13-May-13	Potassium-40	3.28E+02	1.80E+01	4.82E+01	pCi/L
DCM Diablo Cove Marine(328525001) - SW	25-Jun-13	Potassium-40	3.33E+02	1.89E+01	4.89E+01	pCi/L
DCM Diablo Cove Marine(329924002) - SW	15-Jul-13	Potassium-40	3.65E+02	1.52E+01	4.74E+01	pCi/L
DCM Diablo Cove Marine(331998002) - SW	19-Aug-13	Potassium-40	3.32E+02	1.91E+01	4.38E+01	pCi/L
DCM Diablo Cove Marine(333405003) - SW	9-Sep-13	Potassium-40	3.68E+02	1.83E+01	5.18E+01	pCi/L
DCM Diablo Cove Marine(336390002) - SW	21-Oct-13	Potassium-40	3.44E+02	1.94E+01	4.68E+01	pCi/L
DCM Diablo Cove Marine(338116002) - SW	18-Nov-13	Potassium-40	4.25E+02	2.20E+01	5.26E+01	pCi/L
DCM Diablo Cove Marine(339387002) - SW	9-Dec-13	Potassium-40	3.50E+02	1.59E+01	4.52E+01	pCi/L
DCM Diablo Cove Marine(318696002) - SW	14-Jan-13	Total Strontium	-1.31E+00	2.34E+00	1.33E+00	pCi/L
DCM Diablo Cove Marine(321261001) - SW	26-Feb-13	Total Strontium	-1.93E+00	5.71E+00	3.34E+00	pCi/L
DCM Diablo Cove Marine(321757003) - SW	11-Mar-13	Total Strontium	-8.92E-01	2.65E+00	1.53E+00	pCi/L

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DCM Diablo Cove Marine(324642002) - SW	22-Apr-13	Total Strontium	-8.40E-01	2.03E+00	1.17E+00	pCi/L
DCM Diablo Cove Marine(325981007) - SW	13-May-13	Total Strontium	-2.19E+00	3.61E+00	2.09E+00	pCi/L
DCM Diablo Cove Marine(328525001) - SW	25-Jun-13	Total Strontium	-1.20E+00	2.48E+00	1.41E+00	pCi/L
DCM Diablo Cove Marine(329924002) - SW	15-Jul-13	Total Strontium	-1.48E+00	3.38E+00	1.96E+00	pCi/L
DCM Diablo Cove Marine(331998002) - SW	19-Aug-13	Total Strontium	1.21E+00	2.24E+00	1.40E+00	pCi/L
DCM Diablo Cove Marine(333405003) - SW	9-Sep-13	Total Strontium	-1.67E-02	2.72E+00	1.62E+00	pCi/L
DCM Diablo Cove Marine(336390002) - SW	21-Oct-13	Total Strontium	2.53E+00	2.59E+00	1.73E+00	pCi/L
DCM Diablo Cove Marine(338116002) - SW	18-Nov-13	Total Strontium	-1.30E+00	2.31E+00	1.31E+00	pCi/L
DCM Diablo Cove Marine(339387002) - SW	9-Dec-13	Total Strontium	-1.54E+00	2.01E+00	1.13E+00	pCi/L
DCM Diablo Cove Marine(318696002) - SW	14-Jan-13	Tritium	1.56E+02	2.46E+02	1.57E+02	pCi/L
DCM Diablo Cove Marine(321261001) - SW	26-Feb-13	Tritium	0.00E+00	2.34E+02	1.40E+02	pCi/L
DCM Diablo Cove Marine(321757003) - SW	11-Mar-13	Tritium	1.62E+02	2.32E+02	1.49E+02	pCi/L
DCM Diablo Cove Marine(324642002) - SW	22-Apr-13	Tritium	-9.44E+01	2.46E+02	1.42E+02	pCi/L
DCM Diablo Cove Marine(325981007) - SW	13-May-13	Tritium	5.97E+01	2.08E+02	1.28E+02	pCi/L
DCM Diablo Cove Marine(328525001) - SW	25-Jun-13	Tritium	-1.46E+02	2.22E+02	1.25E+02	pCi/L
DCM Diablo Cove Marine(329924002) - SW	15-Jul-13	Tritium	1.26E+02	2.48E+02	1.56E+02	pCi/L
DCM Diablo Cove Marine(331998002) - SW	19-Aug-13	Tritium	0.00E+00	2.34E+02	1.40E+02	pCi/L
DCM Diablo Cove Marine(333405003) - SW	9-Sep-13	Tritium	1.60E+02	2.79E+02	1.76E+02	pCi/L
DCM Diablo Cove Marine(336390002) - SW	21-Oct-13	Tritium	-8.09E+00	2.52E+02	1.50E+02	pCi/L
DCM Diablo Cove Marine(338116002) - SW	18-Nov-13	Tritium	-1.20E+01	2.51E+02	1.49E+02	pCi/L
DCM Diablo Cove Marine(339387002) - SW	9-Dec-13	Tritium	9.87E+01	2.36E+02	1.46E+02	pCi/L
DCM Diablo Cove Marine(318696002) - SW	14-Jan-13	Zinc-65	6.99E-02	3.22E+00	1.93E+00	pCi/L
DCM Diablo Cove Marine(321261001) - SW	26-Feb-13	Zinc-65	1.42E+00	4.97E+00	3.37E+00	pCi/L
DCM Diablo Cove Marine(321757003) - SW	11-Mar-13	Zinc-65	-4.36E-01	3.50E+00	2.50E+00	pCi/L
DCM Diablo Cove Marine(324642002) - SW	22-Apr-13	Zinc-65	2.93E-01	4.65E+00	2.74E+00	pCi/L
DCM Diablo Cove Marine(325981007) - SW	13-May-13	Zinc-65	-2.41E+00	3.74E+00	2.67E+00	pCi/L
DCM Diablo Cove Marine(328525001) - SW	25-Jun-13	Zinc-65	2.28E+00	4.76E+00	3.68E+00	pCi/L
DCM Diablo Cove Marine(329924002) - SW	15-Jul-13	Zinc-65	-2.48E+00	3.86E+00	2.74E+00	pCi/L
DCM Diablo Cove Marine(331998002) - SW	19-Aug-13	Zinc-65	-1.91E+00	3.66E+00	2.46E+00	pCi/L
DCM Diablo Cove Marine(333405003) - SW	9-Sep-13	Zinc-65	4.05E-01	3.88E+00	2.66E+00	pCi/L
DCM Diablo Cove Marine(336390002) - SW	21-Oct-13	Zinc-65	-3.64E+00	3.77E+00	3.73E+00	pCi/L
DCM Diablo Cove Marine(338116002) - SW	18-Nov-13	Zinc-65	3.69E+00	5.29E+00	3.33E+00	pCi/L
DCM Diablo Cove Marine(339387002) - SW	9-Dec-13	Zinc-65	-1.02E+00	3.41E+00	2.14E+00	pCi/L
DCM Diablo Cove Marine(318696002) - SW	14-Jan-13	Zirconium-95	1.26E+00	2.97E+00	1.76E+00	pCi/L
DCM Diablo Cove Marine(321261001) - SW	26-Feb-13	Zirconium-95	1.48E+00	4.24E+00	2.56E+00	pCi/L
DCM Diablo Cove Marine(321757003) - SW	11-Mar-13	Zirconium-95	1.73E+00	3.04E+00	1.85E+00	pCi/L
DCM Diablo Cove Marine(324642002) - SW	22-Apr-13	Zirconium-95	-4.27E-01	3.23E+00	1.98E+00	pCi/L
DCM Diablo Cove Marine(325981007) - SW	13-May-13	Zirconium-95	1.70E-01	3.32E+00	1.94E+00	pCi/L
DCM Diablo Cove Marine(328525001) - SW	25-Jun-13	Zirconium-95	7.53E-01	3.42E+00	1.98E+00	pCi/L
DCM Diablo Cove Marine(329924002) - SW	15-Jul-13	Zirconium-95	9.44E-02	3.17E+00	2.77E+00	pCi/L
DCM Diablo Cove Marine(331998002) - SW	19-Aug-13	Zirconium-95	-9.38E-01	2.91E+00	1.86E+00	pCi/L
DCM Diablo Cove Marine(333405003) - SW	9-Sep-13	Zirconium-95	-6.40E-01	3.27E+00	1.98E+00	pCi/L
DCM Diablo Cove Marine(336390002) - SW	21-Oct-13	Zirconium-95	1.76E-01	2.97E+00	1.75E+00	pCi/L
DCM Diablo Cove Marine(338116002) - SW	18-Nov-13	Zirconium-95	4.10E-01	4.01E+00	2.39E+00	pCi/L
DCM Diablo Cove Marine(339387002) - SW	9-Dec-13	Zirconium-95	-1.07E+00	2.94E+00	1.90E+00	pCi/L

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DW1 Drinking Water

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
DW1 Drinking Water(319086002) - DW	23-Jan-13	BETA	1.10E+00	1.59E+00	1.02E+00	pCi/L
DW1 Drinking Water(320441002) - DW	13-Feb-13	BETA	-5.94E-01	1.77E+00	1.03E+00	pCi/L
DW1 Drinking Water(321580003) - DW	6-Mar-13	BETA	1.26E+00	1.49E+00	9.65E-01	pCi/L
DW1 Drinking Water(323664001) - DW	9-Apr-13	BETA	1.20E+00	2.42E+00	1.49E+00	pCi/L
DW1 Drinking Water(325438003) - DW	7-May-13	BETA	9.67E-01	1.77E+00	1.10E+00	pCi/L
DW1 Drinking Water(327464002) - DW	10-Jun-13	BETA	1.59E+00	2.30E+00	1.44E+00	pCi/L
DW1 Drinking Water(329316002) - DW	9-Jul-13	BETA	8.40E-02	2.12E+00	1.26E+00	pCi/L
DW1 Drinking Water(331170002) - DW	6-Aug-13	BETA	-7.39E-01	2.19E+00	1.29E+00	pCi/L
DW1 Drinking Water(332974002) - DW	4-Sep-13	BETA	4.25E-02	1.35E+00	8.10E-01	pCi/L
DW1 Drinking Water(336220002) - DW	22-Oct-13	BETA	8.52E-01	1.78E+00	1.10E+00	pCi/L
DW1 Drinking Water(337039002) - DW	5-Nov-13	BETA	9.46E-01	1.74E+00	1.08E+00	pCi/L
DW1 Drinking Water(339164002) - DW	10-Dec-13	BETA	1.12E+00	1.43E+00	9.18E-01	pCi/L
DW1 Drinking Water(319086002) - DW	23-Jan-13	Barium-140	-1.33E+00	2.67E+00	1.83E+00	pCi/L
DW1 Drinking Water(320441002) - DW	13-Feb-13	Barium-140	-5.37E-01	2.01E+00	1.29E+00	pCi/L
DW1 Drinking Water(321580003) - DW	6-Mar-13	Barium-140	1.64E+00	2.25E+00	1.43E+00	pCi/L
DW1 Drinking Water(323664001) - DW	9-Apr-13	Barium-140	1.67E-01	2.72E+00	1.59E+00	pCi/L
DW1 Drinking Water(325438003) - DW	7-May-13	Barium-140	-8.42E-01	2.38E+00	1.51E+00	pCi/L
DW1 Drinking Water(327464002) - DW	10-Jun-13	Barium-140	3.46E-01	2.23E+00	1.51E+00	pCi/L
DW1 Drinking Water(329316002) - DW	9-Jul-13	Barium-140	-1.97E+00	3.69E+00	2.98E+00	pCi/L
DW1 Drinking Water(331170002) - DW	6-Aug-13	Barium-140	-2.66E-01	2.52E+00	1.55E+00	pCi/L
DW1 Drinking Water(332974002) - DW	4-Sep-13	Barium-140	-4.96E-01	2.39E+00	1.46E+00	pCi/L
DW1 Drinking Water(336220002) - DW	22-Oct-13	Barium-140	9.84E-01	3.44E+00	1.99E+00	pCi/L
DW1 Drinking Water(337039002) - DW	5-Nov-13	Barium-140	2.49E-01	3.19E+00	1.88E+00	pCi/L
DW1 Drinking Water(339164002) - DW	10-Dec-13	Barium-140	5.42E-01	3.11E+00	1.80E+00	pCi/L
DW1 Drinking Water(319086002) - DW	23-Jan-13	Cesium-134	-4.35E-01	1.87E+00	1.18E+00	pCi/L
DW1 Drinking Water(320441002) - DW	13-Feb-13	Cesium-134	6.19E-01	1.88E+00	1.11E+00	pCi/L
DW1 Drinking Water(321580003) - DW	6-Mar-13	Cesium-134	-4.64E-01	1.65E+00	1.02E+00	pCi/L
DW1 Drinking Water(323664001) - DW	9-Apr-13	Cesium-134	1.21E-01	1.98E+00	1.16E+00	pCi/L
DW1 Drinking Water(325438003) - DW	7-May-13	Cesium-134	1.42E+00	1.73E+00	1.30E+00	pCi/L
DW1 Drinking Water(327464002) - DW	10-Jun-13	Cesium-134	9.16E-01	1.75E+00	1.07E+00	pCi/L
DW1 Drinking Water(329316002) - DW	9-Jul-13	Cesium-134	5.76E-01	1.89E+00	1.10E+00	pCi/L
DW1 Drinking Water(331170002) - DW	6-Aug-13	Cesium-134	5.69E-01	2.26E+00	1.32E+00	pCi/L
DW1 Drinking Water(332974002) - DW	4-Sep-13	Cesium-134	6.94E-01	1.73E+00	1.18E+00	pCi/L
DW1 Drinking Water(336220002) - DW	22-Oct-13	Cesium-134	-6.69E-02	2.31E+00	1.36E+00	pCi/L
DW1 Drinking Water(337039002) - DW	5-Nov-13	Cesium-134	-7.70E-01	1.85E+00	1.18E+00	pCi/L
DW1 Drinking Water(339164002) - DW	10-Dec-13	Cesium-134	-8.60E-02	1.73E+00	1.05E+00	pCi/L
DW1 Drinking Water(319086002) - DW	23-Jan-13	Cesium-137	-5.73E-01	1.76E+00	1.09E+00	pCi/L
DW1 Drinking Water(320441002) - DW	13-Feb-13	Cesium-137	-9.81E-01	2.19E+00	2.03E+00	pCi/L
DW1 Drinking Water(321580003) - DW	6-Mar-13	Cesium-137	-4.81E-01	1.68E+00	1.48E+00	pCi/L
DW1 Drinking Water(323664001) - DW	9-Apr-13	Cesium-137	1.35E+00	1.96E+00	1.23E+00	pCi/L
DW1 Drinking Water(325438003) - DW	7-May-13	Cesium-137	6.73E-01	1.71E+00	1.05E+00	pCi/L
DW1 Drinking Water(327464002) - DW	10-Jun-13	Cesium-137	2.56E-03	1.62E+00	9.57E-01	pCi/L

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DW1 Drinking Water(329316002) - DW	9-Jul-13	Cesium-137	5.00E-01	1.53E+00	1.28E+00	pCi/L
DW1 Drinking Water(331170002) - DW	6-Aug-13	Cesium-137	1.16E+00	2.15E+00	1.34E+00	pCi/L
DW1 Drinking Water(332974002) - DW	4-Sep-13	Cesium-137	-1.53E+00	2.24E+00	2.16E+00	pCi/L
DW1 Drinking Water(336220002) - DW	22-Oct-13	Cesium-137	-7.83E-02	2.30E+00	1.41E+00	pCi/L
DW1 Drinking Water(337039002) - DW	5-Nov-13	Cesium-137	6.47E-01	1.99E+00	1.20E+00	pCi/L
DW1 Drinking Water(339164002) - DW	10-Dec-13	Cesium-137	1.08E-01	1.75E+00	2.27E+00	pCi/L
DW1 Drinking Water(319086002) - DW	23-Jan-13	Cobalt-58	2.73E-01	1.80E+00	1.05E+00	pCi/L
DW1 Drinking Water(320441002) - DW	13-Feb-13	Cobalt-58	-3.46E-01	1.59E+00	1.13E+00	pCi/L
DW1 Drinking Water(321580003) - DW	6-Mar-13	Cobalt-58	-5.58E-01	1.42E+00	9.09E-01	pCi/L
DW1 Drinking Water(323664001) - DW	9-Apr-13	Cobalt-58	-1.52E-01	1.64E+00	9.80E-01	pCi/L
DW1 Drinking Water(325438003) - DW	7-May-13	Cobalt-58	6.56E-01	1.66E+00	1.13E+00	pCi/L
DW1 Drinking Water(327464002) - DW	10-Jun-13	Cobalt-58	8.85E-01	1.67E+00	1.03E+00	pCi/L
DW1 Drinking Water(329316002) - DW	9-Jul-13	Cobalt-58	-3.79E-01	1.74E+00	1.06E+00	pCi/L
DW1 Drinking Water(331170002) - DW	6-Aug-13	Cobalt-58	-2.43E-01	1.79E+00	1.07E+00	pCi/L
DW1 Drinking Water(332974002) - DW	4-Sep-13	Cobalt-58	-2.63E-01	1.59E+00	1.02E+00	pCi/L
DW1 Drinking Water(336220002) - DW	22-Oct-13	Cobalt-58	-2.41E-01	2.09E+00	1.44E+00	pCi/L
DW1 Drinking Water(337039002) - DW	5-Nov-13	Cobalt-58	4.89E-01	1.89E+00	1.10E+00	pCi/L
DW1 Drinking Water(339164002) - DW	10-Dec-13	Cobalt-58	3.97E-01	1.60E+00	9.56E-01	pCi/L
DW1 Drinking Water(319086002) - DW	23-Jan-13	Cobalt-60	-5.05E-01	2.02E+00	1.25E+00	pCi/L
DW1 Drinking Water(320441002) - DW	13-Feb-13	Cobalt-60	2.96E-01	1.85E+00	1.08E+00	pCi/L
DW1 Drinking Water(321580003) - DW	6-Mar-13	Cobalt-60	1.72E-01	1.49E+00	8.90E-01	pCi/L
DW1 Drinking Water(323664001) - DW	9-Apr-13	Cobalt-60	7.24E-01	1.98E+00	1.14E+00	pCi/L
DW1 Drinking Water(325438003) - DW	7-May-13	Cobalt-60	5.00E-01	1.69E+00	1.00E+00	pCi/L
DW1 Drinking Water(327464002) - DW	10-Jun-13	Cobalt-60	-9.18E-01	1.60E+00	1.34E+00	pCi/L
DW1 Drinking Water(329316002) - DW	9-Jul-13	Cobalt-60	-1.23E-01	1.65E+00	1.14E+00	pCi/L
DW1 Drinking Water(331170002) - DW	6-Aug-13	Cobalt-60	-4.79E-02	2.16E+00	1.28E+00	pCi/L
DW1 Drinking Water(332974002) - DW	4-Sep-13	Cobalt-60	-6.60E-01	1.53E+00	1.02E+00	pCi/L
DW1 Drinking Water(336220002) - DW	22-Oct-13	Cobalt-60	1.62E-01	2.54E+00	1.54E+00	pCi/L
DW1 Drinking Water(337039002) - DW	5-Nov-13	Cobalt-60	2.99E-01	1.98E+00	1.14E+00	pCi/L
DW1 Drinking Water(339164002) - DW	10-Dec-13	Cobalt-60	1.06E+00	1.79E+00	1.10E+00	pCi/L
DW1 Drinking Water(319086002) - DW	23-Jan-13	Iodine-131	1.91E-01	6.40E-01	3.74E-01	pCi/L
DW1 Drinking Water(320441002) - DW	13-Feb-13	Iodine-131	-3.83E-03	4.46E-01	2.60E-01	pCi/L
DW1 Drinking Water(321580003) - DW	6-Mar-13	Iodine-131	1.60E-02	5.52E-01	3.25E-01	pCi/L
DW1 Drinking Water(323664001) - DW	9-Apr-13	Iodine-131	-7.88E-02	3.85E-01	2.30E-01	pCi/L
DW1 Drinking Water(325438003) - DW	7-May-13	Iodine-131	1.19E-02	5.25E-01	3.08E-01	pCi/L
DW1 Drinking Water(327464002) - DW	10-Jun-13	Iodine-131	8.19E-02	5.36E-01	3.12E-01	pCi/L
DW1 Drinking Water(329316002) - DW	9-Jul-13	Iodine-131	-5.43E-01	9.13E-01	6.08E-01	pCi/L
DW1 Drinking Water(331170002) - DW	6-Aug-13	Iodine-131	-2.86E-01	5.81E-01	3.82E-01	pCi/L
DW1 Drinking Water(332974002) - DW	4-Sep-13	Iodine-131	-1.55E-01	8.13E-01	6.60E-01	pCi/L
DW1 Drinking Water(336220002) - DW	22-Oct-13	Iodine-131	1.86E-02	5.14E-01	2.98E-01	pCi/L
DW1 Drinking Water(337039002) - DW	5-Nov-13	Iodine-131	7.73E-02	5.00E-01	2.90E-01	pCi/L
DW1 Drinking Water(339164002) - DW	10-Dec-13	Iodine-131	4.17E-01	6.18E-01	3.90E-01	pCi/L
DW1 Drinking Water(319086002) - DW	23-Jan-13	Iron-55	3.70E+01	1.47E+02	1.06E+02	pCi/L
DW1 Drinking Water(320441002) - DW	13-Feb-13	Iron-55	-2.74E+01	9.18E+01	6.18E+01	pCi/L
DW1 Drinking Water(321580003) - DW	6-Mar-13	Iron-55	-2.09E+01	1.18E+02	7.88E+01	pCi/L

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DW1 Drinking Water(323664001) - DW	9-Apr-13	Iron-55	3.36E+01	1.60E+02	1.17E+02	pCi/L
DW1 Drinking Water(325438003) - DW	7-May-13	Iron-55	6.06E+01	1.18E+02	8.54E+01	pCi/L
DW1 Drinking Water(327464002) - DW	10-Jun-13	Iron-55	-1.44E+00	7.34E+01	5.23E+01	pCi/L
DW1 Drinking Water(329316002) - DW	9-Jul-13	Iron-55	-6.01E+01	1.06E+02	6.98E+01	pCi/L
DW1 Drinking Water(331170002) - DW	6-Aug-13	Iron-55	-3.45E+01	1.76E+02	1.23E+02	pCi/L
DW1 Drinking Water(332974002) - DW	4-Sep-13	Iron-55	-5.02E+01	1.40E+02	1.07E+02	pCi/L
DW1 Drinking Water(336220002) - DW	22-Oct-13	Iron-55	4.11E+00	7.32E+01	5.14E+01	pCi/L
DW1 Drinking Water(337039002) - DW	5-Nov-13	Iron-55	2.97E+01	7.59E+01	5.50E+01	pCi/L
DW1 Drinking Water(339164002) - DW	10-Dec-13	Iron-55	-3.83E+01	6.28E+01	4.12E+01	pCi/L
DW1 Drinking Water(319086002) - DW	23-Jan-13	Iron-59	-1.40E+00	3.42E+00	2.29E+00	pCi/L
DW1 Drinking Water(320441002) - DW	13-Feb-13	Iron-59	-8.14E-01	2.98E+00	1.92E+00	pCi/L
DW1 Drinking Water(321580003) - DW	6-Mar-13	Iron-59	-4.27E-01	2.76E+00	1.75E+00	pCi/L
DW1 Drinking Water(323664001) - DW	9-Apr-13	Iron-59	1.54E+00	3.48E+00	2.26E+00	pCi/L
DW1 Drinking Water(325438003) - DW	7-May-13	Iron-59	2.67E+00	3.39E+00	3.76E+00	pCi/L
DW1 Drinking Water(327464002) - DW	10-Jun-13	Iron-59	2.75E+00	3.39E+00	2.27E+00	pCi/L
DW1 Drinking Water(329316002) - DW	9-Jul-13	Iron-59	-3.70E-01	3.74E+00	2.29E+00	pCi/L
DW1 Drinking Water(331170002) - DW	6-Aug-13	Iron-59	7.78E-01	4.12E+00	2.85E+00	pCi/L
DW1 Drinking Water(332974002) - DW	4-Sep-13	Iron-59	2.20E-01	3.08E+00	1.80E+00	pCi/L
DW1 Drinking Water(336220002) - DW	22-Oct-13	Iron-59	4.34E+00	5.06E+00	5.87E+00	pCi/L
DW1 Drinking Water(337039002) - DW	5-Nov-13	Iron-59	1.89E+00	3.88E+00	2.36E+00	pCi/L
DW1 Drinking Water(339164002) - DW	10-Dec-13	Iron-59	4.17E-01	3.25E+00	1.90E+00	pCi/L
DW1 Drinking Water(319086002) - DW	23-Jan-13	Lanthanum-140	-1.33E+00	2.67E+00	1.83E+00	pCi/L
DW1 Drinking Water(320441002) - DW	13-Feb-13	Lanthanum-140	-5.37E-01	2.01E+00	1.29E+00	pCi/L
DW1 Drinking Water(321580003) - DW	6-Mar-13	Lanthanum-140	1.64E+00	2.25E+00	1.43E+00	pCi/L
DW1 Drinking Water(323664001) - DW	9-Apr-13	Lanthanum-140	1.67E-01	2.72E+00	1.59E+00	pCi/L
DW1 Drinking Water(325438003) - DW	7-May-13	Lanthanum-140	-8.42E-01	2.38E+00	1.51E+00	pCi/L
DW1 Drinking Water(327464002) - DW	10-Jun-13	Lanthanum-140	3.46E-01	2.23E+00	1.51E+00	pCi/L
DW1 Drinking Water(329316002) - DW	9-Jul-13	Lanthanum-140	-1.97E+00	3.69E+00	2.98E+00	pCi/L
DW1 Drinking Water(331170002) - DW	6-Aug-13	Lanthanum-140	-2.66E-01	2.52E+00	1.55E+00	pCi/L
DW1 Drinking Water(332974002) - DW	4-Sep-13	Lanthanum-140	-4.96E-01	2.39E+00	1.46E+00	pCi/L
DW1 Drinking Water(336220002) - DW	22-Oct-13	Lanthanum-140	9.84E-01	3.44E+00	1.99E+00	pCi/L
DW1 Drinking Water(337039002) - DW	5-Nov-13	Lanthanum-140	2.49E-01	3.19E+00	1.88E+00	pCi/L
DW1 Drinking Water(339164002) - DW	10-Dec-13	Lanthanum-140	5.42E-01	3.11E+00	1.80E+00	pCi/L
DW1 Drinking Water(319086002) - DW	23-Jan-13	Manganese-54	-5.21E-01	1.54E+00	9.81E-01	pCi/L
DW1 Drinking Water(320441002) - DW	13-Feb-13	Manganese-54	-3.79E-01	1.65E+00	1.02E+00	pCi/L
DW1 Drinking Water(321580003) - DW	6-Mar-13	Manganese-54	5.66E-01	1.56E+00	1.25E+00	pCi/L
DW1 Drinking Water(323664001) - DW	9-Apr-13	Manganese-54	-3.33E-01	1.78E+00	1.09E+00	pCi/L
DW1 Drinking Water(325438003) - DW	7-May-13	Manganese-54	2.99E-01	1.57E+00	1.36E+00	pCi/L
DW1 Drinking Water(327464002) - DW	10-Jun-13	Manganese-54	1.44E-01	1.52E+00	1.04E+00	pCi/L
DW1 Drinking Water(329316002) - DW	9-Jul-13	Manganese-54	-1.23E-01	1.61E+00	9.59E-01	pCi/L
DW1 Drinking Water(331170002) - DW	6-Aug-13	Manganese-54	4.42E-02	1.93E+00	1.13E+00	pCi/L
DW1 Drinking Water(332974002) - DW	4-Sep-13	Manganese-54	2.86E-01	1.57E+00	9.41E-01	pCi/L
DW1 Drinking Water(336220002) - DW	22-Oct-13	Manganese-54	2.52E-01	2.31E+00	1.35E+00	pCi/L
DW1 Drinking Water(337039002) - DW	5-Nov-13	Manganese-54	2.11E-01	1.80E+00	1.05E+00	pCi/L
DW1 Drinking Water(339164002) - DW	10-Dec-13	Manganese-54	-3.74E-01	1.53E+00	9.69E-01	pCi/L

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DW1 Drinking Water(319086002) - DW	23-Jan-13	Nickel-63	1.86E+01	3.66E+01	2.24E+01	pCi/L
DW1 Drinking Water(320441002) - DW	13-Feb-13	Nickel-63	1.32E+01	3.32E+01	2.03E+01	pCi/L
DW1 Drinking Water(321580003) - DW	6-Mar-13	Nickel-63	-1.47E+00	3.19E+01	1.90E+01	pCi/L
DW1 Drinking Water(323664001) - DW	9-Apr-13	Nickel-63	3.69E+01	3.87E+01	2.46E+01	pCi/L
DW1 Drinking Water(325438003) - DW	7-May-13	Nickel-63	-7.05E+00	3.58E+01	2.11E+01	pCi/L
DW1 Drinking Water(327464002) - DW	10-Jun-13	Nickel-63	5.85E+00	3.40E+01	2.06E+01	pCi/L
DW1 Drinking Water(329316002) - DW	9-Jul-13	Nickel-63	-3.38E-01	3.44E+01	2.05E+01	pCi/L
DW1 Drinking Water(331170002) - DW	6-Aug-13	Nickel-63	-2.02E+01	3.96E+01	2.29E+01	pCi/L
DW1 Drinking Water(332974002) - DW	4-Sep-13	Nickel-63	2.15E+00	3.70E+01	2.21E+01	pCi/L
DW1 Drinking Water(336220002) - DW	22-Oct-13	Nickel-63	9.10E+00	2.28E+01	1.39E+01	pCi/L
DW1 Drinking Water(337039002) - DW	5-Nov-13	Nickel-63	-5.85E+00	3.25E+01	1.90E+01	pCi/L
DW1 Drinking Water(339164002) - DW	10-Dec-13	Nickel-63	8.54E+00	3.13E+01	1.92E+01	pCi/L
DW1 Drinking Water(319086002) - DW	23-Jan-13	Niobium-95	2.29E-01	1.83E+00	1.06E+00	pCi/L
DW1 Drinking Water(320441002) - DW	13-Feb-13	Niobium-95	-1.74E-01	1.64E+00	1.34E+00	pCi/L
DW1 Drinking Water(321580003) - DW	6-Mar-13	Niobium-95	-1.36E+00	1.45E+00	1.46E+00	pCi/L
DW1 Drinking Water(323664001) - DW	9-Apr-13	Niobium-95	2.01E+00	2.01E+00	1.43E+00	pCi/L
DW1 Drinking Water(325438003) - DW	7-May-13	Niobium-95	3.36E-01	1.64E+00	9.46E-01	pCi/L
DW1 Drinking Water(327464002) - DW	10-Jun-13	Niobium-95	8.86E-01	1.61E+00	9.91E-01	pCi/L
DW1 Drinking Water(329316002) - DW	9-Jul-13	Niobium-95	1.69E+00	1.94E+00	1.40E+00	pCi/L
DW1 Drinking Water(331170002) - DW	6-Aug-13	Niobium-95	4.53E-01	1.89E+00	1.10E+00	pCi/L
DW1 Drinking Water(332974002) - DW	4-Sep-13	Niobium-95	5.62E-01	1.67E+00	1.01E+00	pCi/L
DW1 Drinking Water(336220002) - DW	22-Oct-13	Niobium-95	-5.84E-01	2.18E+00	1.33E+00	pCi/L
DW1 Drinking Water(337039002) - DW	5-Nov-13	Niobium-95	8.84E-01	1.90E+00	1.13E+00	pCi/L
DW1 Drinking Water(339164002) - DW	10-Dec-13	Niobium-95	1.14E+00	1.79E+00	1.14E+00	pCi/L
DW1 Drinking Water(319086002) - DW	23-Jan-13	Total Strontium	4.40E-02	2.06E-01	1.25E-01	pCi/L
DW1 Drinking Water(320441002) - DW	13-Feb-13	Total Strontium	7.15E-02	1.85E-01	1.14E-01	pCi/L
DW1 Drinking Water(321580003) - DW	6-Mar-13	Total Strontium	-2.00E-01	3.02E-01	1.72E-01	pCi/L
DW1 Drinking Water(323664001) - DW	9-Apr-13	Total Strontium	-4.63E-02	1.87E-01	1.09E-01	pCi/L
DW1 Drinking Water(325438003) - DW	7-May-13	Total Strontium	2.45E-01	2.64E-01	1.75E-01	pCi/L
DW1 Drinking Water(327464002) - DW	10-Jun-13	Total Strontium	2.53E-02	2.99E-01	1.79E-01	pCi/L
DW1 Drinking Water(329316002) - DW	9-Jul-13	Total Strontium	-2.10E-01	3.40E-01	1.93E-01	pCi/L
DW1 Drinking Water(331170002) - DW	6-Aug-13	Total Strontium	-1.26E-02	2.02E-01	1.20E-01	pCi/L
DW1 Drinking Water(332974002) - DW	4-Sep-13	Total Strontium	-1.98E-01	2.60E-01	1.50E-01	pCi/L
DW1 Drinking Water(336220002) - DW	22-Oct-13	Total Strontium	4.98E-02	1.96E-01	1.19E-01	pCi/L
DW1 Drinking Water(337039002) - DW	5-Nov-13	Total Strontium	-7.60E-02	1.25E-01	7.05E-02	pCi/L
DW1 Drinking Water(339164002) - DW	10-Dec-13	Total Strontium	1.06E-01	2.28E-01	1.43E-01	pCi/L
DW1 Drinking Water(319086002) - DW	23-Jan-13	Tritium	-1.24E+02	2.29E+02	1.29E+02	pCi/L
DW1 Drinking Water(320441002) - DW	13-Feb-13	Tritium	8.65E+01	2.77E+02	1.70E+02	pCi/L
DW1 Drinking Water(321580003) - DW	6-Mar-13	Tritium	-5.35E+01	2.48E+02	1.45E+02	pCi/L
DW1 Drinking Water(323664001) - DW	9-Apr-13	Tritium	-4.00E+01	2.42E+02	1.42E+02	pCi/L
DW1 Drinking Water(325438003) - DW	7-May-13	Tritium	1.17E+01	2.44E+02	1.46E+02	pCi/L
DW1 Drinking Water(327464002) - DW	10-Jun-13	Tritium	4.35E+01	2.60E+02	1.57E+02	pCi/L
DW1 Drinking Water(329316002) - DW	9-Jul-13	Tritium	1.58E+01	2.79E+02	1.67E+02	pCi/L
DW1 Drinking Water(331170002) - DW	6-Aug-13	Tritium	-1.75E+02	3.03E+02	1.73E+02	pCi/L
DW1 Drinking Water(332974002) - DW	4-Sep-13	Tritium	7.47E+01	2.81E+02	1.71E+02	pCi/L

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DW1 Drinking Water(336220002) - DW	22-Oct-13	Tritium	-3.61E+01	2.52E+02	1.49E+02	pCi/L
DW1 Drinking Water(337039002) - DW	5-Nov-13	Tritium	4.07E+01	2.37E+02	1.43E+02	pCi/L
DW1 Drinking Water(339164002) - DW	10-Dec-13	Tritium	5.27E+01	2.39E+02	1.45E+02	pCi/L
DW1 Drinking Water(319086002) - DW	23-Jan-13	Zinc-65	1.10E-01	3.23E+00	2.24E+00	pCi/L
DW1 Drinking Water(320441002) - DW	13-Feb-13	Zinc-65	1.02E+00	3.54E+00	2.43E+00	pCi/L
DW1 Drinking Water(321580003) - DW	6-Mar-13	Zinc-65	-2.36E-02	2.93E+00	2.04E+00	pCi/L
DW1 Drinking Water(323664001) - DW	9-Apr-13	Zinc-65	2.50E+00	3.92E+00	2.69E+00	pCi/L
DW1 Drinking Water(325438003) - DW	7-May-13	Zinc-65	-1.85E+00	3.19E+00	2.20E+00	pCi/L
DW1 Drinking Water(327464002) - DW	10-Jun-13	Zinc-65	-1.68E+00	3.05E+00	2.48E+00	pCi/L
DW1 Drinking Water(329316002) - DW	9-Jul-13	Zinc-65	-1.61E-01	3.12E+00	1.90E+00	pCi/L
DW1 Drinking Water(331170002) - DW	6-Aug-13	Zinc-65	-8.18E-01	4.11E+00	2.58E+00	pCi/L
DW1 Drinking Water(332974002) - DW	4-Sep-13	Zinc-65	-2.63E+00	3.20E+00	2.89E+00	pCi/L
DW1 Drinking Water(336220002) - DW	22-Oct-13	Zinc-65	4.64E-01	4.66E+00	2.77E+00	pCi/L
DW1 Drinking Water(337039002) - DW	5-Nov-13	Zinc-65	8.43E-01	3.83E+00	2.62E+00	pCi/L
DW1 Drinking Water(339164002) - DW	10-Dec-13	Zinc-65	-1.65E+00	3.15E+00	2.13E+00	pCi/L
DW1 Drinking Water(319086002) - DW	23-Jan-13	Zirconium-95	3.91E-01	3.09E+00	1.79E+00	pCi/L
DW1 Drinking Water(320441002) - DW	13-Feb-13	Zirconium-95	9.93E-01	2.81E+00	1.87E+00	pCi/L
DW1 Drinking Water(321580003) - DW	6-Mar-13	Zirconium-95	3.47E-01	2.78E+00	1.61E+00	pCi/L
DW1 Drinking Water(323664001) - DW	9-Apr-13	Zirconium-95	-2.18E+00	2.79E+00	2.05E+00	pCi/L
DW1 Drinking Water(325438003) - DW	7-May-13	Zirconium-95	-1.32E+00	2.75E+00	1.78E+00	pCi/L
DW1 Drinking Water(327464002) - DW	10-Jun-13	Zirconium-95	-8.90E-01	2.64E+00	1.67E+00	pCi/L
DW1 Drinking Water(329316002) - DW	9-Jul-13	Zirconium-95	-1.14E-02	2.86E+00	1.67E+00	pCi/L
DW1 Drinking Water(331170002) - DW	6-Aug-13	Zirconium-95	7.20E-01	3.38E+00	1.96E+00	pCi/L
DW1 Drinking Water(332974002) - DW	4-Sep-13	Zirconium-95	-4.74E-02	2.87E+00	1.73E+00	pCi/L
DW1 Drinking Water(336220002) - DW	22-Oct-13	Zirconium-95	8.71E-01	4.19E+00	2.42E+00	pCi/L
DW1 Drinking Water(337039002) - DW	5-Nov-13	Zirconium-95	1.00E-02	3.04E+00	1.85E+00	pCi/L
DW1 Drinking Water(339164002) - DW	10-Dec-13	Zirconium-95	-6.70E-01	2.73E+00	1.72E+00	pCi/L

DY1 Drywell 115 - Monitoring Well

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
DY1 Drywell 115(322087001) - GW	12-Mar-13	BETA	4.08E+01	2.08E+00	7.07E+00	pCi/L
DY1 Drywell 115(325981001) - GW	9-May-13	BETA	3.38E+01	4.29E+00	6.53E+00	pCi/L
DY1 Drywell 115(333377001) - GW	5-Sep-13	BETA	3.73E+01	2.42E+00	6.50E+00	pCi/L
DY1 Drywell 115(335890001) - GW	8-Oct-13	BETA	5.58E+01	2.18E+00	9.67E+00	pCi/L
DY1 Drywell 115(322087001) - GW	12-Mar-13	Barium-140	8.57E-01	4.33E+00	2.52E+00	pCi/L
DY1 Drywell 115(325981001) - GW	9-May-13	Barium-140	4.96E+00	7.33E+00	4.44E+00	pCi/L
DY1 Drywell 115(333377001) - GW	5-Sep-13	Barium-140	1.95E+00	3.62E+00	2.20E+00	pCi/L
DY1 Drywell 115(335890001) - GW	8-Oct-13	Barium-140	2.69E+00	5.10E+00	4.26E+00	pCi/L
DY1 Drywell 115(322087001) - GW	12-Mar-13	Cesium-134	5.45E-01	2.76E+00	1.62E+00	pCi/L
DY1 Drywell 115(325981001) - GW	9-May-13	Cesium-134	-2.71E-01	1.92E+00	1.15E+00	pCi/L
DY1 Drywell 115(333377001) - GW	5-Sep-13	Cesium-134	1.34E+00	1.79E+00	1.18E+00	pCi/L
DY1 Drywell 115(335890001) - GW	8-Oct-13	Cesium-134	4.15E-01	2.10E+00	1.25E+00	pCi/L
DY1 Drywell 115(322087001) - GW	12-Mar-13	Cesium-137	1.93E+00	2.08E+00	2.12E+00	pCi/L
DY1 Drywell 115(325981001) - GW	9-May-13	Cesium-137	2.22E+00	1.87E+00	1.25E+00	pCi/L
DY1 Drywell 115(333377001) - GW	5-Sep-13	Cesium-137	4.32E-01	1.70E+00	9.98E-01	pCi/L

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DY1 Drywell 115(335890001) - GW	8-Oct-13	Cesium-137	1.96E+00	1.96E+00	1.50E+00	pCi/L
DY1 Drywell 115(322087001) - GW	12-Mar-13	Cobalt-58	-1.15E+00	2.28E+00	1.56E+00	pCi/L
DY1 Drywell 115(325981001) - GW	9-May-13	Cobalt-58	4.72E-01	2.17E+00	1.26E+00	pCi/L
DY1 Drywell 115(333377001) - GW	5-Sep-13	Cobalt-58	7.18E-01	1.68E+00	1.04E+00	pCi/L
DY1 Drywell 115(335890001) - GW	8-Oct-13	Cobalt-58	6.66E-01	1.97E+00	1.30E+00	pCi/L
DY1 Drywell 115(322087001) - GW	12-Mar-13	Cobalt-60	3.60E+00	3.60E+00	2.64E+00	pCi/L
DY1 Drywell 115(325981001) - GW	9-May-13	Cobalt-60	1.59E+00	2.43E+00	1.48E+00	pCi/L
DY1 Drywell 115(333377001) - GW	5-Sep-13	Cobalt-60	2.74E-01	1.71E+00	1.28E+00	pCi/L
DY1 Drywell 115(335890001) - GW	8-Oct-13	Cobalt-60	-7.22E-01	1.93E+00	1.24E+00	pCi/L
DY1 Drywell 115(322087001) - GW	12-Mar-13	Iodine-131	1.07E+00	4.36E+00	2.93E+00	pCi/L
DY1 Drywell 115(325981001) - GW	9-May-13	Iodine-131	-7.80E-01	1.12E+01	6.68E+00	pCi/L
DY1 Drywell 115(333377001) - GW	5-Sep-13	Iodine-131	-9.75E-01	4.30E+00	2.64E+00	pCi/L
DY1 Drywell 115(335890001) - GW	8-Oct-13	Iodine-131	-1.47E+00	6.31E+00	3.86E+00	pCi/L
DY1 Drywell 115(322087001) - GW	12-Mar-13	Iron-55	4.75E+00	1.15E+02	8.07E+01	pCi/L
DY1 Drywell 115(325981001) - GW	9-May-13	Iron-55	-4.64E+00	1.37E+02	9.29E+01	pCi/L
DY1 Drywell 115(333377001) - GW	5-Sep-13	Iron-55	8.80E+00	5.50E+01	3.98E+01	pCi/L
DY1 Drywell 115(335890001) - GW	8-Oct-13	Iron-55	-3.93E+01	7.45E+01	5.06E+01	pCi/L
DY1 Drywell 115(322087001) - GW	12-Mar-13	Iron-59	8.73E-01	5.12E+00	2.94E+00	pCi/L
DY1 Drywell 115(325981001) - GW	9-May-13	Iron-59	2.28E+00	4.81E+00	2.90E+00	pCi/L
DY1 Drywell 115(333377001) - GW	5-Sep-13	Iron-59	8.12E-01	3.27E+00	1.89E+00	pCi/L
DY1 Drywell 115(335890001) - GW	8-Oct-13	Iron-59	-2.92E+00	4.16E+00	3.09E+00	pCi/L
DY1 Drywell 115(322087001) - GW	12-Mar-13	Lanthanum-140	8.57E-01	4.33E+00	2.52E+00	pCi/L
DY1 Drywell 115(325981001) - GW	9-May-13	Lanthanum-140	4.96E+00	7.33E+00	4.44E+00	pCi/L
DY1 Drywell 115(333377001) - GW	5-Sep-13	Lanthanum-140	1.95E+00	3.62E+00	2.20E+00	pCi/L
DY1 Drywell 115(335890001) - GW	8-Oct-13	Lanthanum-140	2.69E+00	5.10E+00	4.26E+00	pCi/L
DY1 Drywell 115(322087001) - GW	12-Mar-13	Manganese-54	9.01E-01	2.53E+00	1.50E+00	pCi/L
DY1 Drywell 115(325981001) - GW	9-May-13	Manganese-54	8.30E-02	1.65E+00	9.65E-01	pCi/L
DY1 Drywell 115(333377001) - GW	5-Sep-13	Manganese-54	1.86E-01	1.59E+00	9.40E-01	pCi/L
DY1 Drywell 115(335890001) - GW	8-Oct-13	Manganese-54	2.73E-01	1.84E+00	1.23E+00	pCi/L
DY1 Drywell 115(322087001) - GW	12-Mar-13	Nickel-63	-1.58E+01	3.41E+01	1.98E+01	pCi/L
DY1 Drywell 115(325981001) - GW	9-May-13	Nickel-63	2.03E+01	2.17E+01	1.38E+01	pCi/L
DY1 Drywell 115(333377001) - GW	5-Sep-13	Nickel-63	-2.51E+01	3.71E+01	2.11E+01	pCi/L
DY1 Drywell 115(335890001) - GW	8-Oct-13	Nickel-63	-7.03E+00	3.50E+01	2.05E+01	pCi/L
DY1 Drywell 115(322087001) - GW	12-Mar-13	Niobium-95	2.46E-01	2.49E+00	1.47E+00	pCi/L
DY1 Drywell 115(325981001) - GW	9-May-13	Niobium-95	1.10E+00	2.24E+00	1.34E+00	pCi/L
DY1 Drywell 115(333377001) - GW	5-Sep-13	Niobium-95	-2.31E-01	1.71E+00	1.39E+00	pCi/L
DY1 Drywell 115(335890001) - GW	8-Oct-13	Niobium-95	1.02E+00	2.18E+00	1.45E+00	pCi/L
DY1 Drywell 115(322087001) - GW	12-Mar-13	Total Strontium	-3.39E-01	4.58E-01	2.62E-01	pCi/L
DY1 Drywell 115(325981001) - GW	9-May-13	Total Strontium	2.04E-02	1.51E-01	9.12E-02	pCi/L
DY1 Drywell 115(333377001) - GW	5-Sep-13	Total Strontium	-4.28E-02	3.46E-01	2.05E-01	pCi/L
DY1 Drywell 115(335890001) - GW	8-Oct-13	Total Strontium	-5.17E-03	8.85E-02	5.25E-02	pCi/L
DY1 Drywell 115(322087001) - GW	12-Mar-13	Tritium	8.71E+03	2.33E+02	1.73E+03	pCi/L
DY1 Drywell 115(325981001) - GW	9-May-13	Tritium	1.04E+04	2.07E+02	2.05E+03	pCi/L
DY1 Drywell 115(333377001) - GW	5-Sep-13	Tritium	1.06E+04	2.81E+02	2.10E+03	pCi/L
DY1 Drywell 115(335890001) - GW	8-Oct-13	Tritium	1.37E+04	2.67E+02	2.68E+03	pCi/L

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DY1 Drywell 115(322087001) - GW	12-Mar-13	Zinc-65	2.73E+00	5.28E+00	6.06E+00	pCi/L
DY1 Drywell 115(325981001) - GW	9-May-13	Zinc-65	-1.15E+00	3.69E+00	2.40E+00	pCi/L
DY1 Drywell 115(333377001) - GW	5-Sep-13	Zinc-65	-4.39E-01	3.24E+00	2.24E+00	pCi/L
DY1 Drywell 115(335890001) - GW	8-Oct-13	Zinc-65	6.62E-01	3.82E+00	2.60E+00	pCi/L
DY1 Drywell 115(322087001) - GW	12-Mar-13	Zirconium-95	-5.21E-01	4.09E+00	2.49E+00	pCi/L
DY1 Drywell 115(325981001) - GW	9-May-13	Zirconium-95	2.69E-01	3.57E+00	2.19E+00	pCi/L
DY1 Drywell 115(333377001) - GW	5-Sep-13	Zirconium-95	7.08E-01	3.01E+00	1.78E+00	pCi/L
DY1 Drywell 115(335890001) - GW	8-Oct-13	Zirconium-95	5.92E-01	3.63E+00	2.10E+00	pCi/L

GW1 Groundwater Monitoring Well

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
GW1 Groundwater Monitoring Well 1(322638001) - GW	25-Mar-13	BETA	6.99E+00	7.40E+00	4.84E+00	pCi/L
GW1 Groundwater Monitoring Well 1(325981004) - GW	9-May-13	BETA	2.82E+00	4.31E+00	2.74E+00	pCi/L
GW1 Groundwater Monitoring Well 1(334714001) - GW	26-Sep-13	BETA	3.65E+01	2.60E+01	1.78E+01	pCi/L
GW1 Groundwater Monitoring Well 1(335497002) - GW	8-Oct-13	BETA	1.66E+01	2.81E+01	1.74E+01	pCi/L
GW1 Groundwater Monitoring Well 1(322638001) - GW	25-Mar-13	Barium-140	2.95E-01	2.86E+00	1.95E+00	pCi/L
GW1 Groundwater Monitoring Well 1(325981004) - GW	9-May-13	Barium-140	-3.58E-01	4.60E+00	3.30E+00	pCi/L
GW1 Groundwater Monitoring Well 1(334714001) - GW	26-Sep-13	Barium-140	6.64E-01	6.49E+00	3.83E+00	pCi/L
GW1 Groundwater Monitoring Well 1(335497002) - GW	8-Oct-13	Barium-140	1.09E+00	3.16E+00	2.17E+00	pCi/L
GW1 Groundwater Monitoring Well 1(322638001) - GW	25-Mar-13	Cesium-134	-2.33E-01	2.28E+00	1.63E+00	pCi/L
GW1 Groundwater Monitoring Well 1(325981004) - GW	9-May-13	Cesium-134	-1.01E+00	1.84E+00	1.60E+00	pCi/L
GW1 Groundwater Monitoring Well 1(334714001) - GW	26-Sep-13	Cesium-134	-1.24E+00	1.98E+00	1.55E+00	pCi/L
GW1 Groundwater Monitoring Well 1(335497002) - GW	8-Oct-13	Cesium-134	1.07E+00	1.93E+00	1.18E+00	pCi/L
GW1 Groundwater Monitoring Well 1(322638001) - GW	25-Mar-13	Cesium-137	9.30E-01	2.15E+00	1.52E+00	pCi/L
GW1 Groundwater Monitoring Well 1(325981004) - GW	9-May-13	Cesium-137	4.84E-01	1.75E+00	1.83E+00	pCi/L
GW1 Groundwater Monitoring Well 1(334714001) - GW	26-Sep-13	Cesium-137	-2.12E+00	2.11E+00	2.41E+00	pCi/L
GW1 Groundwater Monitoring Well 1(335497002) - GW	8-Oct-13	Cesium-137	1.05E-01	1.76E+00	1.22E+00	pCi/L
GW1 Groundwater Monitoring Well 1(322638001) - GW	25-Mar-13	Cobalt-58	-6.04E-01	2.04E+00	1.45E+00	pCi/L
GW1 Groundwater Monitoring Well 1(325981004) - GW	9-May-13	Cobalt-58	-9.46E-02	1.89E+00	1.14E+00	pCi/L
GW1 Groundwater Monitoring Well 1(334714001) - GW	26-Sep-13	Cobalt-58	3.00E-01	2.10E+00	1.22E+00	pCi/L
GW1 Groundwater Monitoring Well 1(335497002) - GW	8-Oct-13	Cobalt-58	-9.50E-01	1.70E+00	1.13E+00	pCi/L
GW1 Groundwater Monitoring Well 1(322638001) - GW	25-Mar-13	Cobalt-60	-1.15E+00	2.32E+00	1.71E+00	pCi/L
GW1 Groundwater Monitoring Well 1(325981004) - GW	9-May-13	Cobalt-60	3.38E-01	1.87E+00	1.10E+00	pCi/L
GW1 Groundwater Monitoring Well 1(334714001) - GW	26-Sep-13	Cobalt-60	-3.95E+00	2.09E+00	3.72E+00	pCi/L
GW1 Groundwater Monitoring Well 1(335497002) - GW	8-Oct-13	Cobalt-60	-3.05E-01	1.91E+00	1.18E+00	pCi/L
GW1 Groundwater Monitoring Well 1(322638001) - GW	25-Mar-13	Iodine-131	1.36E+00	3.03E+00	1.87E+00	pCi/L
GW1 Groundwater Monitoring Well 1(325981004) - GW	9-May-13	Iodine-131	-2.00E+00	5.43E+00	3.94E+00	pCi/L
GW1 Groundwater Monitoring Well 1(334714001) - GW	26-Sep-13	Iodine-131	-4.22E+00	9.12E+00	6.07E+00	pCi/L
GW1 Groundwater Monitoring Well 1(335497002) - GW	8-Oct-13	Iodine-131	4.53E-01	3.48E+00	2.06E+00	pCi/L
GW1 Groundwater Monitoring Well 1(322638001) - GW	25-Mar-13	Iron-55	6.68E+00	1.15E+02	7.81E+01	pCi/L
GW1 Groundwater Monitoring Well 1(325981004) - GW	9-May-13	Iron-55	-3.22E+00	1.14E+02	7.76E+01	pCi/L
GW1 Groundwater Monitoring Well 1(334714001) - GW	26-Sep-13	Iron-55	9.52E+00	6.42E+01	4.74E+01	pCi/L
GW1 Groundwater Monitoring Well 1(335497002) - GW	8-Oct-13	Iron-55	-3.54E-01	6.55E+01	4.62E+01	pCi/L
GW1 Groundwater Monitoring Well 1(322638001) - GW	25-Mar-13	Iron-59	-1.89E+00	3.92E+00	2.62E+00	pCi/L
GW1 Groundwater Monitoring Well 1(325981004) - GW	9-May-13	Iron-59	-1.70E+00	3.70E+00	2.42E+00	pCi/L

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GW1 Groundwater Monitoring Well 1(334714001) - GW	26-Sep-13	Iron-59	-9.17E-01	4.55E+00	3.31E+00	pCi/L
GW1 Groundwater Monitoring Well 1(335497002) - GW	8-Oct-13	Iron-59	-8.15E-01	3.28E+00	2.04E+00	pCi/L
GW1 Groundwater Monitoring Well 1(322638001) - GW	25-Mar-13	Lanthanum-140	2.95E-01	2.86E+00	1.95E+00	pCi/L
GW1 Groundwater Monitoring Well 1(325981004) - GW	9-May-13	Lanthanum-140	-3.58E-01	4.60E+00	3.30E+00	pCi/L
GW1 Groundwater Monitoring Well 1(334714001) - GW	26-Sep-13	Lanthanum-140	6.64E-01	6.49E+00	3.83E+00	pCi/L
GW1 Groundwater Monitoring Well 1(335497002) - GW	8-Oct-13	Lanthanum-140	1.09E+00	3.16E+00	2.17E+00	pCi/L
GW1 Groundwater Monitoring Well 1(322638001) - GW	25-Mar-13	Manganese-54	-2.01E-01	1.88E+00	1.30E+00	pCi/L
GW1 Groundwater Monitoring Well 1(325981004) - GW	9-May-13	Manganese-54	-2.65E-01	1.81E+00	1.11E+00	pCi/L
GW1 Groundwater Monitoring Well 1(334714001) - GW	26-Sep-13	Manganese-54	7.26E-01	2.07E+00	1.22E+00	pCi/L
GW1 Groundwater Monitoring Well 1(335497002) - GW	8-Oct-13	Manganese-54	6.86E-01	1.71E+00	1.01E+00	pCi/L
GW1 Groundwater Monitoring Well 1(322638001) - GW	25-Mar-13	Nickel-63	1.04E+01	3.07E+01	1.87E+01	pCi/L
GW1 Groundwater Monitoring Well 1(325981004) - GW	9-May-13	Nickel-63	1.83E+01	1.86E+01	1.18E+01	pCi/L
GW1 Groundwater Monitoring Well 1(334714001) - GW	26-Sep-13	Nickel-63	-8.36E+00	3.62E+01	2.12E+01	pCi/L
GW1 Groundwater Monitoring Well 1(335497002) - GW	8-Oct-13	Nickel-63	5.92E+00	3.54E+01	2.13E+01	pCi/L
GW1 Groundwater Monitoring Well 1(322638001) - GW	25-Mar-13	Niobium-95	1.04E+00	2.30E+00	1.58E+00	pCi/L
GW1 Groundwater Monitoring Well 1(325981004) - GW	9-May-13	Niobium-95	1.72E+00	1.72E+00	1.84E+00	pCi/L
GW1 Groundwater Monitoring Well 1(334714001) - GW	26-Sep-13	Niobium-95	2.63E+00	2.63E+00	2.04E+00	pCi/L
GW1 Groundwater Monitoring Well 1(335497002) - GW	8-Oct-13	Niobium-95	1.84E+00	1.92E+00	1.44E+00	pCi/L
GW1 Groundwater Monitoring Well 1(322638001) - GW	25-Mar-13	Total Strontium	1.42E-02	1.74E-01	1.04E-01	pCi/L
GW1 Groundwater Monitoring Well 1(325981004) - GW	9-May-13	Total Strontium	4.70E-02	1.44E-01	8.86E-02	pCi/L
GW1 Groundwater Monitoring Well 1(334714001) - GW	26-Sep-13	Total Strontium	-2.62E-02	1.50E-01	8.81E-02	pCi/L
GW1 Groundwater Monitoring Well 1(335497002) - GW	8-Oct-13	Total Strontium	3.18E-03	2.13E-01	1.27E-01	pCi/L
GW1 Groundwater Monitoring Well 1(322638001) - GW	25-Mar-13	Tritium	1.34E+02	2.47E+02	1.55E+02	pCi/L
GW1 Groundwater Monitoring Well 1(325981004) - GW	9-May-13	Tritium	1.38E+02	2.34E+02	1.49E+02	pCi/L
GW1 Groundwater Monitoring Well 1(334714001) - GW	26-Sep-13	Tritium	3.16E+02	2.86E+02	1.94E+02	pCi/L
GW1 Groundwater Monitoring Well 1(335497002) - GW	8-Oct-13	Tritium	2.54E+02	2.63E+02	1.75E+02	pCi/L
GW1 Groundwater Monitoring Well 1(322638001) - GW	25-Mar-13	Zinc-65	-1.06E+00	4.12E+00	3.01E+00	pCi/L
GW1 Groundwater Monitoring Well 1(325981004) - GW	9-May-13	Zinc-65	4.44E+00	4.44E+00	3.47E+00	pCi/L
GW1 Groundwater Monitoring Well 1(334714001) - GW	26-Sep-13	Zinc-65	2.59E+00	4.29E+00	1.72E+00	pCi/L
GW1 Groundwater Monitoring Well 1(335497002) - GW	8-Oct-13	Zinc-65	-1.45E+00	3.38E+00	2.55E+00	pCi/L
GW1 Groundwater Monitoring Well 1(322638001) - GW	25-Mar-13	Zirconium-95	-2.74E+00	3.41E+00	2.48E+00	pCi/L
GW1 Groundwater Monitoring Well 1(325981004) - GW	9-May-13	Zirconium-95	4.55E-01	3.27E+00	1.93E+00	pCi/L
GW1 Groundwater Monitoring Well 1(334714001) - GW	26-Sep-13	Zirconium-95	1.54E+00	3.98E+00	2.07E+00	pCi/L
GW1 Groundwater Monitoring Well 1(335497002) - GW	8-Oct-13	Zirconium-95	1.04E+00	3.16E+00	1.85E+00	pCi/L

GW2 Groundwater Monitoring Well

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
GW2 Groundwater Monitoring Well 2(322638002) - GW	25-Mar-13	BETA	9.17E+00	8.36E+00	5.50E+00	pCi/L
GW2 Groundwater Monitoring Well 2(325981005) - GW	9-May-13	BETA	1.64E+01	4.96E+00	4.58E+00	pCi/L
GW2 Groundwater Monitoring Well 2(334714002) - GW	26-Sep-13	BETA	1.30E+01	6.43E+00	4.93E+00	pCi/L
GW2 Groundwater Monitoring Well 2(335497003) - GW	8-Oct-13	BETA	1.25E+01	1.06E+01	7.03E+00	pCi/L
GW2 Groundwater Monitoring Well 2(322638002) - GW	25-Mar-13	Barium-140	6.80E-02	2.27E+00	1.36E+00	pCi/L
GW2 Groundwater Monitoring Well 2(325981005) - GW	9-May-13	Barium-140	-1.55E+00	3.53E+00	2.30E+00	pCi/L
GW2 Groundwater Monitoring Well 2(334714002) - GW	26-Sep-13	Barium-140	1.42E-01	4.07E+00	2.47E+00	pCi/L
GW2 Groundwater Monitoring Well 2(335497003) - GW	8-Oct-13	Barium-140	5.12E-01	5.16E+00	3.52E+00	pCi/L

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GW2 Groundwater Monitoring Well 2(322638002) - GW	25-Mar-13	Cesium-134	6.48E-01	1.78E+00	1.07E+00	pCi/L
GW2 Groundwater Monitoring Well 2(325981005) - GW	9-May-13	Cesium-134	-3.10E-01	1.62E+00	9.73E-01	pCi/L
GW2 Groundwater Monitoring Well 2(334714002) - GW	26-Sep-13	Cesium-134	-7.65E-01	1.81E+00	1.51E+00	pCi/L
GW2 Groundwater Monitoring Well 2(335497003) - GW	8-Oct-13	Cesium-134	8.94E-01	2.29E+00	1.39E+00	pCi/L
GW2 Groundwater Monitoring Well 2(322638002) - GW	25-Mar-13	Cesium-137	-1.31E+00	2.18E+00	1.79E+00	pCi/L
GW2 Groundwater Monitoring Well 2(325981005) - GW	9-May-13	Cesium-137	-6.93E-02	1.58E+00	1.05E+00	pCi/L
GW2 Groundwater Monitoring Well 2(334714002) - GW	26-Sep-13	Cesium-137	-3.69E-01	1.69E+00	1.19E+00	pCi/L
GW2 Groundwater Monitoring Well 2(335497003) - GW	8-Oct-13	Cesium-137	-1.35E+00	2.44E+00	2.24E+00	pCi/L
GW2 Groundwater Monitoring Well 2(322638002) - GW	25-Mar-13	Cobalt-58	-7.94E-01	1.48E+00	1.16E+00	pCi/L
GW2 Groundwater Monitoring Well 2(325981005) - GW	9-May-13	Cobalt-58	-4.86E-01	1.66E+00	1.02E+00	pCi/L
GW2 Groundwater Monitoring Well 2(334714002) - GW	26-Sep-13	Cobalt-58	-7.43E-02	1.63E+00	9.77E-01	pCi/L
GW2 Groundwater Monitoring Well 2(335497003) - GW	8-Oct-13	Cobalt-58	-4.13E-01	2.21E+00	1.37E+00	pCi/L
GW2 Groundwater Monitoring Well 2(322638002) - GW	25-Mar-13	Cobalt-60	-1.33E-01	1.64E+00	9.87E-01	pCi/L
GW2 Groundwater Monitoring Well 2(325981005) - GW	9-May-13	Cobalt-60	2.93E-01	1.66E+00	9.85E-01	pCi/L
GW2 Groundwater Monitoring Well 2(334714002) - GW	26-Sep-13	Cobalt-60	-7.73E-01	1.62E+00	1.08E+00	pCi/L
GW2 Groundwater Monitoring Well 2(335497003) - GW	8-Oct-13	Cobalt-60	1.13E+00	2.37E+00	1.44E+00	pCi/L
GW2 Groundwater Monitoring Well 2(322638002) - GW	25-Mar-13	Iodine-131	-7.48E-01	2.24E+00	1.42E+00	pCi/L
GW2 Groundwater Monitoring Well 2(325981005) - GW	9-May-13	Iodine-131	1.32E+00	5.42E+00	3.21E+00	pCi/L
GW2 Groundwater Monitoring Well 2(334714002) - GW	26-Sep-13	Iodine-131	1.23E+00	5.20E+00	3.13E+00	pCi/L
GW2 Groundwater Monitoring Well 2(335497003) - GW	8-Oct-13	Iodine-131	4.84E+00	7.09E+00	4.93E+00	pCi/L
GW2 Groundwater Monitoring Well 2(322638002) - GW	25-Mar-13	Iron-55	-4.48E+01	1.15E+02	7.49E+01	pCi/L
GW2 Groundwater Monitoring Well 2(325981005) - GW	9-May-13	Iron-55	-2.50E+01	1.08E+02	7.24E+01	pCi/L
GW2 Groundwater Monitoring Well 2(334714002) - GW	26-Sep-13	Iron-55	3.56E+01	6.34E+01	4.85E+01	pCi/L
GW2 Groundwater Monitoring Well 2(335497003) - GW	8-Oct-13	Iron-55	-2.93E+00	6.61E+01	4.65E+01	pCi/L
GW2 Groundwater Monitoring Well 2(322638002) - GW	25-Mar-13	Iron-59	2.26E+00	3.32E+00	2.09E+00	pCi/L
GW2 Groundwater Monitoring Well 2(325981005) - GW	9-May-13	Iron-59	-1.19E+00	3.02E+00	1.97E+00	pCi/L
GW2 Groundwater Monitoring Well 2(334714002) - GW	26-Sep-13	Iron-59	1.19E+00	3.76E+00	2.27E+00	pCi/L
GW2 Groundwater Monitoring Well 2(335497003) - GW	8-Oct-13	Iron-59	1.43E+00	5.07E+00	3.44E+00	pCi/L
GW2 Groundwater Monitoring Well 2(322638002) - GW	25-Mar-13	Lanthanum-140	6.80E-02	2.27E+00	1.36E+00	pCi/L
GW2 Groundwater Monitoring Well 2(325981005) - GW	9-May-13	Lanthanum-140	-1.55E+00	3.53E+00	2.30E+00	pCi/L
GW2 Groundwater Monitoring Well 2(334714002) - GW	26-Sep-13	Lanthanum-140	1.42E-01	4.07E+00	2.47E+00	pCi/L
GW2 Groundwater Monitoring Well 2(335497003) - GW	8-Oct-13	Lanthanum-140	5.12E-01	5.16E+00	3.52E+00	pCi/L
GW2 Groundwater Monitoring Well 2(322638002) - GW	25-Mar-13	Manganese-54	-4.52E-01	1.53E+00	9.69E-01	pCi/L
GW2 Groundwater Monitoring Well 2(325981005) - GW	9-May-13	Manganese-54	-5.29E-01	1.48E+00	9.29E-01	pCi/L
GW2 Groundwater Monitoring Well 2(334714002) - GW	26-Sep-13	Manganese-54	-3.08E-01	1.52E+00	9.41E-01	pCi/L
GW2 Groundwater Monitoring Well 2(335497003) - GW	8-Oct-13	Manganese-54	-9.07E-01	2.09E+00	1.38E+00	pCi/L
GW2 Groundwater Monitoring Well 2(322638002) - GW	25-Mar-13	Nickel-63	1.81E+01	3.48E+01	2.15E+01	pCi/L
GW2 Groundwater Monitoring Well 2(325981005) - GW	9-May-13	Nickel-63	1.93E+01	2.15E+01	1.36E+01	pCi/L
GW2 Groundwater Monitoring Well 2(334714002) - GW	26-Sep-13	Nickel-63	2.57E-01	3.74E+01	2.23E+01	pCi/L
GW2 Groundwater Monitoring Well 2(335497003) - GW	8-Oct-13	Nickel-63	3.24E+00	3.35E+01	2.01E+01	pCi/L
GW2 Groundwater Monitoring Well 2(322638002) - GW	25-Mar-13	Niobium-95	-4.21E-01	1.63E+00	1.18E+00	pCi/L
GW2 Groundwater Monitoring Well 2(325981005) - GW	9-May-13	Niobium-95	1.41E-01	1.76E+00	1.02E+00	pCi/L
GW2 Groundwater Monitoring Well 2(334714002) - GW	26-Sep-13	Niobium-95	3.23E-01	1.90E+00	1.28E+00	pCi/L
GW2 Groundwater Monitoring Well 2(335497003) - GW	8-Oct-13	Niobium-95	1.91E+00	2.53E+00	1.67E+00	pCi/L
GW2 Groundwater Monitoring Well 2(322638002) - GW	25-Mar-13	Total Strontium	-2.51E-02	1.67E-01	9.83E-02	pCi/L

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GW2 Groundwater Monitoring Well 2(325981005) - GW	9-May-13	Total Strontium	3.13E-02	1.38E-01	8.37E-02	pCi/L
GW2 Groundwater Monitoring Well 2(334714002) - GW	26-Sep-13	Total Strontium	-1.14E-01	1.71E-01	9.69E-02	pCi/L
GW2 Groundwater Monitoring Well 2(335497003) - GW	8-Oct-13	Total Strontium	-9.08E-02	1.53E-01	8.67E-02	pCi/L
GW2 Groundwater Monitoring Well 2(322638002) - GW	25-Mar-13	Tritium	3.08E+01	2.45E+02	1.48E+02	pCi/L
GW2 Groundwater Monitoring Well 2(325981005) - GW	9-May-13	Tritium	2.32E+01	2.10E+02	1.26E+02	pCi/L
GW2 Groundwater Monitoring Well 2(334714002) - GW	26-Sep-13	Tritium	5.09E+01	2.88E+02	1.74E+02	pCi/L
GW2 Groundwater Monitoring Well 2(335497003) - GW	8-Oct-13	Tritium	-5.54E+01	2.62E+02	1.53E+02	pCi/L
GW2 Groundwater Monitoring Well 2(322638002) - GW	25-Mar-13	Zinc-65	8.14E-01	3.07E+00	2.03E+00	pCi/L
GW2 Groundwater Monitoring Well 2(325981005) - GW	9-May-13	Zinc-65	1.11E+00	3.06E+00	2.04E+00	pCi/L
GW2 Groundwater Monitoring Well 2(334714002) - GW	26-Sep-13	Zinc-65	-1.18E+00	3.24E+00	2.49E+00	pCi/L
GW2 Groundwater Monitoring Well 2(335497003) - GW	8-Oct-13	Zinc-65	-5.95E+00	4.40E+00	4.09E+00	pCi/L
GW2 Groundwater Monitoring Well 2(322638002) - GW	25-Mar-13	Zirconium-95	-5.59E-01	2.72E+00	1.68E+00	pCi/L
GW2 Groundwater Monitoring Well 2(325981005) - GW	9-May-13	Zirconium-95	-1.31E+00	2.95E+00	1.89E+00	pCi/L
GW2 Groundwater Monitoring Well 2(334714002) - GW	26-Sep-13	Zirconium-95	-1.02E+00	2.94E+00	1.87E+00	pCi/L
GW2 Groundwater Monitoring Well 2(335497003) - GW	8-Oct-13	Zirconium-95	1.52E+00	4.12E+00	2.49E+00	pCi/L

HCM Hearst Ranch Cow Meat

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
HCM Hearst Ranch Cow Meat(336628001) - MT	26-Oct-13	Cesium-134	1.98E+00	5.51E+00	3.24E+00	pCi/kg
HCM Hearst Ranch Cow Meat(336628001) - MT	26-Oct-13	Cesium-137	1.90E+01	4.73E+00	5.20E+00	pCi/kg
HCM Hearst Ranch Cow Meat(336628001) - MT	26-Oct-13	Cobalt-58	-1.62E+00	4.95E+00	3.07E+00	pCi/kg
HCM Hearst Ranch Cow Meat(336628001) - MT	26-Oct-13	Cobalt-60	9.75E-01	4.83E+00	3.31E+00	pCi/kg
HCM Hearst Ranch Cow Meat(336628001) - MT	26-Oct-13	Iodine-131	-2.29E+00	8.28E+00	5.79E+00	pCi/kg
HCM Hearst Ranch Cow Meat(336628001) - MT	26-Oct-13	Potassium-40	2.79E+03	4.28E+01	2.76E+02	pCi/kg
HCM Hearst Ranch Cow Meat(336628001) - MT	26-Oct-13	Total Strontium	-2.84E+01	4.87E+01	2.78E+01	pCi/kg

HCM Hearst Ranch Cow Meat - ground beef

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
HCM Hearst Ranch Cow Meat - ground beef(319327002) - MT	25-Jan-13	Cesium-134	-1.98E+00	5.12E+00	4.08E+00	pCi/kg
HCM Hearst Ranch Cow Meat - ground beef(324858002) - MT	24-Apr-13	Cesium-134	-1.83E+00	4.68E+00	2.97E+00	pCi/kg
HCM Hearst Ranch Cow Meat - ground beef(329193001) - MT	3-Jul-13	Cesium-134	1.48E+00	3.70E+00	2.92E+00	pCi/kg
HCM Hearst Ranch Cow Meat - ground beef(319327002) - MT	25-Jan-13	Cesium-137	-1.40E+00	4.88E+00	3.06E+00	pCi/kg
HCM Hearst Ranch Cow Meat - ground beef(324858002) - MT	24-Apr-13	Cesium-137	1.11E+00	4.46E+00	2.66E+00	pCi/kg
HCM Hearst Ranch Cow Meat - ground beef(329193001) - MT	3-Jul-13	Cesium-137	1.64E+00	3.60E+00	2.17E+00	pCi/kg
HCM Hearst Ranch Cow Meat - ground beef(319327002) - MT	25-Jan-13	Cobalt-58	3.59E+00	5.87E+00	3.14E+00	pCi/kg
HCM Hearst Ranch Cow Meat - ground beef(324858002) - MT	24-Apr-13	Cobalt-58	-1.18E+00	4.28E+00	2.63E+00	pCi/kg
HCM Hearst Ranch Cow Meat - ground beef(329193001) - MT	3-Jul-13	Cobalt-58	6.80E-01	3.58E+00	2.11E+00	pCi/kg
HCM Hearst Ranch Cow Meat - ground beef(319327002) - MT	25-Jan-13	Cobalt-60	-3.49E-01	5.96E+00	4.18E+00	pCi/kg
HCM Hearst Ranch Cow Meat - ground beef(324858002) - MT	24-Apr-13	Cobalt-60	3.76E+00	5.58E+00	3.96E+00	pCi/kg
HCM Hearst Ranch Cow Meat - ground beef(329193001) - MT	3-Jul-13	Cobalt-60	6.75E-01	3.71E+00	2.15E+00	pCi/kg
HCM Hearst Ranch Cow Meat - ground beef(319327002) - MT	25-Jan-13	Iodine-131	1.54E-01	7.09E+00	4.23E+00	pCi/kg
HCM Hearst Ranch Cow Meat - ground beef(324858002) - MT	24-Apr-13	Iodine-131	-1.95E+00	8.11E+00	5.15E+00	pCi/kg
HCM Hearst Ranch Cow Meat - ground beef(329193001) - MT	3-Jul-13	Iodine-131	-6.81E-01	6.22E+00	3.81E+00	pCi/kg
HCM Hearst Ranch Cow Meat - ground beef(319327002) - MT	25-Jan-13	Potassium-40	2.56E+03	5.02E+01	2.73E+02	pCi/kg
HCM Hearst Ranch Cow Meat - ground beef(324858002) - MT	24-Apr-13	Potassium-40	2.48E+03	4.08E+01	2.51E+02	pCi/kg

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HCM Hearst Ranch Cow Meat - ground beef(329193001) - MT	3-Jul-13	Potassium-40	2.61E+03	3.00E+01	2.53E+02	pCi/kg
HCM Hearst Ranch Cow Meat - ground beef(319327002) - MT	25-Jan-13	Total Strontium	7.63E+00	7.41E+01	4.45E+01	pCi/kg
HCM Hearst Ranch Cow Meat - ground beef(324858002) - MT	24-Apr-13	Total Strontium	6.39E+00	3.07E+01	1.86E+01	pCi/kg

MDO Montana de Oro - Beach Sand

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
MDO Montana de Oro(322245001) - SD	14-Mar-13	Bismuth-214	4.20E+02	8.94E+01	1.16E+02	pCi/kg
MDO Montana de Oro(322245001) - SD	14-Mar-13	Cesium-134	1.82E+01	5.29E+01	2.83E+01	pCi/kg
MDO Montana de Oro(330254006) - SD	23-Jul-13	Cesium-134	2.64E+01	8.84E+01	7.39E+01	pCi/kg
MDO Montana de Oro(322245001) - SD	14-Mar-13	Cesium-137	-8.78E+00	4.54E+01	2.71E+01	pCi/kg
MDO Montana de Oro(330254006) - SD	23-Jul-13	Cesium-137	3.69E+01	9.16E+01	5.14E+01	pCi/kg
MDO Montana de Oro(322245001) - SD	14-Mar-13	Iron-55	-2.07E+03	9.96E+03	6.83E+03	pCi/kg
MDO Montana de Oro(330254006) - SD	23-Jul-13	Iron-55	-8.12E+03	1.06E+04	7.58E+03	pCi/kg
MDO Montana de Oro(322245001) - SD	14-Mar-13	Lead-214	8.06E+02	8.47E+01	1.42E+02	pCi/kg
MDO Montana de Oro(322245001) - SD	14-Mar-13	Nickel-63	-3.34E+02	2.44E+03	1.44E+03	pCi/kg
MDO Montana de Oro(330254006) - SD	23-Jul-13	Nickel-63	1.70E+02	1.52E+03	9.10E+02	pCi/kg
MDO Montana de Oro(322245001) - SD	14-Mar-13	Potassium-40	4.98E+03	5.69E+02	9.78E+02	pCi/kg
MDO Montana de Oro(330254006) - SD	23-Jul-13	Potassium-40	6.42E+03	5.44E+02	1.12E+03	pCi/kg
MDO Montana de Oro(322245001) - SD	14-Mar-13	Total Strontium	4.37E+01	9.86E+02	5.94E+02	pCi/kg
MDO Montana de Oro(330254006) - SD	23-Jul-13	Total Strontium	-8.55E+01	2.03E+02	1.16E+02	pCi/kg

MT1 Meteorological Tower - Air Charcoal

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
MT1 Meteorological Tower(318098012) - AC	5-Jan-13	Iodine-131	3.80E-04	1.03E-02	5.99E-03	pCi/m3
MT1 Meteorological Tower(318596012) - AC	12-Jan-13	Iodine-131	6.69E-03	1.37E-02	7.86E-03	pCi/m3
MT1 Meteorological Tower(319014012) - AC	19-Jan-13	Iodine-131	3.26E-03	1.23E-02	7.02E-03	pCi/m3
MT1 Meteorological Tower(319444012) - AC	26-Jan-13	Iodine-131	-2.99E-03	1.34E-02	8.65E-03	pCi/m3
MT1 Meteorological Tower(319881012) - AC	2-Feb-13	Iodine-131	-1.71E-03	1.01E-02	6.27E-03	pCi/m3
MT1 Meteorological Tower(320343012) - AC	10-Feb-13	Iodine-131	-1.06E-03	2.22E-02	1.31E-02	pCi/m3
MT1 Meteorological Tower(320741012) - AC	16-Feb-13	Iodine-131	-1.38E-03	1.50E-02	9.18E-03	pCi/m3
MT1 Meteorological Tower(321140012) - AC	23-Feb-13	Iodine-131	3.42E-04	1.14E-02	6.79E-03	pCi/m3
MT1 Meteorological Tower(321493012) - AC	3-Mar-13	Iodine-131	4.26E-04	1.05E-02	6.34E-03	pCi/m3
MT1 Meteorological Tower(321894011) - AC	9-Mar-13	Iodine-131	1.03E-02	1.60E-02	1.15E-02	pCi/m3
MT1 Meteorological Tower(322325012) - AC	16-Mar-13	Iodine-131	5.87E-03	2.21E-02	1.26E-02	pCi/m3
MT1 Meteorological Tower(322681012) - AC	23-Mar-13	Iodine-131	-3.19E-03	7.19E-03	5.05E-03	pCi/m3
MT1 Meteorological Tower(323029012) - AC	30-Mar-13	Iodine-131	3.30E-03	1.55E-02	9.19E-03	pCi/m3
MT1 Meteorological Tower(323662012) - AC	6-Apr-13	Iodine-131	4.48E-03	1.37E-02	8.10E-03	pCi/m3
MT1 Meteorological Tower(324138012) - AC	13-Apr-13	Iodine-131	-3.84E-03	1.21E-02	8.11E-03	pCi/m3
MT1 Meteorological Tower(324540012) - AC	20-Apr-13	Iodine-131	3.23E-03	1.09E-02	6.07E-03	pCi/m3
MT1 Meteorological Tower(324940012) - AC	27-Apr-13	Iodine-131	-2.20E-03	2.77E-02	1.64E-02	pCi/m3
MT1 Meteorological Tower(325447012) - AC	4-May-13	Iodine-131	9.58E-04	1.58E-02	9.17E-03	pCi/m3
MT1 Meteorological Tower(325880012) - AC	11-May-13	Iodine-131	4.85E-03	1.61E-02	8.91E-03	pCi/m3
MT1 Meteorological Tower(326386012) - AC	18-May-13	Iodine-131	1.42E-03	1.43E-02	8.25E-03	pCi/m3
MT1 Meteorological Tower(326684012) - AC	25-May-13	Iodine-131	2.06E-03	1.22E-02	6.94E-03	pCi/m3
MT1 Meteorological Tower(327062012) - AC	1-Jun-13	Iodine-131	3.21E-03	1.07E-02	6.09E-03	pCi/m3

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MT1 Meteorological Tower(327575012) - AC	8-Jun-13	Iodine-131	5.68E-03	1.02E-02	8.91E-03	pCi/m3
MT1 Meteorological Tower(327976012) - AC	15-Jun-13	Iodine-131	4.76E-04	1.24E-02	7.28E-03	pCi/m3
MT1 Meteorological Tower(328374012) - AC	22-Jun-13	Iodine-131	4.36E-03	1.15E-02	7.18E-03	pCi/m3
MT1 Meteorological Tower(328789012) - AC	29-Jun-13	Iodine-131	-7.64E-05	1.11E-02	6.56E-03	pCi/m3
MT1 Meteorological Tower(326726060) - AC	6-Jul-13	Iodine-131	1.64E-03	1.71E-02	1.00E-02	pCi/m3
MT1 Meteorological Tower(329746012) - AC	13-Jul-13	Iodine-131	4.16E-04	1.93E-02	1.15E-02	pCi/m3
MT1 Meteorological Tower(330256012) - AC	20-Jul-13	Iodine-131	3.53E-03	1.28E-02	7.19E-03	pCi/m3
MT1 Meteorological Tower(330703012) - AC	27-Jul-13	Iodine-131	-9.53E-03	1.61E-02	1.20E-02	pCi/m3
MT1 Meteorological Tower(331165012) - AC	4-Aug-13	Iodine-131	7.50E-03	1.02E-02	7.25E-03	pCi/m3
MT1 Meteorological Tower(331637012) - AC	11-Aug-13	Iodine-131	-2.95E-04	1.46E-02	8.87E-03	pCi/m3
MT1 Meteorological Tower(332036012) - AC	17-Aug-13	Iodine-131	-1.62E-05	2.47E-02	1.46E-02	pCi/m3
MT1 Meteorological Tower(332457012) - AC	24-Aug-13	Iodine-131	-7.89E-04	1.74E-02	1.20E-02	pCi/m3
MT1 Meteorological Tower(332813013) - AC	1-Sep-13	Iodine-131	3.17E-03	1.19E-02	6.95E-03	pCi/m3
MT1 Meteorological Tower(333313012) - AC	7-Sep-13	Iodine-131	-1.17E-03	9.47E-03	5.85E-03	pCi/m3
MT1 Meteorological Tower(333711012) - AC	14-Sep-13	Iodine-131	-1.57E-03	9.29E-03	5.97E-03	pCi/m3
MT1 Meteorological Tower(334177012) - AC	21-Sep-13	Iodine-131	-3.10E-03	1.27E-02	9.64E-03	pCi/m3
MT1 Meteorological Tower(334589012) - AC	28-Sep-13	Iodine-131	6.43E-04	1.20E-02	7.07E-03	pCi/m3
MT1 Meteorological Tower(335322012) - AC	5-Oct-13	Iodine-131	-1.33E-04	8.99E-03	5.24E-03	pCi/m3
MT1 Meteorological Tower(335761012) - AC	12-Oct-13	Iodine-131	-8.20E-04	1.15E-02	7.09E-03	pCi/m3
MT1 Meteorological Tower(336222012) - AC	19-Oct-13	Iodine-131	4.58E-03	1.08E-02	6.06E-03	pCi/m3
MT1 Meteorological Tower(336499012) - AC	26-Oct-13	Iodine-131	-9.75E-04	1.25E-02	7.55E-03	pCi/m3
MT1 Meteorological Tower(337044012) - AC	2-Nov-13	Iodine-131	5.92E-03	1.86E-02	1.07E-02	pCi/m3
MT1 Meteorological Tower(337563007) - AC	9-Nov-13	Iodine-131	7.35E-03	1.26E-02	7.86E-03	pCi/m3
MT1 Meteorological Tower(338021012) - AC	16-Nov-13	Iodine-131	3.23E-03	1.11E-02	6.44E-03	pCi/m3
MT1 Meteorological Tower(338375012) - AC	23-Nov-13	Iodine-131	-3.04E-03	1.39E-02	9.03E-03	pCi/m3
MT1 Meteorological Tower(338672012) - AC	30-Nov-13	Iodine-131	-3.14E-03	1.04E-02	7.07E-03	pCi/m3
MT1 Meteorological Tower(339173012) - AC	7-Dec-13	Iodine-131	5.65E-03	1.35E-02	7.59E-03	pCi/m3
MT1 Meteorological Tower(339736012) - AC	14-Dec-13	Iodine-131	-4.42E-03	1.06E-02	8.58E-03	pCi/m3
MT1 Meteorological Tower(339933012) - AC	20-Dec-13	Iodine-131	-1.76E-03	1.01E-02	7.33E-03	pCi/m3
MT1 Meteorological Tower(340048012) - AC	26-Dec-13	Iodine-131	-6.19E-03	1.32E-02	9.50E-03	pCi/m3

MT1 Meteorological Tower - Air Particulate

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
MT1 Meteorological Tower(318098005) - AP	5-Jan-13	BETA	5.30E-02	1.73E-03	1.34E-02	pCi/m3
MT1 Meteorological Tower(318596005) - AP	12-Jan-13	BETA	2.85E-02	1.46E-03	1.01E-02	pCi/m3
MT1 Meteorological Tower(319014005) - AP	19-Jan-13	BETA	6.86E-02	1.53E-03	1.41E-02	pCi/m3
MT1 Meteorological Tower(319444005) - AP	26-Jan-13	BETA	2.32E-02	1.57E-03	1.02E-02	pCi/m3
MT1 Meteorological Tower(319881005) - AP	2-Feb-13	BETA	4.77E-02	1.54E-03	1.13E-02	pCi/m3
MT1 Meteorological Tower(320343005) - AP	10-Feb-13	BETA	2.82E-02	1.62E-03	1.48E-02	pCi/m3
MT1 Meteorological Tower(320741005) - AP	16-Feb-13	BETA	4.18E-02	1.61E-03	1.41E-02	pCi/m3
MT1 Meteorological Tower(321140005) - AP	23-Feb-13	BETA	1.54E-02	1.52E-03	1.15E-02	pCi/m3
MT1 Meteorological Tower(321493005) - AP	3-Mar-13	BETA	2.69E-02	1.68E-03	1.14E-02	pCi/m3
MT1 Meteorological Tower(321894005) - AP	9-Mar-13	BETA	2.64E-02	1.67E-03	1.11E-02	pCi/m3
MT1 Meteorological Tower(322325005) - AP	16-Mar-13	BETA	2.05E-02	1.55E-03	1.10E-02	pCi/m3
MT1 Meteorological Tower(322681005) - AP	23-Mar-13	BETA	3.15E-02	1.76E-03	1.27E-02	pCi/m3

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MT1 Meteorological Tower(323029005) - AP	30-Mar-13	BETA	1.10E-02	1.57E-03	1.26E-02	pCi/m3
MT1 Meteorological Tower(323662005) - AP	6-Apr-13	BETA	1.04E-02	1.50E-03	1.37E-02	pCi/m3
MT1 Meteorological Tower(324138005) - AP	13-Apr-13	BETA	1.20E-02	1.57E-03	1.17E-02	pCi/m3
MT1 Meteorological Tower(324540005) - AP	20-Apr-13	BETA	1.74E-02	1.51E-03	1.22E-02	pCi/m3
MT1 Meteorological Tower(324940005) - AP	27-Apr-13	BETA	2.65E-02	1.75E-03	1.37E-02	pCi/m3
MT1 Meteorological Tower(325447005) - AP	4-May-13	BETA	3.28E-02	1.46E-03	1.18E-02	pCi/m3
MT1 Meteorological Tower(325880005) - AP	11-May-13	BETA	2.08E-02	1.65E-03	1.34E-02	pCi/m3
MT1 Meteorological Tower(326386005) - AP	18-May-13	BETA	1.87E-02	1.50E-03	1.09E-02	pCi/m3
MT1 Meteorological Tower(326684005) - AP	25-May-13	BETA	1.10E-02	1.71E-03	1.47E-02	pCi/m3
MT1 Meteorological Tower(327062005) - AP	1-Jun-13	BETA	1.46E-02	1.70E-03	1.31E-02	pCi/m3
MT1 Meteorological Tower(327575005) - AP	8-Jun-13	BETA	1.58E-02	1.66E-03	1.24E-02	pCi/m3
MT1 Meteorological Tower(327976005) - AP	15-Jun-13	BETA	9.04E-03	1.62E-03	1.38E-02	pCi/m3
MT1 Meteorological Tower(328374005) - AP	22-Jun-13	BETA	1.05E-02	1.87E-03	1.05E-02	pCi/m3
MT1 Meteorological Tower(328789005) - AP	29-Jun-13	BETA	5.97E-03	1.73E-03	9.87E-03	pCi/m3
MT1 Meteorological Tower(326726061) - AP	6-Jul-13	BETA	9.01E-03	1.70E-03	1.22E-02	pCi/m3
MT1 Meteorological Tower(329746005) - AP	13-Jul-13	BETA	6.14E-03	1.60E-03	1.21E-02	pCi/m3
MT1 Meteorological Tower(330256005) - AP	20-Jul-13	BETA	1.24E-02	1.51E-03	1.29E-02	pCi/m3
MT1 Meteorological Tower(330703005) - AP	27-Jul-13	BETA	9.43E-03	1.72E-03	1.23E-02	pCi/m3
MT1 Meteorological Tower(331165005) - AP	4-Aug-13	BETA	7.97E-03	1.71E-03	1.30E-02	pCi/m3
MT1 Meteorological Tower(331637005) - AP	11-Aug-13	BETA	5.15E-03	1.52E-03	1.41E-02	pCi/m3
MT1 Meteorological Tower(332036005) - AP	17-Aug-13	BETA	1.81E-02	1.63E-03	1.31E-02	pCi/m3
MT1 Meteorological Tower(332457005) - AP	24-Aug-13	BETA	1.07E-02	1.48E-03	1.32E-02	pCi/m3
MT1 Meteorological Tower(332813014) - AP	1-Sep-13	BETA	1.01E-02	1.61E-03	1.31E-02	pCi/m3
MT1 Meteorological Tower(333313005) - AP	7-Sep-13	BETA	8.46E-03	1.56E-03	1.37E-02	pCi/m3
MT1 Meteorological Tower(333711005) - AP	14-Sep-13	BETA	2.07E-02	1.58E-03	1.33E-02	pCi/m3
MT1 Meteorological Tower(334177005) - AP	21-Sep-13	BETA	2.17E-02	1.54E-03	1.25E-02	pCi/m3
MT1 Meteorological Tower(334589005) - AP	28-Sep-13	BETA	2.19E-02	1.80E-03	1.29E-02	pCi/m3
MT1 Meteorological Tower(335322005) - AP	5-Oct-13	BETA	4.19E-02	1.68E-03	1.14E-02	pCi/m3
MT1 Meteorological Tower(335761005) - AP	12-Oct-13	BETA	3.64E-02	1.64E-03	1.17E-02	pCi/m3
MT1 Meteorological Tower(336222005) - AP	19-Oct-13	BETA	7.56E-02	1.73E-03	1.39E-02	pCi/m3
MT1 Meteorological Tower(336499005) - AP	26-Oct-13	BETA	5.82E-02	1.62E-03	1.59E-02	pCi/m3
MT1 Meteorological Tower(337044005) - AP	2-Nov-13	BETA	4.52E-02	1.21E-03	1.05E-02	pCi/m3
MT1 Meteorological Tower(337563008) - AP	9-Nov-13	BETA	5.69E-02	1.44E-03	1.15E-02	pCi/m3
MT1 Meteorological Tower(338021005) - AP	16-Nov-13	BETA	1.98E-02	1.42E-03	1.05E-02	pCi/m3
MT1 Meteorological Tower(338375005) - AP	23-Nov-13	BETA	2.69E-02	1.57E-03	1.52E-02	pCi/m3
MT1 Meteorological Tower(338672005) - AP	30-Nov-13	BETA	7.11E-02	1.19E-03	9.98E-03	pCi/m3
MT1 Meteorological Tower(339173005) - AP	7-Dec-13	BETA	3.57E-02	1.27E-03	1.03E-02	pCi/m3
MT1 Meteorological Tower(339736005) - AP	14-Dec-13	BETA	6.42E-02	1.50E-03	1.39E-02	pCi/m3
MT1 Meteorological Tower(339933005) - AP	20-Dec-13	BETA	4.52E-02	1.81E-03	1.68E-02	pCi/m3
MT1 Meteorological Tower(340048005) - AP	26-Dec-13	BETA	6.95E-02	1.31E-03	1.30E-02	pCi/m3
MT1 Meteorological Tower(323668005) - AP	9-Feb-13	Beryllium-7	1.15E-01	1.41E-02	2.22E-02	pCi/m3
MT1 Meteorological Tower(329524005) - AP	11-May-13	Beryllium-7	7.45E-02	5.88E-03	1.23E-02	pCi/m3
MT1 Meteorological Tower(335772005) - AP	10-Aug-13	Beryllium-7	4.94E-02	9.20E-03	1.17E-02	pCi/m3
MT1 Meteorological Tower(340908005) - AP	12-Nov-13	Beryllium-7	1.28E-01	1.16E-02	2.41E-02	pCi/m3
MT1 Meteorological Tower(323668005) - AP	9-Feb-13	Cesium-134	-2.32E-04	6.75E-04	4.83E-04	pCi/m3

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MT1 Meteorological Tower(329524005) - AP	11-May-13	Cesium-134	1.22E-04	4.45E-04	2.44E-04	pCi/m3
MT1 Meteorological Tower(335772005) - AP	10-Aug-13	Cesium-134	2.05E-04	7.24E-04	4.14E-04	pCi/m3
MT1 Meteorological Tower(340908005) - AP	12-Nov-13	Cesium-134	-2.28E-04	7.83E-04	5.19E-04	pCi/m3
MT1 Meteorological Tower(323668005) - AP	9-Feb-13	Cesium-137	1.21E-04	8.03E-04	4.49E-04	pCi/m3
MT1 Meteorological Tower(329524005) - AP	11-May-13	Cesium-137	9.33E-05	3.74E-04	2.14E-04	pCi/m3
MT1 Meteorological Tower(335772005) - AP	10-Aug-13	Cesium-137	1.49E-04	6.51E-04	3.71E-04	pCi/m3
MT1 Meteorological Tower(340908005) - AP	12-Nov-13	Cesium-137	3.18E-05	7.04E-04	4.12E-04	pCi/m3

OEL Offsite Emergency Lab - Drinking Water

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
OEL Offsite Emergency Lab(319086003) - DW	23-Jan-13	BETA	2.96E+00	1.53E+00	1.19E+00	pCi/L
OEL Offsite Emergency Lab(320090001) - DW	7-Feb-13	BETA	1.74E+00	2.16E+00	1.37E+00	pCi/L
OEL Offsite Emergency Lab(321757001) - DW	11-Mar-13	BETA	9.91E-01	2.05E+00	1.27E+00	pCi/L
OEL Offsite Emergency Lab(323664002) - DW	9-Apr-13	BETA	1.65E+00	1.99E+00	1.29E+00	pCi/L
OEL Offsite Emergency Lab(325438002) - DW	7-May-13	BETA	1.61E+00	1.96E+00	1.25E+00	pCi/L
OEL Offsite Emergency Lab(327464003) - DW	10-Jun-13	BETA	2.20E+00	2.11E+00	1.37E+00	pCi/L
OEL Offsite Emergency Lab(329316003) - DW	9-Jul-13	BETA	2.82E+00	2.69E+00	1.77E+00	pCi/L
OEL Offsite Emergency Lab(331170003) - DW	6-Aug-13	BETA	2.30E+00	2.55E+00	1.62E+00	pCi/L
OEL Offsite Emergency Lab(332974003) - DW	4-Sep-13	BETA	2.12E+00	2.11E+00	1.38E+00	pCi/L
OEL Offsite Emergency Lab(336220003) - DW	22-Oct-13	BETA	1.54E+00	1.63E+00	1.05E+00	pCi/L
OEL Offsite Emergency Lab(337039003) - DW	5-Nov-13	BETA	1.99E+00	1.95E+00	1.26E+00	pCi/L
OEL Offsite Emergency Lab(339164003) - DW	10-Dec-13	BETA	4.91E-01	1.36E+00	8.80E-01	pCi/L
OEL Offsite Emergency Lab(319086003) - DW	23-Jan-13	Barium-140	-1.11E-01	3.32E+00	1.95E+00	pCi/L
OEL Offsite Emergency Lab(320090001) - DW	7-Feb-13	Barium-140	7.82E-01	3.36E+00	1.93E+00	pCi/L
OEL Offsite Emergency Lab(321757001) - DW	11-Mar-13	Barium-140	8.63E-02	3.15E+00	2.18E+00	pCi/L
OEL Offsite Emergency Lab(323664002) - DW	9-Apr-13	Barium-140	9.57E-01	3.01E+00	1.74E+00	pCi/L
OEL Offsite Emergency Lab(325438002) - DW	7-May-13	Barium-140	-8.73E-01	2.58E+00	1.67E+00	pCi/L
OEL Offsite Emergency Lab(327464003) - DW	10-Jun-13	Barium-140	1.08E+00	2.59E+00	1.70E+00	pCi/L
OEL Offsite Emergency Lab(329316003) - DW	9-Jul-13	Barium-140	-2.44E+00	3.28E+00	2.47E+00	pCi/L
OEL Offsite Emergency Lab(331170003) - DW	6-Aug-13	Barium-140	-5.48E-01	2.17E+00	1.61E+00	pCi/L
OEL Offsite Emergency Lab(332974003) - DW	4-Sep-13	Barium-140	-8.94E-01	2.27E+00	1.53E+00	pCi/L
OEL Offsite Emergency Lab(336220003) - DW	22-Oct-13	Barium-140	-4.95E-01	2.25E+00	1.41E+00	pCi/L
OEL Offsite Emergency Lab(337039003) - DW	5-Nov-13	Barium-140	-3.03E-01	3.67E+00	2.20E+00	pCi/L
OEL Offsite Emergency Lab(339164003) - DW	10-Dec-13	Barium-140	1.74E+00	4.53E+00	2.63E+00	pCi/L
OEL Offsite Emergency Lab(319086003) - DW	23-Jan-13	Cesium-134	5.85E-01	2.28E+00	1.36E+00	pCi/L
OEL Offsite Emergency Lab(320090001) - DW	7-Feb-13	Cesium-134	1.15E+00	2.21E+00	1.39E+00	pCi/L
OEL Offsite Emergency Lab(321757001) - DW	11-Mar-13	Cesium-134	7.13E-01	2.18E+00	1.29E+00	pCi/L
OEL Offsite Emergency Lab(323664002) - DW	9-Apr-13	Cesium-134	3.66E-02	2.06E+00	2.07E+00	pCi/L
OEL Offsite Emergency Lab(325438002) - DW	7-May-13	Cesium-134	-4.28E-01	1.88E+00	1.34E+00	pCi/L
OEL Offsite Emergency Lab(327464003) - DW	10-Jun-13	Cesium-134	4.75E-01	1.83E+00	1.47E+00	pCi/L
OEL Offsite Emergency Lab(329316003) - DW	9-Jul-13	Cesium-134	-5.62E-01	1.79E+00	1.13E+00	pCi/L
OEL Offsite Emergency Lab(331170003) - DW	6-Aug-13	Cesium-134	1.58E+00	1.86E+00	1.49E+00	pCi/L
OEL Offsite Emergency Lab(332974003) - DW	4-Sep-13	Cesium-134	-3.42E-01	1.73E+00	1.61E+00	pCi/L
OEL Offsite Emergency Lab(336220003) - DW	22-Oct-13	Cesium-134	1.08E-01	1.80E+00	1.24E+00	pCi/L
OEL Offsite Emergency Lab(337039003) - DW	5-Nov-13	Cesium-134	2.08E+00	2.38E+00	1.58E+00	pCi/L

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OEL Offsite Emergency Lab(339164003) - DW	10-Dec-13	Cesium-134	3.58E-01	2.20E+00	1.31E+00	pCi/L
OEL Offsite Emergency Lab(319086003) - DW	23-Jan-13	Cesium-137	1.52E+00	2.31E+00	1.46E+00	pCi/L
OEL Offsite Emergency Lab(320090001) - DW	7-Feb-13	Cesium-137	9.92E-01	2.15E+00	3.24E+00	pCi/L
OEL Offsite Emergency Lab(321757001) - DW	11-Mar-13	Cesium-137	-1.10E+00	1.91E+00	1.30E+00	pCi/L
OEL Offsite Emergency Lab(323664002) - DW	9-Apr-13	Cesium-137	3.46E-01	1.94E+00	1.14E+00	pCi/L
OEL Offsite Emergency Lab(325438002) - DW	7-May-13	Cesium-137	-2.72E-01	1.75E+00	1.04E+00	pCi/L
OEL Offsite Emergency Lab(327464003) - DW	10-Jun-13	Cesium-137	-1.02E-02	1.68E+00	9.80E-01	pCi/L
OEL Offsite Emergency Lab(329316003) - DW	9-Jul-13	Cesium-137	8.21E-01	1.83E+00	1.11E+00	pCi/L
OEL Offsite Emergency Lab(331170003) - DW	6-Aug-13	Cesium-137	6.18E-01	1.95E+00	1.14E+00	pCi/L
OEL Offsite Emergency Lab(332974003) - DW	4-Sep-13	Cesium-137	3.74E-01	1.62E+00	9.80E-01	pCi/L
OEL Offsite Emergency Lab(336220003) - DW	22-Oct-13	Cesium-137	-8.10E-01	1.72E+00	1.73E+00	pCi/L
OEL Offsite Emergency Lab(337039003) - DW	5-Nov-13	Cesium-137	1.30E-01	2.10E+00	1.26E+00	pCi/L
OEL Offsite Emergency Lab(339164003) - DW	10-Dec-13	Cesium-137	1.18E+00	2.22E+00	1.37E+00	pCi/L
OEL Offsite Emergency Lab(319086003) - DW	23-Jan-13	Cobalt-58	9.43E-01	2.10E+00	1.28E+00	pCi/L
OEL Offsite Emergency Lab(320090001) - DW	7-Feb-13	Cobalt-58	-7.16E-01	1.81E+00	1.20E+00	pCi/L
OEL Offsite Emergency Lab(321757001) - DW	11-Mar-13	Cobalt-58	-4.97E-01	1.79E+00	1.13E+00	pCi/L
OEL Offsite Emergency Lab(323664002) - DW	9-Apr-13	Cobalt-58	3.53E-01	1.70E+00	1.03E+00	pCi/L
OEL Offsite Emergency Lab(325438002) - DW	7-May-13	Cobalt-58	-2.50E-01	1.74E+00	1.05E+00	pCi/L
OEL Offsite Emergency Lab(327464003) - DW	10-Jun-13	Cobalt-58	-1.11E-01	1.48E+00	8.82E-01	pCi/L
OEL Offsite Emergency Lab(329316003) - DW	9-Jul-13	Cobalt-58	-2.53E-01	1.63E+00	1.00E+00	pCi/L
OEL Offsite Emergency Lab(331170003) - DW	6-Aug-13	Cobalt-58	-1.53E-02	1.64E+00	1.13E+00	pCi/L
OEL Offsite Emergency Lab(332974003) - DW	4-Sep-13	Cobalt-58	1.29E-01	1.57E+00	9.11E-01	pCi/L
OEL Offsite Emergency Lab(336220003) - DW	22-Oct-13	Cobalt-58	5.43E-01	1.54E+00	9.69E-01	pCi/L
OEL Offsite Emergency Lab(337039003) - DW	5-Nov-13	Cobalt-58	5.70E-01	2.26E+00	1.31E+00	pCi/L
OEL Offsite Emergency Lab(339164003) - DW	10-Dec-13	Cobalt-58	8.28E-01	2.09E+00	1.26E+00	pCi/L
OEL Offsite Emergency Lab(319086003) - DW	23-Jan-13	Cobalt-60	2.75E-01	2.23E+00	1.32E+00	pCi/L
OEL Offsite Emergency Lab(320090001) - DW	7-Feb-13	Cobalt-60	2.68E-01	2.14E+00	1.41E+00	pCi/L
OEL Offsite Emergency Lab(321757001) - DW	11-Mar-13	Cobalt-60	1.23E-01	2.17E+00	1.27E+00	pCi/L
OEL Offsite Emergency Lab(323664002) - DW	9-Apr-13	Cobalt-60	6.23E-01	2.14E+00	1.26E+00	pCi/L
OEL Offsite Emergency Lab(325438002) - DW	7-May-13	Cobalt-60	6.58E-01	1.70E+00	9.97E-01	pCi/L
OEL Offsite Emergency Lab(327464003) - DW	10-Jun-13	Cobalt-60	4.04E-01	1.64E+00	9.75E-01	pCi/L
OEL Offsite Emergency Lab(329316003) - DW	9-Jul-13	Cobalt-60	-1.01E+00	1.84E+00	1.65E+00	pCi/L
OEL Offsite Emergency Lab(331170003) - DW	6-Aug-13	Cobalt-60	5.66E-01	1.76E+00	1.03E+00	pCi/L
OEL Offsite Emergency Lab(332974003) - DW	4-Sep-13	Cobalt-60	-3.15E-01	1.55E+00	9.74E-01	pCi/L
OEL Offsite Emergency Lab(336220003) - DW	22-Oct-13	Cobalt-60	1.27E+00	1.77E+00	1.12E+00	pCi/L
OEL Offsite Emergency Lab(337039003) - DW	5-Nov-13	Cobalt-60	6.52E-01	2.35E+00	1.40E+00	pCi/L
OEL Offsite Emergency Lab(339164003) - DW	10-Dec-13	Cobalt-60	-1.08E-01	2.23E+00	1.35E+00	pCi/L
OEL Offsite Emergency Lab(319086003) - DW	23-Jan-13	Iodine-131	5.87E-02	5.84E-01	3.46E-01	pCi/L
OEL Offsite Emergency Lab(320090001) - DW	7-Feb-13	Iodine-131	1.10E-01	6.28E-01	3.74E-01	pCi/L
OEL Offsite Emergency Lab(321757001) - DW	11-Mar-13	Iodine-131	-2.14E-01	4.28E-01	2.75E-01	pCi/L
OEL Offsite Emergency Lab(323664002) - DW	9-Apr-13	Iodine-131	-1.08E-01	3.84E-01	2.34E-01	pCi/L
OEL Offsite Emergency Lab(325438002) - DW	7-May-13	Iodine-131	-5.20E-02	5.04E-01	2.97E-01	pCi/L
OEL Offsite Emergency Lab(327464003) - DW	10-Jun-13	Iodine-131	-3.92E-02	4.59E-01	2.72E-01	pCi/L
OEL Offsite Emergency Lab(329316003) - DW	9-Jul-13	Iodine-131	-3.46E-01	7.29E-01	4.80E-01	pCi/L
OEL Offsite Emergency Lab(331170003) - DW	6-Aug-13	Iodine-131	-7.72E-02	6.92E-01	4.09E-01	pCi/L

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OEL Offsite Emergency Lab(332974003) - DW	4-Sep-13	Iodine-131	-5.18E-03	5.95E-01	3.47E-01	pCi/L
OEL Offsite Emergency Lab(336220003) - DW	22-Oct-13	Iodine-131	-1.76E-01	4.97E-01	3.12E-01	pCi/L
OEL Offsite Emergency Lab(337039003) - DW	5-Nov-13	Iodine-131	1.63E-01	5.10E-01	3.06E-01	pCi/L
OEL Offsite Emergency Lab(339164003) - DW	10-Dec-13	Iodine-131	-8.82E-02	6.42E-01	3.81E-01	pCi/L
OEL Offsite Emergency Lab(319086003) - DW	23-Jan-13	Iron-55	4.87E+01	1.48E+02	1.07E+02	pCi/L
OEL Offsite Emergency Lab(320090001) - DW	7-Feb-13	Iron-55	6.38E+00	1.02E+02	6.97E+01	pCi/L
OEL Offsite Emergency Lab(321757001) - DW	11-Mar-13	Iron-55	-3.82E+01	8.32E+01	5.31E+01	pCi/L
OEL Offsite Emergency Lab(323664002) - DW	9-Apr-13	Iron-55	-2.20E+01	1.50E+02	1.07E+02	pCi/L
OEL Offsite Emergency Lab(325438002) - DW	7-May-13	Iron-55	4.96E+01	9.66E+01	7.11E+01	pCi/L
OEL Offsite Emergency Lab(327464003) - DW	10-Jun-13	Iron-55	1.48E+01	7.41E+01	5.38E+01	pCi/L
OEL Offsite Emergency Lab(329316003) - DW	9-Jul-13	Iron-55	-2.28E+01	1.17E+02	7.88E+01	pCi/L
OEL Offsite Emergency Lab(331170003) - DW	6-Aug-13	Iron-55	2.11E+00	1.65E+02	1.18E+02	pCi/L
OEL Offsite Emergency Lab(332974003) - DW	4-Sep-13	Iron-55	1.54E+01	5.69E+01	4.13E+01	pCi/L
OEL Offsite Emergency Lab(336220003) - DW	22-Oct-13	Iron-55	1.77E+01	7.81E+01	5.52E+01	pCi/L
OEL Offsite Emergency Lab(337039003) - DW	5-Nov-13	Iron-55	4.36E+00	7.53E+01	5.20E+01	pCi/L
OEL Offsite Emergency Lab(339164003) - DW	10-Dec-13	Iron-55	1.53E+01	6.12E+01	4.35E+01	pCi/L
OEL Offsite Emergency Lab(319086003) - DW	23-Jan-13	Iron-59	-6.48E-01	3.96E+00	2.41E+00	pCi/L
OEL Offsite Emergency Lab(320090001) - DW	7-Feb-13	Iron-59	1.96E+00	4.20E+00	2.28E+00	pCi/L
OEL Offsite Emergency Lab(321757001) - DW	11-Mar-13	Iron-59	-8.45E-01	3.56E+00	2.87E+00	pCi/L
OEL Offsite Emergency Lab(323664002) - DW	9-Apr-13	Iron-59	1.77E-01	3.61E+00	2.13E+00	pCi/L
OEL Offsite Emergency Lab(325438002) - DW	7-May-13	Iron-59	1.23E+00	3.28E+00	1.98E+00	pCi/L
OEL Offsite Emergency Lab(327464003) - DW	10-Jun-13	Iron-59	-8.47E-02	3.13E+00	1.89E+00	pCi/L
OEL Offsite Emergency Lab(329316003) - DW	9-Jul-13	Iron-59	5.45E-01	3.69E+00	2.29E+00	pCi/L
OEL Offsite Emergency Lab(331170003) - DW	6-Aug-13	Iron-59	-1.99E-01	3.18E+00	1.94E+00	pCi/L
OEL Offsite Emergency Lab(332974003) - DW	4-Sep-13	Iron-59	-9.99E-01	2.68E+00	1.74E+00	pCi/L
OEL Offsite Emergency Lab(336220003) - DW	22-Oct-13	Iron-59	7.47E-01	3.11E+00	1.80E+00	pCi/L
OEL Offsite Emergency Lab(337039003) - DW	5-Nov-13	Iron-59	-1.18E+00	4.08E+00	2.58E+00	pCi/L
OEL Offsite Emergency Lab(339164003) - DW	10-Dec-13	Iron-59	1.08E+00	4.65E+00	2.72E+00	pCi/L
OEL Offsite Emergency Lab(319086003) - DW	23-Jan-13	Lanthanum-140	-1.11E-01	3.32E+00	1.95E+00	pCi/L
OEL Offsite Emergency Lab(320090001) - DW	7-Feb-13	Lanthanum-140	7.82E-01	3.36E+00	1.93E+00	pCi/L
OEL Offsite Emergency Lab(321757001) - DW	11-Mar-13	Lanthanum-140	8.63E-02	3.15E+00	2.18E+00	pCi/L
OEL Offsite Emergency Lab(323664002) - DW	9-Apr-13	Lanthanum-140	9.57E-01	3.01E+00	1.74E+00	pCi/L
OEL Offsite Emergency Lab(325438002) - DW	7-May-13	Lanthanum-140	-8.73E-01	2.58E+00	1.67E+00	pCi/L
OEL Offsite Emergency Lab(327464003) - DW	10-Jun-13	Lanthanum-140	1.08E+00	2.59E+00	1.70E+00	pCi/L
OEL Offsite Emergency Lab(329316003) - DW	9-Jul-13	Lanthanum-140	-2.44E+00	3.28E+00	2.47E+00	pCi/L
OEL Offsite Emergency Lab(331170003) - DW	6-Aug-13	Lanthanum-140	-5.48E-01	2.17E+00	1.61E+00	pCi/L
OEL Offsite Emergency Lab(332974003) - DW	4-Sep-13	Lanthanum-140	-8.94E-01	2.27E+00	1.53E+00	pCi/L
OEL Offsite Emergency Lab(336220003) - DW	22-Oct-13	Lanthanum-140	-4.95E-01	2.25E+00	1.41E+00	pCi/L
OEL Offsite Emergency Lab(337039003) - DW	5-Nov-13	Lanthanum-140	-3.03E-01	3.67E+00	2.20E+00	pCi/L
OEL Offsite Emergency Lab(339164003) - DW	10-Dec-13	Lanthanum-140	1.74E+00	4.53E+00	2.63E+00	pCi/L
OEL Offsite Emergency Lab(319086003) - DW	23-Jan-13	Manganese-54	-3.05E-01	1.91E+00	1.19E+00	pCi/L
OEL Offsite Emergency Lab(320090001) - DW	7-Feb-13	Manganese-54	3.98E-01	1.98E+00	1.19E+00	pCi/L
OEL Offsite Emergency Lab(321757001) - DW	11-Mar-13	Manganese-54	5.28E-02	1.95E+00	1.16E+00	pCi/L
OEL Offsite Emergency Lab(323664002) - DW	9-Apr-13	Manganese-54	-2.99E-01	1.71E+00	1.07E+00	pCi/L
OEL Offsite Emergency Lab(325438002) - DW	7-May-13	Manganese-54	-4.68E-01	1.68E+00	1.04E+00	pCi/L

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OEL Offsite Emergency Lab(327464003) - DW	10-Jun-13	Manganese-54	1.98E-01	1.61E+00	9.43E-01	pCi/L
OEL Offsite Emergency Lab(329316003) - DW	9-Jul-13	Manganese-54	1.09E-01	1.69E+00	1.01E+00	pCi/L
OEL Offsite Emergency Lab(331170003) - DW	6-Aug-13	Manganese-54	-1.01E+00	1.67E+00	1.60E+00	pCi/L
OEL Offsite Emergency Lab(332974003) - DW	4-Sep-13	Manganese-54	-2.85E-02	1.50E+00	8.80E-01	pCi/L
OEL Offsite Emergency Lab(336220003) - DW	22-Oct-13	Manganese-54	-1.15E+00	1.37E+00	1.19E+00	pCi/L
OEL Offsite Emergency Lab(337039003) - DW	5-Nov-13	Manganese-54	1.08E-01	1.86E+00	1.08E+00	pCi/L
OEL Offsite Emergency Lab(339164003) - DW	10-Dec-13	Manganese-54	-4.55E-01	2.04E+00	1.49E+00	pCi/L
OEL Offsite Emergency Lab(319086003) - DW	23-Jan-13	Nickel-63	1.55E+01	3.06E+01	1.88E+01	pCi/L
OEL Offsite Emergency Lab(320090001) - DW	7-Feb-13	Nickel-63	-7.33E+00	2.51E+01	1.48E+01	pCi/L
OEL Offsite Emergency Lab(321757001) - DW	11-Mar-13	Nickel-63	2.47E+01	3.06E+01	1.90E+01	pCi/L
OEL Offsite Emergency Lab(323664002) - DW	9-Apr-13	Nickel-63	1.69E+01	3.37E+01	2.06E+01	pCi/L
OEL Offsite Emergency Lab(325438002) - DW	7-May-13	Nickel-63	6.98E+00	3.69E+01	2.22E+01	pCi/L
OEL Offsite Emergency Lab(327464003) - DW	10-Jun-13	Nickel-63	2.04E+01	3.46E+01	2.19E+01	pCi/L
OEL Offsite Emergency Lab(329316003) - DW	9-Jul-13	Nickel-63	9.72E+00	3.53E+01	2.14E+01	pCi/L
OEL Offsite Emergency Lab(331170003) - DW	6-Aug-13	Nickel-63	-7.76E-01	3.92E+01	2.33E+01	pCi/L
OEL Offsite Emergency Lab(332974003) - DW	4-Sep-13	Nickel-63	-2.72E+01	3.52E+01	2.00E+01	pCi/L
OEL Offsite Emergency Lab(336220003) - DW	22-Oct-13	Nickel-63	5.00E+00	3.21E+01	1.93E+01	pCi/L
OEL Offsite Emergency Lab(337039003) - DW	5-Nov-13	Nickel-63	-9.23E+00	3.22E+01	1.87E+01	pCi/L
OEL Offsite Emergency Lab(339164003) - DW	10-Dec-13	Nickel-63	8.01E+00	3.32E+01	2.02E+01	pCi/L
OEL Offsite Emergency Lab(319086003) - DW	23-Jan-13	Niobium-95	6.95E-01	2.27E+00	1.36E+00	pCi/L
OEL Offsite Emergency Lab(320090001) - DW	7-Feb-13	Niobium-95	1.12E+00	2.05E+00	1.42E+00	pCi/L
OEL Offsite Emergency Lab(321757001) - DW	11-Mar-13	Niobium-95	1.17E+00	2.05E+00	1.26E+00	pCi/L
OEL Offsite Emergency Lab(323664002) - DW	9-Apr-13	Niobium-95	6.64E-01	1.92E+00	1.15E+00	pCi/L
OEL Offsite Emergency Lab(325438002) - DW	7-May-13	Niobium-95	1.55E+00	1.68E+00	1.19E+00	pCi/L
OEL Offsite Emergency Lab(327464003) - DW	10-Jun-13	Niobium-95	1.89E-01	1.56E+00	9.08E-01	pCi/L
OEL Offsite Emergency Lab(329316003) - DW	9-Jul-13	Niobium-95	2.74E-01	1.84E+00	1.09E+00	pCi/L
OEL Offsite Emergency Lab(331170003) - DW	6-Aug-13	Niobium-95	9.61E-01	1.70E+00	1.12E+00	pCi/L
OEL Offsite Emergency Lab(332974003) - DW	4-Sep-13	Niobium-95	8.56E-01	1.63E+00	9.85E-01	pCi/L
OEL Offsite Emergency Lab(336220003) - DW	22-Oct-13	Niobium-95	-4.89E-01	1.55E+00	9.81E-01	pCi/L
OEL Offsite Emergency Lab(337039003) - DW	5-Nov-13	Niobium-95	2.20E+00	2.29E+00	1.61E+00	pCi/L
OEL Offsite Emergency Lab(339164003) - DW	10-Dec-13	Niobium-95	1.45E+00	2.05E+00	1.31E+00	pCi/L
OEL Offsite Emergency Lab(319086003) - DW	23-Jan-13	Total Strontium	1.86E-02	1.38E-01	8.33E-02	pCi/L
OEL Offsite Emergency Lab(320090001) - DW	7-Feb-13	Total Strontium	6.51E-02	1.39E-01	8.77E-02	pCi/L
OEL Offsite Emergency Lab(321757001) - DW	11-Mar-13	Total Strontium	-3.26E-02	2.06E-01	1.21E-01	pCi/L
OEL Offsite Emergency Lab(323664002) - DW	9-Apr-13	Total Strontium	-1.61E-02	1.59E-01	9.38E-02	pCi/L
OEL Offsite Emergency Lab(325438002) - DW	7-May-13	Total Strontium	1.16E-01	1.71E-01	1.11E-01	pCi/L
OEL Offsite Emergency Lab(327464003) - DW	10-Jun-13	Total Strontium	1.06E-02	2.25E-01	1.35E-01	pCi/L
OEL Offsite Emergency Lab(329316003) - DW	9-Jul-13	Total Strontium	-3.07E-01	5.10E-01	2.95E-01	pCi/L
OEL Offsite Emergency Lab(331170003) - DW	6-Aug-13	Total Strontium	3.73E-02	2.27E-01	1.37E-01	pCi/L
OEL Offsite Emergency Lab(332974003) - DW	4-Sep-13	Total Strontium	1.11E-01	2.14E-01	1.35E-01	pCi/L
OEL Offsite Emergency Lab(336220003) - DW	22-Oct-13	Total Strontium	9.01E-02	1.62E-01	1.01E-01	pCi/L
OEL Offsite Emergency Lab(337039003) - DW	5-Nov-13	Total Strontium	3.55E-02	1.42E-01	8.64E-02	pCi/L
OEL Offsite Emergency Lab(339164003) - DW	10-Dec-13	Total Strontium	-9.22E-02	2.24E-01	1.29E-01	pCi/L
OEL Offsite Emergency Lab(319086003) - DW	23-Jan-13	Tritium	-7.22E+01	2.30E+02	1.33E+02	pCi/L
OEL Offsite Emergency Lab(320090001) - DW	7-Feb-13	Tritium	8.04E+00	3.47E+02	2.07E+02	pCi/L

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OEL Offsite Emergency Lab(321757001) - DW	11-Mar-13	Tritium	4.10E+01	2.31E+02	1.40E+02	pCi/L
OEL Offsite Emergency Lab(323664002) - DW	9-Apr-13	Tritium	-4.16E+00	2.39E+02	1.42E+02	pCi/L
OEL Offsite Emergency Lab(325438002) - DW	7-May-13	Tritium	-3.63E+01	2.37E+02	1.39E+02	pCi/L
OEL Offsite Emergency Lab(327464003) - DW	10-Jun-13	Tritium	2.18E+01	2.60E+02	1.56E+02	pCi/L
OEL Offsite Emergency Lab(329316003) - DW	9-Jul-13	Tritium	6.58E+01	2.77E+02	1.69E+02	pCi/L
OEL Offsite Emergency Lab(331170003) - DW	6-Aug-13	Tritium	-1.19E+02	3.01E+02	1.74E+02	pCi/L
OEL Offsite Emergency Lab(332974003) - DW	4-Sep-13	Tritium	6.61E+01	2.75E+02	1.67E+02	pCi/L
OEL Offsite Emergency Lab(336220003) - DW	22-Oct-13	Tritium	-1.58E+01	2.52E+02	1.49E+02	pCi/L
OEL Offsite Emergency Lab(337039003) - DW	5-Nov-13	Tritium	1.13E+02	2.38E+02	1.49E+02	pCi/L
OEL Offsite Emergency Lab(339164003) - DW	10-Dec-13	Tritium	2.70E+01	2.40E+02	1.44E+02	pCi/L
OEL Offsite Emergency Lab(319086003) - DW	23-Jan-13	Zinc-65	7.77E-01	4.21E+00	2.83E+00	pCi/L
OEL Offsite Emergency Lab(320090001) - DW	7-Feb-13	Zinc-65	-3.16E+00	3.76E+00	2.88E+00	pCi/L
OEL Offsite Emergency Lab(321757001) - DW	11-Mar-13	Zinc-65	-1.51E+00	3.67E+00	2.89E+00	pCi/L
OEL Offsite Emergency Lab(323664002) - DW	9-Apr-13	Zinc-65	-7.50E-01	4.27E+00	2.61E+00	pCi/L
OEL Offsite Emergency Lab(325438002) - DW	7-May-13	Zinc-65	2.05E-01	3.79E+00	2.28E+00	pCi/L
OEL Offsite Emergency Lab(327464003) - DW	10-Jun-13	Zinc-65	-1.21E+00	3.36E+00	2.19E+00	pCi/L
OEL Offsite Emergency Lab(329316003) - DW	9-Jul-13	Zinc-65	-2.64E+00	3.37E+00	2.47E+00	pCi/L
OEL Offsite Emergency Lab(331170003) - DW	6-Aug-13	Zinc-65	-1.67E+00	3.56E+00	2.39E+00	pCi/L
OEL Offsite Emergency Lab(332974003) - DW	4-Sep-13	Zinc-65	6.39E-01	3.03E+00	2.03E+00	pCi/L
OEL Offsite Emergency Lab(336220003) - DW	22-Oct-13	Zinc-65	-2.03E+00	3.23E+00	2.23E+00	pCi/L
OEL Offsite Emergency Lab(337039003) - DW	5-Nov-13	Zinc-65	-9.15E-01	4.27E+00	2.65E+00	pCi/L
OEL Offsite Emergency Lab(339164003) - DW	10-Dec-13	Zinc-65	-1.08E+00	4.00E+00	2.51E+00	pCi/L
OEL Offsite Emergency Lab(319086003) - DW	23-Jan-13	Zirconium-95	-1.85E+00	3.31E+00	2.29E+00	pCi/L
OEL Offsite Emergency Lab(320090001) - DW	7-Feb-13	Zirconium-95	9.84E-01	3.62E+00	2.16E+00	pCi/L
OEL Offsite Emergency Lab(321757001) - DW	11-Mar-13	Zirconium-95	-2.87E-02	3.31E+00	1.96E+00	pCi/L
OEL Offsite Emergency Lab(323664002) - DW	9-Apr-13	Zirconium-95	8.65E-01	3.41E+00	2.02E+00	pCi/L
OEL Offsite Emergency Lab(325438002) - DW	7-May-13	Zirconium-95	2.97E-01	3.05E+00	1.78E+00	pCi/L
OEL Offsite Emergency Lab(327464003) - DW	10-Jun-13	Zirconium-95	-7.72E-01	2.76E+00	1.71E+00	pCi/L
OEL Offsite Emergency Lab(329316003) - DW	9-Jul-13	Zirconium-95	-4.60E-01	3.11E+00	1.90E+00	pCi/L
OEL Offsite Emergency Lab(331170003) - DW	6-Aug-13	Zirconium-95	2.09E+00	3.21E+00	2.03E+00	pCi/L
OEL Offsite Emergency Lab(332974003) - DW	4-Sep-13	Zirconium-95	3.28E-02	2.64E+00	1.54E+00	pCi/L
OEL Offsite Emergency Lab(336220003) - DW	22-Oct-13	Zirconium-95	-8.15E-01	2.82E+00	1.77E+00	pCi/L
OEL Offsite Emergency Lab(337039003) - DW	5-Nov-13	Zirconium-95	1.24E+00	3.72E+00	3.23E+00	pCi/L
OEL Offsite Emergency Lab(339164003) - DW	10-Dec-13	Zirconium-95	1.82E+00	3.56E+00	2.18E+00	pCi/L

OUT Plant Outfall - Seawater

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
OUT Plant Outfall(318696001) - SW	14-Jan-13	BETA	2.59E+02	1.05E+02	8.46E+01	pCi/L
OUT Plant Outfall(320520001) - SW	7-Feb-13	BETA	4.24E+02	1.48E+02	1.23E+02	pCi/L
OUT Plant Outfall(321757002) - SW	11-Mar-13	BETA	3.41E+02	6.53E+01	7.62E+01	pCi/L
OUT Plant Outfall(324642001) - SW	22-Apr-13	BETA	2.86E+02	1.23E+02	9.58E+01	pCi/L
OUT Plant Outfall(325981006) - SW	13-May-13	BETA	3.82E+02	1.87E+02	1.36E+02	pCi/L
OUT Plant Outfall(328063001) - SW	17-Jun-13	BETA	1.90E+02	1.80E+02	1.16E+02	pCi/L
OUT Plant Outfall(329924001) - SW	15-Jul-13	BETA	4.65E+02	1.15E+02	1.15E+02	pCi/L
OUT Plant Outfall(331998001) - SW	19-Aug-13	BETA	3.02E+02	1.20E+02	9.64E+01	pCi/L

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OUT Plant Outfall(333405001) - SW	9-Sep-13	BETA	2.70E+02	1.15E+02	8.88E+01	pCi/L
OUT Plant Outfall(336390001) - SW	21-Oct-13	BETA	3.48E+02	1.10E+02	9.51E+01	pCi/L
OUT Plant Outfall(338116001) - SW	18-Nov-13	BETA	2.00E+02	1.11E+02	8.01E+01	pCi/L
OUT Plant Outfall(339387001) - SW	9-Dec-13	BETA	2.32E+02	1.49E+02	1.06E+02	pCi/L
OUT Plant Outfall(318696001) - SW	14-Jan-13	Barium-140	1.32E+00	3.33E+00	1.95E+00	pCi/L
OUT Plant Outfall(320520001) - SW	7-Feb-13	Barium-140	7.69E-01	3.94E+00	2.39E+00	pCi/L
OUT Plant Outfall(321757002) - SW	11-Mar-13	Barium-140	-6.71E-01	2.60E+00	1.63E+00	pCi/L
OUT Plant Outfall(324642001) - SW	22-Apr-13	Barium-140	-1.92E-01	3.10E+00	1.94E+00	pCi/L
OUT Plant Outfall(325981006) - SW	13-May-13	Barium-140	-1.91E+00	2.72E+00	1.99E+00	pCi/L
OUT Plant Outfall(328063001) - SW	17-Jun-13	Barium-140	2.72E-02	3.31E+00	1.96E+00	pCi/L
OUT Plant Outfall(329924001) - SW	15-Jul-13	Barium-140	2.76E+00	4.10E+00	2.55E+00	pCi/L
OUT Plant Outfall(331998001) - SW	19-Aug-13	Barium-140	5.24E-01	2.90E+00	1.71E+00	pCi/L
OUT Plant Outfall(333405001) - SW	9-Sep-13	Barium-140	-4.81E+00	2.64E+00	3.41E+00	pCi/L
OUT Plant Outfall(336390001) - SW	21-Oct-13	Barium-140	-4.52E-01	3.07E+00	1.88E+00	pCi/L
OUT Plant Outfall(338116001) - SW	18-Nov-13	Barium-140	2.12E+00	4.14E+00	2.47E+00	pCi/L
OUT Plant Outfall(339387001) - SW	9-Dec-13	Barium-140	1.13E+00	3.20E+00	1.89E+00	pCi/L
OUT Plant Outfall(318696001) - SW	14-Jan-13	Cesium-134	-2.97E-01	2.10E+00	1.28E+00	pCi/L
OUT Plant Outfall(320520001) - SW	7-Feb-13	Cesium-134	-4.41E-01	2.03E+00	1.43E+00	pCi/L
OUT Plant Outfall(321757002) - SW	11-Mar-13	Cesium-134	3.45E-02	1.92E+00	1.16E+00	pCi/L
OUT Plant Outfall(324642001) - SW	22-Apr-13	Cesium-134	1.57E+00	2.18E+00	1.39E+00	pCi/L
OUT Plant Outfall(325981006) - SW	13-May-13	Cesium-134	-6.94E-01	1.61E+00	1.04E+00	pCi/L
OUT Plant Outfall(328063001) - SW	17-Jun-13	Cesium-134	-6.47E-01	1.80E+00	1.17E+00	pCi/L
OUT Plant Outfall(329924001) - SW	15-Jul-13	Cesium-134	-6.45E-01	2.08E+00	1.45E+00	pCi/L
OUT Plant Outfall(331998001) - SW	19-Aug-13	Cesium-134	4.67E-01	2.02E+00	1.19E+00	pCi/L
OUT Plant Outfall(333405001) - SW	9-Sep-13	Cesium-134	-4.14E-01	1.81E+00	1.27E+00	pCi/L
OUT Plant Outfall(336390001) - SW	21-Oct-13	Cesium-134	3.76E-01	1.78E+00	1.17E+00	pCi/L
OUT Plant Outfall(338116001) - SW	18-Nov-13	Cesium-134	-3.07E-01	2.30E+00	1.41E+00	pCi/L
OUT Plant Outfall(339387001) - SW	9-Dec-13	Cesium-134	5.91E-01	1.81E+00	1.09E+00	pCi/L
OUT Plant Outfall(318696001) - SW	14-Jan-13	Cesium-137	1.80E-01	2.03E+00	1.18E+00	pCi/L
OUT Plant Outfall(320520001) - SW	7-Feb-13	Cesium-137	9.84E-01	1.98E+00	1.24E+00	pCi/L
OUT Plant Outfall(321757002) - SW	11-Mar-13	Cesium-137	9.20E-01	1.92E+00	1.15E+00	pCi/L
OUT Plant Outfall(324642001) - SW	22-Apr-13	Cesium-137	1.39E+00	1.76E+00	1.16E+00	pCi/L
OUT Plant Outfall(325981006) - SW	13-May-13	Cesium-137	1.16E-01	1.75E+00	1.43E+00	pCi/L
OUT Plant Outfall(328063001) - SW	17-Jun-13	Cesium-137	1.02E-01	1.84E+00	1.07E+00	pCi/L
OUT Plant Outfall(329924001) - SW	15-Jul-13	Cesium-137	-3.66E-01	2.14E+00	1.32E+00	pCi/L
OUT Plant Outfall(331998001) - SW	19-Aug-13	Cesium-137	-1.58E-01	2.00E+00	1.18E+00	pCi/L
OUT Plant Outfall(333405001) - SW	9-Sep-13	Cesium-137	1.06E-01	1.70E+00	1.04E+00	pCi/L
OUT Plant Outfall(336390001) - SW	21-Oct-13	Cesium-137	-2.71E-01	1.64E+00	1.03E+00	pCi/L
OUT Plant Outfall(338116001) - SW	18-Nov-13	Cesium-137	-2.98E+00	2.18E+00	2.60E+00	pCi/L
OUT Plant Outfall(339387001) - SW	9-Dec-13	Cesium-137	5.38E-01	1.78E+00	1.05E+00	pCi/L
OUT Plant Outfall(318696001) - SW	14-Jan-13	Cobalt-58	-2.76E-01	1.95E+00	1.19E+00	pCi/L
OUT Plant Outfall(320520001) - SW	7-Feb-13	Cobalt-58	-1.03E+00	1.89E+00	1.45E+00	pCi/L
OUT Plant Outfall(321757002) - SW	11-Mar-13	Cobalt-58	3.75E-02	1.69E+00	9.95E-01	pCi/L
OUT Plant Outfall(324642001) - SW	22-Apr-13	Cobalt-58	-2.68E-01	1.70E+00	1.03E+00	pCi/L
OUT Plant Outfall(325981006) - SW	13-May-13	Cobalt-58	-2.34E-01	1.65E+00	1.71E+00	pCi/L

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OUT Plant Outfall(328063001) - SW	17-Jun-13	Cobalt-58	-2.88E-01	1.85E+00	1.12E+00	pCi/L
OUT Plant Outfall(329924001) - SW	15-Jul-13	Cobalt-58	1.81E-01	2.06E+00	1.39E+00	pCi/L
OUT Plant Outfall(331998001) - SW	19-Aug-13	Cobalt-58	-4.27E-01	1.82E+00	1.11E+00	pCi/L
OUT Plant Outfall(333405001) - SW	9-Sep-13	Cobalt-58	-5.57E-01	1.70E+00	1.07E+00	pCi/L
OUT Plant Outfall(336390001) - SW	21-Oct-13	Cobalt-58	1.23E-01	1.54E+00	1.03E+00	pCi/L
OUT Plant Outfall(338116001) - SW	18-Nov-13	Cobalt-58	-7.36E-01	2.06E+00	1.34E+00	pCi/L
OUT Plant Outfall(339387001) - SW	9-Dec-13	Cobalt-58	-4.24E-01	1.53E+00	1.12E+00	pCi/L
OUT Plant Outfall(318696001) - SW	14-Jan-13	Cobalt-60	5.93E-01	2.19E+00	1.27E+00	pCi/L
OUT Plant Outfall(320520001) - SW	7-Feb-13	Cobalt-60	5.64E-01	1.92E+00	1.28E+00	pCi/L
OUT Plant Outfall(321757002) - SW	11-Mar-13	Cobalt-60	-1.15E-01	1.98E+00	1.22E+00	pCi/L
OUT Plant Outfall(324642001) - SW	22-Apr-13	Cobalt-60	-8.50E-01	1.85E+00	1.21E+00	pCi/L
OUT Plant Outfall(325981006) - SW	13-May-13	Cobalt-60	-1.42E+00	1.91E+00	1.68E+00	pCi/L
OUT Plant Outfall(328063001) - SW	17-Jun-13	Cobalt-60	8.54E-01	2.03E+00	1.33E+00	pCi/L
OUT Plant Outfall(329924001) - SW	15-Jul-13	Cobalt-60	-8.47E-02	2.28E+00	1.36E+00	pCi/L
OUT Plant Outfall(331998001) - SW	19-Aug-13	Cobalt-60	-7.20E-01	1.79E+00	1.15E+00	pCi/L
OUT Plant Outfall(333405001) - SW	9-Sep-13	Cobalt-60	1.52E+00	1.90E+00	1.62E+00	pCi/L
OUT Plant Outfall(336390001) - SW	21-Oct-13	Cobalt-60	9.71E-01	2.06E+00	1.21E+00	pCi/L
OUT Plant Outfall(338116001) - SW	18-Nov-13	Cobalt-60	7.52E-01	2.44E+00	1.46E+00	pCi/L
OUT Plant Outfall(339387001) - SW	9-Dec-13	Cobalt-60	4.08E-02	1.79E+00	1.06E+00	pCi/L
OUT Plant Outfall(318696001) - SW	14-Jan-13	Iodine-131	-5.35E-01	3.01E+00	1.84E+00	pCi/L
OUT Plant Outfall(320520001) - SW	7-Feb-13	Iodine-131	-9.94E-01	5.19E+00	3.11E+00	pCi/L
OUT Plant Outfall(321757002) - SW	11-Mar-13	Iodine-131	-1.34E+00	3.21E+00	2.07E+00	pCi/L
OUT Plant Outfall(324642001) - SW	22-Apr-13	Iodine-131	-1.58E+00	3.48E+00	2.26E+00	pCi/L
OUT Plant Outfall(325981006) - SW	13-May-13	Iodine-131	6.34E-01	3.45E+00	2.04E+00	pCi/L
OUT Plant Outfall(328063001) - SW	17-Jun-13	Iodine-131	-1.27E+00	3.64E+00	2.38E+00	pCi/L
OUT Plant Outfall(329924001) - SW	15-Jul-13	Iodine-131	-8.16E-01	3.73E+00	2.35E+00	pCi/L
OUT Plant Outfall(331998001) - SW	19-Aug-13	Iodine-131	-8.64E-02	3.41E+00	2.01E+00	pCi/L
OUT Plant Outfall(333405001) - SW	9-Sep-13	Iodine-131	-3.24E-01	3.45E+00	2.05E+00	pCi/L
OUT Plant Outfall(336390001) - SW	21-Oct-13	Iodine-131	-1.52E+00	3.24E+00	2.36E+00	pCi/L
OUT Plant Outfall(338116001) - SW	18-Nov-13	Iodine-131	-8.61E-01	4.62E+00	2.83E+00	pCi/L
OUT Plant Outfall(339387001) - SW	9-Dec-13	Iodine-131	-8.97E-01	3.63E+00	2.28E+00	pCi/L
OUT Plant Outfall(318696001) - SW	14-Jan-13	Iron-55	-3.13E+01	1.43E+02	1.00E+02	pCi/L
OUT Plant Outfall(320520001) - SW	7-Feb-13	Iron-55	-7.49E+00	9.80E+01	6.66E+01	pCi/L
OUT Plant Outfall(321757002) - SW	11-Mar-13	Iron-55	9.68E+00	9.99E+01	6.65E+01	pCi/L
OUT Plant Outfall(324642001) - SW	22-Apr-13	Iron-55	-2.02E+01	1.27E+02	9.15E+01	pCi/L
OUT Plant Outfall(325981006) - SW	13-May-13	Iron-55	1.63E+00	1.09E+02	7.41E+01	pCi/L
OUT Plant Outfall(328063001) - SW	17-Jun-13	Iron-55	-1.04E+01	1.07E+02	7.58E+01	pCi/L
OUT Plant Outfall(329924001) - SW	15-Jul-13	Iron-55	7.45E-01	1.10E+02	7.77E+01	pCi/L
OUT Plant Outfall(331998001) - SW	19-Aug-13	Iron-55	1.97E+01	8.07E+01	5.81E+01	pCi/L
OUT Plant Outfall(333405001) - SW	9-Sep-13	Iron-55	-1.22E+01	8.02E+01	5.49E+01	pCi/L
OUT Plant Outfall(336390001) - SW	21-Oct-13	Iron-55	-7.43E+00	7.80E+01	5.32E+01	pCi/L
OUT Plant Outfall(338116001) - SW	18-Nov-13	Iron-55	3.84E+01	6.81E+01	5.23E+01	pCi/L
OUT Plant Outfall(339387001) - SW	9-Dec-13	Iron-55	3.19E+00	6.65E+01	4.70E+01	pCi/L
OUT Plant Outfall(318696001) - SW	14-Jan-13	Iron-59	-2.03E-01	4.11E+00	2.52E+00	pCi/L
OUT Plant Outfall(320520001) - SW	7-Feb-13	Iron-59	-3.90E-01	4.01E+00	2.63E+00	pCi/L

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OUT Plant Outfall(321757002) - SW	11-Mar-13	Iron-59	1.06E-01	3.81E+00	2.28E+00	pCi/L
OUT Plant Outfall(324642001) - SW	22-Apr-13	Iron-59	-2.69E-01	4.11E+00	2.50E+00	pCi/L
OUT Plant Outfall(325981006) - SW	13-May-13	Iron-59	2.38E+00	3.93E+00	2.47E+00	pCi/L
OUT Plant Outfall(328063001) - SW	17-Jun-13	Iron-59	1.89E-02	4.13E+00	2.48E+00	pCi/L
OUT Plant Outfall(329924001) - SW	15-Jul-13	Iron-59	2.55E+00	4.99E+00	3.09E+00	pCi/L
OUT Plant Outfall(331998001) - SW	19-Aug-13	Iron-59	-4.24E-01	3.84E+00	2.76E+00	pCi/L
OUT Plant Outfall(333405001) - SW	9-Sep-13	Iron-59	1.68E+00	4.10E+00	2.80E+00	pCi/L
OUT Plant Outfall(336390001) - SW	21-Oct-13	Iron-59	-1.08E+00	3.66E+00	2.35E+00	pCi/L
OUT Plant Outfall(338116001) - SW	18-Nov-13	Iron-59	-1.43E+00	4.34E+00	2.76E+00	pCi/L
OUT Plant Outfall(339387001) - SW	9-Dec-13	Iron-59	-3.44E-01	3.48E+00	2.06E+00	pCi/L
OUT Plant Outfall(318696001) - SW	14-Jan-13	Lanthanum-140	1.32E+00	3.33E+00	1.95E+00	pCi/L
OUT Plant Outfall(320520001) - SW	7-Feb-13	Lanthanum-140	7.69E-01	3.94E+00	2.39E+00	pCi/L
OUT Plant Outfall(321757002) - SW	11-Mar-13	Lanthanum-140	-6.71E-01	2.60E+00	1.63E+00	pCi/L
OUT Plant Outfall(324642001) - SW	22-Apr-13	Lanthanum-140	-1.92E-01	3.10E+00	1.94E+00	pCi/L
OUT Plant Outfall(325981006) - SW	13-May-13	Lanthanum-140	-1.91E+00	2.72E+00	1.99E+00	pCi/L
OUT Plant Outfall(328063001) - SW	17-Jun-13	Lanthanum-140	2.72E-02	3.31E+00	1.96E+00	pCi/L
OUT Plant Outfall(329924001) - SW	15-Jul-13	Lanthanum-140	2.76E+00	4.10E+00	2.55E+00	pCi/L
OUT Plant Outfall(331998001) - SW	19-Aug-13	Lanthanum-140	5.24E-01	2.90E+00	1.71E+00	pCi/L
OUT Plant Outfall(333405001) - SW	9-Sep-13	Lanthanum-140	-4.81E+00	2.64E+00	3.41E+00	pCi/L
OUT Plant Outfall(336390001) - SW	21-Oct-13	Lanthanum-140	-4.52E-01	3.07E+00	1.88E+00	pCi/L
OUT Plant Outfall(338116001) - SW	18-Nov-13	Lanthanum-140	2.12E+00	4.14E+00	2.47E+00	pCi/L
OUT Plant Outfall(339387001) - SW	9-Dec-13	Lanthanum-140	1.13E+00	3.20E+00	1.89E+00	pCi/L
OUT Plant Outfall(318696001) - SW	14-Jan-13	Manganese-54	-6.72E-02	1.94E+00	1.16E+00	pCi/L
OUT Plant Outfall(320520001) - SW	7-Feb-13	Manganese-54	7.15E-01	1.84E+00	1.10E+00	pCi/L
OUT Plant Outfall(321757002) - SW	11-Mar-13	Manganese-54	1.84E-01	1.62E+00	9.45E-01	pCi/L
OUT Plant Outfall(324642001) - SW	22-Apr-13	Manganese-54	3.07E-01	2.02E+00	1.18E+00	pCi/L
OUT Plant Outfall(325981006) - SW	13-May-13	Manganese-54	-3.20E-01	1.48E+00	9.58E-01	pCi/L
OUT Plant Outfall(328063001) - SW	17-Jun-13	Manganese-54	-8.43E-02	1.89E+00	1.12E+00	pCi/L
OUT Plant Outfall(329924001) - SW	15-Jul-13	Manganese-54	-3.79E-01	2.02E+00	1.23E+00	pCi/L
OUT Plant Outfall(331998001) - SW	19-Aug-13	Manganese-54	3.51E-01	1.88E+00	1.11E+00	pCi/L
OUT Plant Outfall(333405001) - SW	9-Sep-13	Manganese-54	-9.31E-01	1.60E+00	1.09E+00	pCi/L
OUT Plant Outfall(336390001) - SW	21-Oct-13	Manganese-54	2.14E-01	1.73E+00	1.01E+00	pCi/L
OUT Plant Outfall(338116001) - SW	18-Nov-13	Manganese-54	-7.42E-01	1.97E+00	1.50E+00	pCi/L
OUT Plant Outfall(339387001) - SW	9-Dec-13	Manganese-54	-1.34E+00	1.58E+00	1.20E+00	pCi/L
OUT Plant Outfall(318696001) - SW	14-Jan-13	Nickel-63	8.50E+00	3.06E+01	1.85E+01	pCi/L
OUT Plant Outfall(320520001) - SW	7-Feb-13	Nickel-63	7.21E+00	2.06E+01	1.25E+01	pCi/L
OUT Plant Outfall(321757002) - SW	11-Mar-13	Nickel-63	3.07E+01	3.51E+01	2.21E+01	pCi/L
OUT Plant Outfall(324642001) - SW	22-Apr-13	Nickel-63	2.83E+00	3.35E+01	2.00E+01	pCi/L
OUT Plant Outfall(325981006) - SW	13-May-13	Nickel-63	-1.06E+01	3.39E+01	1.99E+01	pCi/L
OUT Plant Outfall(328063001) - SW	17-Jun-13	Nickel-63	1.89E+00	3.29E+01	1.97E+01	pCi/L
OUT Plant Outfall(329924001) - SW	15-Jul-13	Nickel-63	2.68E+01	3.41E+01	2.14E+01	pCi/L
OUT Plant Outfall(331998001) - SW	19-Aug-13	Nickel-63	1.19E+01	2.87E+01	1.77E+01	pCi/L
OUT Plant Outfall(333405001) - SW	9-Sep-13	Nickel-63	-5.29E+00	3.24E+01	1.91E+01	pCi/L
OUT Plant Outfall(336390001) - SW	21-Oct-13	Nickel-63	6.01E+00	1.67E+01	1.02E+01	pCi/L
OUT Plant Outfall(338116001) - SW	18-Nov-13	Nickel-63	-1.21E+01	3.79E+01	2.23E+01	pCi/L

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OUT Plant Outfall(339387001) - SW	9-Dec-13	Nickel-63	-1.63E+01	3.78E+01	2.18E+01	pCi/L
OUT Plant Outfall(318696001) - SW	14-Jan-13	Niobium-95	7.12E-01	2.09E+00	1.24E+00	pCi/L
OUT Plant Outfall(320520001) - SW	7-Feb-13	Niobium-95	9.61E-01	2.02E+00	1.22E+00	pCi/L
OUT Plant Outfall(321757002) - SW	11-Mar-13	Niobium-95	9.36E-01	1.87E+00	1.13E+00	pCi/L
OUT Plant Outfall(324642001) - SW	22-Apr-13	Niobium-95	-2.00E-01	1.93E+00	1.15E+00	pCi/L
OUT Plant Outfall(325981006) - SW	13-May-13	Niobium-95	4.48E-01	1.66E+00	9.65E-01	pCi/L
OUT Plant Outfall(328063001) - SW	17-Jun-13	Niobium-95	1.04E+00	2.06E+00	1.25E+00	pCi/L
OUT Plant Outfall(329924001) - SW	15-Jul-13	Niobium-95	-9.26E-01	2.24E+00	1.64E+00	pCi/L
OUT Plant Outfall(331998001) - SW	19-Aug-13	Niobium-95	1.42E+00	1.95E+00	1.40E+00	pCi/L
OUT Plant Outfall(333405001) - SW	9-Sep-13	Niobium-95	-2.18E-01	1.84E+00	1.47E+00	pCi/L
OUT Plant Outfall(336390001) - SW	21-Oct-13	Niobium-95	-2.88E-01	1.73E+00	1.04E+00	pCi/L
OUT Plant Outfall(338116001) - SW	18-Nov-13	Niobium-95	6.91E-01	2.17E+00	2.76E+00	pCi/L
OUT Plant Outfall(339387001) - SW	9-Dec-13	Niobium-95	6.52E-01	1.75E+00	1.05E+00	pCi/L
OUT Plant Outfall(318696001) - SW	14-Jan-13	Potassium-40	3.15E+02	2.12E+01	4.61E+01	pCi/L
OUT Plant Outfall(320520001) - SW	7-Feb-13	Potassium-40	3.37E+02	1.73E+01	4.50E+01	pCi/L
OUT Plant Outfall(321757002) - SW	11-Mar-13	Potassium-40	3.38E+02	1.67E+01	4.69E+01	pCi/L
OUT Plant Outfall(324642001) - SW	22-Apr-13	Potassium-40	3.14E+02	2.07E+01	4.95E+01	pCi/L
OUT Plant Outfall(325981006) - SW	13-May-13	Potassium-40	3.24E+02	1.60E+01	4.42E+01	pCi/L
OUT Plant Outfall(328063001) - SW	17-Jun-13	Potassium-40	3.60E+02	1.85E+01	4.69E+01	pCi/L
OUT Plant Outfall(329924001) - SW	15-Jul-13	Potassium-40	3.55E+02	2.31E+01	5.14E+01	pCi/L
OUT Plant Outfall(331998001) - SW	19-Aug-13	Potassium-40	3.48E+02	1.66E+01	4.58E+01	pCi/L
OUT Plant Outfall(333405001) - SW	9-Sep-13	Potassium-40	3.28E+02	1.64E+01	4.58E+01	pCi/L
OUT Plant Outfall(336390001) - SW	21-Oct-13	Potassium-40	3.30E+02	1.63E+01	4.55E+01	pCi/L
OUT Plant Outfall(338116001) - SW	18-Nov-13	Potassium-40	3.63E+02	1.83E+01	5.03E+01	pCi/L
OUT Plant Outfall(339387001) - SW	9-Dec-13	Potassium-40	3.70E+02	1.30E+01	4.62E+01	pCi/L
OUT Plant Outfall(318696001) - SW	14-Jan-13	Total Strontium	8.09E-01	1.82E+00	1.14E+00	pCi/L
OUT Plant Outfall(320520001) - SW	7-Feb-13	Total Strontium	1.80E+00	2.77E+00	1.77E+00	pCi/L
OUT Plant Outfall(321757002) - SW	11-Mar-13	Total Strontium	2.59E-01	2.67E+00	1.60E+00	pCi/L
OUT Plant Outfall(324642001) - SW	22-Apr-13	Total Strontium	-9.13E-01	1.92E+00	1.10E+00	pCi/L
OUT Plant Outfall(325981006) - SW	13-May-13	Total Strontium	-1.08E+00	2.97E+00	1.73E+00	pCi/L
OUT Plant Outfall(328063001) - SW	17-Jun-13	Total Strontium	-1.43E+00	4.68E+00	2.73E+00	pCi/L
OUT Plant Outfall(329924001) - SW	15-Jul-13	Total Strontium	1.37E+00	3.05E+00	1.90E+00	pCi/L
OUT Plant Outfall(331998001) - SW	19-Aug-13	Total Strontium	7.34E-01	1.83E+00	1.13E+00	pCi/L
OUT Plant Outfall(333405001) - SW	9-Sep-13	Total Strontium	-1.14E+00	4.89E+00	2.88E+00	pCi/L
OUT Plant Outfall(336390001) - SW	21-Oct-13	Total Strontium	6.63E-01	3.12E+00	1.89E+00	pCi/L
OUT Plant Outfall(338116001) - SW	18-Nov-13	Total Strontium	-9.81E-01	2.09E+00	1.18E+00	pCi/L
OUT Plant Outfall(339387001) - SW	9-Dec-13	Total Strontium	3.51E-01	1.71E+00	1.04E+00	pCi/L
OUT Plant Outfall(318696001) - SW	14-Jan-13	Tritium	6.87E+01	2.48E+02	1.51E+02	pCi/L
OUT Plant Outfall(320520001) - SW	7-Feb-13	Tritium	1.43E+01	2.87E+02	1.71E+02	pCi/L
OUT Plant Outfall(321757002) - SW	11-Mar-13	Tritium	1.43E+02	2.30E+02	1.46E+02	pCi/L
OUT Plant Outfall(324642001) - SW	22-Apr-13	Tritium	5.07E+01	2.38E+02	1.44E+02	pCi/L
OUT Plant Outfall(325981006) - SW	13-May-13	Tritium	5.01E+01	2.06E+02	1.26E+02	pCi/L
OUT Plant Outfall(328063001) - SW	17-Jun-13	Tritium	7.60E+01	2.69E+02	1.66E+02	pCi/L
OUT Plant Outfall(329924001) - SW	15-Jul-13	Tritium	6.69E+01	2.49E+02	1.52E+02	pCi/L
OUT Plant Outfall(331998001) - SW	19-Aug-13	Tritium	-8.63E+01	2.36E+02	1.35E+02	pCi/L

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OUT Plant Outfall(333405001) - SW	9-Sep-13	Tritium	-1.79E+01	2.72E+02	1.61E+02	pCi/L
OUT Plant Outfall(336390001) - SW	21-Oct-13	Tritium	-5.97E+01	2.56E+02	1.50E+02	pCi/L
OUT Plant Outfall(338116001) - SW	18-Nov-13	Tritium	-1.17E+02	2.48E+02	1.42E+02	pCi/L
OUT Plant Outfall(339387001) - SW	9-Dec-13	Tritium	1.64E+01	2.37E+02	1.42E+02	pCi/L
OUT Plant Outfall(318696001) - SW	14-Jan-13	Zinc-65	-8.02E-01	4.49E+00	2.82E+00	pCi/L
OUT Plant Outfall(320520001) - SW	7-Feb-13	Zinc-65	-2.28E+00	3.84E+00	2.87E+00	pCi/L
OUT Plant Outfall(321757002) - SW	11-Mar-13	Zinc-65	1.03E+00	3.82E+00	2.27E+00	pCi/L
OUT Plant Outfall(324642001) - SW	22-Apr-13	Zinc-65	4.64E-01	4.06E+00	2.79E+00	pCi/L
OUT Plant Outfall(325981006) - SW	13-May-13	Zinc-65	1.42E+00	3.28E+00	3.17E+00	pCi/L
OUT Plant Outfall(328063001) - SW	17-Jun-13	Zinc-65	-7.91E-01	4.04E+00	2.52E+00	pCi/L
OUT Plant Outfall(329924001) - SW	15-Jul-13	Zinc-65	-2.91E+00	4.01E+00	5.46E+00	pCi/L
OUT Plant Outfall(331998001) - SW	19-Aug-13	Zinc-65	-1.78E-01	3.84E+00	2.73E+00	pCi/L
OUT Plant Outfall(333405001) - SW	9-Sep-13	Zinc-65	1.48E+00	3.84E+00	2.61E+00	pCi/L
OUT Plant Outfall(336390001) - SW	21-Oct-13	Zinc-65	-1.12E+00	3.87E+00	2.54E+00	pCi/L
OUT Plant Outfall(338116001) - SW	18-Nov-13	Zinc-65	-2.81E+00	4.67E+00	3.23E+00	pCi/L
OUT Plant Outfall(339387001) - SW	9-Dec-13	Zinc-65	-2.84E-01	3.42E+00	2.35E+00	pCi/L
OUT Plant Outfall(318696001) - SW	14-Jan-13	Zirconium-95	4.86E-01	3.71E+00	2.17E+00	pCi/L
OUT Plant Outfall(320520001) - SW	7-Feb-13	Zirconium-95	1.33E+00	3.50E+00	2.07E+00	pCi/L
OUT Plant Outfall(321757002) - SW	11-Mar-13	Zirconium-95	-5.50E-01	2.97E+00	1.79E+00	pCi/L
OUT Plant Outfall(324642001) - SW	22-Apr-13	Zirconium-95	-2.74E-01	3.42E+00	2.03E+00	pCi/L
OUT Plant Outfall(325981006) - SW	13-May-13	Zirconium-95	1.08E+00	2.85E+00	1.68E+00	pCi/L
OUT Plant Outfall(328063001) - SW	17-Jun-13	Zirconium-95	1.24E+00	3.52E+00	2.07E+00	pCi/L
OUT Plant Outfall(329924001) - SW	15-Jul-13	Zirconium-95	1.60E+00	3.93E+00	2.33E+00	pCi/L
OUT Plant Outfall(331998001) - SW	19-Aug-13	Zirconium-95	3.56E+00	3.56E+00	4.35E+00	pCi/L
OUT Plant Outfall(333405001) - SW	9-Sep-13	Zirconium-95	-4.49E-01	2.99E+00	1.79E+00	pCi/L
OUT Plant Outfall(336390001) - SW	21-Oct-13	Zirconium-95	-2.16E+00	2.69E+00	1.99E+00	pCi/L
OUT Plant Outfall(338116001) - SW	18-Nov-13	Zirconium-95	2.25E-01	4.06E+00	2.43E+00	pCi/L
OUT Plant Outfall(339387001) - SW	9-Dec-13	Zirconium-95	6.64E-01	2.90E+00	1.72E+00	pCi/L

OW1 Observation Well 01 - Monitoring Well

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
OW1 Observation Well 01(322087002) - GW	12-Mar-13	BETA	4.25E+00	3.21E+00	2.24E+00	pCi/L
OW1 Observation Well 01(325981002) - GW	9-May-13	BETA	8.59E+00	4.63E+00	3.40E+00	pCi/L
OW1 Observation Well 01(333377002) - GW	5-Sep-13	BETA	1.20E+01	3.03E+00	3.09E+00	pCi/L
OW1 Observation Well 01(335497001) - GW	8-Oct-13	BETA	1.52E+01	7.77E+00	5.72E+00	pCi/L
OW1 Observation Well 01(322087002) - GW	12-Mar-13	Barium-140	-7.69E-01	3.29E+00	2.05E+00	pCi/L
OW1 Observation Well 01(325981002) - GW	9-May-13	Barium-140	-1.20E+00	3.60E+00	2.33E+00	pCi/L
OW1 Observation Well 01(333377002) - GW	5-Sep-13	Barium-140	9.04E-01	3.80E+00	2.19E+00	pCi/L
OW1 Observation Well 01(335497001) - GW	8-Oct-13	Barium-140	-8.47E-01	2.68E+00	1.73E+00	pCi/L
OW1 Observation Well 01(322087002) - GW	12-Mar-13	Cesium-134	-5.72E-01	1.99E+00	1.24E+00	pCi/L
OW1 Observation Well 01(325981002) - GW	9-May-13	Cesium-134	-4.86E-02	1.76E+00	1.06E+00	pCi/L
OW1 Observation Well 01(333377002) - GW	5-Sep-13	Cesium-134	-1.26E-01	1.77E+00	1.08E+00	pCi/L
OW1 Observation Well 01(335497001) - GW	8-Oct-13	Cesium-134	4.24E-01	1.83E+00	1.15E+00	pCi/L
OW1 Observation Well 01(322087002) - GW	12-Mar-13	Cesium-137	1.29E+00	2.06E+00	1.28E+00	pCi/L
OW1 Observation Well 01(325981002) - GW	9-May-13	Cesium-137	-5.71E-01	1.80E+00	1.49E+00	pCi/L

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OW1 Observation Well 01(333377002) - GW	5-Sep-13	Cesium-137	-2.31E-01	2.28E+00	1.92E+00	pCi/L
OW1 Observation Well 01(335497001) - GW	8-Oct-13	Cesium-137	3.81E-02	1.69E+00	9.89E-01	pCi/L
OW1 Observation Well 01(322087002) - GW	12-Mar-13	Cobalt-58	-4.76E-02	1.81E+00	1.07E+00	pCi/L
OW1 Observation Well 01(325981002) - GW	9-May-13	Cobalt-58	5.43E-01	1.66E+00	9.94E-01	pCi/L
OW1 Observation Well 01(333377002) - GW	5-Sep-13	Cobalt-58	-2.00E-01	1.74E+00	1.07E+00	pCi/L
OW1 Observation Well 01(335497001) - GW	8-Oct-13	Cobalt-58	-3.50E-01	1.60E+00	9.87E-01	pCi/L
OW1 Observation Well 01(322087002) - GW	12-Mar-13	Cobalt-60	-4.93E+00	2.16E+00	3.69E+00	pCi/L
OW1 Observation Well 01(325981002) - GW	9-May-13	Cobalt-60	1.64E-01	1.70E+00	1.71E+00	pCi/L
OW1 Observation Well 01(333377002) - GW	5-Sep-13	Cobalt-60	1.45E-01	1.76E+00	1.05E+00	pCi/L
OW1 Observation Well 01(335497001) - GW	8-Oct-13	Cobalt-60	1.46E+00	1.65E+00	1.33E+00	pCi/L
OW1 Observation Well 01(322087002) - GW	12-Mar-13	Iodine-131	6.17E-01	3.82E+00	2.26E+00	pCi/L
OW1 Observation Well 01(325981002) - GW	9-May-13	Iodine-131	2.66E+00	5.20E+00	3.28E+00	pCi/L
OW1 Observation Well 01(333377002) - GW	5-Sep-13	Iodine-131	-3.21E-01	4.90E+00	2.99E+00	pCi/L
OW1 Observation Well 01(335497001) - GW	8-Oct-13	Iodine-131	-2.34E-02	2.95E+00	1.76E+00	pCi/L
OW1 Observation Well 01(322087002) - GW	12-Mar-13	Iron-55	4.59E+01	1.07E+02	7.84E+01	pCi/L
OW1 Observation Well 01(325981002) - GW	9-May-13	Iron-55	-7.07E+00	1.12E+02	7.61E+01	pCi/L
OW1 Observation Well 01(333377002) - GW	5-Sep-13	Iron-55	2.52E+01	5.75E+01	4.25E+01	pCi/L
OW1 Observation Well 01(335497001) - GW	8-Oct-13	Iron-55	3.80E+00	7.22E+01	5.11E+01	pCi/L
OW1 Observation Well 01(322087002) - GW	12-Mar-13	Iron-59	-3.79E-01	3.77E+00	2.31E+00	pCi/L
OW1 Observation Well 01(325981002) - GW	9-May-13	Iron-59	3.07E-01	3.64E+00	2.11E+00	pCi/L
OW1 Observation Well 01(333377002) - GW	5-Sep-13	Iron-59	5.18E-01	3.82E+00	2.23E+00	pCi/L
OW1 Observation Well 01(335497001) - GW	8-Oct-13	Iron-59	1.87E+00	3.48E+00	2.11E+00	pCi/L
OW1 Observation Well 01(322087002) - GW	12-Mar-13	Lanthanum-140	-7.69E-01	3.29E+00	2.05E+00	pCi/L
OW1 Observation Well 01(325981002) - GW	9-May-13	Lanthanum-140	-1.20E+00	3.60E+00	2.33E+00	pCi/L
OW1 Observation Well 01(333377002) - GW	5-Sep-13	Lanthanum-140	9.04E-01	3.80E+00	2.19E+00	pCi/L
OW1 Observation Well 01(335497001) - GW	8-Oct-13	Lanthanum-140	-8.47E-01	2.68E+00	1.73E+00	pCi/L
OW1 Observation Well 01(322087002) - GW	12-Mar-13	Manganese-54	-2.79E-01	1.83E+00	1.28E+00	pCi/L
OW1 Observation Well 01(325981002) - GW	9-May-13	Manganese-54	-3.08E-01	1.53E+00	1.10E+00	pCi/L
OW1 Observation Well 01(333377002) - GW	5-Sep-13	Manganese-54	-4.37E-01	1.67E+00	1.06E+00	pCi/L
OW1 Observation Well 01(335497001) - GW	8-Oct-13	Manganese-54	-3.65E-01	1.50E+00	9.33E-01	pCi/L
OW1 Observation Well 01(322087002) - GW	12-Mar-13	Nickel-63	-1.24E+01	3.66E+01	2.14E+01	pCi/L
OW1 Observation Well 01(325981002) - GW	9-May-13	Nickel-63	1.33E+01	2.15E+01	1.33E+01	pCi/L
OW1 Observation Well 01(333377002) - GW	5-Sep-13	Nickel-63	-2.88E+01	3.59E+01	2.03E+01	pCi/L
OW1 Observation Well 01(335497001) - GW	8-Oct-13	Nickel-63	1.18E+01	3.79E+01	2.32E+01	pCi/L
OW1 Observation Well 01(322087002) - GW	12-Mar-13	Niobium-95	1.93E+00	2.21E+00	1.48E+00	pCi/L
OW1 Observation Well 01(325981002) - GW	9-May-13	Niobium-95	2.63E-01	1.78E+00	1.06E+00	pCi/L
OW1 Observation Well 01(333377002) - GW	5-Sep-13	Niobium-95	1.32E+00	1.61E+00	2.18E+00	pCi/L
OW1 Observation Well 01(335497001) - GW	8-Oct-13	Niobium-95	1.16E+00	1.73E+00	1.22E+00	pCi/L
OW1 Observation Well 01(322087002) - GW	12-Mar-13	Total Strontium	1.94E-01	2.75E-01	1.76E-01	pCi/L
OW1 Observation Well 01(325981002) - GW	9-May-13	Total Strontium	1.65E-01	2.88E-01	1.80E-01	pCi/L
OW1 Observation Well 01(333377002) - GW	5-Sep-13	Total Strontium	3.23E-02	2.02E-01	1.22E-01	pCi/L
OW1 Observation Well 01(335497001) - GW	8-Oct-13	Total Strontium	-1.74E-02	1.99E-01	1.18E-01	pCi/L
OW1 Observation Well 01(322087002) - GW	12-Mar-13	Tritium	1.29E+03	2.33E+02	3.22E+02	pCi/L
OW1 Observation Well 01(325981002) - GW	9-May-13	Tritium	1.33E+03	2.07E+02	3.18E+02	pCi/L
OW1 Observation Well 01(333377002) - GW	5-Sep-13	Tritium	1.28E+03	2.81E+02	3.31E+02	pCi/L

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OW1 Observation Well 01(335497001) - GW	8-Oct-13	Tritium	1.31E+03	2.95E+02	3.41E+02	pCi/L
OW1 Observation Well 01(322087002) - GW	12-Mar-13	Zinc-65	1.76E+00	3.80E+00	2.57E+00	pCi/L
OW1 Observation Well 01(325981002) - GW	9-May-13	Zinc-65	1.26E+00	3.37E+00	2.24E+00	pCi/L
OW1 Observation Well 01(333377002) - GW	5-Sep-13	Zinc-65	4.81E-02	3.01E+00	2.07E+00	pCi/L
OW1 Observation Well 01(335497001) - GW	8-Oct-13	Zinc-65	2.31E-01	2.93E+00	1.96E+00	pCi/L
OW1 Observation Well 01(322087002) - GW	12-Mar-13	Zirconium-95	2.56E+00	3.45E+00	2.20E+00	pCi/L
OW1 Observation Well 01(325981002) - GW	9-May-13	Zirconium-95	1.43E+00	2.90E+00	1.98E+00	pCi/L
OW1 Observation Well 01(333377002) - GW	5-Sep-13	Zirconium-95	1.05E+00	3.19E+00	1.91E+00	pCi/L
OW1 Observation Well 01(335497001) - GW	8-Oct-13	Zirconium-95	8.68E-01	2.77E+00	1.64E+00	pCi/L

PMO Pismo Beach - Sand

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
PMO Pismo Beach(322245002) - SD	14-Mar-13	Cesium-134	5.04E+00	6.02E+01	3.79E+01	pCi/kg
PMO Pismo Beach(330254007) - SD	23-Jul-13	Cesium-134	1.78E+01	9.62E+01	5.44E+01	pCi/kg
PMO Pismo Beach(322245002) - SD	14-Mar-13	Cesium-137	9.68E+00	6.48E+01	3.59E+01	pCi/kg
PMO Pismo Beach(330254007) - SD	23-Jul-13	Cesium-137	-1.34E+01	6.62E+01	4.07E+01	pCi/kg
PMO Pismo Beach(322245002) - SD	14-Mar-13	Iron-55	-7.67E+03	1.03E+04	6.85E+03	pCi/kg
PMO Pismo Beach(330254007) - SD	23-Jul-13	Iron-55	-8.56E+02	1.11E+04	8.08E+03	pCi/kg
PMO Pismo Beach(322245002) - SD	14-Mar-13	Lead-212	4.20E+02	9.85E+01	1.13E+02	pCi/kg
PMO Pismo Beach(322245002) - SD	14-Mar-13	Nickel-63	-4.06E+02	2.67E+03	1.58E+03	pCi/kg
PMO Pismo Beach(330254007) - SD	23-Jul-13	Nickel-63	1.43E+03	2.59E+03	1.61E+03	pCi/kg
PMO Pismo Beach(322245002) - SD	14-Mar-13	Potassium-40	2.41E+04	4.09E+02	2.95E+03	pCi/kg
PMO Pismo Beach(330254007) - SD	23-Jul-13	Potassium-40	2.23E+04	6.67E+02	3.04E+03	pCi/kg
PMO Pismo Beach(322245002) - SD	14-Mar-13	Total Strontium	3.00E+02	6.64E+02	4.51E+02	pCi/kg
PMO Pismo Beach(330254007) - SD	23-Jul-13	Total Strontium	2.39E+02	2.92E+02	1.91E+02	pCi/kg

PON Pacific Ocean North of Diablo Cove - Aquatic Vegetation Kelp

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
PON Pacific Ocean North of Diablo Cove(318699003) - AV Kelp	14-Jan-13	Cesium-134	-1.60E+00	8.70E+00	5.37E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(324567003) - AV Kelp	22-Apr-13	Cesium-134	-2.41E+00	1.06E+01	6.63E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(329744003) - AV Kelp	15-Jul-13	Cesium-134	-4.18E-02	1.24E+01	7.29E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(336217003) - AV Kelp	21-Oct-13	Cesium-134	5.24E+00	2.35E+01	1.39E+01	pCi/kg
PON Pacific Ocean North of Diablo Cove(318699003) - AV Kelp	14-Jan-13	Cesium-137	4.91E-01	8.32E+00	4.90E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(324567003) - AV Kelp	22-Apr-13	Cesium-137	2.07E+00	9.86E+00	5.79E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(329744003) - AV Kelp	15-Jul-13	Cesium-137	4.50E+00	1.13E+01	6.57E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(336217003) - AV Kelp	21-Oct-13	Cesium-137	-4.96E+00	2.07E+01	1.32E+01	pCi/kg
PON Pacific Ocean North of Diablo Cove(318699003) - AV Kelp	14-Jan-13	Cobalt-58	-1.47E+00	8.96E+00	5.50E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(324567003) - AV Kelp	22-Apr-13	Cobalt-58	2.60E+00	1.09E+01	6.50E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(329744003) - AV Kelp	15-Jul-13	Cobalt-58	9.35E+00	1.37E+01	8.53E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(336217003) - AV Kelp	21-Oct-13	Cobalt-58	9.43E+00	2.05E+01	1.22E+01	pCi/kg
PON Pacific Ocean North of Diablo Cove(318699003) - AV Kelp	14-Jan-13	Cobalt-60	-7.99E+00	1.05E+01	7.83E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(324567003) - AV Kelp	22-Apr-13	Cobalt-60	4.45E-01	1.17E+01	7.96E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(329744003) - AV Kelp	15-Jul-13	Cobalt-60	-1.99E+00	1.47E+01	1.03E+01	pCi/kg
PON Pacific Ocean North of Diablo Cove(336217003) - AV Kelp	21-Oct-13	Cobalt-60	5.67E-01	2.43E+01	1.45E+01	pCi/kg
PON Pacific Ocean North of Diablo Cove(318699003) - AV Kelp	14-Jan-13	Potassium-40	1.33E+04	7.08E+01	1.29E+03	pCi/kg

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PON Pacific Ocean North of Diablo Cove(324567003) - AV Kelp	22-Apr-13	Potassium-40	1.48E+04	7.21E+01	1.44E+03	pCi/kg
PON Pacific Ocean North of Diablo Cove(329744003) - AV Kelp	15-Jul-13	Potassium-40	1.36E+04	1.23E+02	1.29E+03	pCi/kg
PON Pacific Ocean North of Diablo Cove(336217003) - AV Kelp	21-Oct-13	Potassium-40	1.47E+04	9.16E+01	1.48E+03	pCi/kg

PON Pacific Ocean North of Diablo Cove - Perch Fish

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
PON Pacific Ocean North of Diablo Cove(320362005) - FH Perch	31-Jan-13	Cesium-134	-9.55E-01	4.33E+00	2.64E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(325440005) - FH Perch	3-May-13	Cesium-134	1.90E-01	4.09E+00	2.81E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(331364007) - FH Perch	15-Aug-13	Cesium-134	5.62E-01	7.23E+00	4.31E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(337931005) - FH Perch	13-Nov-13	Cesium-134	1.39E+00	4.76E+00	2.89E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(320362005) - FH Perch	31-Jan-13	Cesium-137	1.48E+00	4.38E+00	2.95E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(325440005) - FH Perch	3-May-13	Cesium-137	3.84E+00	4.27E+00	3.57E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(331364007) - FH Perch	15-Aug-13	Cesium-137	5.37E+00	6.38E+00	4.62E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(337931005) - FH Perch	13-Nov-13	Cesium-137	2.17E+00	4.45E+00	4.33E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(320362005) - FH Perch	31-Jan-13	Cobalt-58	-2.44E+00	4.60E+00	3.08E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(325440005) - FH Perch	3-May-13	Cobalt-58	-6.77E-01	4.14E+00	2.54E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(331364007) - FH Perch	15-Aug-13	Cobalt-58	2.93E-01	6.85E+00	4.10E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(337931005) - FH Perch	13-Nov-13	Cobalt-58	1.21E+00	4.73E+00	2.80E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(320362005) - FH Perch	31-Jan-13	Cobalt-60	-7.21E-01	5.05E+00	3.03E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(325440005) - FH Perch	3-May-13	Cobalt-60	6.66E-01	4.40E+00	2.56E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(331364007) - FH Perch	15-Aug-13	Cobalt-60	2.20E+00	7.89E+00	4.60E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(337931005) - FH Perch	13-Nov-13	Cobalt-60	-6.13E-01	4.97E+00	2.99E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(320362005) - FH Perch	31-Jan-13	Iron-59	2.42E+00	1.33E+01	7.95E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(325440005) - FH Perch	3-May-13	Iron-59	-2.45E-01	1.14E+01	6.63E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(331364007) - FH Perch	15-Aug-13	Iron-59	-3.56E+00	1.81E+01	1.11E+01	pCi/kg
PON Pacific Ocean North of Diablo Cove(337931005) - FH Perch	13-Nov-13	Iron-59	-6.78E+00	1.06E+01	7.66E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(320362005) - FH Perch	31-Jan-13	Manganese-54	8.32E-01	4.38E+00	2.56E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(325440005) - FH Perch	3-May-13	Manganese-54	-1.12E+00	3.79E+00	2.40E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(331364007) - FH Perch	15-Aug-13	Manganese-54	-1.48E+00	6.54E+00	4.13E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(337931005) - FH Perch	13-Nov-13	Manganese-54	-8.82E-01	3.92E+00	2.44E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(320362005) - FH Perch	31-Jan-13	Potassium-40	3.67E+03	4.02E+01	3.50E+02	pCi/kg
PON Pacific Ocean North of Diablo Cove(325440005) - FH Perch	3-May-13	Potassium-40	3.55E+03	3.24E+01	3.57E+02	pCi/kg
PON Pacific Ocean North of Diablo Cove(331364007) - FH Perch	15-Aug-13	Potassium-40	3.37E+03	6.67E+01	3.63E+02	pCi/kg
PON Pacific Ocean North of Diablo Cove(337931005) - FH Perch	13-Nov-13	Potassium-40	3.57E+03	3.45E+01	3.44E+02	pCi/kg
PON Pacific Ocean North of Diablo Cove(320362005) - FH Perch	31-Jan-13	Zinc-65	-1.83E-02	1.12E+01	6.78E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(325440005) - FH Perch	3-May-13	Zinc-65	6.61E+00	1.01E+01	6.72E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(331364007) - FH Perch	15-Aug-13	Zinc-65	-7.09E-01	1.66E+01	1.15E+01	pCi/kg
PON Pacific Ocean North of Diablo Cove(337931005) - FH Perch	13-Nov-13	Zinc-65	-2.94E+00	1.11E+01	7.09E+00	pCi/kg

PON Pacific Ocean North of Diablo Cove - Rockfish

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
PON Pacific Ocean North of Diablo Cove(320362006) - FH Rockfish	31-Jan-13	Cesium-134	9.27E-01	6.09E+00	3.63E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(325440006) - FH Rockfish	3-May-13	Cesium-134	3.45E+00	5.48E+00	4.02E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(331364004) - FH Rockfish	15-Aug-13	Cesium-134	-2.73E+00	7.77E+00	5.05E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(337931006) - FH Rockfish	13-Nov-13	Cesium-134	4.86E+00	4.86E+00	7.78E+00	pCi/kg

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PON Pacific Ocean North of Diablo Cove(320362006) - FH Rockfish	31-Jan-13	Cesium-137	1.99E+00	5.11E+00	3.81E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(325440006) - FH Rockfish	3-May-13	Cesium-137	3.87E+00	4.87E+00	5.00E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(331364004) - FH Rockfish	15-Aug-13	Cesium-137	2.95E+00	7.58E+00	4.50E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(337931006) - FH Rockfish	13-Nov-13	Cesium-137	-6.53E-01	4.14E+00	2.51E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(320362006) - FH Rockfish	31-Jan-13	Cobalt-58	-4.59E+00	5.61E+00	4.22E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(325440006) - FH Rockfish	3-May-13	Cobalt-58	3.84E+00	5.22E+00	3.50E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(331364004) - FH Rockfish	15-Aug-13	Cobalt-58	4.30E+00	8.08E+00	4.94E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(337931006) - FH Rockfish	13-Nov-13	Cobalt-58	-9.29E-01	4.57E+00	3.60E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(320362006) - FH Rockfish	31-Jan-13	Cobalt-60	2.71E+00	5.71E+00	3.41E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(325440006) - FH Rockfish	3-May-13	Cobalt-60	1.40E+00	5.55E+00	3.29E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(331364004) - FH Rockfish	15-Aug-13	Cobalt-60	-1.58E+00	6.81E+00	4.33E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(337931006) - FH Rockfish	13-Nov-13	Cobalt-60	-4.53E-01	4.14E+00	2.49E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(320362006) - FH Rockfish	31-Jan-13	Iron-59	-2.16E+00	1.22E+01	7.36E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(325440006) - FH Rockfish	3-May-13	Iron-59	1.18E+01	1.55E+01	1.02E+01	pCi/kg
PON Pacific Ocean North of Diablo Cove(331364004) - FH Rockfish	15-Aug-13	Iron-59	1.55E+00	1.78E+01	1.20E+01	pCi/kg
PON Pacific Ocean North of Diablo Cove(337931006) - FH Rockfish	13-Nov-13	Iron-59	1.53E+00	1.19E+01	6.88E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(320362006) - FH Rockfish	31-Jan-13	Manganese-54	1.40E+00	5.33E+00	3.19E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(325440006) - FH Rockfish	3-May-13	Manganese-54	4.72E-01	5.00E+00	3.00E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(331364004) - FH Rockfish	15-Aug-13	Manganese-54	-1.34E-01	7.23E+00	4.38E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(337931006) - FH Rockfish	13-Nov-13	Manganese-54	-5.30E-01	4.19E+00	2.56E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(320362006) - FH Rockfish	31-Jan-13	Potassium-40	3.66E+03	4.00E+01	3.52E+02	pCi/kg
PON Pacific Ocean North of Diablo Cove(325440006) - FH Rockfish	3-May-13	Potassium-40	3.53E+03	4.28E+01	3.41E+02	pCi/kg
PON Pacific Ocean North of Diablo Cove(331364004) - FH Rockfish	15-Aug-13	Potassium-40	3.47E+03	6.13E+01	3.62E+02	pCi/kg
PON Pacific Ocean North of Diablo Cove(320362006) - FH Rockfish	31-Jan-13	Zinc-65	8.41E-01	1.35E+01	7.89E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(325440006) - FH Rockfish	3-May-13	Zinc-65	-4.33E+00	1.29E+01	8.13E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(331364004) - FH Rockfish	15-Aug-13	Zinc-65	-9.62E+00	1.74E+01	1.38E+01	pCi/kg
PON Pacific Ocean North of Diablo Cove(337931006) - FH Rockfish	13-Nov-13	Zinc-65	-3.42E+00	1.04E+01	6.48E+00	pCi/kg

PON Pacific Ocean North of Diablo Cove - Intertidal Mussel

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
PON Pacific Ocean North of Diablo Cove(326965001) - IM	29-May-13	Cesium-134	9.18E-02	5.02E+00	2.94E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(326965001) - IM	29-May-13	Cesium-137	1.10E+00	4.63E+00	3.18E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(326965001) - IM	29-May-13	Cobalt-58	-6.05E-01	4.87E+00	3.06E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(326965001) - IM	29-May-13	Cobalt-60	1.17E+00	5.41E+00	3.15E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(326965001) - IM	29-May-13	Iron-59	-5.16E+00	1.05E+01	7.19E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(326965001) - IM	29-May-13	Manganese-54	2.94E-01	4.52E+00	2.65E+00	pCi/kg
PON Pacific Ocean North of Diablo Cove(326965001) - IM	29-May-13	Potassium-40	1.23E+03	4.32E+01	1.46E+02	pCi/kg
PON Pacific Ocean North of Diablo Cove(326965001) - IM	29-May-13	Zinc-65	-3.36E+00	1.14E+01	7.31E+00	pCi/kg

POS Pacific Ocean South of Diablo Cove - Aquatic Vegetation Kelp

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
POS Pacific Ocean South of Diablo Cove(318699004) - AV Kelp	14-Jan-13	Cesium-134	2.80E+00	1.17E+01	6.99E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(324567004) - AV Kelp	22-Apr-13	Cesium-134	3.11E+00	1.30E+01	8.77E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(329744004) - AV Kelp	15-Jul-13	Cesium-134	5.93E+00	1.14E+01	6.88E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(336217004) - AV Kelp	21-Oct-13	Cesium-134	8.69E+00	1.78E+01	1.08E+01	pCi/kg

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POS Pacific Ocean South of Diablo Cove(318699004) - AV Kelp	14-Jan-13	Cesium-137	1.66E+00	1.07E+01	6.34E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(324567004) - AV Kelp	22-Apr-13	Cesium-137	-4.81E+00	1.06E+01	6.86E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(329744004) - AV Kelp	15-Jul-13	Cesium-137	-1.91E+00	9.05E+00	5.65E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(336217004) - AV Kelp	21-Oct-13	Cesium-137	3.12E+00	1.59E+01	9.31E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(318699004) - AV Kelp	14-Jan-13	Cobalt-58	4.22E+00	1.14E+01	6.89E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(324567004) - AV Kelp	22-Apr-13	Cobalt-58	-2.93E+00	1.17E+01	8.55E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(329744004) - AV Kelp	15-Jul-13	Cobalt-58	-1.45E+00	1.08E+01	6.42E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(336217004) - AV Kelp	21-Oct-13	Cobalt-58	1.63E+00	1.64E+01	9.77E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(318699004) - AV Kelp	14-Jan-13	Cobalt-60	-2.43E+00	1.22E+01	7.96E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(324567004) - AV Kelp	22-Apr-13	Cobalt-60	6.74E+00	1.45E+01	8.59E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(329744004) - AV Kelp	15-Jul-13	Cobalt-60	-5.55E+00	9.94E+00	6.94E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(336217004) - AV Kelp	21-Oct-13	Cobalt-60	-1.03E+01	1.70E+01	1.22E+01	pCi/kg
POS Pacific Ocean South of Diablo Cove(318699004) - AV Kelp	14-Jan-13	Potassium-40	1.45E+04	7.86E+01	1.35E+03	pCi/kg
POS Pacific Ocean South of Diablo Cove(324567004) - AV Kelp	22-Apr-13	Potassium-40	1.49E+04	9.18E+01	1.38E+03	pCi/kg
POS Pacific Ocean South of Diablo Cove(329744004) - AV Kelp	15-Jul-13	Potassium-40	1.27E+04	6.76E+01	1.16E+03	pCi/kg
POS Pacific Ocean South of Diablo Cove(336217004) - AV Kelp	21-Oct-13	Potassium-40	1.78E+04	1.29E+02	1.75E+03	pCi/kg

POS Pacific Ocean South of Diablo Cove - Perch Fish

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
POS Pacific Ocean South of Diablo Cove(320362007) - FH Perch	5-Feb-13	Cesium-134	3.16E+00	5.19E+00	3.24E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(325440007) - FH Perch	2-May-13	Cesium-134	1.80E-01	4.75E+00	2.95E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(331364008) - FH Perch	14-Aug-13	Cesium-134	2.16E+00	5.38E+00	3.17E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(337931007) - FH Perch	12-Nov-13	Cesium-134	1.99E+00	5.22E+00	3.07E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(320362007) - FH Perch	5-Feb-13	Cesium-137	3.09E+00	4.82E+00	3.11E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(325440007) - FH Perch	2-May-13	Cesium-137	3.01E+00	4.27E+00	5.25E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(331364008) - FH Perch	14-Aug-13	Cesium-137	2.32E+00	5.24E+00	3.09E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(337931007) - FH Perch	12-Nov-13	Cesium-137	3.80E-01	4.90E+00	2.94E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(320362007) - FH Perch	5-Feb-13	Cobalt-58	-3.43E-01	4.58E+00	2.71E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(325440007) - FH Perch	2-May-13	Cobalt-58	-3.09E-01	4.77E+00	2.84E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(331364008) - FH Perch	14-Aug-13	Cobalt-58	2.08E+00	5.57E+00	3.29E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(337931007) - FH Perch	12-Nov-13	Cobalt-58	9.33E-01	5.48E+00	3.19E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(320362007) - FH Perch	5-Feb-13	Cobalt-60	2.67E-01	4.87E+00	2.83E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(325440007) - FH Perch	2-May-13	Cobalt-60	1.21E+00	5.00E+00	2.86E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(331364008) - FH Perch	14-Aug-13	Cobalt-60	6.87E-02	5.22E+00	3.53E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(337931007) - FH Perch	12-Nov-13	Cobalt-60	1.97E+00	5.89E+00	3.44E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(320362007) - FH Perch	5-Feb-13	Iron-59	3.55E+00	1.20E+01	7.22E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(325440007) - FH Perch	2-May-13	Iron-59	-3.51E+00	1.17E+01	8.71E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(331364008) - FH Perch	14-Aug-13	Iron-59	-4.71E+00	1.35E+01	8.77E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(337931007) - FH Perch	12-Nov-13	Iron-59	1.12E+00	1.40E+01	8.39E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(320362007) - FH Perch	5-Feb-13	Manganese-54	-5.37E-01	4.11E+00	2.46E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(325440007) - FH Perch	2-May-13	Manganese-54	-1.38E+00	4.40E+00	2.77E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(331364008) - FH Perch	14-Aug-13	Manganese-54	1.51E+00	4.89E+00	3.25E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(337931007) - FH Perch	12-Nov-13	Manganese-54	-5.61E-01	5.05E+00	3.02E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(320362007) - FH Perch	5-Feb-13	Potassium-40	3.59E+03	3.65E+01	3.39E+02	pCi/kg
POS Pacific Ocean South of Diablo Cove(325440007) - FH Perch	2-May-13	Potassium-40	3.49E+03	4.43E+01	3.50E+02	pCi/kg

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POS Pacific Ocean South of Diablo Cove(331364008) - FH Perch	14-Aug-13	Potassium-40	3.23E+03	3.78E+01	3.23E+02	pCi/kg
POS Pacific Ocean South of Diablo Cove(337931007) - FH Perch	12-Nov-13	Potassium-40	3.16E+03	3.67E+01	3.20E+02	pCi/kg
POS Pacific Ocean South of Diablo Cove(320362007) - FH Perch	5-Feb-13	Zinc-65	-2.58E+00	1.08E+01	7.84E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(325440007) - FH Perch	2-May-13	Zinc-65	1.65E-02	1.25E+01	7.52E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(331364008) - FH Perch	14-Aug-13	Zinc-65	-4.55E+00	1.37E+01	8.87E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(337931007) - FH Perch	12-Nov-13	Zinc-65	-1.65E+00	1.33E+01	8.16E+00	pCi/kg

POS Pacific Ocean South of Diablo Cove - Rockfish

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
POS Pacific Ocean South of Diablo Cove(320362008) - FH Rockfsh	5-Feb-13	Cesium-134	6.12E-01	6.32E+00	3.73E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(325440008) - FH Rockfsh	2-May-13	Cesium-134	-9.98E-01	5.26E+00	3.64E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(331364005) - FH Rockfsh	14-Aug-13	Cesium-134	8.62E-01	6.61E+00	3.83E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(337931008) - FH Rockfsh	12-Nov-13	Cesium-134	3.20E+00	4.32E+00	3.49E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(320362008) - FH Rockfsh	5-Feb-13	Cesium-137	1.81E+00	5.60E+00	4.86E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(325440008) - FH Rockfsh	2-May-13	Cesium-137	1.43E+00	5.06E+00	2.98E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(331364005) - FH Rockfsh	14-Aug-13	Cesium-137	3.17E+00	5.98E+00	4.74E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(337931008) - FH Rockfsh	12-Nov-13	Cesium-137	6.99E-01	4.29E+00	3.16E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(320362008) - FH Rockfsh	5-Feb-13	Cobalt-58	1.53E+00	6.38E+00	3.75E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(325440008) - FH Rockfsh	2-May-13	Cobalt-58	8.29E-01	5.08E+00	3.02E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(331364005) - FH Rockfsh	14-Aug-13	Cobalt-58	5.46E-01	6.25E+00	3.64E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(337931008) - FH Rockfsh	12-Nov-13	Cobalt-58	1.39E+00	4.39E+00	2.61E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(320362008) - FH Rockfsh	5-Feb-13	Cobalt-60	-1.08E-01	6.83E+00	4.07E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(325440008) - FH Rockfsh	2-May-13	Cobalt-60	-9.62E-01	6.26E+00	3.88E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(331364005) - FH Rockfsh	14-Aug-13	Cobalt-60	2.66E+00	6.64E+00	3.85E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(337931008) - FH Rockfsh	12-Nov-13	Cobalt-60	-7.65E-01	4.38E+00	2.99E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(320362008) - FH Rockfsh	5-Feb-13	Iron-59	-8.96E+00	1.62E+01	1.27E+01	pCi/kg
POS Pacific Ocean South of Diablo Cove(325440008) - FH Rockfsh	2-May-13	Iron-59	6.13E+00	1.45E+01	8.02E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(331364005) - FH Rockfsh	14-Aug-13	Iron-59	1.33E+00	1.59E+01	9.47E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(337931008) - FH Rockfsh	12-Nov-13	Iron-59	1.30E+00	1.10E+01	6.37E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(320362008) - FH Rockfsh	5-Feb-13	Manganese-54	1.09E+00	6.07E+00	3.58E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(325440008) - FH Rockfsh	2-May-13	Manganese-54	-1.13E-01	4.92E+00	2.98E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(331364005) - FH Rockfsh	14-Aug-13	Manganese-54	2.27E-01	5.75E+00	3.37E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(337931008) - FH Rockfsh	12-Nov-13	Manganese-54	-4.61E-01	4.10E+00	2.48E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(320362008) - FH Rockfsh	5-Feb-13	Potassium-40	3.26E+03	4.79E+01	3.38E+02	pCi/kg
POS Pacific Ocean South of Diablo Cove(325440008) - FH Rockfsh	2-May-13	Potassium-40	3.44E+03	4.46E+01	3.37E+02	pCi/kg
POS Pacific Ocean South of Diablo Cove(331364005) - FH Rockfsh	14-Aug-13	Potassium-40	3.41E+03	5.04E+01	3.67E+02	pCi/kg
POS Pacific Ocean South of Diablo Cove(337931008) - FH Rockfsh	12-Nov-13	Potassium-40	3.48E+03	3.53E+01	3.51E+02	pCi/kg
POS Pacific Ocean South of Diablo Cove(320362008) - FH Rockfsh	5-Feb-13	Zinc-65	-8.03E+00	1.48E+01	9.98E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(325440008) - FH Rockfsh	2-May-13	Zinc-65	-6.97E+00	1.30E+01	8.80E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(331364005) - FH Rockfsh	14-Aug-13	Zinc-65	-2.01E+00	1.44E+01	8.85E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(337931008) - FH Rockfsh	12-Nov-13	Zinc-65	6.16E+00	9.72E+00	6.20E+00	pCi/kg

POS Pacific Ocean South of Diablo Cove - Intertidal Mussel

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
POS Pacific Ocean South of Diablo Cove(321754002) - IM	7-Mar-13	Cesium-134	-2.33E+00	3.79E+00	3.08E+00	pCi/kg

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POS Pacific Ocean South of Diablo Cove(326761003) - IM	28-May-13	Cesium-134	-1.01E+00	6.12E+00	3.77E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(330600001) - IM	25-Jul-13	Cesium-134	2.58E-01	5.52E+00	3.21E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(337931014) - IM	14-Nov-13	Cesium-134	4.39E+00	4.43E+00	4.48E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(321754002) - IM	7-Mar-13	Cesium-137	-2.04E-01	3.69E+00	2.17E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(326761003) - IM	28-May-13	Cesium-137	3.53E+00	6.30E+00	3.81E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(330600001) - IM	25-Jul-13	Cesium-137	9.32E-01	5.06E+00	3.70E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(337931014) - IM	14-Nov-13	Cesium-137	7.12E-01	3.88E+00	3.06E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(321754002) - IM	7-Mar-13	Cobalt-58	7.89E-01	3.79E+00	2.22E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(326761003) - IM	28-May-13	Cobalt-58	-9.82E-01	5.81E+00	3.58E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(330600001) - IM	25-Jul-13	Cobalt-58	8.57E-01	5.45E+00	3.16E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(337931014) - IM	14-Nov-13	Cobalt-58	-9.42E-01	3.99E+00	2.48E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(321754002) - IM	7-Mar-13	Cobalt-60	-1.15E-01	4.85E+00	3.12E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(326761003) - IM	28-May-13	Cobalt-60	1.34E+00	6.25E+00	3.60E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(330600001) - IM	25-Jul-13	Cobalt-60	2.20E-01	4.98E+00	3.48E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(337931014) - IM	14-Nov-13	Cobalt-60	2.64E-01	3.95E+00	2.67E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(321754002) - IM	7-Mar-13	Iron-59	1.89E+00	8.77E+00	5.24E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(326761003) - IM	28-May-13	Iron-59	-1.19E+00	1.41E+01	8.33E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(330600001) - IM	25-Jul-13	Iron-59	-4.81E+00	1.13E+01	9.26E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(337931014) - IM	14-Nov-13	Iron-59	7.90E-01	9.16E+00	5.52E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(321754002) - IM	7-Mar-13	Manganese-54	-1.16E+00	3.24E+00	2.07E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(326761003) - IM	28-May-13	Manganese-54	3.42E+00	6.00E+00	3.65E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(330600001) - IM	25-Jul-13	Manganese-54	2.72E-01	5.09E+00	2.97E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(337931014) - IM	14-Nov-13	Manganese-54	2.50E-02	3.78E+00	2.26E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(321754002) - IM	7-Mar-13	Potassium-40	1.59E+03	3.50E+01	1.79E+02	pCi/kg
POS Pacific Ocean South of Diablo Cove(326761003) - IM	28-May-13	Potassium-40	1.97E+03	4.58E+01	2.31E+02	pCi/kg
POS Pacific Ocean South of Diablo Cove(330600001) - IM	25-Jul-13	Potassium-40	1.74E+03	3.29E+01	1.83E+02	pCi/kg
POS Pacific Ocean South of Diablo Cove(337931014) - IM	14-Nov-13	Potassium-40	1.53E+03	2.86E+01	1.68E+02	pCi/kg
POS Pacific Ocean South of Diablo Cove(321754002) - IM	7-Mar-13	Zinc-65	-2.82E+00	8.23E+00	5.35E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(326761003) - IM	28-May-13	Zinc-65	-1.66E+00	1.48E+01	8.81E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(330600001) - IM	25-Jul-13	Zinc-65	5.96E+00	1.07E+01	6.61E+00	pCi/kg
POS Pacific Ocean South of Diablo Cove(337931014) - IM	14-Nov-13	Zinc-65	-3.44E+00	8.83E+00	5.88E+00	pCi/kg

WN2 Diablo Creek Outlet - Drinking Water

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
WN2 Diablo Creek Outlet(321209001) - DW	27-Feb-13	BETA	2.00E+00	1.61E+00	1.10E+00	pCi/L
WN2 Diablo Creek Outlet(325888002) - DW	14-May-13	BETA	2.12E+00	1.97E+00	1.32E+00	pCi/L
WN2 Diablo Creek Outlet(329479002) - DW	10-Jul-13	BETA	2.84E+00	2.65E+00	1.72E+00	pCi/L
WN2 Diablo Creek Outlet(337163001) - DW	6-Nov-13	BETA	1.56E+00	3.31E+00	2.08E+00	pCi/L
WN2 Diablo Creek Outlet(321209001) - DW	27-Feb-13	Barium-140	-5.81E-01	2.98E+00	1.84E+00	pCi/L
WN2 Diablo Creek Outlet(325888002) - DW	14-May-13	Barium-140	1.22E-01	4.10E+00	2.46E+00	pCi/L
WN2 Diablo Creek Outlet(329479002) - DW	10-Jul-13	Barium-140	1.61E-01	3.29E+00	1.95E+00	pCi/L
WN2 Diablo Creek Outlet(337163001) - DW	6-Nov-13	Barium-140	-1.76E+00	3.02E+00	2.11E+00	pCi/L
WN2 Diablo Creek Outlet(321209001) - DW	27-Feb-13	Cesium-134	-5.37E-01	1.74E+00	1.25E+00	pCi/L
WN2 Diablo Creek Outlet(325888002) - DW	14-May-13	Cesium-134	-6.12E-01	2.55E+00	1.77E+00	pCi/L
WN2 Diablo Creek Outlet(329479002) - DW	10-Jul-13	Cesium-134	6.68E-02	1.76E+00	1.05E+00	pCi/L

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WN2 Diablo Creek Outlet(337163001) - DW	6-Nov-13	Cesium-134	-1.31E+00	2.12E+00	2.16E+00	pCi/L
WN2 Diablo Creek Outlet(321209001) - DW	27-Feb-13	Cesium-137	-6.44E-01	1.74E+00	1.09E+00	pCi/L
WN2 Diablo Creek Outlet(325888002) - DW	14-May-13	Cesium-137	-1.03E+00	2.53E+00	1.63E+00	pCi/L
WN2 Diablo Creek Outlet(329479002) - DW	10-Jul-13	Cesium-137	2.52E-01	1.64E+00	9.59E-01	pCi/L
WN2 Diablo Creek Outlet(337163001) - DW	6-Nov-13	Cesium-137	5.76E-01	2.28E+00	1.35E+00	pCi/L
WN2 Diablo Creek Outlet(321209001) - DW	27-Feb-13	Cobalt-58	5.00E-02	1.74E+00	1.02E+00	pCi/L
WN2 Diablo Creek Outlet(325888002) - DW	14-May-13	Cobalt-58	-4.81E-01	2.36E+00	1.51E+00	pCi/L
WN2 Diablo Creek Outlet(329479002) - DW	10-Jul-13	Cobalt-58	9.97E-01	1.84E+00	1.13E+00	pCi/L
WN2 Diablo Creek Outlet(337163001) - DW	6-Nov-13	Cobalt-58	-5.69E-01	2.10E+00	1.33E+00	pCi/L
WN2 Diablo Creek Outlet(321209001) - DW	27-Feb-13	Cobalt-60	7.39E-01	1.87E+00	1.12E+00	pCi/L
WN2 Diablo Creek Outlet(325888002) - DW	14-May-13	Cobalt-60	8.80E-01	2.76E+00	1.59E+00	pCi/L
WN2 Diablo Creek Outlet(329479002) - DW	10-Jul-13	Cobalt-60	-2.52E+00	1.59E+00	2.06E+00	pCi/L
WN2 Diablo Creek Outlet(337163001) - DW	6-Nov-13	Cobalt-60	-2.30E-01	2.13E+00	1.31E+00	pCi/L
WN2 Diablo Creek Outlet(321209001) - DW	27-Feb-13	Iodine-131	-1.49E-02	5.52E-01	3.29E-01	pCi/L
WN2 Diablo Creek Outlet(325888002) - DW	14-May-13	Iodine-131	-6.21E-02	5.61E-01	3.33E-01	pCi/L
WN2 Diablo Creek Outlet(329479002) - DW	10-Jul-13	Iodine-131	2.90E-01	9.59E-01	5.77E-01	pCi/L
WN2 Diablo Creek Outlet(337163001) - DW	6-Nov-13	Iodine-131	-5.31E-01	4.94E-01	3.96E-01	pCi/L
WN2 Diablo Creek Outlet(321209001) - DW	27-Feb-13	Iron-55	3.14E+01	8.47E+01	6.05E+01	pCi/L
WN2 Diablo Creek Outlet(325888002) - DW	14-May-13	Iron-55	-5.15E+01	1.05E+02	6.72E+01	pCi/L
WN2 Diablo Creek Outlet(329479002) - DW	10-Jul-13	Iron-55	4.83E+01	1.05E+02	7.64E+01	pCi/L
WN2 Diablo Creek Outlet(337163001) - DW	6-Nov-13	Iron-55	8.72E+00	7.79E+01	5.43E+01	pCi/L
WN2 Diablo Creek Outlet(321209001) - DW	27-Feb-13	Iron-59	-2.98E-01	3.43E+00	2.43E+00	pCi/L
WN2 Diablo Creek Outlet(325888002) - DW	14-May-13	Iron-59	-1.66E-01	4.74E+00	3.24E+00	pCi/L
WN2 Diablo Creek Outlet(329479002) - DW	10-Jul-13	Iron-59	-1.97E+00	3.42E+00	2.42E+00	pCi/L
WN2 Diablo Creek Outlet(337163001) - DW	6-Nov-13	Iron-59	1.16E-01	4.35E+00	2.58E+00	pCi/L
WN2 Diablo Creek Outlet(321209001) - DW	27-Feb-13	Lanthanum-140	-5.81E-01	2.98E+00	1.84E+00	pCi/L
WN2 Diablo Creek Outlet(325888002) - DW	14-May-13	Lanthanum-140	1.22E-01	4.10E+00	2.46E+00	pCi/L
WN2 Diablo Creek Outlet(329479002) - DW	10-Jul-13	Lanthanum-140	1.61E-01	3.29E+00	1.95E+00	pCi/L
WN2 Diablo Creek Outlet(337163001) - DW	6-Nov-13	Lanthanum-140	-1.76E+00	3.02E+00	2.11E+00	pCi/L
WN2 Diablo Creek Outlet(321209001) - DW	27-Feb-13	Manganese-54	-2.26E-01	1.58E+00	1.05E+00	pCi/L
WN2 Diablo Creek Outlet(325888002) - DW	14-May-13	Manganese-54	5.92E-01	2.28E+00	1.53E+00	pCi/L
WN2 Diablo Creek Outlet(329479002) - DW	10-Jul-13	Manganese-54	-1.41E-01	1.59E+00	9.59E-01	pCi/L
WN2 Diablo Creek Outlet(337163001) - DW	6-Nov-13	Manganese-54	-3.47E-01	1.99E+00	1.24E+00	pCi/L
WN2 Diablo Creek Outlet(321209001) - DW	27-Feb-13	Nickel-63	1.06E+01	2.34E+01	1.45E+01	pCi/L
WN2 Diablo Creek Outlet(325888002) - DW	14-May-13	Nickel-63	1.06E+01	3.34E+01	2.04E+01	pCi/L
WN2 Diablo Creek Outlet(329479002) - DW	10-Jul-13	Nickel-63	7.27E+00	3.02E+01	1.83E+01	pCi/L
WN2 Diablo Creek Outlet(337163001) - DW	6-Nov-13	Nickel-63	6.86E+00	3.35E+01	2.03E+01	pCi/L
WN2 Diablo Creek Outlet(321209001) - DW	27-Feb-13	Niobium-95	1.56E-01	1.68E+00	9.79E-01	pCi/L
WN2 Diablo Creek Outlet(325888002) - DW	14-May-13	Niobium-95	1.26E-01	2.21E+00	1.30E+00	pCi/L
WN2 Diablo Creek Outlet(329479002) - DW	10-Jul-13	Niobium-95	3.74E-01	1.70E+00	1.06E+00	pCi/L
WN2 Diablo Creek Outlet(337163001) - DW	6-Nov-13	Niobium-95	1.74E+00	2.37E+00	1.93E+00	pCi/L
WN2 Diablo Creek Outlet(321209001) - DW	27-Feb-13	Total Strontium	-8.43E-02	2.39E-01	1.40E-01	pCi/L
WN2 Diablo Creek Outlet(325888002) - DW	14-May-13	Total Strontium	-1.41E-01	2.57E-01	1.48E-01	pCi/L
WN2 Diablo Creek Outlet(329479002) - DW	10-Jul-13	Total Strontium	-5.91E-02	1.25E-01	7.17E-02	pCi/L
WN2 Diablo Creek Outlet(337163001) - DW	6-Nov-13	Total Strontium	1.30E-01	3.36E-01	2.06E-01	pCi/L

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WN2 Diablo Creek Outlet(321209001) - DW	27-Feb-13	Tritium	6.34E+01	2.32E+02	1.42E+02	pCi/L
WN2 Diablo Creek Outlet(325888002) - DW	14-May-13	Tritium	7.94E+01	2.65E+02	1.63E+02	pCi/L
WN2 Diablo Creek Outlet(329479002) - DW	10-Jul-13	Tritium	8.86E+01	2.29E+02	1.43E+02	pCi/L
WN2 Diablo Creek Outlet(337163001) - DW	6-Nov-13	Tritium	-2.73E+00	3.25E+02	1.94E+02	pCi/L
WN2 Diablo Creek Outlet(321209001) - DW	27-Feb-13	Zinc-65	-1.12E+00	3.22E+00	2.10E+00	pCi/L
WN2 Diablo Creek Outlet(325888002) - DW	14-May-13	Zinc-65	2.33E+00	5.36E+00	3.49E+00	pCi/L
WN2 Diablo Creek Outlet(329479002) - DW	10-Jul-13	Zinc-65	-3.18E+00	3.04E+00	2.59E+00	pCi/L
WN2 Diablo Creek Outlet(337163001) - DW	6-Nov-13	Zinc-65	2.64E+00	4.31E+00	2.98E+00	pCi/L
WN2 Diablo Creek Outlet(321209001) - DW	27-Feb-13	Zirconium-95	1.12E+00	3.16E+00	1.85E+00	pCi/L
WN2 Diablo Creek Outlet(325888002) - DW	14-May-13	Zirconium-95	-4.62E-01	4.30E+00	2.60E+00	pCi/L
WN2 Diablo Creek Outlet(329479002) - DW	10-Jul-13	Zirconium-95	3.47E-01	3.09E+00	1.82E+00	pCi/L
WN2 Diablo Creek Outlet(337163001) - DW	6-Nov-13	Zirconium-95	2.03E+00	3.80E+00	2.36E+00	pCi/L

WW2 Water Well 02 - Groundwater

Sample Name	Date Collected	Nuclide	Result	MDC	2 Sigma TPU	Units
WW2 Water Well 02(319580002) - GW	31-Jan-13	BETA	6.18E+00	2.58E+00	2.03E+00	pCi/L
WW2 Water Well 02(320518001) - GW	7-Feb-13	BETA	1.94E+00	4.14E+00	2.56E+00	pCi/L
WW2 Water Well 02(325438004) - GW	7-May-13	BETA	6.92E+00	3.44E+00	2.53E+00	pCi/L
WW2 Water Well 02(328583001) - GW	26-Jun-13	BETA	2.07E+00	1.95E+00	1.29E+00	pCi/L
WW2 Water Well 02(329592001) - GW	10-Jul-13	BETA	2.25E+00	2.66E+00	1.70E+00	pCi/L
WW2 Water Well 02(335659001) - GW	10-Oct-13	BETA	2.93E+00	2.00E+00	1.45E+00	pCi/L
WW2 Water Well 02(319580002) - GW	31-Jan-13	Barium-140	7.70E-01	2.87E+00	1.68E+00	pCi/L
WW2 Water Well 02(320518001) - GW	7-Feb-13	Barium-140	-1.02E+00	3.19E+00	2.04E+00	pCi/L
WW2 Water Well 02(325438004) - GW	7-May-13	Barium-140	-3.36E-01	2.56E+00	1.56E+00	pCi/L
WW2 Water Well 02(328583001) - GW	26-Jun-13	Barium-140	1.28E-01	2.94E+00	1.74E+00	pCi/L
WW2 Water Well 02(329592001) - GW	10-Jul-13	Barium-140	7.41E-01	4.50E+00	2.66E+00	pCi/L
WW2 Water Well 02(335659001) - GW	10-Oct-13	Barium-140	1.12E-01	3.98E+00	2.34E+00	pCi/L
WW2 Water Well 02(319580002) - GW	31-Jan-13	Cesium-134	8.24E-01	2.16E+00	1.41E+00	pCi/L
WW2 Water Well 02(320518001) - GW	7-Feb-13	Cesium-134	7.80E-01	1.75E+00	1.10E+00	pCi/L
WW2 Water Well 02(325438004) - GW	7-May-13	Cesium-134	-4.59E-01	1.77E+00	1.15E+00	pCi/L
WW2 Water Well 02(328583001) - GW	26-Jun-13	Cesium-134	6.71E-01	1.94E+00	1.14E+00	pCi/L
WW2 Water Well 02(329592001) - GW	10-Jul-13	Cesium-134	-3.96E-01	2.13E+00	1.29E+00	pCi/L
WW2 Water Well 02(335659001) - GW	10-Oct-13	Cesium-134	5.38E-02	2.31E+00	1.34E+00	pCi/L
WW2 Water Well 02(319580002) - GW	31-Jan-13	Cesium-137	-1.30E+00	1.93E+00	1.37E+00	pCi/L
WW2 Water Well 02(320518001) - GW	7-Feb-13	Cesium-137	-7.22E-02	1.64E+00	9.62E-01	pCi/L
WW2 Water Well 02(325438004) - GW	7-May-13	Cesium-137	9.39E-01	1.70E+00	1.54E+00	pCi/L
WW2 Water Well 02(328583001) - GW	26-Jun-13	Cesium-137	-1.26E-01	2.02E+00	1.25E+00	pCi/L
WW2 Water Well 02(329592001) - GW	10-Jul-13	Cesium-137	-1.46E+00	1.84E+00	1.38E+00	pCi/L
WW2 Water Well 02(335659001) - GW	10-Oct-13	Cesium-137	1.21E+00	2.23E+00	1.55E+00	pCi/L
WW2 Water Well 02(319580002) - GW	31-Jan-13	Cobalt-58	-3.37E-01	1.83E+00	1.28E+00	pCi/L
WW2 Water Well 02(320518001) - GW	7-Feb-13	Cobalt-58	-1.37E-01	1.66E+00	9.88E-01	pCi/L
WW2 Water Well 02(325438004) - GW	7-May-13	Cobalt-58	-1.20E-01	1.67E+00	1.05E+00	pCi/L
WW2 Water Well 02(328583001) - GW	26-Jun-13	Cobalt-58	-9.44E-01	1.68E+00	1.13E+00	pCi/L
WW2 Water Well 02(329592001) - GW	10-Jul-13	Cobalt-58	-2.75E-01	2.25E+00	1.35E+00	pCi/L
WW2 Water Well 02(335659001) - GW	10-Oct-13	Cobalt-58	1.14E-01	2.03E+00	1.18E+00	pCi/L

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WW2 Water Well 02(319580002) - GW	31-Jan-13	Cobalt-60	-1.31E-01	1.86E+00	1.29E+00	pCi/L
WW2 Water Well 02(320518001) - GW	7-Feb-13	Cobalt-60	1.18E+00	1.58E+00	1.67E+00	pCi/L
WW2 Water Well 02(325438004) - GW	7-May-13	Cobalt-60	-3.16E-01	1.79E+00	1.08E+00	pCi/L
WW2 Water Well 02(328583001) - GW	26-Jun-13	Cobalt-60	-2.81E-01	1.59E+00	1.13E+00	pCi/L
WW2 Water Well 02(329592001) - GW	10-Jul-13	Cobalt-60	-2.34E-01	1.94E+00	2.36E+00	pCi/L
WW2 Water Well 02(335659001) - GW	10-Oct-13	Cobalt-60	2.29E+00	2.29E+00	2.48E+00	pCi/L
WW2 Water Well 02(319580002) - GW	31-Jan-13	Iodine-131	-6.62E-01	3.07E+00	1.84E+00	pCi/L
WW2 Water Well 02(320518001) - GW	7-Feb-13	Iodine-131	-3.70E-01	4.59E+00	2.75E+00	pCi/L
WW2 Water Well 02(325438004) - GW	7-May-13	Iodine-131	-5.16E-01	2.79E+00	1.66E+00	pCi/L
WW2 Water Well 02(328583001) - GW	26-Jun-13	Iodine-131	3.37E-01	3.49E+00	2.04E+00	pCi/L
WW2 Water Well 02(329592001) - GW	10-Jul-13	Iodine-131	-1.64E+00	5.17E+00	3.32E+00	pCi/L
WW2 Water Well 02(335659001) - GW	10-Oct-13	Iodine-131	-1.72E-01	4.25E+00	2.61E+00	pCi/L
WW2 Water Well 02(319580002) - GW	31-Jan-13	Iron-55	6.63E+00	7.54E+01	5.33E+01	pCi/L
WW2 Water Well 02(320518001) - GW	7-Feb-13	Iron-55	-1.31E+01	1.00E+02	6.71E+01	pCi/L
WW2 Water Well 02(325438004) - GW	7-May-13	Iron-55	6.68E+00	1.12E+02	7.84E+01	pCi/L
WW2 Water Well 02(328583001) - GW	26-Jun-13	Iron-55	-6.17E+01	1.49E+02	9.74E+01	pCi/L
WW2 Water Well 02(329592001) - GW	10-Jul-13	Iron-55	2.19E+01	1.11E+02	7.83E+01	pCi/L
WW2 Water Well 02(335659001) - GW	10-Oct-13	Iron-55	-3.33E+00	7.60E+01	5.38E+01	pCi/L
WW2 Water Well 02(319580002) - GW	31-Jan-13	Iron-59	3.31E-01	3.84E+00	2.28E+00	pCi/L
WW2 Water Well 02(320518001) - GW	7-Feb-13	Iron-59	3.71E-02	3.39E+00	2.37E+00	pCi/L
WW2 Water Well 02(325438004) - GW	7-May-13	Iron-59	1.96E-01	3.19E+00	1.90E+00	pCi/L
WW2 Water Well 02(328583001) - GW	26-Jun-13	Iron-59	6.50E-01	3.52E+00	2.10E+00	pCi/L
WW2 Water Well 02(329592001) - GW	10-Jul-13	Iron-59	8.94E-01	4.61E+00	2.75E+00	pCi/L
WW2 Water Well 02(335659001) - GW	10-Oct-13	Iron-59	-6.03E-01	4.28E+00	2.61E+00	pCi/L
WW2 Water Well 02(319580002) - GW	31-Jan-13	Lanthanum-140	7.70E-01	2.87E+00	1.68E+00	pCi/L
WW2 Water Well 02(320518001) - GW	7-Feb-13	Lanthanum-140	-1.02E+00	3.19E+00	2.04E+00	pCi/L
WW2 Water Well 02(325438004) - GW	7-May-13	Lanthanum-140	-3.36E-01	2.56E+00	1.56E+00	pCi/L
WW2 Water Well 02(328583001) - GW	26-Jun-13	Lanthanum-140	1.28E-01	2.94E+00	1.74E+00	pCi/L
WW2 Water Well 02(329592001) - GW	10-Jul-13	Lanthanum-140	7.41E-01	4.50E+00	2.66E+00	pCi/L
WW2 Water Well 02(335659001) - GW	10-Oct-13	Lanthanum-140	1.12E-01	3.98E+00	2.34E+00	pCi/L
WW2 Water Well 02(319580002) - GW	31-Jan-13	Manganese-54	-1.18E+00	1.78E+00	1.23E+00	pCi/L
WW2 Water Well 02(320518001) - GW	7-Feb-13	Manganese-54	-3.07E-01	1.55E+00	9.45E-01	pCi/L
WW2 Water Well 02(325438004) - GW	7-May-13	Manganese-54	-3.94E-01	1.63E+00	9.97E-01	pCi/L
WW2 Water Well 02(328583001) - GW	26-Jun-13	Manganese-54	-1.92E-01	1.70E+00	1.18E+00	pCi/L
WW2 Water Well 02(329592001) - GW	10-Jul-13	Manganese-54	-9.15E-01	1.83E+00	1.21E+00	pCi/L
WW2 Water Well 02(335659001) - GW	10-Oct-13	Manganese-54	7.65E-01	2.11E+00	1.41E+00	pCi/L
WW2 Water Well 02(319580002) - GW	31-Jan-13	Nickel-63	1.10E+01	3.02E+01	1.85E+01	pCi/L
WW2 Water Well 02(320518001) - GW	7-Feb-13	Nickel-63	5.43E+00	3.14E+01	1.89E+01	pCi/L
WW2 Water Well 02(325438004) - GW	7-May-13	Nickel-63	3.64E+00	3.30E+01	1.98E+01	pCi/L
WW2 Water Well 02(328583001) - GW	26-Jun-13	Nickel-63	-1.23E+00	3.59E+01	2.14E+01	pCi/L
WW2 Water Well 02(329592001) - GW	10-Jul-13	Nickel-63	6.34E+00	3.56E+01	2.15E+01	pCi/L
WW2 Water Well 02(335659001) - GW	10-Oct-13	Nickel-63	-4.51E+00	3.48E+01	2.05E+01	pCi/L
WW2 Water Well 02(319580002) - GW	31-Jan-13	Niobium-95	2.33E+00	2.33E+00	2.00E+00	pCi/L
WW2 Water Well 02(320518001) - GW	7-Feb-13	Niobium-95	6.74E-01	1.72E+00	1.03E+00	pCi/L
WW2 Water Well 02(325438004) - GW	7-May-13	Niobium-95	1.69E+00	1.69E+00	2.18E+00	pCi/L

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WW2 Water Well 02(328583001) - GW	26-Jun-13	Niobium-95	1.30E+00	1.91E+00	1.32E+00	pCi/L
WW2 Water Well 02(329592001) - GW	10-Jul-13	Niobium-95	-5.71E-01	2.44E+00	1.70E+00	pCi/L
WW2 Water Well 02(335659001) - GW	10-Oct-13	Niobium-95	7.35E-03	2.15E+00	1.30E+00	pCi/L
WW2 Water Well 02(319580002) - GW	31-Jan-13	Total Strontium	5.92E-02	1.51E-01	9.38E-02	pCi/L
WW2 Water Well 02(320518001) - GW	7-Feb-13	Total Strontium	2.16E-02	2.35E-01	1.40E-01	pCi/L
WW2 Water Well 02(325438004) - GW	7-May-13	Total Strontium	1.15E-01	2.09E-01	1.32E-01	pCi/L
WW2 Water Well 02(328583001) - GW	26-Jun-13	Total Strontium	8.27E-02	1.45E-01	9.33E-02	pCi/L
WW2 Water Well 02(329592001) - GW	10-Jul-13	Total Strontium	-1.80E-02	2.06E-01	1.22E-01	pCi/L
WW2 Water Well 02(335659001) - GW	10-Oct-13	Total Strontium	-4.59E-02	1.90E-01	1.11E-01	pCi/L
WW2 Water Well 02(319580002) - GW	31-Jan-13	Tritium	-1.04E+01	2.56E+02	1.52E+02	pCi/L
WW2 Water Well 02(320518001) - GW	7-Feb-13	Tritium	-9.44E+01	2.91E+02	1.69E+02	pCi/L
WW2 Water Well 02(325438004) - GW	7-May-13	Tritium	6.92E+00	2.41E+02	1.44E+02	pCi/L
WW2 Water Well 02(328583001) - GW	26-Jun-13	Tritium	1.74E+02	2.45E+02	1.58E+02	pCi/L
WW2 Water Well 02(329592001) - GW	10-Jul-13	Tritium	6.17E+01	2.31E+02	1.41E+02	pCi/L
WW2 Water Well 02(335659001) - GW	10-Oct-13	Tritium	-3.69E+01	2.56E+02	1.51E+02	pCi/L
WW2 Water Well 02(319580002) - GW	31-Jan-13	Zinc-65	1.38E+00	4.10E+00	2.83E+00	pCi/L
WW2 Water Well 02(320518001) - GW	7-Feb-13	Zinc-65	1.10E+00	3.16E+00	2.15E+00	pCi/L
WW2 Water Well 02(325438004) - GW	7-May-13	Zinc-65	9.39E-01	3.64E+00	2.46E+00	pCi/L
WW2 Water Well 02(328583001) - GW	26-Jun-13	Zinc-65	9.16E-01	3.48E+00	2.36E+00	pCi/L
WW2 Water Well 02(329592001) - GW	10-Jul-13	Zinc-65	-4.32E-01	4.25E+00	3.07E+00	pCi/L
WW2 Water Well 02(335659001) - GW	10-Oct-13	Zinc-65	8.18E-01	4.40E+00	3.00E+00	pCi/L
WW2 Water Well 02(319580002) - GW	31-Jan-13	Zirconium-95	9.39E-01	3.42E+00	2.00E+00	pCi/L
WW2 Water Well 02(320518001) - GW	7-Feb-13	Zirconium-95	2.07E-01	2.84E+00	1.66E+00	pCi/L
WW2 Water Well 02(325438004) - GW	7-May-13	Zirconium-95	1.96E-01	3.13E+00	1.81E+00	pCi/L
WW2 Water Well 02(328583001) - GW	26-Jun-13	Zirconium-95	1.92E+00	3.35E+00	2.05E+00	pCi/L
WW2 Water Well 02(329592001) - GW	10-Jul-13	Zirconium-95	-1.57E+00	3.74E+00	2.39E+00	pCi/L
WW2 Water Well 02(335659001) - GW	10-Oct-13	Zirconium-95	-9.58E-01	3.55E+00	2.27E+00	pCi/L