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Periodic Monitoring Report for White Rock Watershed, April 30–May 7, 2007



Prepared by Environmental Programs Directorate

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Periodic Monitoring Report for White Rock Watershed April 30–May 7, 2007

November 2007

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EXECUTIVE SUMMARY

The purpose of this report is to provide the results of the periodic monitoring event (PME) conducted by Los Alamos National Laboratory in the White Rock Watershed. The PME for White Rock Watershed was conducted pursuant to the "Interim Facility-Wide Groundwater Monitoring Plan" prepared under the March 1, 2005, Compliance Order on Consent.

The PME documented in this report occurred from April 30 to May 7, 2007. Ten springs were sampled as part of this PME. The waters from these springs are representative of the chemistry of the regional aquifer and serve as the groundwater monitoring locations for this watershed. No groundwater monitoring wells are presently installed in the White Rock Watershed.

Water samples obtained from various locations during this PME were analyzed for target analyte list metals, volatile organic compounds, semivolatile organic compounds, cyanide, pesticides, polychlorinated biphenyls, high explosives, radionuclides, low-level tritium, general inorganic chemicals, perchlorate, stable isotopes, and field parameters (alkalinity, dissolved oxygen, iron, pH, specific conductance, temperature, and turbidity).

Overall, one groundwater sample collected during this PME from White Rock Canyon exceeded a regulatory standard or screening level. Arsenic was detected at 11.6 μ g/L at Spring 2 in an unfiltered groundwater sample above the U.S. Environmental Protection Agency maximum contaminant level for drinking water of 10 μ g/L.

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ACRONYMS AND ABBREVIATIONS

AOC	area of concern
BCG	biota concentration guideline (DOE)
bgs	below ground surface
С	cancer (risk type)
DCG	Derived Concentration Guidelines (DOE)
DOE	Department of Energy (U.S.)
EPA	Environmental Protection Agency (U.S.)
F	filtered
HE	high explosive
IFGMP	Interim Facility-Wide Groundwater Monitoring Plan
LANL	Los Alamos National Laboratory (the Laboratory)
MCL	maximum contaminant level (EPA)
MDL	method detection limit
Ν	noncancer
NMED	New Mexico Environment Department
NMWQCC	New Mexico Water Quality Control Commission
OU	operable unit
PCB	polychlorinated biphenyl
PME	periodic monitoring event
PMR	periodic monitoring report
QA	quality assurance
QC	quality control
RCRA	Resource Conservation and Recovery Act
RFI	RCRA facility investigation
RPF	Records Processing Facility
SVOC	semivolatile organic compound
SWMU	solid waste management unit
ТА	technical area
UF	unfiltered
VOC	volatile organic compound

1.0 INTRODUCTION

This report provides documentation of semiannual groundwater monitoring conducted by Los Alamos National Laboratory (LANL or the Laboratory) in the White Rock Watershed pursuant to the "Interim Facility-Wide Groundwater Monitoring Plan" (IFGMP) (LANL 2006, 094043), prepared under the March 1, 2005, Compliance Order on Consent (Consent Order). The periodic monitoring event (PME) occurred from April 30 to May 7, 2007. This event included sampling at 10 springs.

This report presents the following information:

- General background information on the watershed
- The watershed conceptual model
- Field-measurement monitoring results
- Water-quality monitoring results
- Screening analysis results (which compare the PME results with regulatory standards and results from previous reports)
- Conclusions drawn based on the data and the screening analysis

Information on radioactive materials and radionuclides, including the results of sampling and analysis of radioactive constituents, is voluntarily provided to the New Mexico Environment Department (NMED) in accordance with U.S. Department of Energy (DOE) policy.

1.1 Background

This section describes the physical characteristics of the White Rock Watershed, some of the previous investigatory activities conducted, and the Laboratory activities that may have impacted groundwater.

The Rio Grande flows from northeast to southwest adjacent to the Laboratory and forms the eastern Laboratory boundary. The White Rock Canyon springs are located along the Rio Grande at the eastern border of the Laboratory and on Los Alamos County and San Ildefonso Pueblo land. The springs serve as monitoring points to detect possible discharges of contaminated groundwater from beneath the Laboratory into the Rio Grande. The White Rock springs are one of the most frequently monitored locations in or adjacent to the Laboratory. Most of the major springs have been sampled regularly since the late 1960s, with some sampled since the early 1950s. Sixty percent of the springs have had over 25 sample collection rounds from 1980 to 2005. An analysis of the data shows that there is stability of chemical parameters in the 25-yr sampling record of White Rock Canyon springs.

Tritium operations took place at Technical Area (TA) 33 in the southern portion of the canyon that borders the Rio Grande. The Resource Conservation and Recovery Act facility investigation work plan for Operable Unit (OU) 1122 (LANL 1992, 007671) describes environmental concerns at TA-33. To the north of TA-33 lies TA-70, a buffer area where no Laboratory activities have occurred. Adjoining TA-70 to the north are low- to moderate-density residential areas in White Rock, a mix of private property, and Los Alamos County land. A municipal sanitary treatment plant discharges effluent into Mortandad Canyon just above the river at the northern county boundary. San Ildefonso Pueblo property borders Los Alamos County on the north; this land is undeveloped. San Ildefonso Pueblo operates numerous water supply wells on both sides of the Rio Grande, and the city of Santa Fe operates the Buckman well field on the east side of the Rio Grande across from White Rock.

The springs in White Rock Canyon are largely remote from potential contamination and serve as boundary monitoring points for Laboratory impact. Little chemical variation occurs in the White Rock Canyon springs, which along with chemical similarities, suggests that much of the groundwater is derived from the regional aquifer. No groundwater monitoring wells are installed in the White Rock Watershed.

1.2 Conceptual Model

The conceptual model for the White Rock Watershed as provided in the IFGMP is presented in Appendix A of this document.

2.0 SCOPE OF ACTIVITIES

The PME for the White Rock Watershed was conducted pursuant to the 2006 IFGMP (LANL 2006, 094043).

Table 2.0-1 provides the location name, easting and northing, hydrogeologic zone, sample collection date, and instantaneous streamflow values for each spring. These locations are shown spatially in Figure 2.0-1. No surface-water samples were collected for this PME.

3.0 MONITORING RESULTS

3.1 Methods and Procedures

All methods and procedures used to perform the field activities associated with this PME are documented in the 2006 IFGMP.

3.2 Field Parameter Results

Appendix B contains the field parameter results for this PME and the previous three PMEs.

3.3 Water-Level Observations

No information regarding water-level observations is included in this report because no groundwater monitoring wells are present in White Rock Canyon.

3.4 Deviations from Planned Scope

No deviations from the planned scope for this PME occurred.

4.0 ANALYTICAL DATA RESULTS

4.1 Methods and Procedures

All methods and procedures used to perform the analytical activities of the PME are documented in the 2006 IFGMP.

4.2 Analytical Data

Appendix D presents the analytical data from this PME and from the last three sampling events, which occurred immediately before the April 2007 sampling event. The regulatory standards to which the results are compared are shown in Table 4.2-1. The analytical laboratory reports (including chains of custody, etc.) can be found in Appendix G.

Appendix D contains all data obtained during this PME (that is, all data that have been independently reviewed for conformance with Laboratory requirements), with the following constraints.

- All data
 - Data that are R qualified (rejected because of noncompliance regarding quality control [QC] acceptance criteria) during independent validation are considered "not detected," but are still reported. Analytical laboratory QC results including matrix spike and matrix spike duplicates are not included in the data set.
- Radionuclides
 - All low-detection-limit tritium data are reported. Results greater than 3 times the 1 standard deviation total propagated analytical uncertainty (or 3σ) are considered to be detections.
 - Americium-241 and uranium-235 are reported only by chemical separation alpha spectroscopy. No gamma spectroscopy results are presented for these analytes.
 - Only cesium-137, colbalt-60, neptunium-237, potassium-40, and sodium-22 are reported (or analyzed) for the gamma spectroscopy suite.
 - Otherwise, all detections are reported at all locations, that is, results without a laboratory qualifier of U or X (abbreviations that indicate that the analyte was not detected) are reported.
- Nonradionuclides
 - All results, excluding nondetects, are reported. Field duplicates, reanalyses, field blanks, trip blanks, equipment blanks, and different analytical methods are also reported.

The standards applied to all media are listed in Table 4.2-1. Table 4.2-1 indicates the type of standard and the agency that promulgated the standard.

Data for PMRs are evaluated using the following screening process.

- Groundwater perchlorate data were compared with the screening level of 4 µg/L established in Section VIII.A.1.a of the Consent Order. The New Mexico Water Quality Control Commission (NMWQCC) groundwater standards apply to the dissolved (filtered) portion of specified contaminants; however, the standards for mercury, organic compounds, and nonaqueous phase liquids apply to the total unfiltered concentrations of the contaminants.
- As required by the Consent Order, the U.S. Environmental Protection Agency (EPA) Region 6 tap water standards for screening levels are used for constituents having no other regulatory standard and for which toxicological information is published. For these screening levels, the tables indicate a risk type of C (excess cancer risk level of 10⁻⁵) or N (noncancer). The Consent Order specifies screening for excess cancer risk at a risk level of 10⁻⁵ (rather than 10⁻⁶ as given in the Region 6 tables). Therefore, the Region 6 values were multiplied by 10 to obtain the 10⁻⁵ excess cancer risk level.

• The analytical results for radioactivity are compared with the Derived Concentration Guides (DCGs) for groundwater.

Tables E-1 through E-4 (Appendix E) show all values for perchlorate, radioactivity, and organic compounds, and all values greater than half the lowest applicable standard for metals and general inorganic compounds.

Analytical results are presented graphically in Figure 4.2-1. Figure 4.2-1 contains diagrams displaying a series of select analytes around the circumference and showing the concentration by the length of the radius. An example of a diagram displaying metal concentrations is shown below.



Metal concentrations

The analytes displayed in Figure 4.2-1 were selected from data acquired during the PME. Diagrams are shown only for groundwater data. The analytes were chosen for display in Figure 4.2-1 because of their historical presence in groundwater in this watershed.

Analytes that are not shown on the diagrams were either not detected or were radionuclides. The solid red lines, when shown, depict applicable regulatory standards or screening levels. A break in the diagram's scale may be shown for certain analytes whose concentrations are considerably greater than other measurements displayed in the figure. Note that some standards or screening levels may exceed the highest concentration displayed and may not appear on the diagram. Standards and screening-level values are found in Tables E-1 through E-4 in Appendix E.

A summary of the results comparing the groundwater analytical data with regulatory standards is shown in Tables E-1 through E-4 (Appendix E). Graphical representations of select groundwater analytical results (section 4.2) are shown in Figure 4.2-1.

Table 4.2-2 gives the number of groundwater analytical results (by hydrogeologic zone for a specific analytical suite) that are above a standard or screening level. Multiple detections of a particular constituent at a location are counted as one result. For example, if aluminum is detected above a standard or screening level in both a primary sample and a field duplicate, the detection is counted as one result.

4.2.1 Surface Water (Base Flow)

No surface-water locations were sampled for this monitoring event.

4.2.2 Groundwater

Groundwater perchlorate concentrations at all springs were below 0.70 μ g/L. The Consent Order screening level is 4 μ g/L. The perchlorate concentrations were similar to previous values measured by the liquid chromatography/mass spectrometry method. No general inorganic compounds were found at concentrations above standards or screening levels.

In White Rock Canyon Spring 4, the filtered (5.5 μ g/L) and unfiltered (6.9 μ g/L) arsenic results were for the first time above one-half of the EPA maximum contaminant level (MCL) for drinking water of 10 μ g/L; however, the filtered result was only 5.5% of the NMWQCC groundwater standard of 100 μ g/L. Arsenic has been analyzed in this spring since 1986. Previous values range from 1.7 to 4.0 μ g/L. Many of the previous results had detection limits that were higher than the current method detection limit (MDL) of 1.5 μ g/L. The filtered and unfiltered arsenic results for Spring 2 were 9.7 μ g/L and 11.6 μ g/L, respectively, and are similar to previous results. The EPA MCL for arsenic in drinking water is 10 μ g/L.

For the first time, butanone[2-] was detected in White Rock Spring 3 (3.29 μ g/L), Spring 4C (7.95 μ g/L), and Spring 5 (6.08 μ g/L). The noncancer risk EPA tap screening level for butanone[2-] is 7065 μ g/L. Butanone[2-] was also detected at Spring 2 at 2.32 μ g/L but was not detected in field trip blanks.

Except for low-detection-limit tritium, no other radioactivity analytes were detected (or for gross alpha, gross beta, and uranium, found at levels above screening thresholds). The tritium results are consistent with previous measurements at the locations. Spring 4B had the highest activity at 31 pCi/L, which was similar to a September 2006 result.

4.3 Sampling Program Modifications

No modifications to the periodic monitoring sampling for the White Rock Watershed are proposed at this time.

5.0 INVESTIGATION-DERIVED WASTE

Appendix F discusses the management of wastes produced during this PME and contains the waste management records for waste streams generated during the sampling events.

6.0 SUMMARY AND INTERPRETATIONS

6.1 Monitoring Results

An evaluation of the field parameter monitoring results presented in Appendix B and subsequent monitoring events will be provided in the annual update to the IFGMP.

6.2 Analytical Results

6.2.1 Surface Water (Base Flow)

No surface-water locations were included in this monitoring event.

6.2.2 Groundwater

The types of contaminants detected during this PME and their concentrations are consistent between sampling events and with data from previous sampling events.

Overall, one unfiltered groundwater sample, which was collected from Spring 2 during this PME, exceeded the regulatory standard for arsenic.

6.3 Data Gaps

No field parameter gaps were encountered during this PME.

7.0 REFERENCES

The following list includes all documents cited in this report. Parenthetical information following each reference provides the author(s), publication date, and ER ID number. This information is also included in text citations. ER ID numbers are assigned by the Environmental Programs Directorate's Records Processing Facility (RPF) and are used to locate the document at the RPF and, where applicable, in the master reference set.

Copies of the master reference set are maintained at the NMED Hazardous Waste Bureau; the U.S. Department of Energy–Los Alamos Site Office; the U.S. Environmental Protection Agency, Region 6; and the Directorate. The set was developed to ensure that the administrative authority has all material needed to review this document, and it is updated with every document submitted to the administrative authority. Documents previously submitted to the administrative authority are not included.

- LANL (Los Alamos National Laboratory), May 1992. "RFI Work Plan for Operable Unit 1122," Los Alamos National Laboratory document LA-UR-92-925, Los Alamos, New Mexico. (LANL 1992, 007671)
- LANL (Los Alamos National Laboratory), July 2006. "Interim Facility-Wide Groundwater Monitoring Plan, Revision 1.1," Los Alamos National Laboratory document LA-UR-06-4975, Los Alamos, New Mexico. (LANL 2006, 094043)



Figure 2.0-1 Watershed map with monitored locations





Figure 4.2-1 Analytical results

Location	Sample Collection Date	Instantaneous Streamflow (gal./min ^a)
Base Flow		
Ancho Spring	2-May-07	0.125
Doe Spring	Only sampled annually—already sampled	n/a ^b
Spring 2	7-May-07	0.5
Spring 3	30-Apr-07	1-2
Spring 3A	30-Apr-07	7.5
Spring 3AA	Only sampled annually—already sampled	n/a
Spring 4	3-May-07	~12-15
Spring 4A	2-May-07	~2-3
Spring 4AA	2-May-07	5
Spring 4B	1-May-07	0.5
Spring 4C	1-May-07	5
Spring 5	1-May-07	10
Spring 6	Sampled annually—already sampled	n/a
Spring 6A	Sampled annually—already sampled	n/a
Spring 7	Sampled annually—already sampled	n/a
Spring 8A	Sampled annually—already sampled	n/a
Spring 9	Sampled annually—already sampled	n/a
Spring 9A	Sampled annually—already sampled	n/a
Spring 4AA	Sampled annually—already sampled	n/a
Spring 4B	Sampled annually—already sampled	n/a
Spring 4C	Sampled annually—already sampled	n/a
Spring 6AAA	Sampled annually—already sampled	n/a

Table 2.0-1 **Monitoring Locations and General Information**

^a gal/min = Gallon(s) per minute. ^b n/a = Not applicable.

Table 4.2-1 Cleanup Standards, Risk-Based Screening Levels, and Risk-Based Cleanup Levels for Groundwater and Surface Water at Los Alamos National Laboratory

Standard Type	Groundwater	Surface Water
DOE Biota Concentration Guidelines	n/a ^a	x ^b
DOE 100 mrem Public Dose DCG	x	n/a
DOE 4 mrem Drinking Water DCG	x	n/a
EPA MCL	x	n/a
EPA Region 6 Tap Water Screening Level	x	n/a
New Mexico Environmental Improvement Board Radiation Protection Standards	x	x
NMWQCC Fisheries Standards Chronic	n/a	x
NMWQCC Fisheries Standards Chronic, Hardness = 100 mg/L	n/a	x
NMWQCC Groundwater Standard	x	n/a
NMWQCC Livestock Watering Standard	n/a	x
NMWQCC Wildlife Habitat Standard	n/a	x
NMWQCC Human Health Standard Ephemeral	n/a	x
NMWQCC Human Health Standard Perennial	n/a	x

^a n/a = Not applicable.

 b x = Standard applied to data screen for this report.

Table 4.2-2Number of Results above Standards orScreening Levels for Groundwater and Surface Water

Sample Origin	Metals	General Inorganic	Organic	Radioactivity
Surface Water	*	_	_	_
Alluvial Groundwater	_	—	_	—
Intermediate Groundwater	_	—	—	—
Regional Groundwater	1	0	0	0

Note: Multiple detections of a particular constituent at a location are counted as one result.

— = No data because not applicable.

Appendix A

White Rock Watershed Conceptual Model

This appendix contains the conceptual model as described in Table A-3 of the 2006 "Interim Facility-Wide Groundwater Monitoring Plan" (LANL 2006, 094043).

Conceptual Model Element	Characteristic	Description
Surface Water	Flow	Flow from regional aquifer springs supports perennial surface-water flow in several canyons just above where they reach the Rio Grande. Sandia, Pajarito, Ancho, and Chaquehui Canyons are included. Except for Sandia Canyon, the surface-water flow in each of the canyons reaches the Rio Grande.
		A municipal sanitary treatment plant discharges effluent into Mortandad Canyon just above the river at the northern county boundary.
	Quality	Barium is the only constituent that has been detected above regulatory standards in surface water (in 2 of 28 samples).
		Water quality of the other streams is mainly determined by the chemistry of their contributing springs (summarized in the regional aquifer description below).
		Discharge from the municipal sanitary treatment plant is the primary surface- water source that enters the Rio Grande from Mortandad Canyon. The discharge from the plant has a strong impact on the chemistry of the water that enters the Rio Grande from Mortandad Canyon, leading to higher total dissolved solids (TDS), nitrate, chloride, sulfate, and some metals.
Springs	Name	Springs near the Rio Grande represent natural discharge from the regional aquifer. Regional aquifer springs are present just above the Rio Grande in Sandia, Pajarito, Ancho, and Chaquehui Canyons.
		Los Alamos and Water Canyons do not have significant springs in their lower reaches. A small seep (Otowi Spring) emerges along the Rio Grande bank south of Los Alamos Canyon. A small seep (Spring 5AA) issues from the Totavi Lentil in lower Water Canyon but seldom has sufficient water for sampling.
		Springs discharge from two geologic units: the Tesuque Formation and the Totavi Lentil (the lower part of the Puye Formation). The Tesuque Formation consists of sandstones, siltstones, and interbedded basalts. The Totavi Lentil is a channel-fill deposit made up of grain sizes ranging from gravel to boulders. Purtymun divided the springs into four groups based on geologic unit and chemistry (Purtymun 1995, 045344).
		Group I springs discharge from the Totavi Lentil on the west side of the river. Water is dominated by calcium bicarbonate with sulfate and chloride of about 4 mg/L and TDS averages 163 mg/L. These springs follow the outcrop of the Totavi Lentil, increasing their elevation above the river in a downstream direction. These higher elevation springs generally occur on the flanks of or in the bottom of canyons where erosion has exposed the Totavi Lentil.
		Group II springs discharge from coarse-grained Tesuque Formation sediments on both sides of the river. These springs have sodium bicarbonate water with about 3 mg/L of sulfate and chloride, and TDS average 183 mg/L.
		Group III springs discharge from fine-grained Tesuque Formation sediments on the west side of the river. These springs also have sodium bicarbonate water with about 10 mg/L of sulfate, 3 mg/L of chloride, and TDS average 215 mg/L.
		Group IV springs discharge from fine-grained Tesuque Formation sediments on the east side of the river near faults and basalt flows. These springs have varied chemistry with higher TDS (270 to 500 mg/L) than the other springs.

White Rock Watershed Conceptual Model

Conceptual Model Element	Characteristic	Description
Springs (cont.)	Name (continued)	Most of the springs discharge close to the elevation of the Rio Grande; however, some springs discharge at elevations several tens of feet above the Rio Grande. There are different hypotheses about the meaning of the elevation of springs above the river. One hypothesis is the elevations could reflect channeling of discharge from the regional aquifer along the higher-permeability Totavi Lentil. Another hypothesis of spring occurrence is that the elevation of springs above the river could reflect local variations in permeability and geology related to numerous landslides along the canyon walls. A third hypothesis is that the elevation of some springs above the river indicates that they discharge from perched groundwater located above the regional aquifer.
	Quality	The U.S. Geological Survey and Los Alamos National Laboratory (the Laboratory) have monitored chemistry of the White Rock springs since the 1960s.
		One sample of 67 from all springs (and 1 of 8 from this spring) showed, trinitrotoluene[2,4,6-] and 1,3,5,7-tetranitro-1,2,5,7-tetrazocine above regulatory standards.
Alluvial Groundwater	Extent	Alluvial groundwater is not present in the White Rock Canyon area. However, household wells in Los Alamos Canyon (Halladay and Otowi) and household wells nearer the Rio Grande probably draw their water from Santa Fe Group sediments but may draw water in part from alluvium in these drainages.
	Depth/Thickness	Not applicable
	Quality	Not applicable
Intermediate Groundwater	Extent/Hydrology	Perched intermediate groundwater may not be present in the White Rock Canyon area. However, an alternative hypothesis about White Rock Canyon spring origin is that the elevation of some springs above the river indicates that they discharge from perched groundwater located above the regional aquifer.
	Depth/Thickness	Not applicable
	Quality	Not applicable
Regional Aquifer	Depth/Hydrology	The Rio Grande is the major groundwater discharge point for the regional aquifer underlying the Pajarito Plateau. The river gains flow through White Rock Canyon (Purtymun 1995, 045344) indicating that the local water table lies above the river.
		The Buckman well field lies adjacent to the Rio Grande on the east bank and includes eight pumping wells. These wells draw their water from Santa Fe Group sediments. The water in these wells is quite old, having passed through the deeper portion of the basin-fill sediments where it acquired a higher load of dissolved solutes.
		San Ildefonso Pueblo draws water from more than 10 community and household wells located on both sides of the Rio Grande. Little information on depth or geology for these wells is available. Many of these wells probably draw their water from Santa Fe Group sediments. At least two of the San Ildefonso wells are uncapped artesian wells.

Conceptual Model Element	Characteristic	Description
Regional Aquifer (cont.)	Quality	Except for naturally occurring constituents, no constituents exceed regulatory standards.
		Some of the Buckman wells have exceptionally high uranium (up to 230 parts per million [ppm]), compared with the new U.S. Environmental Protection Agency maximum contaminant level of 30 ppm). Such naturally occurring uranium is common in the Pojoaque and Tesuque area. The Buckman wells also have high sodium, alkalinity, and TDS.
		San Ildefonso Pueblo household wells also produce older water from deep within the basin and have high sodium, chloride, alkalinity, and TDS, as well as uranium, arsenic, and boron.
	Potential Sources	Technical Area (TA) 33, which borders the Rio Grande) is a site where tritium activities formerly occurred. The low- to moderate-density residential area of White Rock borders the Rio Grande to the north of the Laboratory boundary in White Rock Canyon. A municipal sanitary treatment plant discharges effluent into Mortandad Canyon just above the river at the northern county boundary.
Contaminants	Туре	TA-33 was used as a firing site and for production of tritium. Solid waste management units and areas of concern include landfills, septic systems, and burn areas. TA-33 is situated on a mesa top and is being investigated by the Environmental Restoration Project as Operable Unit 1122. If contaminants are released from TA-33, they may impact Ancho Canyon, Chaquehui Canyon, or the Rio Grande.
		The discharge from the municipal treatment plant is the primary surface-water source and has a strong impact on the chemistry of the water that enters the Rio Grande from Mortandad Canyon, leading to higher TDS, nitrate, chloride, sulfate, and some metals.

A.1-0 REFERENCES

The following list includes all documents cited in this appendix. Parenthetical information following each reference provides the author(s), publication date, and ER ID number. This information is also included in text citations. ER ID numbers are assigned by the Environmental Programs Directorate's Records Processing Facility (RPF) and are used to locate the document at the RPF and, where applicable, in the master reference set.

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- Purtymun, W.D., January 1995. "Geologic and Hydrologic Records of Observation Wells, Test Holes, Test Wells, Supply Wells, Springs, and Surface Water Stations in the Los Alamos Area," Los Alamos National Laboratory report LA-12883-MS, Los Alamos, New Mexico. (Purtymun 1995, 045344)

Appendix B

Field Parameter Results

Location	Date	Field Matrix	Analyte	Result	Units	Sample
Ancho Spring	05/02/07	WG	Dissolved oxygen	5.84	mg/L	FU070400GSAW01
Ancho Spring	09/19/06	WG	Dissolved oxygen	8.02	mg/L	FU060900GSAW01
Ancho Spring	05/02/07	WG	Oxidation reduction potential	193.6	mV	FU070400GSAW01
Ancho Spring	05/02/07	WG	pН	7.48	SU	FU070400GSAW01
Ancho Spring	09/19/06	WG	рН	7.87	SU	FU060900GSAW01
Ancho Spring	02/02/05	WG	pН	8.01	SU	FN05010GSAW01
Ancho Spring	05/02/07	WG	Specific conductance	128.3	µS/cm	FU070400GSAW01
Ancho Spring	09/19/06	WG	Specific conductance	135.2	µS/cm	FU060900GSAW01
Ancho Spring	02/02/05	WG	Specific conductance	134.9	µS/cm	FN05010GSAW01
Ancho Spring	05/02/07	WG	Temperature	20.8	deg C	FU070400GSAW01
Ancho Spring	09/19/06	WG	Temperature	20.7	deg C	FU060900GSAW01
Ancho Spring	02/02/05	WG	Temperature	19.1	deg C	FN05010GSAW01
Ancho Spring	05/02/07	WG	Turbidity	21.7	NTU	FU070400GSAW01
Ancho Spring	09/19/06	WG	Turbidity	0.38	NTU	FU060900GSAW01
Ancho Spring	02/02/05	WG	Turbidity	4.79	NTU	FN05010GSAW01
Spring 2	05/07/07	WG	Dissolved oxygen	7.9	mg/L	FU070400G2SW01
Spring 2	09/18/06	WG	Dissolved oxygen	6.38	mg/L	FU060900G2SW01
Spring 2	09/26/05	WG	Dissolved oxygen	7.46	mg/L	FU05090G2SW01
Spring 2	05/07/07	WG	Oxidation reduction potential	204	mV	FU070400G2SW01
Spring 2	05/07/07	WG	рН	8.17	SU	FU070400G2SW01
Spring 2	09/18/06	WG	рН	8.24	SU	FU060900G2SW01
Spring 2	09/26/05	WG	pН	7.69	SU	FU05090G2SW01
Spring 2	09/13/04	WG	pН	8.49	SU	FU04090G2SW01
Spring 2	10/06/03	WG	pН	8.2	SU	FU03080G2SW01
Spring 2	05/07/07	WG	Specific conductance	243	µS/cm	FU070400G2SW01
Spring 2	09/18/06	WG	Specific conductance	334	µS/cm	FU060900G2SW01
Spring 2	09/26/05	WG	Specific conductance	243	µS/cm	FU05090G2SW01
Spring 2	09/13/04	WG	Specific conductance	258	µS/cm	FU04090G2SW01
Spring 2	10/06/03	WG	Specific conductance	334	µS/cm	FU03080G2SW01
Spring 2	05/07/07	WG	Temperature	12.5	deg C	FU070400G2SW01
Spring 2	09/18/06	WG	Temperature	25	deg C	FU060900G2SW01
Spring 2	09/26/05	WG	Temperature	15.6	deg C	FU05090G2SW01
Spring 2	09/13/04	WG	Temperature	19.4	deg C	FU04090G2SW01
Spring 2	10/06/03	WG	Temperature	16.8	deg C	FU03080G2SW01
Spring 2	05/07/07	WG	Turbidity	4.13	NTU	FU070400G2SW01
Spring 2	09/18/06	WG	Turbidity	1.76	NTU	FU060900G2SW01
Spring 2	09/26/05	WG	Turbidity	31.6	NTU	FU05090G2SW01
Spring 2	09/13/04	WG	Turbidity	3.19	NTU	FU04090G2SW01
Spring 2	10/06/03	WG	Turbidity	9.8	NTU	FU03080G2SW01

Field Parameter Results

Location	Date	Field Matrix	Analyte	Result	Units	Sample
Spring 3	04/30/07	WG	Dissolved oxygen	6.93	mg/L	FU070400G3SW01
Spring 3	09/18/06	WG	Dissolved oxygen	7.04	mg/L	FU060900G3SW01
Spring 3	09/26/05	WG	Dissolved oxygen	3.96	mg/L	FU05090G3SW01
Spring 3	04/20/05	WG	Dissolved oxygen	5	mg/L	FU05040G3SW01
Spring 3	03/09/05	WG	Dissolved oxygen	5.5	mg/L	FU05030G3SW01
Spring 3	04/30/07	WG	Oxidation reduction potential	560	mV	FU070400G3SW01
Spring 3	04/30/07	WG	рН	7.43	SU	FU070400G3SW01
Spring 3	09/18/06	WG	рН	8.1	SU	FU060900G3SW01
Spring 3	09/26/05	WG	рН	7.41	SU	FU05090G3SW01
Spring 3	04/20/05	WG	рН	6.77	SU	FU05040G3SW01
Spring 3	03/09/05	WG	рН	7.78	SU	FU05030G3SW01
Spring 3	04/30/07	WG	Specific conductance	86.8	µS/cm	FU070400G3SW01
Spring 3	09/18/06	WG	Specific conductance	188.2	µS/cm	FU060900G3SW01
Spring 3	09/26/05	WG	Specific conductance	173.8	µS/cm	FU05090G3SW01
Spring 3	05/16/05	WG	Specific conductance	213	µS/cm	FU05040G3SW02
Spring 3	04/20/05	WG	Specific conductance	208	µS/cm	FU05040G3SW01
Spring 3	04/30/07	WG	Temperature	19.5	deg C	FU070400G3SW01
Spring 3	09/18/06	WG	Temperature	20.8	deg C	FU060900G3SW01
Spring 3	09/26/05	WG	Temperature	20.5	deg C	FU05090G3SW01
Spring 3	05/16/05	WG	Temperature	21.4	deg C	FU05040G3SW02
Spring 3	04/20/05	WG	Temperature	19.2	deg C	FU05040G3SW01
Spring 3	04/30/07	WG	Turbidity	1.14	NTU	FU070400G3SW01
Spring 3	09/18/06	WG	Turbidity	1.13	NTU	FU060900G3SW01
Spring 3	09/26/05	WG	Turbidity	8.8	NTU	FU05090G3SW01
Spring 3	09/13/04	WG	Turbidity	2.17	NTU	FU04090G3SW01
Spring 3	10/06/03	WG	Turbidity	1.23	NTU	FU03080G3SW01
Spring 3A	04/30/07	WG	Dissolved oxygen	6.84	mg/L	FU070400GA3S01
Spring 3A	09/18/06	WG	Dissolved oxygen	6.47	mg/L	FU060900GA3S01
Spring 3A	09/26/05	WG	Dissolved oxygen	6	mg/L	FU05090GA3S01
Spring 3A	07/21/05	WG	Dissolved oxygen	3.53	mg/L	FU05070GA3S01
Spring 3A	04/20/05	WG	Dissolved oxygen	6.6	mg/L	FU05040GA3S02
Spring 3A	04/30/07	WG	Oxidation reduction potential	185.2	mV	FU070400GA3S01
Spring 3A	04/30/07	WG	рН	7.41	SU	FU070400GA3S01
Spring 3A	09/18/06	WG	рН	7.7	SU	FU060900GA3S01
Spring 3A	09/26/05	WG	рН	7.56	SU	FU05090GA3S01
Spring 3A	07/21/05	WG	рН	7.61	SU	FU05070GA3S01
Spring 3A	04/20/05	WG	рН	7	SU	FU05040GA3S02
Spring 3A	04/30/07	WG	Specific conductance	161.6	µS/cm	FU070400GA3S01
Spring 3A	09/18/06	WG	Specific conductance	173.4	µS/cm	FU060900GA3S01
Spring 3A	09/26/05	WG	Specific conductance	186.8	µS/cm	FU05090GA3S01

Location	Date	Field Matrix	Analyte	Result	Units	Sample
Spring 3A	07/21/05	WG	Specific conductance	188.9	µS/cm	FU05070GA3S01
Spring 3A	05/16/05	WG	Specific conductance	190.2	µS/cm	FU05040GA3S03
Spring 3A	04/30/07	WG	Temperature	19.9	deg C	FU070400GA3S01
Spring 3A	09/18/06	WG	Temperature	19.9	deg C	FU060900GA3S01
Spring 3A	09/26/05	WG	Temperature	20.2	deg C	FU05090GA3S01
Spring 3A	07/21/05	WG	Temperature	19.5	deg C	FU05070GA3S01
Spring 3A	05/16/05	WG	Temperature	20	deg C	FU05040GA3S03
Spring 3A	04/30/07	WG	Turbidity	0.19	NTU	FU070400GA3S01
Spring 3A	09/18/06	WG	Turbidity	0.3	NTU	FU060900GA3S01
Spring 3A	09/26/05	WG	Turbidity	0.23	NTU	FU05090GA3S01
Spring 3A	07/21/05	WG	Turbidity	0.24	NTU	FU05070GA3S01
Spring 3A	09/13/04	WG	Turbidity	0.22	NTU	FU04090GA3S01
Spring 4	05/03/07	WG	Dissolved oxygen	7.2	mg/L	FU070400G4SW01
Spring 4	09/18/06	WG	Dissolved oxygen	6.98	mg/L	FU060900G4SW01
Spring 4	09/26/05	WG	Dissolved oxygen	8.5	mg/L	FU05090G4SW01
Spring 4	07/27/05	WG	Dissolved oxygen	8.58	mg/L	FU05070G4SW01
Spring 4	04/22/05	WG	Dissolved oxygen	7.4	mg/L	FU05040G4SW01
Spring 4	05/03/07	WG	Oxidation reduction potential	411	mV	FU070400G4SW01
Spring 4	05/03/07	WG	рН	7.18	SU	FU070400G4SW01
Spring 4	09/18/06	WG	рН	7.15	SU	FU060900G4SW01
Spring 4	09/26/05	WG	рН	7.03	SU	FU05090G4SW01
Spring 4	07/27/05	WG	рН	7.06	SU	FU05070G4SW01
Spring 4	04/22/05	WG	рН	7.4	SU	FU05040G4SW01
Spring 4	05/03/07	WG	Specific conductance	182.6	µS/cm	FU070400G4SW01
Spring 4	09/18/06	WG	Specific conductance	176.2	µS/cm	FU060900G4SW01
Spring 4	09/26/05	WG	Specific conductance	211	µS/cm	FU05090G4SW01
Spring 4	07/27/05	WG	Specific conductance	211	µS/cm	FU05070G4SW01
Spring 4	04/22/05	WG	Specific conductance	213	µS/cm	FU05040G4SW01
Spring 4	05/03/07	WG	Temperature	15.9	deg C	FU070400G4SW01
Spring 4	09/18/06	WG	Temperature	16.7	deg C	FU060900G4SW01
Spring 4	09/26/05	WG	Temperature	17.5	deg C	FU05090G4SW01
Spring 4	07/27/05	WG	Temperature	16.8	deg C	FU05070G4SW01
Spring 4	04/22/05	WG	Temperature	15.7	deg C	FU05040G4SW01
Spring 4	05/03/07	WG	Turbidity	0.95	NTU	FU070400G4SW01
Spring 4	09/18/06	WG	Turbidity	0.45	NTU	FU060900G4SW01
Spring 4	09/26/05	WG	Turbidity	0.76	NTU	FU05090G4SW01
Spring 4	07/27/05	WG	Turbidity	0.98	NTU	FU05070G4SW01
Spring 4	09/13/04	WG	Turbidity	0.95	NTU	FU04090G4SW01
Spring 4A	05/02/07	WG	Dissolved oxygen	7.4	mg/L	GF070400GA4S01
Spring 4A	05/02/07	WG	Oxidation reduction potential	275	mV	GF070400GA4S01

Location	Date	Field Matrix	Analyte	Result	Units	Sample
Spring 4A	05/02/07	WG	рН	7.62	SU	GF070400GA4S01
Spring 4A	09/18/06	WG	рН	7.9	SU	FU060900GA4S01
Spring 4A	09/27/05	WG	рН	7.89	SU	FU05090GA4S01
Spring 4A	07/28/05	WG	рН	7.52	SU	FU05070GA4S01
Spring 4A	05/16/05	WG	рН	6.47	SU	FU05040GA4S02
Spring 4A	05/02/07	WG	Specific conductance	192.8	µS/cm	GF070400GA4S01
Spring 4A	09/18/06	WG	Specific conductance	179.4	µS/cm	FU060900GA4S01
Spring 4A	09/27/05	WG	Specific conductance	183.6	µS/cm	FU05090GA4S01
Spring 4A	07/28/05	WG	Specific conductance	198.7	µS/cm	FU05070GA4S01
Spring 4A	05/16/05	WG	Specific conductance	198.8	µS/cm	FU05040GA4S02
Spring 4A	05/02/07	WG	Temperature	20.4	deg C	GF070400GA4S01
Spring 4A	05/02/07	WG	Turbidity	0.64	NTU	GF070400GA4S01
Spring 4AA	05/02/07	WG	Dissolved Oxygen	7.4	mg/L	GF070400GAA401
Spring 4AA	05/02/07	WG	Oxidation reduction potential	367	mV	GF070400GAA401
Spring 4AA	05/02/07	WG	рН	7.26	SU	GF070400GAA401
Spring 4AA	09/18/06	WG	рН	7.06	SU	FU060900GAA401
Spring 4AA	09/27/05	WG	рН	7.21	SU	FU05090GAA401
Spring 4AA	07/26/05	WG	рН	7.2	SU	FU05070GAA401
Spring 4AA	05/16/05	WG	рН	7.73	SU	FU05040GAA402
Spring 4AA	05/02/07	WG	Specific conductance	201	uS/cm	GF070400GAA401
Spring 4AA	09/18/06	WG	Specific conductance	194.4	uS/cm	FU060900GAA401
Spring 4AA	09/27/05	WG	Specific conductance	201	uS/cm	FU05090GAA401
Spring 4AA	07/26/05	WG	Specific conductance	209	uS/cm	FU05070GAA401
Spring 4AA	05/16/05	WG	Specific conductance	205	uS/cm	FU05040GAA402
Spring 4AA	05/02/07	WG	Temperature	18.7	deg C	GF070400GAA401
Spring 4AA	05/02/07	WG	Turbidity	0.51	NTU	GF070400GAA401
Spring 4B	05/01/07	WG	Dissolved oxygen	7.24	mg/L	FU070400GB4S01
Spring 4B	09/18/06	WG	Dissolved oxygen	7.93	mg/L	FU060900GB4S01
Spring 4B	09/26/05	WG	Dissolved oxygen	6.75	mg/L	FU05090GB4S01
Spring 4B	07/27/05	WG	Dissolved oxygen	7.51	mg/L	FU05070GB4S01
Spring 4B	04/22/05	WG	Dissolved oxygen	6.5	mg/L	FU05040GB4S01
Spring 4B	05/01/07	WG	Oxidation reduction potential	126.4	mV	FU070400GB4S01
Spring 4B	05/01/07	WG	рН	7.89	SU	FU070400GB4S01
Spring 4B	09/18/06	WG	pН	8	SU	FU060900GB4S01
Spring 4B	09/26/05	WG	pН	7.82	SU	FU05090GB4S01
Spring 4B	07/27/05	WG	pН	6.98	SU	FU05070GB4S01
Spring 4B	05/16/05	WG	рН	7.29	SU	FU05040GB4S02
Spring 4B	05/01/07	WG	Specific conductance	225	uS/cm	FU070400GB4S01
Spring 4B	09/18/06	WG	Specific conductance	211	uS/cm	FU060900GB4S01
Spring 4B	09/26/05	WG	Specific conductance	234	uS/cm	FU05090GB4S01

Location	Date	Field Matrix	Analyte	Result	Units	Sample
Spring 4B	07/27/05	WG	Specific conductance	228	uS/cm	FU05070GB4S01
Spring 4B	05/16/05	WG	Specific conductance	230	uS/cm	FU05040GB4S02
Spring 4B	05/01/07	WG	Temperature	15.2	deg C	FU070400GB4S01
Spring 4B	09/18/06	WG	Temperature	14.6	deg C	FU060900GB4S01
Spring 4B	09/26/05	WG	Temperature	16.6	deg C	FU05090GB4S01
Spring 4B	07/27/05	WG	Temperature	16.1	deg C	FU05070GB4S01
Spring 4B	05/16/05	WG	Temperature	15.7	deg C	FU05040GB4S02
Spring 4B	05/01/07	WG	Turbidity	16.4	NTU	FU070400GB4S01
Spring 4B	09/18/06	WG	Turbidity	9.1	NTU	FU060900GB4S01
Spring 4B	09/26/05	WG	Turbidity	11.4	NTU	FU05090GB4S01
Spring 4B	07/27/05	WG	Turbidity	1.99	NTU	FU05070GB4S01
Spring 4B	09/14/04	WG	Turbidity	16.8	NTU	FN04090GB4S01
Spring 4C	05/01/07	WG	Dissolved oxygen	7.69	mg/L	FU070400GC4S01
Spring 4C	09/19/06	WG	Dissolved oxygen	7.96	mg/L	FU060900GC4S01
Spring 4C	09/27/05	WG	Dissolved oxygen	7.89	mg/L	FU05090GC4S01
Spring 4C	07/27/05	WG	Dissolved oxygen	9.5	mg/L	FU05070GC4S01
Spring 4C	04/22/05	WG	Dissolved oxygen	7.6	mg/L	FU05040GC4S01
Spring 4C	05/01/07	WG	Oxidation reduction potential	128	mV	FU070400GC4S01
Spring 4C	05/01/07	WG	рН	7.93	SU	FU070400GC4S01
Spring 4C	09/19/06	WG	pН	8.01	SU	FU060900GC4S01
Spring 4C	09/27/05	WG	pН	7.35	SU	FU05090GC4S01
Spring 4C	07/27/05	WG	pН	7.18	SU	FU05070GC4S01
Spring 4C	05/20/05	WG	pН	7.65	SU	FU05040GC4S02
Spring 4C	05/01/07	WG	Specific conductance	204	uS/cm	FU070400GC4S01
Spring 4C	09/19/06	WG	Specific conductance	206	uS/cm	FU060900GC4S01
Spring 4C	09/27/05	WG	Specific conductance	204	uS/cm	FU05090GC4S01
Spring 4C	07/27/05	WG	Specific conductance	210	uS/cm	FU05070GC4S01
Spring 4C	05/20/05	WG	Specific conductance	204	uS/cm	FU05040GC4S02
Spring 4C	05/01/07	WG	Temperature	16.9	deg C	FU070400GC4S01
Spring 4C	09/19/06	WG	Temperature	16.8	deg C	FU060900GC4S01
Spring 4C	09/27/05	WG	Temperature	17	deg C	FU05090GC4S01
Spring 4C	07/27/05	WG	Temperature	16.3	deg C	FU05070GC4S01
Spring 4C	05/20/05	WG	Temperature	16.6	deg C	FU05040GC4S02
Spring 4C	05/01/07	WG	Turbidity	0.28	NTU	FU070400GC4S01
Spring 4C	09/19/06	WG	Turbidity	0.22	NTU	FU060900GC4S01
Spring 4C	09/27/05	WG	Turbidity	0.4	NTU	FU05090GC4S01
Spring 4C	07/27/05	WG	Turbidity	0.33	NTU	FU05070GC4S01
Spring 4C	09/14/04	WG	Turbidity	0.32	NTU	FN04090GC4S01
Spring 5	05/01/07	WG	Dissolved oxygen	6.5	mg/L	FU070400G5SW01
Spring 5	05/01/07	WG	Oxidation reduction potential	385	mV	FU070400G5SW01

Location	Date	Field Matrix	Analyte	Result	Units	Sample
Spring 5	05/01/07	WG	рН	7.63	SU	FU070400G5SW01
Spring 5	09/19/06	WG	рН	7.71	SU	FU060900G5SW01
Spring 5	09/27/05	WG	рН	8.13	SU	FU05090G5SW01
Spring 5	07/26/05	WG	рН	7.58	SU	FU05070G5SW01
Spring 5	06/02/05	WG	рН	7.57	SU	FU05040G5SW02
Spring 5	05/01/07	WG	Specific conductance	172.3	uS/cm	FU070400G5SW01
Spring 5	09/19/06	WG	Specific conductance	179	uS/cm	FU060900G5SW01
Spring 5	09/27/05	WG	Specific conductance	174.5	uS/cm	FU05090G5SW01
Spring 5	07/26/05	WG	Specific conductance	179.5	uS/cm	FU05070G5SW01
Spring 5	06/02/05	WG	Specific conductance	181.2	uS/cm	FU05040G5SW02
Spring 5	05/01/07	WG	Temperature	20.9	deg C	FU070400G5SW01
Spring 5	05/01/07	WG	Turbidity	0.45	NTU	FU070400G5SW01

Appendix C

Groundwater-Level Measurements (Because there are no groundwater monitoring wells in White Rock Watershed, this appendix is blank.)
Appendix D

Analytical Results

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Location	Data	Field	Field	Lab Sample	Field QC	Suito	Mothod	Analyto	Symbol	Posult	1-sigma TPU	МПА	МП	Unite	Lab	2nd	Poquost	Sampla	Lab
Ancho Spring	05/02/07	WG	F	CS	туре	Geninora	FPA:310.1	Alkalinity-CO.+HCO.	Symbol	58.8		INDA	0 725	ma/l	Quai	Quai	185416	GE070400GSAW01	GELC
Ancho Opring	00/10/06	WC		00		Coninorg	EDA:210.1			52.0			0.725	mg/L			170456		
Ancho Spring	09/19/06	WG		US .		Geninorg	EPA:310.1	Alkalinity-CO ₃ +HCO ₃		53.9			0.725	mg/L			172456	GF060900GSAW01	GELC
Ancho Spring	02/02/05	WG	F	CS		Geninorg	EPA:310.1	Alkalinity-CO ₃ +HCO ₃		57.1			1.45	mg/L			130097	GF05010GSAW01	GELC
Ancho Spring	10/24/01	WG	F	CS		Geninorg	EPA:310.1	Alkalinity-CO ₃ +HCO ₃		71.4			0.725	mg/L			51004	GF01101GSAW	GELC
Ancho Spring	10/24/01	WG	F	DUP		Geninorg	EPA:310.1	Alkalinity-CO ₃ +HCO ₃		71.4			0.725	mg/L			50912	GF01101GSAW	GELC
Ancho Spring	09/26/00	WG	F	CS		Geninorg	SM:A2320B	Alkalinity-CO ₃ +HCO ₃		57.1			1	mg/L			32208	GM00091GSAW	GELC
Ancho Spring	09/26/00	WG	F	DUP		Geninorg	EPA:310.1	Alkalinity-CO ₃ +HCO ₃		58.1			1	mg/L			32206	GM00091GSAW	GELC
Ancho Spring	09/19/06	WG	UF	CS		Geninora	EPA:310.1	Alkalinity-CO ₃ +HCO ₃		60.6			0.725	ma/L			172456	GU060900GSAW01	GELC
Ancho Spring	05/02/07	WG	F	CS.		Geninora	SW-846:6010B	Calcium		13			0.036	ma/l			185416	GE070400GSAW01	GELC
Ancho Spring	09/19/06	WG	F	CS		Geninorg	SW-846:6010B	Calcium		12 7			0.036	ma/l			172456	GF060900GSAW01	GFLC
Ancho Spring	02/02/05	WG	F	CS		Geninora	SW-846:6010B	Calcium		13.1			0.00554	ma/L			130097	GF05010GSAW01	GELC
Ancho Spring	10/24/01	WG	F	CS		Geninorg	SW-846:6010B	Calcium		12.1			0.0375	ma/l			51004	GF01101GSAW	GELC
Ancho Spring	10/24/01	WG	F	DUP		Geninorg	SW-846:6010B	Calcium		12.1			0.0075	mg/L			51004	GE01101GSAW	GELC
Ancho Spring	09/26/00	WG	F	CS		Geninorg	SW-846:6010B	Calcium		12.4			0.0355	mg/L			32208	GM00001GSAW	GELC
Ancho Spring	05/02/07	WG		CS		Geninorg	SW-846:6010B	Calcium		12.2			0.0000	mg/L			185/116	GU070400GSAW01	GELC
Ancho Spring	09/19/06	WG		<u> </u>		Geninorg	SW-846:6010B	Calcium		12.2			0.036	mg/L			172/56	GU070400GSAW01	
Ancho Spring	05/02/07	WG	F	<u> </u>		Geninorg	EPA-300 0	Chloride		2.22			0.050	mg/L			185/16	GE070400GSAW01	
Ancho Spring	00/10/06	WG		CS		Geninorg	EPA:300.0	Chlorida		2.22			0.000	mg/L			172456	GE060000GSAW01	
Ancho Spring	09/19/00	WC				Geninorg	EPA:300.0	Chlorida		2.24			0.000	mg/L			12400	GF060900GSAW01	
Ancho Spring	10/21/03	WG				Geninorg	EPA:300.0	Chlorida		2.10			0.0322	mg/∟			510097	GF05010GSAW01	
Ancho Spring	10/24/01	WG	F			Geninorg	EPA:300.0	Chlorida		1.89			0.025	mg/L			51004	GF01101GSAW	
Ancho Spring	10/24/01	WG	F	DUP		Geninorg	EPA:300.0	Chlorida		1.85			0.025	mg/L			20912	GFUTTUTGSAW	GELC
Ancho Spring	09/26/00	WG				Geninorg	500-846:9056	Chlorida		1.92			0.026	mg/L			32208	GIVIUUU91GSAW	GELC
Ancho Spring	09/19/06	WG				Geninorg	EPA:300.0	Elucrido		2.21			0.000	mg/L			172400	GE070400GSAW01	GELC
Ancho Spring	00/10/06	WC				Geninorg	EPA:300.0	Fluoride		0.355			0.033	mg/L			172456	GF070400GSAW01	
Ancho Spring	09/19/00	WG				Geninorg	EPA:300.0	Fluoride	<	0.364			0.055	mg/∟		0, J+	172400	GF000900GSAW01	
Ancho Spring	02/02/05	WG		00		Geninorg	EPA.300.0	Fluoride		0.307			0.0555	mg/∟			130097	GF05010GSAW01	GELC
Ancho Spring	10/24/01	WG				Geninorg	EPA:340.2	Fluoride		0.315			0.006	mg/L			51004	GF01101GSAW	GELC
Ancho Spring	10/24/01	WG				Geninorg	EPA:340.2			0.314			0.006	mg/L			50912	GF01101GSAW	GELC
Ancho Spring	09/26/00	WG		US		Geninorg	EPA:340.2			0.355			0.007	mg/L			32208	GM00091GSAW	GELC
Ancho Spring	09/19/06	WG		CS		Geninorg	EPA:300.0	Fluoride	<	0.411			0.033	mg/L		U	172456	GU060900GSAW01	GELC
Ancho Spring	05/02/07	WG	F	CS		Geninorg	SM:A2340B	Hardness		45.6			0.44	mg/L			185416	GF070400GSAW01	GELC
Ancho Spring	09/19/06	WG		US		Geninorg	SM:A2340B	Hardness		43.9			0.085	mg/L			172456	GF060900GSAW01	GELC
Ancho Spring	02/02/05	WG		US		Geninorg	SM:A2340B	Hardness		45.6			0.00554	mg/L			130097	GF05010GSAW01	GELC
Ancho Spring	10/24/01	WG	F	CS		Geninorg	EPA:200.7	Hardness		42.4			0.112	mg/L			51004	GF01101GSAW	GELC
Ancho Spring	09/26/00	WG		CS		Geninorg	SM:A2340B	Hardness		44.7			0.103	mg/L			32208	GM00091GSAW	GELC
Ancho Spring	05/02/07	WG		CS		Geninorg	SM:A2340B	Hardness		42.7			0.44	mg/L			185416	GU070400GSAW01	GELC
Ancho Spring	09/19/06	WG		CS		Geninorg	SM:A2340B	Hardness		44			0.085	mg/L			172456	GU060900GSAW01	GELC
Ancho Spring	05/02/07	WG	F	CS		Geninorg	SW-846:6010B	Magnesium		3.19			0.085	mg/L			185416	GF070400GSAW01	GELC
Ancho Spring	09/19/06	WG		CS		Geninorg	SW-846:6010B	Magnesium		2.98			0.085	mg/L			172456	GF060900GSAW01	GELC
Ancho Spring	02/02/05	WG	F	CS		Geninorg	SW-846:6010B	Magnesium		3.11			0.00518	mg/L			130097	GF05010GSAW01	GELC
Ancho Spring	10/24/01	WG	F	CS		Geninorg	SW-846:6010B	Magnesium		2.96			0.00449	mg/L			51004	GF01101GSAW	GELC
Ancho Spring	10/24/01	WG	F	DUP		Geninorg	SW-846:6010B	Magnesium		3.03			0.00449	mg/L			51004	GF01101GSAW	GELC
Ancho Spring	09/26/00	WG	F	CS		Geninorg	SW-846:6010B	Magnesium		3.02			0.00354	mg/L			32208	GM00091GSAW	GELC
Ancho Spring	05/02/07	WG	UF	CS		Geninorg	SW-846:6010B	Magnesium		2.99			0.085	mg/L			185416	GU070400GSAW01	GELC
Ancho Spring	09/19/06	WG	UF	CS	ļ	Geninorg	SW-846:6010B	Magnesium		3	ļ		0.085	mg/L	<u> </u>	ļ	172456	GU060900GSAW01	GELC
Ancho Spring	05/02/07	WG	F	CS		Geninorg	EPA:353.2	Nitrate-Nitrite as N		0.62			0.1	mg/L	 		185416	GF070400GSAW01	GELC
Ancho Spring	09/19/06	WG	<u> </u> F	CS		Geninorg	EPA:353.1	Nitrate-Nitrite as N		0.424			0.014	mg/L			172456	GF060900GSAW01	GELC
Ancho Spring	02/02/05	WG	<u> </u> F	CS		Geninorg	EPA:353.1	Nitrate-Nitrite as N		0.491			0.003	mg/L			130097	GF05010GSAW01	GELC
Ancho Spring	10/24/01	WG	F	CS		Geninorg	EPA:353.1	Nitrate-Nitrite as N		0.34			0.0069	mg/L			51004	GF01101GSAW	GELC

r			-		1			Analytical Results	1	1			1				1		
Location	Date	Field Matrix	Field	Lab Sample	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Ancho Spring	10/24/01	WG	F	DUP	- 7	Geninora	EPA:353.1	Nitrate-Nitrite as N		0.34			0.0069	ma/L			50912	GF01101GSAW	GELC
Ancho Spring	09/26/00	WG	F	CS		Geninora	EPA:353.1	Nitrate-Nitrite as N		0.37			0.009	ma/L			32208	GM00091GSAW	GELC
Ancho Spring	09/19/06	WG	UF	CS		Geninora	EPA:353.1	Nitrate-Nitrite as N		0.371			0.014	ma/L			172456	GU060900GSAW01	GELC
Ancho Spring	05/02/07	WG	F	CS		Geninorg	SW-846:6850	Perchlorate		0.364			0.05	ua/l			185416	GE070400GSAW01	GELC
Ancho Spring	09/19/06	WG	F	CS		Geninorg	EPA:314 0	Perchlorate	٢	4			4	µg/∟ ug/l	U	Ŭ	172456	GE060900GSAW01	GELC
Ancho Spring	09/19/06	WG	F	CS		Geninorg	SW846 6850	Perchlorate		0.3			0.05	µg/∟ ug/l	Ŭ		172456	GF060900GSAW01	GELC
Ancho Spring	02/02/05	WG	UF	CS		Geninorg	EPA:314 0	Perchlorate	٢	4			4	µg/∟ ug/l	U		130097	GU05010GSAW01	GELC
Ancho Spring	02/02/05	WG		CS		Geninorg	SW846 6850	Perchlorate	Ì	0.439			0.05	µg/∟ ug/l	Ŭ		130097	GU05010GSAW01	GELC
Ancho Spring	10/24/01	WG		CS		Geninorg	EPA:314 0	Perchlorate	2	0.400			0.00	µg/∟ ug/l	11		51004	GU01101GSAW	GELC
Ancho Spring	10/24/01	WG				Geninorg	EPA:314.0	Perchlorate	~	0.000			0.000	µg/∟ ug/l			50012	GU01101GSAW	
Ancho Spring	00/26/00	WG				Geninorg	EDA:214.0	Perchlorate	\	1.04			1.04	µg/∟ α/l			20212	GM00001GSAW	
Ancho Spring	05/20/00	WC		CS		Coninorg	CFA.314.0	Petocolum		1.04			0.05	µg/∟ ma/l	0		105/16		
Ancho Spring	05/02/07	WG				Geninorg	SW-040.0010D	Polassium		1.9			0.05	mg/∟			100410	GF070400GSAW01	
Ancho Spring	09/19/06	WG				Geninorg	SW-040.0010D	Polassium		1.70			0.05	mg/∟			172400	GF060900GSAW01	
Ancho Spring	02/02/05	WG				Geninorg	SW-846:6010B	Potassium		1.72			0.0105	mg/L			130097	GF05010GSAW01	GELC
Ancho Spring	10/24/01	WG				Geninorg	SW-846:6010B	Potassium		1.84			0.00707	mg/L			51004	GF01101GSAW	GELC
Ancho Spring	10/24/01	WG		DUP		Geninorg	SW-846:6010B	Potassium		1.88			0.00707	mg/L			51004	GFUTTUTGSAW	GELC
Ancho Spring	09/26/00	WG				Geninorg	SW-846:6010B	Potassium		1.86			0.0164	mg/L			32208	GM00091GSAW	GELC
Ancho Spring	05/02/07	WG		CS		Geninorg	SW-846:6010B	Potassium		1.73			0.05	mg/L			185416	GU070400GSAW01	GELC
Ancho Spring	09/19/06	WG		CS		Geninorg	SW-846:6010B	Potassium		1.73	-		0.05	mg/L			172456	GU060900GSAW01	GELC
Ancho Spring	05/02/07	WG		CS		Geninorg	SW-846:6010B	Silicon Dioxide		73.1			0.032	mg/L			185416	GF070400GSAW01	GELC
Ancho Spring	09/19/06	WG	F	CS		Geninorg	SW-846:6010B	Silicon Dioxide		72			0.032	mg/L			172456	GF060900GSAW01	GELC
Ancho Spring	02/02/05	WG	F	CS		Geninorg	SW-846:6010B	Silicon Dioxide		71.2			0.0212	mg/L			130097	GF05010GSAW01	GELC
Ancho Spring	10/24/01	WG	F	CS		Geninorg	SW-846:6010B	Silicon Dioxide		74.6			0.0568	mg/L			51004	GF01101GSAW	GELC
Ancho Spring	10/24/01	WG	F	DUP		Geninorg	SW-846:6010B	Silicon Dioxide		78.5			0.0568	mg/L			51004	GF01101GSAW	GELC
Ancho Spring	09/26/00	WG	F	CS		Geninorg	SW-846:6010B	Silicon Dioxide		81.1			0.0186	mg/L			32208	GM00091GSAW	GELC
Ancho Spring	09/19/06	WG	UF	CS		Geninorg	SW-846:6010B	Silicon Dioxide		73.1			0.032	mg/L			172456	GU060900GSAW01	GELC
Ancho Spring	05/02/07	WG	F	CS		Geninorg	SW-846:6010B	Sodium		11.5			0.045	mg/L			185416	GF070400GSAW01	GELC
Ancho Spring	09/19/06	WG	F	CS		Geninorg	SW-846:6010B	Sodium		10.1			0.045	mg/L			172456	GF060900GSAW01	GELC
Ancho Spring	02/02/05	WG	F	CS		Geninorg	SW-846:6010B	Sodium		10.4			0.0144	mg/L			130097	GF05010GSAW01	GELC
Ancho Spring	10/24/01	WG	F	CS		Geninorg	SW-846:6010B	Sodium		10.4			0.00813	mg/L			51004	GF01101GSAW	GELC
Ancho Spring	10/24/01	WG	F	DUP		Geninorg	SW-846:6010B	Sodium		10.6			0.00813	mg/L			51004	GF01101GSAW	GELC
Ancho Spring	09/26/00	WG	F	CS		Geninorg	SW-846:6010B	Sodium		11.1			0.013	mg/L			32208	GM00091GSAW	GELC
Ancho Spring	05/02/07	WG	UF	CS		Geninorg	SW-846:6010B	Sodium		10.4			0.045	mg/L			185416	GU070400GSAW01	GELC
Ancho Spring	09/19/06	WG	UF	CS		Geninorg	SW-846:6010B	Sodium		10.2			0.045	mg/L			172456	GU060900GSAW01	GELC
Ancho Spring	05/02/07	WG	F	CS		Geninorg	EPA:120.1	Specific Conductance		141			1	μS/cm			185416	GF070400GSAW01	GELC
Ancho Spring	09/19/06	WG	F	CS		Geninorg	EPA:120.1	Specific Conductance		140			1	μS/cm			172456	GF060900GSAW01	GELC
Ancho Spring	02/02/05	WG	F	CS		Geninorg	SW-846:9050A	Specific Conductance		135			1	μS/cm			130097	GF05010GSAW01	GELC
Ancho Spring	10/24/01	WG	F	CS		Geninorg	SW-846:9050A	Specific Conductance		118			1	μS/cm			51004	GF01101GSAW	GELC
Ancho Spring	10/24/01	WG	F	DUP		Geninorg	EPA:120.1	Specific Conductance		118			1	μS/cm			50912	GF01101GSAW	GELC
Ancho Spring	09/26/00	WG	F	CS		Geninorg	SW-846:9050A	Specific Conductance		101			1	μS/cm			32208	GM00091GSAW	GELC
Ancho Spring	09/19/06	WG	UF	CS		Geninora	EPA:120.1	Specific Conductance		143			1	uS/cm			172456	GU060900GSAW01	GELC
Ancho Spring	05/02/07	WG	F	CS		Geninora	EPA:300.0	Sulfate		2.65			0.1	ma/L			185416	GF070400GSAW01	GELC
Ancho Spring	09/19/06	WG	F	CS		Geninora	EPA:300.0	Sulfate		2.59			0.1	ma/L			172456	GF060900GSAW01	GELC
Ancho Spring	02/02/05	WG	F	CS		Geninora	EPA:300.0	Sulfate		2.61			0.193	ma/L			130097	GF05010GSAW01	GELC
Ancho Spring	10/24/01	WG	F	CS		Geninora	EPA:300.0	Sulfate		2.21			0.062	ma/L			51004	GF01101GSAW	GELC
Ancho Spring	10/24/01	WG	F	DUP	1	Geninora	EPA:300.0	Sulfate		2.32	1		0.062	ma/l	1	1	50912	GF01101GSAW	GELC
Ancho Spring	09/26/00	WG	F	CS		Geninora	SW-846-9056	Sulfate		2.22			0.079	ma/l		1	32208	GM00091GSAW	GELC
Ancho Spring	09/19/06	WG	UF	CS		Geninorg	EPA:300.0	Sulfate		2.56			0.1	ma/l			172456	GU060900GSAW01	GFLC
Ancho Spring	05/02/07	WG	UF	CS CS	1	Geninorg	EPA:160.2	Suspended Sediment Concentration		1 4		L	1 14	ma/l	1.1	1	185416	GU070400GSAW01	GFLC
Ancho Spring	09/19/06	WG	UF	CS CS	1	Geninorg	EPA:160.2	Suspended Sediment Concentration	<	1 43		L	1 43	ma/l	ŭ	1	172456	GU060900GSAW01	GELC
Ancho Spring	02/02/05	WG		CS		Geninorg	EPA:160.2	Suspended Sediment Concentration		6			1.53	ma/l	Ŭ.		130007	GU05010GSAW01	GELC
raiono opinig	02/02/00	**0		00	1	Cermory			1	U U	1		1.00	шу/с	U U	1	100031	550501065AW01	

		Field	Field	Lab Sample	Field QC	;									Lab	2nd			
Location	Date	Matrix	Prep	Туре	Туре	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Qual	Qual	Request	Sample	Lab
Ancho Spring	02/02/05	WG	UF	RE		Geninorg	EPA:160.2	Suspended Sediment Concentration		5.2			1.53	mg/L	J		130097	GU05010GSAW01	GELC
Ancho Spring	05/02/07	WG	F	CS		Geninorg	EPA:160.1	Total Dissolved Solids		135			2.38	mg/L			185416	GF070400GSAW01	GELC
Ancho Spring	09/19/06	WG	F	CS		Geninorg	EPA:160.1	Total Dissolved Solids		155			2.38	mg/L			172456	GU060900GSAW01	GELC
Ancho Spring	09/19/06	WG	F	CS		Geninorg	EPA:160.1	Total Dissolved Solids		151			2.38	mg/L			172456	GF060900GSAW01	GELC
Ancho Spring	02/02/05	WG	F	CS		Geninorg	EPA:160.1	Total Dissolved Solids		131			3.07	mg/L			130097	GF05010GSAW01	GELC
Ancho Spring	10/24/01	WG	F	CS		Geninorg	EPA:160.1	Total Dissolved Solids		144			5.09	mg/L			51004	GF01101GSAW	GELC
Ancho Spring	10/24/01	WG	F	DUP		Geninorg	EPA:160.1	Total Dissolved Solids		147			5.09	mg/L			51004	GF01101GSAW	GELC
Ancho Spring	09/26/00	WG	F	CS		Geninorg	EPA:160.1	Total Dissolved Solids		148			6.29	mg/L			32208	GM00091GSAW	GELC
Ancho Spring	09/26/00	WG	F	DUP		Geninorg	EPA:160.1	Total Dissolved Solids		155			6.29	mg/L		J	32208	GM00091GSAW	GELC
Ancho Spring	05/02/07	WG	F	CS		Geninorg	EPA:351.2	Total Kjeldahl Nitrogen		0.045			0.029	mg/L	J	JN-	185416	GF070400GSAW01	GELC
Ancho Spring	09/19/06	WG	F	CS		Geninorg	EPA:351.2	Total Kjeldahl Nitrogen		0.036			0.01	mg/L	J	JN-	172456	GF060900GSAW01	GELC
Ancho Spring	09/19/06	WG	UF	CS		Geninorg	EPA:351.2	Total Kjeldahl Nitrogen		0.064			0.01	mg/L	J		172456	GU060900GSAW01	GELC
Ancho Spring	05/02/07	WG	UF	CS		Geninorg	SW-846:9060	Total Organic Carbon		0.399			0.33	mg/L			185416	GU070400GSAW01	GELC
Ancho Spring	09/19/06	WG	UF	CS		Geninorg	SW-846:9060	Total Organic Carbon	<	0.737			0.33	mg/L	J	U	172456	GU060900GSAW01	GELC
Ancho Spring	05/02/07	WG	F	CS		Geninorg	EPA:150.1	рН		7.88			0.01	SU	Н	J	185416	GF070400GSAW01	GELC
Ancho Spring	09/19/06	WG	F	CS		Geninorg	EPA:150.1	рН		7.88			0.01	SU	Н	J	172456	GF060900GSAW01	GELC
Ancho Spring	02/02/05	WG	F	CS		Geninorg	EPA:150.1	рН		7.15				SU	Н	J	130097	GF05010GSAW01	GELC
Ancho Spring	10/24/01	WG	F	CS		Geninorg	EPA:150.1	рН		7.45			0.01	SU		J	51004	GF01101GSAW	GELC
Ancho Spring	10/24/01	WG	F	DUP		Geninorg	EPA:150.1	рН		7.47			0.01	SU			51004	GF01101GSAW	GELC
Ancho Spring	09/19/06	WG	UF	CS		Geninorg	EPA:150.1	рН		7.85			0.01	SU	Н	J	172456	GU060900GSAW01	GELC
Ancho Spring	05/02/07	WG	F	CS		Metals	SW-846:6020	Arsenic		4.4			1.5	μg/L	J		185416	GF070400GSAW01	GELC
Ancho Spring	09/19/06	WG	F	CS		Metals	SW-846:6010B	Arsenic	<	6			6	μg/L	U		172456	GF060900GSAW01	GELC
Ancho Spring	02/02/05	WG	F	CS		Metals	SW-846:6010B	Arsenic		2.6			2.24	μg/L	J	J+	130097	GF05010GSAW01	GELC
Ancho Spring	10/24/01	WG	F	CS		Metals	SW-846:6010B	Arsenic	<	3.05			4.57	μg/L	В		51004	GF01101GSAW	GELC
Ancho Spring	10/24/01	WG	F	DUP		Metals	SW-846:6010B	Arsenic	<	4.57			4.57	μg/L	U		51004	GF01101GSAW	GELC
Ancho Spring	09/26/00	WG	F	CS		Metals	SW-846:6010B	Arsenic	<	2.57			2.57	μg/L	U		32208	GM00091GSAW	GELC
Ancho Spring	05/02/07	WG	UF	CS		Metals	SW-846:6020	Arsenic		3.7			1.5	μg/L	J		185416	GU070400GSAW01	GELC
Ancho Spring	09/19/06	WG	UF	CS		Metals	SW-846:6010B	Arsenic	<	6			6	μg/L	U		172456	GU060900GSAW01	GELC
Ancho Spring	05/02/07	WG	F	CS		Metals	SW-846:6010B	Barium		26.5			1	μg/L			185416	GF070400GSAW01	GELC
Ancho Spring	09/19/06	WG	F	CS		Metals	SW-846:6010B	Barium		25.6			1	μg/L			172456	GF060900GSAW01	GELC
Ancho Spring	02/02/05	WG	F	CS		Metals	SW-846:6010B	Barium		24.7			0.222	μg/L			130097	GF05010GSAW01	GELC
Ancho Spring	10/24/01	WG	F	CS		Metals	SW-846:6010B	Barium		25.7			0.206	μg/L			51004	GF01101GSAW	GELC
Ancho Spring	10/24/01	WG	F	DUP		Metals	SW-846:6010B	Barium		26.2			0.206	μg/L			51004	GF01101GSAW	GELC
Ancho Spring	09/26/00	WG	F	CS		Metals	SW-846:6010B	Barium		28.1			0.748	μg/L			32208	GM00091GSAW	GELC
Ancho Spring	05/02/07	WG	UF	CS		Metals	SW-846:6010B	Barium		24.7			1	μg/L			185416	GU070400GSAW01	GELC
Ancho Spring	09/19/06	WG	UF	CS		Metals	SW-846:6010B	Barium		25.7			1	μg/L			172456	GU060900GSAW01	GELC
Ancho Spring	05/02/07	WG	F	CS		Metals	SW-846:6010B	Boron		19.3			10	μg/L	J		185416	GF070400GSAW01	GELC
Ancho Spring	09/19/06	WG	F	CS		Metals	SW-846:6010B	Boron		13.9			10	μg/L	J		172456	GF060900GSAW01	GELC
Ancho Spring	02/02/05	WG	F	CS		Metals	SW-846:6010B	Boron		14.1			4.88	μg/L	J		130097	GF05010GSAW01	GELC
Ancho Spring	10/24/01	WG	F	CS		Metals	SW-846:6010B	Boron	<	22.8			2.95	μg/L	В	U	51004	GF01101GSAW	GELC
Ancho Spring	10/24/01	WG	F	DUP		Metals	SW-846:6010B	Boron		19.6			2.95	μg/L	В		51004	GF01101GSAW	GELC
Ancho Spring	09/26/00	WG	F	CS		Metals	SW-846:6010B	Boron	<	4.74			4.74	μg/L	U		32208	GM00091GSAW	GELC
Ancho Spring	05/02/07	WG	UF	CS		Metals	SW-846:6010B	Boron		13.2			10	μg/L	J		185416	GU070400GSAW01	GELC
Ancho Spring	09/19/06	WG	UF	CS		Metals	SW-846:6010B	Boron		13.9			10	μg/L	J		172456	GU060900GSAW01	GELC
Ancho Spring	05/02/07	WG	F	CS		Metals	SW-846:6020	Chromium		3.9			1	μg/L	<u> </u>		185416	GF070400GSAW01	GELC
Ancho Spring	09/19/06	WG	F	CS		Metals	SW-846:6020	Chromium		2.8			1	μg/L	J	JN-	172456	GF060900GSAW01	GELC
Ancho Spring	02/02/05	WG	F	CS		Metals	SW-846:6010B	Chromium	<	3.8			0.503	μg/L	J	U	130097	GF05010GSAW01	GELC
Ancho Spring	10/24/01	WG	F	CS		Metals	SW-846:6010B	Chromium		3.47			0.781	μg/L	В		51004	GF01101GSAW	GELC
Ancho Spring	10/24/01	WG	F	DUP		Metals	SW-846:6010B	Chromium		3.08			0.781	μg/L	В		51004	GF01101GSAW	GELC
Ancho Spring	09/26/00	WG	F	CS		Metals	SW-846:6010B	Chromium		3.41			1.06	μg/L	В		32208	GM00091GSAW	GELC
Ancho Spring	05/02/07	WG	UF	CS		Metals	SW-846:6020	Chromium	1	4.5			1	μg/L	1	1	185416	GU070400GSAW01	GELC

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Location	Date	Field Matrix	Field Prep	Lab Sample	Field QC	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	МПА	MDI	Units	Lab Qua	2nd	Request	Sample	Lab
Ancho Spring	09/19/06	WG	UF	CS	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Metals	SW-846:6020	Chromium		3.4	l eigine i e		1	ug/l		JN-	172456	GU060900GSAW01	GELC
Ancho Spring	05/02/07	WG	F	CS		Metals	SW-846:6010B	Copper		3.5			3	µg/∟	J	J-	185416	GE070400GSAW01	GELC
Ancho Spring	09/19/06	WG	F	CS		Metals	SW-846:6010B	Copper	<	3			3	µg/∟	Ŭ	R	172456	GF060900GSAW01	GELC
Ancho Spring	02/02/05	WG	F	CS		Metals	SW-846:6010B	Copper		1.39			1.39	µg/∟	U		130097	GF05010GSAW01	GELC
Ancho Spring	10/24/01	WG	F	CS		Metals	SW-846:6010B	Copper		2.67			2.67	µg/∟	U		51004	GF01101GSAW	GELC
Ancho Spring	10/24/01	WG	F	DUP		Metals	SW-846:6010B	Copper	<	2.67			2.67	µg/∟	U		51004	GF01101GSAW	GELC
Ancho Spring	09/26/00	WG	F	CS		Metals	SW-846:6010B	Copper		1.84			1.84	µg/∟	U		32208	GM00091GSAW	GELC
Ancho Spring	09/19/06	WG		CS		Metals	SW-846:6010B	Copper	~	3			3	µg/∟	U	R	172456	GU060900GSAW01	GELC
Ancho Spring	09/19/06	WG	F	CS		Metals	SW-846:6010B	Iron	~	18			18	µg/∟ µg/l	U		172456	GE060900GSAW01	GELC
Ancho Spring	02/02/05	WG	F	CS		Metals	SW-846:6010B	Iron	~	12.6			12.6	µg/∟	U		130007	GE05010GSAW01	GELO
Ancho Spring	10/24/01	WG	F	<u>CS</u>		Metals	SW-846:6010B	Iron	~	20.6			20.6	µg/∟	0		51004	GE01101GSAW	
Ancho Spring	10/24/01	WG				Motole	SW-040.0010D	Iron	<u> </u>	20.0			20.0	µg/∟			51004	GE01101GSAW	
Ancho Spring	00/26/00	WG				Motole	SW-040.0010D	Iron	<	20.0			10.0	μg/L	0		22208	GM00001GSAW	
Ancho Spring	09/20/00	WG				Motolo	SW-040.0010D	Iron		19.9			19.9	µg/L g/l	1		32200		
Ancho Spring	05/02/07	WG				Metals	SW-040.0010D	Iron	-	33.3 10			10	μg/L	J	_	100410	GU070400GSAW01	
Ancho Spring	09/19/06	WG				Metals	SW-846:6010B	lion Silver	<	18			18	μg/L	0	_	172450	GUU60900GSAW01	GELC
Ancho Spring	09/19/06	WG				Metals	SVV-846:6020		<	0.2			0.2	μg/L	0		172450	GF060900GSAVV01	GELC
Ancho Spring	02/02/05	WG				Metals	SW-846:6010B		<	0.835			0.835	μg/L	0		130097	GF05010GSAW01	GELC
Ancho Spring	10/24/01	WG				Metals	SW-846:6010B	Silver	<	0.197			0.197	μg/L	0		51004	GF01101GSAW	GELC
Ancho Spring	10/24/01	WG				Metals	SW-846:6010B	Silver	<	0.197			0.197	μg/L	0	-	51004	GF01101GSAW	GELC
Ancho Spring	09/26/00	WG		CS		Metals	SW-846:6010B	Silver	<	0.529	-		0.529	μg/L	U	_	32208	GM00091GSAW	GELC
Ancho Spring	05/02/07	WG		CS		Metals	SW-846:6020	Silver		0.82			0.2	μg/L	J		185416	GU070400GSAW01	GELC
Ancho Spring	09/19/06	WG	UF	CS		Metals	SW-846:6020	Silver	<	0.2			0.2	μg/L	U		172456	GU060900GSAW01	GELC
Ancho Spring	05/02/07	WG	F	CS		Metals	SW-846:6010B	Strontium		59.8			1	μg/L			185416	GF070400GSAW01	GELC
Ancho Spring	09/19/06	WG	F	CS		Metals	SW-846:6010B	Strontium		60.5			1	μg/L		_	172456	GF060900GSAW01	GELC
Ancho Spring	02/02/05	WG	F	CS		Metals	SW-846:6010B	Strontium		61.3			0.178	μg/L		_	130097	GF05010GSAW01	GELC
Ancho Spring	10/24/01	WG	F	CS		Metals	SW-846:6010B	Strontium		56.7			0.168	μg/L		_	51004	GF01101GSAW	GELC
Ancho Spring	10/24/01	WG	F	DUP		Metals	SW-846:6010B	Strontium		58			0.168	μg/L			51004	GF01101GSAW	GELC
Ancho Spring	09/26/00	WG	F	CS		Metals	SW-846:6010B	Strontium		63.9			0.469	μg/L			32208	GM00091GSAW	GELC
Ancho Spring	05/02/07	WG	UF	CS		Metals	SW-846:6010B	Strontium		57.6			1	μg/L			185416	GU070400GSAW01	GELC
Ancho Spring	09/19/06	WG	UF	CS		Metals	SW-846:6010B	Strontium		61			1	μ g/L			172456	GU060900GSAW01	GELC
Ancho Spring	05/02/07	WG	F	CS		Metals	SW-846:6020	Uranium		0.31			0.05	μg/L			185416	GF070400GSAW01	GELC
Ancho Spring	09/19/06	WG	F	CS		Metals	SW-846:6020	Uranium		0.24			0.05	μg/L			172456	GF060900GSAW01	GELC
Ancho Spring	05/02/07	WG	UF	CS		Metals	SW-846:6020	Uranium		0.35			0.05	μg/L			185416	GU070400GSAW01	GELC
Ancho Spring	09/19/06	WG	UF	CS		Metals	SW-846:6020	Uranium		0.25			0.05	μ g/L			172456	GU060900GSAW01	GELC
Ancho Spring	05/02/07	WG	F	CS		Metals	SW-846:6010B	Vanadium		8.2			1	μ g/L		J+	185416	GF070400GSAW01	GELC
Ancho Spring	09/19/06	WG	F	CS		Metals	SW-846:6010B	Vanadium		6.2			1	μg/L			172456	GF060900GSAW01	GELC
Ancho Spring	02/02/05	WG	F	CS		Metals	SW-846:6010B	Vanadium	<	7.6			0.606	μg/L		U	130097	GF05010GSAW01	GELC
Ancho Spring	10/24/01	WG	F	CS		Metals	SW-846:6010B	Vanadium		6.72			1.09	μg/L			51004	GF01101GSAW	GELC
Ancho Spring	10/24/01	WG	F	DUP		Metals	SW-846:6010B	Vanadium		7.09			1.09	μg/L			51004	GF01101GSAW	GELC
Ancho Spring	09/26/00	WG	F	CS		Metals	SW-846:6010B	Vanadium		6.77			0.89	μg/L			32208	GM00091GSAW	GELC
Ancho Spring	09/19/06	WG	UF	CS		Metals	SW-846:6010B	Vanadium		6.2			1	μg/L			172456	GU060900GSAW01	GELC
Ancho Spring	05/02/07	WG	F	CS		Metals	SW-846:6010B	Zinc		2.1			2	μg/L	J		185416	GF070400GSAW01	GELC
Ancho Spring	09/19/06	WG	F	CS		Metals	SW-846:6010B	Zinc	<	3.2			2	ug/L	J*	U, J	172456	GF060900GSAW01	GELC
Ancho Spring	02/02/05	WG	F	CS		Metals	SW-846:6010B	Zinc	<	1.2			0.883	ua/L	J	U	130097	GF05010GSAW01	GELC
Ancho Sprina	10/24/01	WG	F	CS		Metals	SW-846:6010B	Zinc	<	1.51			2.81	ua/L	В	U	51004	GF01101GSAW	GELC
Ancho Sprina	10/24/01	WG	F	DUP	1	Metals	SW-846:6010B	Zinc	<	1.18			2.81	ua/l	В		51004	GF01101GSAW	GELC
Ancho Spring	09/26/00	WG	F	CS		Metals	SW-846:6010B	Zinc	<	2.26			3.89	ua/l	В	U	32208	GM00091GSAW	GELC
Ancho Spring	09/19/06	WG	UF	CS		Metals	SW-846:6010B	Zinc	<	3.5			2	ug/l	J*	J. U	172456	GU060900GSAW01	GELC
Ancho Spring	05/02/07	WG	UF	cs		Rad	LLEE	Tritium		-0.12772	0.09579	0.28737	Ē	pCi/l	-	U	2336	UU070400GSAW01	UMTI
Ancho Spring	09/19/06	WG	UF	cs		Rad	LLEE	Tritium		0.15965	0.09579	0.28737		pCi/l		Ŭ	2273	UU060900GSAW01	UMTI
Ancho Spring	02/02/05	WG	UF	cs		Rad	EPA:906.0	Tritium		37.4	20.2	204		pCi/l	U	Ŭ	130097	GU05010GSAW01	GFLC
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Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Ancho Spring	02/02/05	WG	UF	CS		Rad	LLEE	Tritium		-0.15965	0.09579		0.28737	pCi/L		U	2009	UU05010GSAW01	UMTL
Ancho Spring	10/24/01	WG	UF	CS		Rad	EPA:906.0	Tritium		-53.8	16.36666667	167		pCi/L	U	U	51004	GU01101GSAW	GELC
Ancho Spring	10/24/01	WG	UF	DUP		Rad	EPA:906.0	Tritium		-26.6	16.43333333	165		pCi/L	U		51004	GU01101GSAW	GELC
Ancho Spring	09/26/00	WG	UF	CS		Rad	EPA:906.0	Tritium		-89.6	18.13333333	191		pCi/L		U	32009	GM00091GSAW	GELC
Spring 2	05/07/07	WG	F	CS		Geninorg	EPA:310.1	Alkalinity-CO ₃		1.72			0.725	mg/L			185674	GF070400G2SW01	GELC
Spring 2	09/18/06	WG	F	CS		Geninorg	EPA:310.1	Alkalinity-CO ₃		3.91			0.725	mg/L			172166	GF060900G2SW01	GELC
Spring 2	09/26/05	WG	F	CS		Geninorg	EPA:310.1	Alkalinity-CO ₃	<	1.45			1.45	mg/L	U		146657	GF05090G2SW01	GELC
Spring 2	09/13/04	WG	F	CS		Geninorg	EPA:310.1	Alkalinity-CO ₃		1.69			1.45	mg/L	J		121724	GF04090G2SW01	GELC
Spring 2	10/06/03	WG	F	CS		Geninorg	EPA:310.1	Alkalinity-CO ₃		3.38	1		1.45	mg/L		J	89802	GF03080G2SW01	GELC
Spring 2	09/18/06	WG	UF	CS		Geninorg	EPA:310.1	Alkalinity-CO ₃		5.26			0.725	mg/L			172166	GU060900G2SW01	GELC
Spring 2	05/07/07	WG	F	CS		Geninorg	EPA:310.1	Alkalinity-CO ₃ +HCO ₃		131			0.725	mg/L			185674	GF070400G2SW01	GELC
Spring 2	09/18/06	WG	F	CS		Geninorg	EPA:310.1	Alkalinity-CO ₃ +HCO ₃		68.7			0.725	mg/L			172166	GF060900G2SW01	GELC
Spring 2	09/26/05	WG	F	CS		Geninorg	EPA:310.1	Alkalinity-CO ₃ +HCO ₃		112			1.45	mg/L			146657	GF05090G2SW01	GELC
Spring 2	09/13/04	WG	F	CS		Geninora	EPA:310.1	Alkalinity-CO ₃ +HCO ₃		126			1.45	ma/L			121724	GF04090G2SW01	GELC
Spring 2	10/06/03	WG	F	CS		Geninorg	EPA:310.1	Alkalinity-CO ₂ +HCO ₂	-	150			1.45	ma/L		J	89802	GF03080G2SW01	GELC
Spring 2	09/18/06	WG	UF	CS		Geninora	EPA:310.1	Alkalinity-CO ₂ +HCO ₂		170			0.725	ma/L		-	172166	GU060900G2SW01	GELC
Spring 2	05/07/07	WG	F	CS		Geninorg	EPA:350 1	Ammonia as Nitrogen		0.041			0.03	ma/l	J		185674	GE070400G2SW01	GELC
Spring 2	09/18/06	WG	F	CS		Geninorg	EPA:350 1	Ammonia as Nitrogen	<	0.01			0.00	mg/L	Ŭ	U.I	172166	GF060900G2SW01	GELC
Spring 2	09/26/05	WG	F	CS		Geninora	EPA:350.1	Ammonia as Nitrogen	<	0.04			0.04	ma/L	U	UJ. R	146657	GF05090G2SW01	GELC
Spring 2	09/18/06	WG	UF	CS		Geninora	EPA:350.1	Ammonia as Nitrogen	<	0.01			0.01	ma/L	U	UJ	172166	GU060900G2SW01	GELC
Spring 2	05/07/07	WG	F	CS		Geninorg	SW-846:6010B	Calcium		15.3			0.036	ma/L	-		185674	GF070400G2SW01	GELC
Spring 2	09/18/06	WG	F	CS		Geninorg	SW-846:6010B	Calcium		20.3			0.036	mg/L			172166	GF060900G2SW01	GELC
Spring 2	09/26/05	WG	F	CS		Geninorg	SW-846:6010B	Calcium		16.5			0.036	mg/L			146657	GF05090G2SW01	GELC
Spring 2	09/13/04	WG	F	CS		Geninorg	SW-846:6010B	Calcium		13.5			0.00554	mg/L			121724	GF04090G2SW01	GELC
Spring 2	10/06/03	WG	F	CS		Geninorg	SW-846:6010B	Calcium		19			0.00554	mg/L			89802	GF03080G2SW01	GELC
Spring 2	05/07/07	WG	UF	CS		Geninorg	SW-846:6010B	Calcium		15.7			0.036	mg/L			185674	GU070400G2SW01	GELC
Spring 2	09/18/06	WG	UF	CS		Geninorg	SW-846:6010B	Calcium		21.3			0.036	mg/L			172166	GU060900G2SW01	GELC
Spring 2	09/26/05	WG	UF	CS		Geninorg	SW-846:6010B	Calcium		17.2			0.036	mg/L			146657	GU05090G2SW01	GELC
Spring 2	05/07/07	WG	F	CS		Geninorg	EPA:300.0	Chloride		2.85			0.066	mg/L			185674	GF070400G2SW01	GELC
Spring 2	09/18/06	WG	F	CS		Geninorg	EPA:300.0	Chloride		3.53			0.066	mg/L	-		172166	GF060900G2SW01	GELC
Spring 2	09/26/05	WG	F	CS		Geninorg	EPA:300.0	Chloride		2.76			0.053	mg/L			146657	GF05090G2SW01	GELC
Spring 2	09/13/04	WG		CS		Geninorg	EPA:300.0	Chloride	_	2.86		-	0.0322	mg/L			121724	GF04090G2SW01	GELC
Spring 2	10/06/03	WG				Geninorg	EPA:300.0	Chloride		3.82			0.0322	mg/L			89802	GF03080G2SW01	GELC
Spring 2	09/18/06	WG				Geninorg	EPA:300.0	Chionde		3.59			0.000	mg/L			105674	G0060900G2SW01	
Spring 2	00/18/06	WG				Geninorg	EPA.300.0	Fluoride		0.559			0.033	mg/L mg/l			172166	GF070400G2SW01	
Spring 2	09/16/00	WG	F	<u>CS</u>		Geninorg	EPA:300.0	Fluoride		0.547			0.033	mg/L			1/2100	GF05090G2SW01	
Spring 2	09/13/04	WG	F	CS		Geninorg	EPA:300.0	Fluoride		1 14			0.05	mg/L			121724	GF04090G2SW01	GELC
Spring 2	10/06/03	WG	F	CS		Geninorg	EPA:300.0	Fluoride		1 19			0.0553	ma/l	1		89802	GF03080G2SW01	GELC
Spring 2	09/18/06	WG	UF	CS		Geninora	EPA:300.0	Fluoride		1.16			0.033	mg/L			172166	GU060900G2SW01	GELC
Spring 2	05/07/07	WG	F	CS		Geninora	SM:A2340B	Hardness		41.4			0.44	ma/L			185674	GF070400G2SW01	GELC
Spring 2	09/18/06	WG	F	CS		Geninorg	SM:A2340B	Hardness		54.9			0.085	mg/L			172166	GF060900G2SW01	GELC
Spring 2	09/26/05	WG	F	CS		Geninorg	SM:A2340B	Hardness		44.5			0.085	mg/L			146657	GF05090G2SW01	GELC
Spring 2	09/13/04	WG	F	CS		Geninorg	EPA:200.7	Hardness		36.1			0.00554	mg/L	1		121724	GF04090G2SW01	GELC
Spring 2	10/06/03	WG	F	CS		Geninorg	EPA:200.7	Hardness		50.9			0.00554	mg/L			89802	GF03080G2SW01	GELC
Spring 2	05/07/07	WG	UF	CS		Geninorg	SM:A2340B	Hardness		42.4			0.44	mg/L			185674	GU070400G2SW01	GELC
Spring 2	09/18/06	WG	UF	CS		Geninorg	SM:A2340B	Hardness		57.8			0.085	mg/L			172166	GU060900G2SW01	GELC
Spring 2	09/26/05	WG	UF	CS		Geninorg	SM:A2340B	Hardness		47.5			0.085	mg/L			146657	GU05090G2SW01	GELC

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Location	Date	Field Matrix	Field	Lab Sample	Field QC	; Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 2	05/07/07	WG	F	CS	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Geninora	SW-846:6010B	Magnesium		0.765			0.085	ma/L			185674	GF070400G2SW01	GELC
Spring 2	09/18/06	WG	F	CS		Geninora	SW-846:6010B	Magnesium		1.03			0.085	ma/L			172166	GF060900G2SW01	GELC
Spring 2	09/26/05	WG	F	CS		Geninorg	SW-846:6010B	Magnesium		0.833			0.085	ma/l			146657	GF05090G2SW01	GELC
Spring 2	09/13/04	WG	F	CS		Geninorg	SW-846:6010B	Magnesium		0.603			0.00518	ma/l			121724	GF04090G2SW01	GELC
Spring 2	10/06/03	WG	F	CS		Geninorg	SW-846:6010B	Magnesium		0.848			0.00518	ma/l			89802	GE03080G2SW01	GELC
Spring 2	05/07/07	WG	UF	CS		Geninorg	SW-846:6010B	Magnesium		0.812			0.085	ma/l			185674	GU070400G2SW01	GELC
Spring 2	09/18/06	WG	UF	CS		Geninorg	SW-846:6010B	Magnesium		1 13			0.085	ma/l			172166	GU060900G2SW01	GELC
Spring 2	09/26/05	WG		CS		Geninorg	SW-846:6010B	Magnesium		1.13			0.000	ma/l			146657	GU05090G2SW01	GELC
Spring 2	05/07/07	WG	F			Geninorg	EPΔ·353 2	Nitrate-Nitrite as N		0.01			0.000	mg/L	1	INI-	185674	GE070400G2SW01	GELC
Spring 2	00/18/06	WG	F	<u> </u>		Geninorg	EDA:353.1	Nitrate-Nitrite as N	/	0.01			0.01	mg/L	<u>,</u>		172166	GF060000G2SW01	
Spring 2	09/16/05	WG	F			Geninorg	EDA:353.1	Nitrate-Nitrite as N	~	0.014			0.014	mg/L		03, 1	1/6657	GF05090G2SW01	
Spring 2	09/20/03	WG		CS		Geninorg	EPA:353.1	Nitrate Nitrite as N		0.017			0.017	mg/L			12172/	GF04000G2SW01	
Spring 2	10/06/02	WC				Coninorg	EFA.303.1	Nitrate Nitrite on N	<	0.003			0.003	mg/∟		D	00002	GF04090G23W01	
Spring 2	10/00/03	WC				Coninorg	EFA.303.1	Nitrate Nitrite on N	<	0.01			0.01	mg/∟	0	ĸ	172166		
Spring 2	09/16/06	WG				Geninorg	EPA.303.1	Nillale-Nillile as N		0.049			0.014	mg/∟			105674	G0060900G23W01	
Spring 2	05/07/07	WG				Geninorg	500-846.6850	Perchiorate		0.163			0.05	μg/L	J		180674	GF070400G2SW01	GELC
Spring 2	09/18/06	WG				Geninorg	EPA:314.0	Perchiorate	<	4			4	μg/L	U		172166	GF060900G2SW01	GELC
Spring 2	09/18/06	WG		CS		Geninorg	SVV846 6850	Perchiorate	<	0.05			0.05	μg/L	U		1/2166	GF060900G2SW01	GELC
Spring 2	09/26/05	WG		CS		Geninorg	EPA:314.0	Perchiorate	<	4			4	μg/L	U		146657	GF05090G2SW01	GELC
Spring 2	09/26/05	WG		CS		Geninorg	SW846 6850	Perchlorate	<	0.05	-		0.05	μg/L	U		146657	GF05090G2SW01	GELC
Spring 2	09/13/04	WG		CS		Geninorg	SW846 6850	Perchlorate	<	0.05			0.05	μg/L	U		121725	GU04090G2SW01	GELC
Spring 2	09/13/04	WG	UF	CS		Geninorg	EPA:314.0	Perchlorate	<	4			4	μg/L	U		121725	GU04090G2SW01	GELC
Spring 2	10/06/03	WG	UF	CS		Geninorg	EPA:314.0	Perchlorate	<	4			4	μg/L	U		89802	GU03080G2SW01	GELC
Spring 2	05/07/07	WG	F	CS		Geninorg	SW-846:6010B	Potassium		1.65			0.05	mg/L			185674	GF070400G2SW01	GELC
Spring 2	09/18/06	WG	F	CS		Geninorg	SW-846:6010B	Potassium		1.48			0.05	mg/L			172166	GF060900G2SW01	GELC
Spring 2	09/26/05	WG	F	CS		Geninorg	SW-846:6010B	Potassium		1.47			0.05	mg/L			146657	GF05090G2SW01	GELC
Spring 2	09/13/04	WG	F	CS		Geninorg	SW-846:6010B	Potassium		1.26			0.0165	mg/L			121724	GF04090G2SW01	GELC
Spring 2	10/06/03	WG	F	CS		Geninorg	SW-846:6010B	Potassium		1.45			0.0165	mg/L			89802	GF03080G2SW01	GELC
Spring 2	05/07/07	WG	UF	CS		Geninorg	SW-846:6010B	Potassium		1.74			0.05	mg/L			185674	GU070400G2SW01	GELC
Spring 2	09/18/06	WG	UF	CS		Geninorg	SW-846:6010B	Potassium		1.49			0.05	mg/L			172166	GU060900G2SW01	GELC
Spring 2	09/26/05	WG	UF	CS		Geninorg	SW-846:6010B	Potassium		1.77			0.05	mg/L			146657	GU05090G2SW01	GELC
Spring 2	05/07/07	WG	F	CS		Geninorg	SW-846:6010B	Silicon Dioxide		32			0.032	mg/L			185674	GF070400G2SW01	GELC
Spring 2	09/18/06	WG	F	CS		Geninorg	SW-846:6010B	Silicon Dioxide		37			0.032	mg/L			172166	GF060900G2SW01	GELC
Spring 2	09/26/05	WG	F	CS		Geninorg	SW-846:6010B	Silicon Dioxide		32.6			0.032	mg/L			146657	GF05090G2SW01	GELC
Spring 2	09/13/04	WG	F	CS		Geninorg	SW-846:6010B	Silicon Dioxide		30.3			0.0212	mg/L			121724	GF04090G2SW01	GELC
Spring 2	09/24/01	WG	F	CS		Geninorg	SW-846:6010B	Silicon Dioxide		34.7			0.284	mg/L	Е		49694	GF01091G2SW	GELC
Spring 2	09/18/06	WG	UF	CS		Geninorg	SW-846:6010B	Silicon Dioxide		38.6			0.032	mg/L			172166	GU060900G2SW01	GELC
Spring 2	09/26/05	WG	UF	CS		Geninorg	SW-846:6010B	Silicon Dioxide		39.5			0.032	mg/L			146657	GU05090G2SW01	GELC
Spring 2	05/07/07	WG	F	CS		Geninora	SW-846:6010B	Sodium		42.8			0.045	ma/L			185674	GF070400G2SW01	GELC
Spring 2	09/18/06	WG	F	CS		Geninora	SW-846:6010B	Sodium		63.6			0.045	ma/L			172166	GF060900G2SW01	GELC
Spring 2	09/26/05	WG	F	CS		Geninora	SW-846:6010B	Sodium		39			0.045	ma/L			146657	GF05090G2SW01	GELC
Spring 2	09/13/04	WG	F	CS		Geninora	SW-846:6010B	Sodium		44.1			0.0144	ma/L			121724	GF04090G2SW01	GELC
Spring 2	10/06/03	WG	F	CS		Geninorg	SW-846:6010B	Sodium		64			0.0144	ma/l			89802	GE03080G2SW01	GELC
Spring 2	05/07/07	WG	UF	CS		Geninorg	SW-846:6010B	Sodium		44.3			0.045	ma/l			185674	GU070400G2SW01	GELC
Spring 2	09/18/06	WG	UF	CS		Geninorg	SW-846:6010B	Sodium		65.5			0.045	ma/l			172166	GU060900G2SW01	GELC
Spring 2	09/26/05	WG		CS		Geninorg	SW-846:6010B	Sodium		40			0.045	ma/l			146657	GU05090G2SW01	GELC
Spring 2	05/07/07	WG	F			Geninorg	EDA:120 1	Specific Conductance		274			1	uS/om			18567/	GE070400G2SW01	
Spring 2	00/18/06	WG	F			Geninorg	EPΔ·120.1	Specific Conductance		338			1	uS/om			172166	GE06000002310/01	GELC
Spring 2	09/10/00	WG				Geninorg	EDA:120.1	Specific Conductance		230			1	μο/cm			1/6657	GE05000G23W01	
Spring 2	09/20/03	WG				Geninora	SW/-846.00504	Specific Conductance		250			1	μS/cm			121724	GE0/000G23W01	
Spring 2	10/06/02	WG				Geninora	SW-040.9000A	Specific Conductance		200			1	μS/cm			80802	GE03080G23W01	
Spring 2	10/00/03	wo				Coning	EDA:100.4	Specific Conductance	-	222			1	μS/cm			170400		
opring ∠	09/18/06	WG	UF	60		Geninorg	EPA:120.1	Specific Conductance	1	333				μS/cm	1		1/2100	G0000900G2SW01	GELC

			T					Analytical Results				1		1					—
Location	Date	Field Matrix	Field	Lab Sample	Field QC	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	МПА	МПІ	Unite	Lab	2nd Qual	Request	Sample	Lab
Spring 2	05/07/07	WG	F	CS I ype	Туре	Geninora	EPA:300.0	Sulfate	Symbol	4 66				ma/l	Quai	Quai	185674	GE070400G2SW01	GELC
Spring 2	09/18/06	WG	F	<u>CS</u>		Geninorg	EPA:300.0	Sulfate		4.00			0.1	mg/L			172166	GF060900G2SW01	
Spring 2	09/16/06	WG		CS		Geninorg	EPA:300.0	Sulfato		4.77			0.1	mg/L			1/2100	GE05000C2SW01	
Spring 2	09/20/03	WC		<u> </u>		Coninorg	EPA:200.0	Sulfate		4.01			0.037	mg/L			101704	GF03090G23W01	
Spring 2	10/06/02	WC				Coninorg	EPA.300.0	Sulfate		10.0	+		0.193	mg/L			00002	GF04090G23W01	
Spring 2	00/18/06	WG		CS		Geninorg	EPA:300.0	Sulfato		10.2			0.195	mg/L			172166	GLI060000C2SW01	
Spring 2	05/07/07	WC				Coninorg	EPA:300.0	Suinale Suspanded Sediment Concentration		4.99	+		0.1	mg/L	1		105674	GU000900G23W01	
Spring 2	00/19/06	WG				Geninorg	EPA.100.2	Suspended Sediment Concentration		3.Z			2.20	mg/∟	J	-	100074	GU070400G23W01	
Spring 2	09/16/06	WC				Geninorg	EPA: 100.2	Suspended Sediment Concentration		3 27.6			1.43	mg/L	J		1/2100	GU060900G23W01	
Spring 2	09/20/05	WG				Geninorg	EPA.100.2	Suspended Sediment Concentration		27.0			1.27	mg/∟			70070	GU03090G23W01	GELC
Spring 2	11/06/02	WG				Geninorg	EPA:160.2	Suspended Sediment Concentration		3.0			1.53	mg/L	J		70273	GU02100G2SW01	GELC
Spring 2	11/06/02	WG		DUP		Geninorg	EPA:160.2	Suspended Sediment Concentration		4			1.53	mg/L	J		10213	G002100G2SW01	GELC
Spring 2	05/07/07	WG				Geninorg	EPA:160.1	Total Dissolved Solids		147			2.38	mg/L			180674	GF070400G25001	GELC
Spring 2	09/18/06	WG				Geninorg	EPA:160.1	Total Dissolved Solids		234			2.38	mg/L			172166	G0060900G2SW01	GELC
Spring 2	09/18/06	WG				Geninorg	EPA:160.1	Total Dissolved Solids		231			2.38	mg/L	_		1/2166	GF060900G2SW01	GELC
Spring 2	09/26/05	WG		CS		Geninorg	EPA:160.1	Total Dissolved Solids		184	-		2.38	mg/L			146657	GF05090G2SW01	GELC
Spring 2	09/13/04	WG		CS		Geninorg	EPA:160.1	Total Dissolved Solids		1/8	-		3.07	mg/L			121724	GF04090G2SW01	GELC
Spring 2	10/06/03	WG	F	CS		Geninorg	EPA:160.1	Total Dissolved Solids		217			3.07	mg/L	Н	J	89802	GF03080G2SW01	GELC
Spring 2	05/07/07	WG	UF	CS		Geninorg	SW-846:9060	Total Organic Carbon		1.41			0.33	mg/L			185674	GU070400G2SW01	GELC
Spring 2	09/18/06	WG	UF	CS		Geninorg	SW-846:9060	Total Organic Carbon		2			0.33	mg/L			172166	GU060900G2SW01	GELC
Spring 2	05/07/07	WG	F	CS		Geninorg	EPA:150.1	pH		8.21			0.01	SU	Н	J	185674	GF070400G2SW01	GELC
Spring 2	09/18/06	WG	F	CS		Geninorg	EPA:150.1	рН		8.58			0.01	SU	Н	J	172166	GF060900G2SW01	GELC
Spring 2	09/26/05	WG	F	CS		Geninorg	EPA:150.1	рН		7.32			0.01	SU	Н	J	146657	GF05090G2SW01	GELC
Spring 2	09/13/04	WG	F	CS		Geninorg	EPA:150.1	рН		7.98				SU	Н	J	121724	GF04090G2SW01	GELC
Spring 2	10/06/03	WG	F	CS		Geninorg	EPA:150.1	рН		8.24			0.01	SU	Н	J	89802	GF03080G2SW01	GELC
Spring 2	09/18/06	WG	UF	CS		Geninorg	EPA:150.1	рН		8.62			0.01	SU	Н	J	172166	GU060900G2SW01	GELC
Spring 2	05/07/07	WG	F	CS		Metals	SW-846:6020	Arsenic		9.7			1.5	μg/L			185674	GF070400G2SW01	GELC
Spring 2	09/18/06	WG	F	CS		Metals	SW-846:6010B	Arsenic		27.8			6	μg/L			172166	GF060900G2SW01	GELC
Spring 2	09/26/05	WG	F	CS		Metals	SW-846:6010B	Arsenic	<	6			6	μg/L	U		146657	GF05090G2SW01	GELC
Spring 2	09/13/04	WG	F	CS		Metals	SW-846:6010B	Arsenic		25.2			2.24	μg/L			121724	GF04090G2SW01	GELC
Spring 2	09/24/01	WG	F	CS		Metals	SW-846:6010B	Arsenic		23			4.57	μg/L			49694	GF01091G2SW	GELC
Spring 2	05/07/07	WG	UF	CS		Metals	SW-846:6020	Arsenic		11.6			1.5	μg/L			185674	GU070400G2SW01	GELC
Spring 2	09/18/06	WG	UF	CS		Metals	SW-846:6010B	Arsenic		26.6			6	μg/L			172166	GU060900G2SW01	GELC
Spring 2	09/26/05	WG	UF	CS		Metals	SW-846:6010B	Arsenic		10			6	μg/L	J		146657	GU05090G2SW01	GELC
Spring 2	05/07/07	WG	F	CS		Metals	SW-846:6010B	Barium		23.9			1	ua/L			185674	GF070400G2SW01	GELC
Spring 2	09/18/06	WG	F	CS		Metals	SW-846:6010B	Barium		32.4			1	ua/L			172166	GF060900G2SW01	GELC
Spring 2	09/26/05	WG	F	CS		Metals	SW-846:6010B	Barium		24.8			1	ua/L			146657	GF05090G2SW01	GELC
Spring 2	09/13/04	WG	F	CS		Metals	SW-846:6010B	Barium		19.7			0.222	ua/L			121724	GF04090G2SW01	GELC
Spring 2	09/24/01	WG	F	CS		Metals	SW-846:6010B	Barium		24.4			0.206	ua/L			49694	GF01091G2SW	GELC
Spring 2	05/07/07	WG	UF	CS		Metals	SW-846:6010B	Barium		27.5			1	ua/L			185674	GU070400G2SW01	GELC
Spring 2	09/18/06	WG	UF	CS		Metals	SW-846:6010B	Barium		36.6			1	ug/l			172166	GU060900G2SW01	GELC
Spring 2	09/26/05	WG	UF	CS		Metals	SW-846:6010B	Barium		45.2			1	ug/L			146657	GU05090G2SW01	GELC
Spring 2	05/07/07	WG	F	CS		Metals	SW-846:6010B	Boron		43			10	ug/L	J		185674	GE070400G2SW01	GELC
Spring 2	09/18/06	WG	F	CS		Metals	SW-846:6010B	Boron		72.5			10	ug/L			172166	GE060900G2SW01	GELC
Spring 2	09/26/05	WG	F	CS		Metals	SW-846:6010B	Boron		42.0			10	ug/L	1		146657	GF05090G2SW01	GELC
Spring 2	09/13/04	WG	F	CS		Metals	SW-846:6010B	Boron		71 1			4.88	µg/∟	Ŭ		121724	GF04090G2SW01	GELC
Spring 2	09/24/01	WG	F	CS		Metale	SW-846-6010B	Boron		65.9			2.00	μg/L	+		121124	GF01001C2SW01	GELO
Spring 2	05/07/07	WC				Motale	SW-846-6010D	Boron		42			10	μg/∟ uα/l	<u> </u>	1	185674	GU070400C29W/04	
Spring 2	00/18/06	WC				Motale	SW-816-6010D	Boron		72 7			10	μg/∟ uα/l	5	1	172166	GU06000C2SW01	
Spring 2	09/10/00	WC		<u> </u>	+	Motolo	SW 946-6010D	Boron		12.1			10	μg/L	+	+	1/2100	GU000300023W01	
Spring 2	05/07/07	WC		<u> </u>	+	Motolo	SW 946-6020	Chromium		+0 2 1			1	μg/L	5	+	195674	GE070400C28W01	GELC
Spring 2	00/19/06	WC				Motolo	SW-040.0020	Chromium	-	0.1			1	μg/L	+	<u> </u>	170466	CE0600000239901	
lohină ⊂	09/10/00	WG	IL.	60	1	wears	SVV-040.0UZU	GHIOIHIUHI	<	 ∠	I	1	11	μg/L	J	U	112100	GL000300G528M01	IGELU

Lasels Prior Los brain Prior				-			-	-	Analytical Results		-	_	-		-		-	-		
String 2	Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Symp 2 De13bit MC P CS Media Str448 (0) 30 Dentalm 1.3 D D.53 p.3 J U 1.27/12 Ferrobiologian(1) String 2 0.544 (0) 10 C C Media String 2 0.544 (0) 10 0.1	Spring 2	09/26/05	WG	F	CS	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Metals	SW-846:6010B	Chromium	<	1			1	μα/I	U		146657	GF05090G2SW01	GELC
Sym2 b D62-011 PC B Media SP-4680100 Control C D689 C D7 D62 D P689 C P689 C D P684 C P684 C P684 C P684 C P684 C P684 C P684 P	Spring 2	09/13/04	WG	F	CS		Metals	SW-846:6010B	Chromium	<	1.3			0.503	ua/I	J	U	121724	GF04090G2SW01	GELC
Sym2 D6707 WG Uf CS Meads Syn-46020 Chornum F.A. I Apr. 1 Apr. 10 Apr. 10 Apr. 10 Apr. 10 Apr. 10 Apr. 100 10 100 100 100 10 100 100 100 10	Spring 2	09/24/01	WG	F	CS		Metals	SW-846:6010B	Chromium	<	0.669			0.781	ua/I	B	Ŭ	49694	GF01091G2SW	GELC
Spirng 2 Options C P.4 I App. J U TV 7240 Constructure of Const	Spring 2	05/07/07	WG	UF	CS		Metals	SW-846:6020	Chromium		1.8			1	ua/I	J	-	185674	GU070400G2SW01	GELC
Sping 2Oracos MorUPCSMeainNV-4660100ChorunCCCNMUHeacUBMORQ28VMCELCSping 2Orac MorFCSMeainSV-4660100InonCRRNNHeacCP0500225V0CELCSping 2Orac MorKCSMeainSV-4660100InonCRRNNHeacCP0500225V0CELCSping 2Orac MorKKCSMeainSV-4660100InonCRRNNHeacLLLLLRRKLRR <td< td=""><td>Spring 2</td><td>09/18/06</td><td>WG</td><td>UF</td><td>CS</td><td></td><td>Metals</td><td>SW-846:6020</td><td>Chromium</td><td><</td><td>2.4</td><td></td><td></td><td>1</td><td>$\mu g/L$</td><td>J</td><td>U</td><td>172166</td><td>GU060900G2SW01</td><td>GELC</td></td<>	Spring 2	09/18/06	WG	UF	CS		Metals	SW-846:6020	Chromium	<	2.4			1	$\mu g/L$	J	U	172166	GU060900G2SW01	GELC
Sping 2 Off-Hole WG P G.S. Metalis Sty-4de 50:00 Hom C TO Hole	Spring 2	09/26/05	WG	UF	CS		Metals	SW-846:6010B	Chromium		2			1	$\mu g/L$	J	-	146657	GU05090G2SW01	GELC
Spring 2 00/2006 WG P C 8 Mania SW-46 0000 Perm B Perm U Hefn Difference SE U 11/24 CR0000258W01 GEL Siming 2 00/200 WG F C 8 Mania SW-466 000 Num 3 2 20.6 adt I <td>Spring 2</td> <td>09/18/06</td> <td>WG</td> <td>F</td> <td>CS</td> <td></td> <td>Metals</td> <td>SW-846:6010B</td> <td>Iron</td> <td></td> <td>27.5</td> <td></td> <td></td> <td>18</td> <td>ua/I</td> <td>J</td> <td></td> <td>172166</td> <td>GF060900G2SW01</td> <td>GELC</td>	Spring 2	09/18/06	WG	F	CS		Metals	SW-846:6010B	Iron		27.5			18	ua/I	J		172166	GF060900G2SW01	GELC
Spring 2 Opt-304 WG F CS Made Structure S	Spring 2	09/26/05	WG	F	CS		Metals	SW-846:6010B	Iron	<	18			18	$\mu \alpha / L$	U		146657	GF05090G2SW01	GELC
Spring 2 Operation WG F CS Meakin SW-44860106 mm c 3 P Que Que Que No Meakin SW-44860106 mm T2 T4 Meakin SW-44860106 Form T2 T4 T2 T2 <tht2< th=""> T2</tht2<>	Spring 2	09/13/04	WG	F	CS		Metals	SW-846:6010B	Iron		36			12.6	$\mu \alpha / L$	J		121724	GF04090G2SW01	GELC
Spring 2 Ost/World VF CS Media SW-496.80106 Ion 112 113 pdt Image: String 1 Optimized 2000000000000000000000000000000000000	Spring 2	09/24/01	WG	F	CS		Metals	SW-846:6010B	Iron	<	3			20.6	$\mu g/L$	В	U	49694	GF01091G2SW	GELC
Soring 2 99:1606 WG UF CS Metale Svi-48:0106 Inon 193 193 19 ndt 1712165 Guoge0005239V01 GEL Spring 2 0x0702 YCC F CS Metale Svi-48:0108 Margarese 7.2 2 ndt J 188:674 GEOSCOSTV01 GEL String 2 0x0705 WC F CS Metale Svi-48:60108 Margarese 7.2 2 ndt J 189:674 GEOSCOSTV01 GEL String 2 0x07605 WC F CS Metale Svi-48:60108 Margarese 8.29 2.44 indt 1 149:67 Otropoloc28V01 WC F CS Metale Svi-48:6108 Margarese 92:0 2.44 indt 1 149:67 Otropoloc28V01 FC String 2.4 VC PS 2 indt 1 149:016 Svi-48:6108 Margarese 37:1 2.4 indt 1 149	Spring 2	05/07/07	WG	UF	CS		Metals	SW-846:6010B	Iron		172			18	ua/I	-	-	185674	GU070400G2SW01	GELC
Soring 2 OSCIND WG UF CS Metals SVI-446.00108 Angueses 7.2 2 2 4.9L J 195676 WG GC SCIND 2 OSCIND 2 OSCIND 2 OSCIND 2 OSCIND 2 OSCIND 2 OSCIND 2 August 3 T77546 GTOREMOD VIG GLIC Soring 2 OSCIND VIG F CS Metals SVI-446.60108 Mangueses 5.3 2 august 3 T775466 GTOREMOD VIG FLIC Soring 2 OSCIND VIG F CS Metals SVI-446.60108 Mangueses 5.3 2 August 3 J T77748 FLIAUROVCENUM CEL Soring 2 OSCIND VIG F CS Metals SVI-446.60108 Mangueses 30.2 2 August 3 J 192674 FCOT4000258VMI CEL Soring 2 OSCIND VIG FC SVI-446.6020 Nickal 0.67 0.01 J 196674 FCOT4000258VMI CELC Soring 2 OSCIND VIG FC SVI-446.6020 Nickal 0.63 <td>Spring 2</td> <td>09/18/06</td> <td>WG</td> <td>UF</td> <td>CS</td> <td></td> <td>Metals</td> <td>SW-846:6010B</td> <td>Iron</td> <td></td> <td>163</td> <td></td> <td></td> <td>18</td> <td>ua/I</td> <td></td> <td></td> <td>172166</td> <td>GU060900G2SW01</td> <td>GELC</td>	Spring 2	09/18/06	WG	UF	CS		Metals	SW-846:6010B	Iron		163			18	ua/I			172166	GU060900G2SW01	GELC
Soring 2 0507107 WG F CS Mutuals SW-440.00108 Marganese 5.3 2 upb. J 1987/4 697/0700003289W1 6EL Spring 2 001800 WG F CS Matals SW-46.00108 Marganese 42.0 2 upb. 1 172106 FP000000289W1 6EL Spring 2 001804 WG F CS Matals SW-46.00108 Marganese 42.0 2 upb. 1 16267.0 FF FS Matals SW-46.00108 Marganese 63.5 2 upb. 1 12172.0 FF FS Matals SW-46.60108 Marganese 63.5 2 upb. 1 12172.0 FF FS Matals SW-46.60108 Marganese 63.2 2 upb. 1 12172.0 FF FS	Spring 2	09/26/05	WG	UF	CS		Metals	SW-846:6010B	Iron		1390			18	ua/I			146657	GU05090G2SW01	GELC
Soring 2 Openable WG F CS Metalls SW-4460100 Manganese 5.3 2 appl. J 172196 GF000000258/V01 GFLC Spring 2 002405 WG F CS Metalls SW-4660100 Manganese 1.78 0.280 µgl. J 117214 GF0000225W10 GELC Spring 2 001304 WG F CS Metalls SW-4660100 Manganese 3.29 2.44 µgl. 118674 GU0000025W10 GELC Spring 2 001400 VF CS Metalls SW-4660100 Manganese 3.27 2 µgl. 118674 GU00000025W10 GELC Spring 2 002405 VF CS Metalls SW-460100 Manganese 3.27 2 µgl. 118674 GU00000025W10 GELC GELC GENable 1.0 118674 GU00000025W10 GELC GELC GENable 1.0 118674 GU00000025W10 GELC GENable	Spring 2	05/07/07	WG	F	CS		Metals	SW-846:6010B	Manganese		7.2			2	$\mu \alpha / L$	J		185674	GF070400G2SW01	GELC
Spring 2 Op22005 WG F CS Metalis SW-4463010 Marganese 4.2 C 2 up1 1 14667 6F0000225W01 6E1C Spring 2 0913.04 WG F CS Metalis SW-44650108 Marganese 6.29 2.34 up1 1 17274 6F0000225W0 GE1C Spring 2 050767 WG F CS Metalis SW-4680108 Marganese 30.2 2 up1 1 172766 GLU000025W01 GE1C Spring 2 050707 WG F CS Metalis SW-4480101 Marganese 30.2 2 up1 1 146677 GLU0000025W01 GE1C Spring 2 051000 No.4 1 146667 Spring 2 054100 No.4 1 14667 GUU000025W01 GE1C Spring 2 05410 No.4 1 1 1 1 1 1 1 1 1 1 1 <td< td=""><td>Spring 2</td><td>09/18/06</td><td>WG</td><td>F</td><td>CS</td><td></td><td>Metals</td><td>SW-846:6010B</td><td>Manganese</td><td></td><td>5.3</td><td></td><td></td><td>2</td><td>$\mu g/L$</td><td>J</td><td></td><td>172166</td><td>GF060900G2SW01</td><td>GELC</td></td<>	Spring 2	09/18/06	WG	F	CS		Metals	SW-846:6010B	Manganese		5.3			2	$\mu g/L$	J		172166	GF060900G2SW01	GELC
Spring 2 Op1304 WG F CS Metals SW-4665010B Manganese 0.78 D<2040 WG F CS Metals SW-4665010B Manganese 8.73 D<2244 U/L B Metals SW-4665010B Manganese 8.8.5 2 upl. H <thh< th=""> H H</thh<>	Spring 2	09/26/05	WG	F	CS		Metals	SW-846:6010B	Manganese		42.9			2	$\mu g/L$	Ŭ		146657	GF05090G2SW01	GELC
Spring 2 Obj2/401 WG F CS Menials SW-486.0010B Manganese 8.9.9 2.94 µµL B 44884 CP10191022SW CFLC Spring 2 067707 WG UF CS Metals SW-486.0010B Manganese 39.2 2 µµL 172166 JU00000052SW01 GELC Spring 2 002700F WG F CS Metals SW-486.0010 Manganese 39.7 0.5 µµL 185674 GF000002SW01 GELC Spring 2 002700F WG F CS Metals SW-486.0000 Nickai 0.83 0.5 µµL J 185674 GF000002SW01 GELC Spring 2 001200F WG F CS Metals SW-486.0000 Nickai <	Spring 2	09/13/04	WG	F	CS		Metals	SW-846:6010B	Manganese		0.78			0.296	ua/I	J		121724	GF04090G2SW01	GELC
Spring 2 0907/07 WG UF CS Metals SW-44681008 Manganese SS. 2 npl. 1 1897/4 GU00900628W01 CELC Spring 2 0974006 WG UF CS Metals SW-44681006 Manganese 30.2 2 npl. 1 148657 GV00900628W01 GELC Spring 2 0974006 WG F CS Metals SW-44681000 Nickel 0.83 0.5 npl. 1 177166 GF00900238W01 GELC Spring 2 0974006 WG F CS Metals SW-44681000 Nickel 0.83 0.5 npl. 1 177166 GF00900238W01 GELC Spring 2 097400 WG F CS Metals SW-44681000 Nickel <	Spring 2	09/24/01	WG	F	CS		Metals	SW-846:6010B	Manganese		8.29			2.94	ua/I	B		49694	GF01091G2SW	GELC
Spring 2 OP 1906 WG UF CS Managanese 30.2 2 u.d. 1 12667 Sjunogano 2 Sjunogano2 Sjunogano2<	Spring 2	05/07/07	WG	UF	CS		Metals	SW-846:6010B	Manganese		58.5			2	ua/I	-		185674	GU070400G2SW01	GELC
Spring 2 Operations WG UF CS Metails SW-448-00210B Management Series Operations Operation	Spring 2	09/18/06	WG	UF	CS		Metals	SW-846:6010B	Manganese		30.2			2	ug/L			172166	GU060900G2SW01	GELC
Spring 2 057/07 WG F CS Metals SW-846-0020 Nickel 0.97 0.5 agt J 1199674 GF0700000229W01 GELC Spring 2 0928005 WG F CS Metals SW-846-0020 Nickel 0.5 agt U 1129674 GF070000239W01 GELC Spring 2 0928005 WG F CS Metals SW-846-0108 Nickel <	Spring 2	09/26/05	WG	UF	CS		Metals	SW-846:6010B	Manganese		327			2	ug/L			146657	GU05090G2SW01	GELC
Shring 2 Opring 2	Spring 2	05/07/07	WG	F	CS		Metals	SW-846:6020	Nickel		0.97			0.5	ug/L	J		185674	GF070400G2SW01	GELC
Spring 2 0928/06 WG F CS Metals SW-846/8020 Nickel c 0.6 indf U 144867 67603900225W01 GELC Spring 2 091304 WG F CS Metals SW-846/8010B Nickel 0.69 indf U 121724 670390025SW01 GELC Spring 2 091304 WG F CS Metals SW-846/8010B Nickel 0.69 indf U 121724 670390025SW01 GELC Spring 2 091106 WG UF CS Metals SW-846/8020 Nickel 1.1 0.5 indf J 188674 GU070900025SW01 GELC Spring 2 0911064 WG UF CS Metals SW-846/8020 Nickel 1.2 0.5 indf J 18874 GU070900025SW01 GELC Spring 2 091206 WG F CS Metals SW-846/6010B Strontium <th170< <="" td=""><td>Spring 2</td><td>09/18/06</td><td>WG</td><td>F</td><td>CS</td><td></td><td>Metals</td><td>SW-846:6020</td><td>Nickel</td><td></td><td>0.83</td><td></td><td></td><td>0.5</td><td>μg/L</td><td>J</td><td></td><td>172166</td><td>GF060900G2SW01</td><td>GFLC</td></th170<>	Spring 2	09/18/06	WG	F	CS		Metals	SW-846:6020	Nickel		0.83			0.5	μg/L	J		172166	GF060900G2SW01	GFLC
Spring 2 Op/130/4 WG F CS Metals SW-446:0108 Nickel 0.69 aut. U 121724 GF040002SW01 GELC Spring 2 06/20707 WG UF CS Metals SW-446:020 Nickel 1.1 0.5 Jud. J 128674 GU0700072SW01 GELC Spring 2 00/2005 WG UF CS Metals SW-446:020 Nickel 1 0.5 Jud. J 128674 GU0700002SW01 GELC Spring 2 00/2006 WG UF CS Metals SW-446:0108 Stortum 170 1 Jud. J 148657 GU050002SW01 GELC Spring 2 0620707 WG F CS Metals SW-446:0108 Storntum 170 1 Jud. 148657 GU050002SW01 GELC Spring 2 0620707 WG F CS Metals SW-446:0108 Storntum 173 1	Spring 2	09/26/05	WG	F	CS		Metals	SW-846:6020	Nickel	<	0.5			0.5	ug/L	Ŭ		146657	GF05090G2SW01	GELC
Spring 2 00/2401 WG F CS Metals SW-8465020 Nickel 11 0.743 igd. U 44964 GF(10)1022W GELC Spring 2 0570707 WG UF CS Metals SW-8465020 Nickel 1.1 0.5 ugl. J 1172166 GU0090062SW01 GELC Spring 2 060707 WG UF CS Metals SW-8465020 Nickel 1.2 0.5 ugl. J 118657 GE0090062SW01 GELC Spring 2 061707 WG F CS Metals SW-8466010B Strontum 120 1 ugl. 1472166 GF090002SW01 GELC Spring 2 08/1304 WG F CS Metals SW-8466010B Strontum 175 1 ugl. 1472164 GF090002SW01 GELC Spring 2 08/1304 WG F CS Metals SW-8466010B Strontum 173 1 ugl. </td <td>Spring 2</td> <td>09/13/04</td> <td>WG</td> <td>F</td> <td>CS</td> <td></td> <td>Metals</td> <td>SW-846:6010B</td> <td>Nickel</td> <td><</td> <td>0.69</td> <td></td> <td></td> <td>0.69</td> <td>μ<u>α</u>/Ι</td> <td>U</td> <td></td> <td>121724</td> <td>GF04090G2SW01</td> <td>GELC</td>	Spring 2	09/13/04	WG	F	CS		Metals	SW-846:6010B	Nickel	<	0.69			0.69	μ <u>α</u> /Ι	U		121724	GF04090G2SW01	GELC
Spring 2 OB/07/07 WG UF CS Metals SW-846.6020 Nickel 1.1 O.5 Iud. J 172766 GU00000022SW01 GELC Spring 2 09/1806 WG UF CS Metals SW-846.6020 Nickel 1 0.5 Iud. J 172166 GU0000002SW01 GELC Spring 2 050707 WG F CS Metals SW-846.6020 Nickel 1.2 0.5 Iud. J 186674 GF07040002SW01 GELC Spring 2 09/2605 WG F CS Metals SW-846.6010B Strontium 175 1 Iud. 146657 GF0509002SW01 GELC Spring 2 09/1304 WG F CS Metals SW-846.6010B Strontium 175 1 Iud. 1472166 GP0509002SW01 GELC Spring 2 09/1304 WG F CS Metals SW-846.6010B Strontium 173 1	Spring 2	09/24/01	WG	F	CS		Metals	SW-846:6010B	Nickel	<	0.743			0.743	μ <u>α</u> /Ι	U		49694	GF01091G2SW	GELC
Spring 2 09/18/06 WG UF CS Metals SW-446.6020 Nickel 1 0.5 µg/L J 11/2 0.5 µg/L J 1472166 SU00900G2SW01 GELC Spring 2 09/18/06 WG F CS Metals SW-446.6010B Strontum 170 1 µg/L 148674 GF070400G2SW01 GELC Spring 2 09/18/06 WG F CS Metals SW-446.6010B Strontum 230 1 µg/L 148674 GF070400G2SW01 GELC Spring 2 09/13/04 WG F CS Metals SW-446.6010B Strontum 189 0.178 µg/L 148674 GF04090G2SW01 GELC Spring 2 09/13/04 WG UF CS Metals SW-446.6010B Strontum 173 1 µg/L 148674 G10/07400G2SW01 GELC Spring 2 09/18/06 WG UF CS Metals SW-446.6010B S	Spring 2	05/07/07	WG	UF	CS		Metals	SW-846:6020	Nickel		1.1			0.5	μ <u>α</u> /Ι	J		185674	GU070400G2SW01	GELC
Spring 2 09/26/05 WG UF CS Metals SW-846:6010B Strontum 12 0.5 μgL J 148657 CU05000022SW01 CELC Spring 2 09/10/06 WG F CS Metals SW-846:6010B Strontum 170 1 μgL 172166 GF07040062SW01 GELC Spring 2 09/18/06 WG F CS Metals SW-846:6010B Strontum 175 1 μgL 142667 GF0040002SW01 GELC Spring 2 09/13/04 WG F CS Metals SW-846:6010B Strontum 173 1 μgL 142667 GF0409022SW01 GELC Spring 2 09/13/06 WG UF CS Metals SW-846:6010B Strontum 173 1 μgL 142667 GU0500022SW01 GELC Spring 2 09/13/06 WG UF CS Metals SW-846:6010B Strontum 184 1 µgL 14266	Spring 2	09/18/06	WG	UF	CS		Metals	SW-846:6020	Nickel		1			0.5	μ <u>α</u> /Ι	J		172166	GU060900G2SW01	GELC
Spring 2 050707 WG F CS Metals SW-8466010B Strontium 170 1 Ind/L 186674 GF70400023W01 GELC Spring 2 0912/050 WG F CS Metals SW-8466010B Strontium 230 1 Ind/L 17166 GF70400023W01 GELC Spring 2 0912/050 WG F CS Metals SW-8466010B Strontium 175 1 Ind/L 146657 GF00400022SW01 GELC Spring 2 0912/050 WG F CS Metals SW-8463010B Strontium 173 1 Ind/L 147674 GU704002SW01 GELC Spring 2 0912/050 WG UF CS Metals SW-8463010B Strontium 237 1 Ind/L 146657 GU0609002SW01 GELC Spring 2 0912/050 WG UF CS Metals SW-8463010B Strontium 237 1 Ind/L 146657	Spring 2	09/26/05	WG	UF	CS		Metals	SW-846:6020	Nickel		1.2			0.5	ug/L	J		146657	GU05090G2SW01	GELC
Spring 2 09/18/06 WG F CS Metals SW-846:6010B Strontium 1 Inft 1 1 1 1	Spring 2	05/07/07	WG	F	CS		Metals	SW-846:6010B	Strontium		170			1	ug/L	Ŭ		185674	GF070400G2SW01	GELC
Spring 2 09/26/05 WG F CS Metals Strontium 175 1 Iur 146657 GF05090G2SW01 GELC Spring 2 09/3/04 WG F CS Metals Strontium 189 0.178 µg/L 121724 GF0490022SW01 GELC Spring 2 09/13/04 WG F CS Metals Strontium 173 1 µg/L 121724 GF0490022SW01 GELC Spring 2 09/18/06 WG UF CS Metals Strontium 237 1 µg/L 124657 GU0590032SW01 GELC Spring 2 09/18/06 WG UF CS Metals Strontium 184 1 µg/L 1246567 GU0590032SW01 GELC Spring 2 09/18/06 WG F CS Metals Strontium 0.4 0.4 µg/L U 124657 GF0590032SW01 GELC Spring 2 09/18/06 WG F <td>Spring 2</td> <td>09/18/06</td> <td>WG</td> <td>F</td> <td>CS</td> <td></td> <td>Metals</td> <td>SW-846:6010B</td> <td>Strontium</td> <td></td> <td>230</td> <td></td> <td></td> <td>1</td> <td>ug/L</td> <td></td> <td></td> <td>172166</td> <td>GF060900G2SW01</td> <td>GELC</td>	Spring 2	09/18/06	WG	F	CS		Metals	SW-846:6010B	Strontium		230			1	ug/L			172166	GF060900G2SW01	GELC
Spring 2 09/13/04 WG F CS Metals SW-846:6010B Strontium 189 0.178 ing/L 12:724 GF04090G2SW01 GELC Spring 2 05/07/07 WG UF CS Metals SW-846:6010B Strontium 173 1 ing/L 185674 GU07400022SW01 GELC Spring 2 09/18/06 WG UF CS Metals SW-846:6010B Strontium 237 1 ing/L 146657 GU0590062SW01 GELC Spring 2 09/26/05 WG UF CS Metals SW-846:6010B Strontium 184 1 ing/L 146657 GU059062SW01 GELC Spring 2 09/26/05 WG F CS Metals SW-846:6020 Thallium <	Spring 2	09/26/05	WG	F	CS		Metals	SW-846:6010B	Strontium		175			1	ug/L			146657	GF05090G2SW01	GELC
Spring 2 05/07/07 WG UF CS Metals SW-846.6010B Strontium 173 1 ug/L 185674 GU0704006228W01 GELC Spring 2 09/18/06 WG UF CS Metals SW-846.6010B Strontium 237 1 ug/L 172166 GU060900228W01 GELC Spring 2 09/18/06 WG UF CS Metals SW-846.6010B Strontium 184 1 ug/L 146657 GU05090025W01 GELC Spring 2 09/18/06 WG F CS Metals SW-846.6020 Thallium 0.64 0.4 ug/L J 146657 GF05090023W01 GELC Spring 2 09/18/06 WG F CS Metals SW-846.6020 Thallium <	Spring 2	09/13/04	WG	F	CS		Metals	SW-846:6010B	Strontium		189			0.178	ug/L			121724	GF04090G2SW01	GELC
Spring 2 09/18/06 WG UF CS Metals SW-846:6010B Strontium 237 1 ug/L 172166 GU06000022SW01 GELC Spring 2 09/26/05 WG UF CS Metals SW-846:6010B Strontium 184 1 ug/L 146657 GU0509002SW01 GELC Spring 2 09/26/05 WG F CS Metals SW-846:6020 Thallium 0.64 0.4 ug/L J 112166 GF06090022SW01 GELC Spring 2 09/26/05 WG F CS Metals SW-846:6020 Thallium <	Spring 2	05/07/07	WG	UF	CS		Metals	SW-846:6010B	Strontium		173			1	ug/L			185674	GU070400G2SW01	GELC
Spring 2 Op/2005 WG UF CS Metals SW-846:6020 Thallium 1 µg/L 1 14657 GU0500228W01 GELC Spring 2 05/07/07 WG F CS Metals SW-846:6020 Thallium 0.64 0.4 µg/L J 185674 GF070400625W01 GELC Spring 2 09/18/06 WG F CS Metals SW-846:6020 Thallium 0.64 0.4 µg/L U 172166 GF060906228W01 GELC Spring 2 09/26/05 WG F CS Metals SW-846:6020 Thallium <	Spring 2	09/18/06	WG	UF	CS		Metals	SW-846:6010B	Strontium		237			1	ug/L			172166	GU060900G2SW01	GELC
Spring 2 05/07/07 WG F CS Metals SW-846:6020 Thallium 0.64 0.4 µg/L J 188674 GF070400G2SW01 GELC Spring 2 09/18/06 WG F CS Metals SW-846:6020 Thallium <	Spring 2	09/26/05	WG	UF	CS		Metals	SW-846:6010B	Strontium		184			1	ua/I			146657	GU05090G2SW01	GELC
Spring 2 09/18/06 WG F CS Metals SW-846:6020 Thallium < 0.54 0.4 µg/L J U 172166 GF06090022SW01 GELC Spring 2 09/26/05 WG F CS Metals SW-846:6020 Thallium <	Spring 2	05/07/07	WG	F	CS		Metals	SW-846:6020	Thallium		0.64			0.4	ua/I	J		185674	GF070400G2SW01	GELC
Spring 2 09/28/05 WG F CS Metals SW-846:6020 Thallium 0.4 0.4 0.4 µg/L U 146657 GF05090G2SW01 GELC Spring 2 09/13/04 WG F CS Metals SW-846:6020 Thallium <	Spring 2	09/18/06	WG	F	CS		Metals	SW-846:6020	Thallium	<	0.54			0.4	ua/I	J	U	172166	GF060900G2SW01	GELC
Spring 2 Op/13/04 WG F CS Metals SW-846:6020 Thallium 0.02 0.02 0.014 µg/L U 121724 GF04090G2SW01 GELC Spring 2 09/24/01 WG F CS Metals SW-846:6020 Thallium 0.014 0.014 µg/L U UJ 49694 GF04090G2SW01 GELC Spring 2 09/24/01 WG F CS Metals SW-846:6020 Thallium 0.4 0.4 0.4 µg/L U 172166 GU060900G2SW01 GELC Spring 2 09/26/05 WG UF CS Metals SW-846:6020 Thallium 0.4 0.4 µg/L U 142657 GU0609002SW01 GELC Spring 2 09/26/05 WG UF CS Metals SW-846:6020 Uranium 2.4 0.05 µg/L 172166 GF06090062SW01 GELC Spring 2 09/26/05 WG F CS Metals SW-846:6020 Uranium 0.64 0.05	Spring 2	09/26/05	WG	F	CS		Metals	SW-846:6020	Thallium	<	0.4			0.4	ua/I	Ŭ	-	146657	GF05090G2SW01	GELC
Spring 2 Og/24/01 WG F CS Metals SW-846:6020 Thallium Out Ug/L U U/4657 GF01091G2SW GELC Spring 2 09/24/01 WG UF CS Metals SW-846:6020 Thallium <	Spring 2	09/13/04	WG	F	CS		Metals	SW-846:6020	Thallium	<	0.02			0.02	ug/L	U		121724	GF04090G2SW01	GFLC
Spring 2 09/18/06 WG UF CS Metals SW-846:6020 Thallium 0.4 μg/L U 172166 GU060900G2SW01 GELC Spring 2 09/26/05 WG UF CS Metals SW-846:6020 Thallium <	Spring 2	09/24/01	WG	F	CS		Metals	SW-846:6020	Thallium	<	0.014			0.014	ug/L	U	U.J	49694	GF01091G2SW	GFLC
Spring 2 09/26/05 WG UF CS Metals SW-846:6020 Thallium <	Spring 2	09/18/06	WG	UF	CS		Metals	SW-846:6020	Thallium	<	0.4			0.4	ug/L	U		172166	GU060900G2SW01	GFLC
Spring 2 05/07/07 WG F CS Metals SW-846:6020 Uranium 2 0.1 μg/L 185674 GF07040062SW01 GELC Spring 2 09/18/06 WG F CS Metals SW-846:6020 Uranium 2.4 0.05 μg/L 172166 GF07040062SW01 GELC Spring 2 09/18/06 WG F CS Metals SW-846:6020 Uranium 0.64 0.05 μg/L 146657 GF0509062SW01 GELC Spring 2 09/13/04 WG F CS Metals SW-846:6020 Uranium 1.1 0.02 μg/L 121724 GF0409062SW01 GELC Spring 2 09/18/06 WG F CS Metals SW-846:6020 Uranium 1.9 0.05 μg/L 185674 GU07040062SW01 GELC Spring 2 05/07/07 WG UF CS Metals SW-846:6020 Uranium 1.9 0.05 μg/L 185674 GU07040062SW01 GELC Spring 2 09/18/06 WG UF	Spring 2	09/26/05	WG	UF	CS		Metals	SW-846:6020	Thallium	<	0.4			0.4	ug/L	U		146657	GU05090G2SW01	GFLC
Spring 2 Op/18/06 WG F CS Metals SW-846:6020 Uranium 2.4 0.05 µg/L 172166 GF060900G2SW01 GELC Spring 2 09/26/05 WG F CS Metals SW-846:6020 Uranium 0.64 0.05 µg/L 146657 GF05090G2SW01 GELC Spring 2 09/13/04 WG F CS Metals SW-846:6020 Uranium 0.64 0.05 µg/L 146657 GF05090G2SW01 GELC Spring 2 09/13/04 WG F CS Metals SW-846:6020 Uranium 1.1 0.02 µg/L 121724 GF04090G2SW01 GELC Spring 2 05/07/07 WG UF CS Metals SW-846:6020 Uranium 1.9 0.05 µg/L 185674 GU070400G2SW01 GELC Spring 2 09/18/06 WG UF CS Metals SW-846:6020 Uranium 2.5 0.05 µg/L 172166	Spring 2	05/07/07	WG	F	CS		Metals	SW-846:6020	Uranium		2			0.05	ug/L	Ŭ		185674	GF070400G2SW01	GFLC
Spring 2 09/26/05 WG F CS Metals SW-846:6020 Uranium 0.64 0.05 μg/L 146657 GF05090G2SW01 GELC Spring 2 09/13/04 WG F CS Metals SW-846:6020 Uranium 1.1 0.02 μg/L 12166 GF05090G2SW01 GELC Spring 2 09/13/04 WG F CS Metals SW-846:6020 Uranium 1.1 0.02 μg/L 121724 GF04090G2SW01 GELC Spring 2 05/07/07 WG UF CS Metals SW-846:6020 Uranium 1.9 0.05 μg/L 185674 GU070400G2SW01 GELC Spring 2 09/18/06 WG UF CS Metals SW-846:6020 Uranium 2.5 0.05 μg/L 172166 GU060900G2SW01 GELC Spring 2 09/26/05 WG UF CS Metals SW-846:6020 Uranium 0.97 0.05 μg/L 146657	Spring 2	09/18/06	WG	F	CS		Metals	SW-846:6020	Uranium		2.4			0.05	ua/l			172166	GF060900G2SW01	GELC
Spring 2 09/13/04 WG F CS Metals SW-846:6020 Uranium 1.1 0.02 μg/L 121724 GF04090G2SW01 GELC Spring 2 05/07/07 WG UF CS Metals SW-846:6020 Uranium 1.1 0.02 μg/L 121724 GF04090G2SW01 GELC Spring 2 05/07/07 WG UF CS Metals SW-846:6020 Uranium 1.9 0.05 μg/L 185674 GU070400G2SW01 GELC Spring 2 09/18/06 WG UF CS Metals SW-846:6020 Uranium 2.5 0.05 μg/L 172166 GU060900G2SW01 GELC Spring 2 09/26/05 WG UF CS Metals SW-846:6020 Uranium 0.97 0.05 μg/L 146657 GU05090G2SW01 GELC Spring 2 05/07/07 WG F CS Metals SW-846:6010B Vanadium 15.1 1 μg/L 146657	Spring 2	09/26/05	WG	F	CS		Metals	SW-846:6020	Uranium		0.64			0.05	ua/l			146657	GF05090G2SW01	GELC
Spring 205/07/07WGUFCSMetalsSW-846:6020Uranium1.90.05 $\mu g/L$ 185674GU070400G2SW01GELCSpring 209/18/06WGUFCSMetalsSW-846:6020Uranium2.50.05 $\mu g/L$ 172166GU060900G2SW01GELCSpring 209/26/05WGUFCSMetalsSW-846:6020Uranium0.970.05 $\mu g/L$ 146657GU05090G2SW01GELCSpring 209/26/05WGUFCSMetalsSW-846:6020Uranium0.970.05 $\mu g/L$ 146657GU05090G2SW01GELCSpring 205/07/07WGFCSMetalsSW-846:6010BVanadium15.11 $\mu a/L$ 185674GF070400G2SW01GELC	Spring 2	09/13/04	WG	F	cs		Metals	SW-846:6020	Uranium		1.1	1		0.02	ug/L			121724	GF04090G2SW01	GELC
Spring 209/18/06WGUFCSMetalsSW-846:6020Uranium2.50.05 $\mu g/L$ 172166GU060900G2SW01GELCSpring 209/26/05WGUFCSMetalsSW-846:6020Uranium0.970.05 $\mu g/L$ 146657GU05090G2SW01GELCSpring 205/07/07WGFCSMetalsSW-846:6010BVanadium15.11 $\mu a/L$ 185674GF070400G2SW01GELC	Spring 2	05/07/07	WG	UF	cs		Metals	SW-846:6020	Uranium		1.9	1		0.05	ug/L			185674	GU070400G2SW01	GELC
Spring 209/26/05WGUFCSMetalsSW-846:6020Uranium0.970.05 $\mu g/L$ 146657GU05090G2SW01GELCSpring 205/07/07WGFCSMetalsSW-846:6010BVanadium15.11 $\mu a/L$ 185674GF070400G2SW01GELC	Spring 2	09/18/06	WG	UF	cs		Metals	SW-846:6020	Uranium		2.5	1		0.05	ug/L			172166	GU060900G2SW01	GELC
Spring 2 05/07/07 WG F CS Metals SW-846:6010B Vanadium 15.1 1 ug/L 185674 GF070400G2SW01 GELC	Spring 2	09/26/05	WG	UF	cs		Metals	SW-846:6020	Uranium		0.97	1		0.05	ug/L	1		146657	GU05090G2SW01	GELC
	Spring 2	05/07/07	WG	F	CS	1	Metals	SW-846:6010B	Vanadium		15.1			1	ug/L			185674	GF070400G2SW01	GELC

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Location	Date	Field Matrix	Field	Lab Sample	Field QC	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDI	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 2	09/18/06	WG	F	CS	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Metals	SW-846:6010B	Vanadium	- Cynnoel	20.7	i eigina ii e		1	un/l	- uu	quu.	172166	GE060900G2SW01	GELC
Spring 2	09/26/05	WG	F	CS		Metals	SW-846:6010B	Vanadium		3.1			1	ug/L	J		146657	GF05090G2SW01	GELC
Spring 2	09/13/04	WG	F	CS		Metals	SW-846:6010B	Vanadium		16.9			0.606	µg/∟ µg/l	Ŭ		121724	GF04090G2SW01	GFLC
Spring 2	09/24/01	WG	F	CS		Metals	SW-846:6010B	Vanadium		22.2			1.09	µg/∟ µg/l			49694	GF01091G2SW	GELC
Spring 2	05/07/07	WG	UF	CS		Metals	SW-846:6010B	Vanadium		16.7			1.00	µg/∟ ug/l			185674	GU070400G2SW01	GELC
Spring 2	09/18/06	WG	UF	CS		Metals	SW-846:6010B	Vanadium		20.7			1	µg/∟ ug/l			172166	GU060900G2SW01	GELC
Spring 2	09/26/05	WG		CS		Metals	SW-846:6010B	Vanadium	-	9.1			1	µg/∟ ug/l			146657	GU05090G2SW01	GELC
Spring 2	05/07/07	WG		CS		VOA	SW-846:8260B	Butanone[2-]	-	2 32			1 25	µg/∟ ug/l	1		185674	GU070400G2SW01	GELC
Spring 2	09/18/06	WG	UF	CS		VOA	SW-846:8260B	Butanone[2-]	<	5			1.20	µg/∟ ug/l	U U		172166	GU060900G2SW01	GELC
Spring 2	09/26/05	WG	UF	CS		VOA	SW-846:8260B	Butanone[2-]		5			1.20	µg/∟ ug/l	U U		146657	GU05090G2SW02	GELC
Spring 2	09/13/04	WG				VOA	SW-846:8260B	Butanone[2-]		5				µg/∟ ug/l	11		121576	GU04090G2SW02	GELC
Spring 2	09/24/01	WG				VOA	SW-846:8260B	Butanone[2-]		5				µg/∟ ug/l	11		121070	GU01091G2SW	GELC
Spring 3	04/30/07	WG	F			Geninora	EPA:310.1	Alkalinity-CO-+HCO-	<u> </u>	84.5			0 725	µg/∟ ma/l	0		185264	GE070400G3SW01	GELC
	04/30/01	100		00		Octimory	ET A.310.1			04.0			0.725	mg/∟	-		100204	010704000000001	
Spring 3	09/18/06	WG	F	CS		Geninorg	EPA:310.1	Alkalinity-CO ₃ +HCO ₃		84.4			0.725	mg/∟			172500	GF060900G3SW01	GELC
Spring 3	09/26/05	WG	F	CS		Geninorg	EPA:310.1	Alkalinity-CO ₃ +HCO ₃		76.2			1.45	mg/L			146887	GF05090G3SW01	GELC
Spring 3	09/13/04	WG	F	CS		Geninorg	EPA:310.1	Alkalinity-CO ₃ +HCO ₃		83.9			1.45	mg/L			121724	GF04090G3SW01	GELC
Spring 3	10/06/03	WG	F	CS		Geninora	EPA:310.1	Alkalinity-CO ₂ +HCO ₂		84 1			1 45	ma/l			89802	GE03080G3SW01	GELC
Spring 2	00/18/06	WC		00		Coninorg	EDA:210.1			01.1			0.705	mg/⊑			172500		
Spring 3	09/18/06	WG	UF	63		Geninorg	EPA:310.1			85			0.725	mg/∟			172500	G0060900G357701	GELC
Spring 3	04/30/07	WG	F	CS		Geninorg	EPA:300.0	Bromide		0.089			0.066	mg/L	J		185264	GF070400G3SW01	GELC
Spring 3	09/18/06	WG	F	CS		Geninorg	EPA:300.0	Bromide	<	0.066			0.066	mg/L	U		172500	GF060900G3SW01	GELC
Spring 3	09/26/05	WG	F	CS		Geninorg	EPA:300.0	Bromide		0.066			0.041	mg/L	J		146887	GF05090G3SW01	GELC
Spring 3	09/18/06	WG	UF	CS		Geninorg	EPA:300.0	Bromide	<	0.066			0.066	mg/L	U		172500	GU060900G3SW01	GELC
Spring 3	04/30/07	WG	F	CS		Geninorg	SW-846:6010B	Calcium		22			0.036	mg/L			185264	GF070400G3SW01	GELC
Spring 3	09/18/06	WG	F	CS		Geninorg	SW-846:6010B	Calcium		22.4			0.036	mg/L			172500	GF060900G3SW01	GELC
Spring 3	09/26/05	WG	F	CS		Geninorg	SW-846:6010B	Calcium		22.4			0.036	mg/L			146887	GF05090G3SW01	GELC
Spring 3	09/13/04	WG	F	CS		Geninorg	SW-846:6010B	Calcium		21.1			0.00554	mg/L			121724	GF04090G3SW01	GELC
Spring 3	10/06/03	WG	F	CS		Geninorg	SW-846:6010B	Calcium		22.8			0.00554	mg/L			89802	GF03080G3SW01	GELC
Spring 3	10/06/03	WG	F	DUP		Geninorg	SW-846:6010B	Calcium		22.8			0.00554	mg/L			89802	GF03080G3SW01	GELC
Spring 3	04/30/07	WG	UF	CS		Geninorg	SW-846:6010B	Calcium		23.5			0.036	mg/L			185264	GU070400G3SW01	GELC
Spring 3	09/18/06	WG	UF	CS		Geninorg	SW-846:6010B	Calcium		22.5			0.036	mg/L			172500	GU060900G3SW01	GELC
Spring 3	09/26/05	WG	UF	CS		Geninorg	SW-846:6010B	Calcium		22.7			0.036	mg/L			146887	GU05090G3SW01	GELC
Spring 3	04/30/07	WG	F	CS		Geninorg	EPA:300.0	Chloride		4.85			0.066	mg/L			185264	GF070400G3SW01	GELC
Spring 3	09/18/06	WG	F	CS		Geninorg	EPA:300.0	Chloride		5.04			0.066	mg/L			172500	GF060900G3SW01	GELC
Spring 3	09/26/05	WG	F	CS		Geninorg	EPA:300.0	Chloride		5.03			0.053	mg/L			146887	GF05090G3SW01	GELC
Spring 3	09/13/04	WG	F	CS		Geninorg	EPA:300.0	Chloride		5			0.0322	mg/L			121724	GF04090G3SW01	GELC
Spring 3	10/06/03	WG	F	CS		Geninorg	EPA:300.0	Chloride		5.32			0.0322	mg/L			89802	GF03080G3SW01	GELC
Spring 3	09/18/06	WG	UF	CS		Geninorg	EPA:300.0	Chloride		5.05			0.066	mg/L			172500	GU060900G3SW01	GELC
Spring 3	04/30/07	WG	F	CS		Geninorg	EPA:300.0	Fluoride		0.419			0.033	mg/L			185264	GF070400G3SW01	GELC
Spring 3	09/18/06	WG	F	CS		Geninorg	EPA:300.0	Fluoride	<	0.449			0.033	mg/L		U	172500	GF060900G3SW01	GELC
Spring 3	09/26/05	WG	F	CS		Geninorg	EPA:300.0	Fluoride		0.453			0.03	mg/L			146887	GF05090G3SW01	GELC
Spring 3	09/13/04	WG	F	CS		Geninorg	EPA:300.0	Fluoride		0.449			0.0553	mg/L			121724	GF04090G3SW01	GELC
Spring 3	10/06/03	WG	F	CS		Geninorg	EPA:300.0	Fluoride		0.35			0.0553	mg/L			89802	GF03080G3SW01	GELC
Spring 3	09/18/06	WG	UF	CS		Geninorg	EPA:300.0	Fluoride	<	0.447			0.033	mg/L		U	172500	GU060900G3SW01	GELC
Spring 3	04/30/07	WG	F	CS		Geninorg	SM:A2340B	Hardness		62.8			0.44	mg/L			185264	GF070400G3SW01	GELC
Spring 3	09/18/06	WG	F	CS		Geninorg	SM:A2340B	Hardness		64			0.085	mg/L			172500	GF060900G3SW01	GELC
Spring 3	09/26/05	WG	F	CS		Geninorg	SM:A2340B	Hardness		64			0.085	mg/L			146887	GF05090G3SW01	GELC
Spring 3	09/13/04	WG	F	CS		Geninorg	EPA:200.7	Hardness		60.5			0.00554	mg/L			121724	GF04090G3SW01	GELC
Spring 3	10/06/03	WG	F	CS	1	Geninorg	EPA:200.7	Hardness		64.6			0.04	mg/L			89802	GF03080G3SW01	GELC
Spring 3	04/30/07	WG	UF	CS		Geninorg	SM:A2340B	Hardness		67.1			0.44	mg/L	1		185264	GU070400G3SW01	GELC

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Location	Date	Field Matrix	Field	Lab Sample	Field QC	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	ΜΠΔ	мы	Unite	Lab	2nd Qual	Request	Sample	Lab
Spring 3	09/18/06	WG		CS	Турс	Geninora	SM·A2340B	Hardness	Gymbol	64 1		MIDA	0.085	ma/l	Quui	Quai	172500	GU060900G3SW01	GELC
Spring 3	09/26/05	WG		CS		Geninorg	SM:A2340B	Hardness		65.6			0.005	mg/L			1/6887	GU05090G3SW01	GELC
Spring 3	03/20/03	WG		<u>CS</u>		Geninorg	SWI-846-6010B	Magnesium		1 80			0.005	mg/L			185264	GE070400G3SW01	
Spring 3	04/30/07	WG		CS		Geninorg	SW-846:6010B	Magnesium		1.09			0.005	mg/L			172500	GE060000G3SW01	
Spring 3	09/16/06	WG		CS		Geninorg	SW-846:6010B	Magnesium		1.92			0.005	mg/L			1/2000	GE05000G3SW01	
Spring 3	09/20/03	WG	F	<u>CS</u>		Geninorg	SW-040.0010B	Magnesium		1.95			0.00518	mg/L			121724	GF04000G3SW01	
Spring 3	10/06/03	WG		CS		Geninorg	SW-846:6010B	Magnesium		1.07			0.00518	mg/L			121724 80802	GE03080G3SW01	
Spring 2	10/06/03	WC				Geninorg	SW-040.0010B	Magnesium		1.90			0.00510	mg/L mg/l			09002	GF03060G33W01	
Spring 2	10/00/03	WC				Geninorg	SW-040.0010B	Magnesium		1.90			0.00516	mg/L mg/l			195064		
Spring 3	04/30/07	WG		CS		Geninorg	SW-040.0010B	Magnesium		2.03			0.005	mg/∟			100204	GU070400G33W01	
Spring 3	09/16/06	WG				Geninorg	SW-646.6010B	Magnesium		1.91			0.005	mg/∟			1/2000	GU060900G350001	
Spring 3	09/20/05	WG				Geninorg	500-040.0010D	Nitrote Nitrite ee N		2.10			0.065	mg/∟			140007	G005090G35W01	
Spring 3	04/30/07	WG				Geninorg	EPA:353.2	Nitrate-Nitrite as N		1.84			0.05	mg/L			185264	GF070400G3SW01	
Spring 3	09/18/06	WG				Geninorg	EPA:353.1	Nitrate-Nitrite as N		1.18			0.014	mg/L			172500	GF060900G3SW01	GELC
Spring 3	09/26/05	WG				Geninorg	EPA:353.1	Nitrate-Nitrite as N		1.22			0.017	mg/L		1.	146887	GF05090G3SW01	GELC
Spring 3	09/13/04	WG				Geninorg	EPA:353.1	Nitrate-Nitrite as N		1.35			0.003	mg/L		J+	121724	GF04090G3SW01	GELC
Spring 3	10/06/03	WG		CS		Geninorg	EPA:353.1	Nitrate-Nitrite as N		1.34			0.01	mg/L			89802	GF03080G3SW01	GELC
Spring 3	09/18/06	WG		CS		Geninorg	EPA:353.1	Nitrate-Nitrite as N		1.27			0.014	mg/L			172500	GU060900G3SW01	GELC
Spring 3	04/30/07	WG		CS		Geninorg	SW-846:6850	Perchlorate		0.458			0.05	μg/L			185264	GF070400G3SW01	GELC
Spring 3	09/18/06	WG	F	CS		Geninorg	EPA:314.0	Perchlorate	<	4			4	μg/L	U		172500	GF060900G3SW01	GELC
Spring 3	09/18/06	WG	F	CS		Geninorg	SW846 6850	Perchlorate		0.394			0.05	μg/L			172500	GF060900G3SW01	GELC
Spring 3	09/26/05	WG	F	CS		Geninorg	SW846 6850	Perchlorate		0.419			0.05	μg/L			146887	GF05090G3SW01	GELC
Spring 3	09/26/05	WG	F	CS		Geninorg	EPA:314.0	Perchlorate	<	4			4	μg/L	U		146887	GF05090G3SW01	GELC
Spring 3	09/13/04	WG	UF	CS		Geninorg	SW846 6850	Perchlorate		0.455			0.05	μg/L			121725	GU04090G3SW01	GELC
Spring 3	09/13/04	WG	UF	CS		Geninorg	EPA:314.0	Perchlorate	<	4			4	μg/L	U		121725	GU04090G3SW01	GELC
Spring 3	03/08/04	WG	UF	CS		Geninorg	EPA:314.0	Perchlorate	<	4			4	μ g/L	U		108595	GU04030G3SW01	GELC
Spring 3	03/08/04	WG	UF	CS		Geninorg	SW846 6850	Perchlorate		0.424				μ g/L			108595	GU04030G3SW01	GELC
Spring 3	04/30/07	WG	F	CS		Geninorg	SW-846:6010B	Potassium		2.94			0.05	mg/L			185264	GF070400G3SW01	GELC
Spring 3	09/18/06	WG	F	CS		Geninorg	SW-846:6010B	Potassium		3.19			0.05	mg/L			172500	GF060900G3SW01	GELC
Spring 3	09/26/05	WG	F	CS		Geninorg	SW-846:6010B	Potassium		2.84			0.05	mg/L			146887	GF05090G3SW01	GELC
Spring 3	09/13/04	WG	F	CS		Geninorg	SW-846:6010B	Potassium		2.71			0.0165	mg/L			121724	GF04090G3SW01	GELC
Spring 3	10/06/03	WG	F	CS		Geninorg	SW-846:6010B	Potassium		3.09			0.0165	mg/L			89802	GF03080G3SW01	GELC
Spring 3	10/06/03	WG	F	DUP		Geninorg	SW-846:6010B	Potassium		3.19			0.0165	mg/L			89802	GF03080G3SW01	GELC
Spring 3	04/30/07	WG	UF	CS		Geninorg	SW-846:6010B	Potassium		3.19			0.05	mg/L			185264	GU070400G3SW01	GELC
Spring 3	09/18/06	WG	UF	CS		Geninorg	SW-846:6010B	Potassium		2.92			0.05	mg/L			172500	GU060900G3SW01	GELC
Spring 3	09/26/05	WG	UF	CS		Geninorg	SW-846:6010B	Potassium		3.1			0.05	mg/L			146887	GU05090G3SW01	GELC
Spring 3	04/30/07	WG	F	CS		Geninorg	SW-846:6010B	Silicon Dioxide		47			0.032	mg/L			185264	GF070400G3SW01	GELC
Spring 3	09/18/06	WG	F	CS		Geninorg	SW-846:6010B	Silicon Dioxide		41.8			0.032	mg/L	E	J	172500	GF060900G3SW01	GELC
Spring 3	09/26/05	WG	F	CS		Geninorg	SW-846:6010B	Silicon Dioxide		51.1			0.032	mg/L			146887	GF05090G3SW01	GELC
Spring 3	09/13/04	WG	F	CS		Geninorg	SW-846:6010B	Silicon Dioxide		45.3			0.0212	mg/L			121724	GF04090G3SW01	GELC
Spring 3	10/06/03	WG	F	CS		Geninora	SW-846:6010B	Silicon Dioxide		48.9			0.0212	ma/L			89802	GF03080G3SW01	GELC
Spring 3	10/06/03	WG	F	DUP		Geninora	SW-846:6010B	Silicon Dioxide		49.2			0.0212	ma/L			89802	GF03080G3SW01	GELC
Spring 3	09/18/06	WG	UF	CS		Geninora	SW-846:6010B	Silicon Dioxide		47.7			0.032	ma/L	E	J	172500	GU060900G3SW01	GELC
Spring 3	09/26/05	WG	UF	CS		Geninora	SW-846:6010B	Silicon Dioxide		57.4			0.032	ma/L	1	Ť	146887	GU05090G3SW01	GELC
Spring 3	04/30/07	WG	F	CS		Geninora	SW-846:6010B	Sodium		16			0.045	ma/l			185264	GE070400G3SW01	GELC
Spring 3	09/18/06	WG	F	CS		Geninorg	SW-846:6010B	Sodium		12.9			0.045	ma/l	F		172500	GE060900G3SW01	GELC
Spring 3	09/26/05	WG	F	CS	1	Geninorg	SW-846:6010B	Sodium		17.1			0.045	ma/l	<u> </u>	ľ	146887	GE05090G3SW01	GELC
Spring 3	09/13/04	WG	İ _F	CS	1	Geninorg	SW-846:6010B	Sodium		14.8			0.0144	ma/l		1	121724	GE04090G3SW/01	GELC
Spring 3	10/06/03	WG	l'E	CS		Geninorg	SW-846:6010B	Sodium	1	17.3			0.0144	ma/l			89802	GF03080G3SW01	GELO
Spring 3	10/06/03	WG	F			Geninorg	SW-8/6.6010B	Sodium		17.3			0.0144	ma/l			89802	GE03080G3SW01	
Spring 3	04/30/07	WC				Geninorg	SW-846.6010B	Sodium		17.0			0.0144	ma/L			185264	GLI070400C3SW01	GELC
Spring 3	00/12/06	WG		<u> </u>	+	Geninorg	SW-040.0010B	Sodium		15.0			0.045	ma/L	E	1.	172500	GU060000229M01	
oping a	00/01/00	VVG		00	1	Germinoly	3VV-040.0010D	ooulum	1	10.9	1		0.040	nng/L		J	172000	000000000000000000000000000000000000000	JOELO

		Field	Field	Lab Sample	Field QC	;									Lab	2nd			
Location	Date	Matrix	Prep	Tvpe	Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Qual	Qual	Request	Sample	Lab
Spring 3	09/26/05	WG	UF	CS		Geninorg	SW-846:6010B	Sodium	Í	16.7	Ŭ		0.045	mg/L			146887	GU05090G3SW01	GELC
Spring 3	04/30/07	WG	F	CS		Geninorg	EPA:120.1	Specific Conductance		214			1	uS/cm			185264	GF070400G3SW01	GELC
Spring 3	09/18/06	WG	F	CS		Geninorg	EPA:120.1	Specific Conductance		218			1	uS/cm			172500	GF060900G3SW01	GELC
Spring 3	09/26/05	WG	F	CS		Geninorg	EPA:120.1	Specific Conductance		192			1	uS/cm			146887	GF05090G3SW01	GELC
Spring 3	09/18/06	WG	UF	CS		Geninorg	EPA:120.1	Specific Conductance		216			1	uS/cm			172500	GU060900G3SW01	GELC
Spring 3	04/30/07	WG	F	CS		Geninorg	EPA:300.0	Sulfate		5.99			0.1	mg/L			185264	GF070400G3SW01	GELC
Spring 3	09/18/06	WG	F	CS		Geninorg	EPA:300.0	Sulfate		5.93			0.1	mg/L			172500	GF060900G3SW01	GELC
Spring 3	09/26/05	WG	F	CS		Geninorg	EPA:300.0	Sulfate		6.14			0.057	mg/L			146887	GF05090G3SW01	GELC
Spring 3	09/13/04	WG	F	CS		Geninorg	EPA:300.0	Sulfate		5.85			0.193	mg/L			121724	GF04090G3SW01	GELC
Spring 3	10/06/03	WG	F	CS		Geninorg	EPA:300.0	Sulfate		6.07			0.193	mg/L			89802	GF03080G3SW01	GELC
Spring 3	09/18/06	WG	UF	CS		Geninorg	EPA:300.0	Sulfate		5.95			0.1	ma/L			172500	GU060900G3SW01	GELC
Spring 3	04/30/07	WG	F	CS		Geninorg	EPA:160.1	Total Dissolved Solids		159			2.38	ma/L			185264	GF070400G3SW01	GELC
Spring 3	09/18/06	WG	F	CS		Geninorg	EPA:160.1	Total Dissolved Solids		149			2.38	ma/L			172500	GF060900G3SW01	GELC
Spring 3	09/18/06	WG	F	CS		Geninorg	EPA:160.1	Total Dissolved Solids		153			2.38	mg/L			172500	GU060900G3SW01	GELC
Spring 3	09/26/05	WG	F	CS		Geninorg	EPA:160.1	Total Dissolved Solids		163			2.38	ma/L			146887	GF05090G3SW01	GELC
Spring 3	09/13/04	WG	F	CS		Geninorg	EPA:160.1	Total Dissolved Solids		144			3.07	ma/L			121724	GF04090G3SW01	GELC
Spring 3	10/06/03	WG	F	CS		Geninorg	EPA:160.1	Total Dissolved Solids		148			3.07	ma/L	н	J	89802	GF03080G3SW01	GELC
Spring 3	04/30/07	WG	UF	CS		Geninorg	SW-846:9060	Total Organic Carbon		0.217			0.33	ma/L			185264	GU070400G3SW01	GELC
Spring 3	09/18/06	WG	UF	CS		Geninorg	SW-846:9060	Total Organic Carbon		0.79			0.33	ma/L	J		172334	GU060900G3SW02	GELC
Spring 3	04/30/07	WG	F	CS		Geninorg	EPA:365.4	Total Phosphate as Phosphorus		0.046			0.024	ma/L	J	JN-	185264	GF070400G3SW01	GELC
Spring 3	09/18/06	WG	F	CS		Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.026			0.01	ma/L	J	J U	172500	GF060900G3SW01	GELC
Spring 3	09/26/05	WG	F	CS		Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.078			0.01	ma/L		U	146887	GF05090G3SW01	GELC
Spring 3	09/13/04	WG	F	CS		Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.011			0.011	ma/L	U		121724	GF04090G3SW01	GELC
Spring 3	10/06/03	WG	F	CS		Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.011			0.011	ma/L	Ū		89802	GF03080G3SW01	GELC
Spring 3	09/18/06	WG	UF	CS		Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.01			0.01	ma/L	Ū	UJ. R	172500	GU060900G3SW01	GELC
Spring 3	04/30/07	WG	F	CS		Geninorg	EPA:150.1	На		7.78			0.01	SŬ	H	J	185264	GF070400G3SW01	GELC
Spring 3	09/18/06	WG	F	CS		Geninorg	EPA:150.1	Hq		8.13			0.01	SU	н	J	172500	GF060900G3SW01	GELC
Spring 3	09/26/05	WG	F	CS		Geninorg	EPA:150.1	Hq		7.1			0.01	SU	н	J	146887	GF05090G3SW01	GELC
Spring 3	09/18/06	WG	UF	CS		Geninorg	EPA:150.1	Hq		8.17			0.01	SU	н	J	172500	GU060900G3SW01	GELC
Spring 3	04/30/07	WG	F	CS		Metals	SW-846:6010B	Barium		45			1	ua/L			185264	GF070400G3SW01	GELC
Spring 3	09/18/06	WG	F	CS		Metals	SW-846:6010B	Barium		45			1	ua/L			172500	GF060900G3SW01	GELC
Spring 3	09/26/05	WG	F	CS		Metals	SW-846:6010B	Barium		44.3			1	ua/L			146887	GF05090G3SW01	GELC
Spring 3	09/13/04	WG	F	CS		Metals	SW-846:6010B	Barium		40.8			0.222	ua/L			121724	GF04090G3SW01	GELC
Spring 3	10/06/03	WG	F	CS		Metals	SW-846:6010B	Barium		42.1			0.222	ua/L			89802	GF03080G3SW01	GELC
Spring 3	10/06/03	WG	F	DUP		Metals	SW-846:6010B	Barium		42.5			0.222	ua/L			89802	GF03080G3SW01	GELC
Spring 3	04/30/07	WG	UF	CS		Metals	SW-846:6010B	Barium		48			1	ua/L			185264	GU070400G3SW01	GELC
Spring 3	09/18/06	WG	UF	CS		Metals	SW-846:6010B	Barium		43.7			1	ua/L			172500	GU060900G3SW01	GELC
Spring 3	09/26/05	WG	UF	CS		Metals	SW-846:6010B	Barium		55.9			1	ua/L			146887	GU05090G3SW01	GELC
Spring 3	04/30/07	WG	F	CS		Metals	SW-846:6010B	Boron		21			10	ua/L	J		185264	GF070400G3SW01	GELC
Spring 3	09/18/06	WG	F	CS		Metals	SW-846:6010B	Boron	<	10			10	ua/L	U	UJ	172500	GF060900G3SW01	GELC
Spring 3	09/26/05	WG	F	CS		Metals	SW-846:6010B	Boron		21.6			10	ua/L	J		146887	GF05090G3SW01	GELC
Spring 3	09/13/04	WG	F	CS		Metals	SW-846:6010B	Boron	<	26.2			4.88	ua/L	J	U	121724	GF04090G3SW01	GELC
Spring 3	10/06/03	WG	F	CS		Metals	SW-846:6010B	Boron	<	20.1			4.88	ua/L	В	Ŭ	89802	GF03080G3SW01	GELC
Spring 3	10/06/03	WG	F	DUP		Metals	SW-846:6010B	Boron		23.4			4.88	ua/L	В		89802	GF03080G3SW01	GELC
Spring 3	04/30/07	WG	UF	CS	1	Metals	SW-846:6010B	Boron	1	23.5	1		10	μα/L	J	1	185264	GU070400G3SW01	GELC
Spring 3	09/18/06	WG	UF	CS	1	Metals	SW-846:6010B	Boron	<	10	1		10	ug/l	U	UJ	172500	GU060900G3SW01	GELC
Spring 3	09/26/05	WG	UF	CS	1	Metals	SW-846:6010B	Boron	1	21.7	1		10	ug/l	J	1	146887	GU05090G3SW01	GELC
Spring 3	04/30/07	WG	F	CS	1	Metals	SW-846:6010B	Molybdenum	1	2.2	1		2	ug/L	J	1	185264	GF070400G3SW01	GELC
Spring 3	09/18/06	WG	F	CS	1	Metals	SW-846:6010B	Molybdenum	<	2	1		2	ug/L	U	1	172500	GF060900G3SW01	GELC
Spring 3	09/26/05	WG	F	CS	1	Metals	SW-846:6010B	Molybdenum	<	2	1		2	ug/L	U	1	146887	GF05090G3SW01	GELC
Spring 3	09/13/04	WG	F	CS		Metals	SW-846:6010B	Molybdenum		2.5			1.43	ua/L	J		121724	GF04090G3SW01	GELC

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Location	Date	Field Matrix	Field	Lab Sample	Field QC	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	МПА	МП	Units	Lab	2nd Qual	Request	Sample	Lah
Spring 3	10/06/03	WG	F	CS	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Metals	SW-846:6010B	Molybdenum	<	1 43			1 43			quui	89802	GE03080G3SW01	GELC
Spring 3	10/06/03	WG	F	DUP		Metals	SW-846:6010B	Molybdenum		1.43			1.43	μg/L μα/l	ы П		89802	GE03080G3SW01	GELC
Spring 3	04/30/07	WG		CS		Metals	SW-846:6010B	Molybdenum	Ì	27			2	μg/L μα/l	U U		185264	GU070400G3SW01	GELC
Spring 3	09/18/06	WG		CS		Metals	SW-846:6010B	Molybdenum	/	2.7			2	µg/∟ ug/l			172500	GU060900G3SW01	GELC
Spring 3	09/10/00	WG		CS		Metals	SW-846:6010B	Molybdenum		2			2	μg/∟ α/l			1/6887	GU000300G3SW01	GELC
Spring 3	04/30/07	WG	F	CS		Metals	SW-846:6010B	Strontium	<u>`</u>	231			1	µg/∟ ug/l			185264	GE070400G3SW01	GELC
Spring 3	09/18/06	WG	F	CS		Metals	SW-846:6010B	Strontium		226			1	µg/∟ ug/l			172500	GE060900G3SW01	GELC
Spring 3	09/26/05	WG	F	CS		Metals	SW-846:6010B	Strontium		240			1	µg/∟ ug/l			1/6887	GE05090G3SW01	GELC
Spring 3	09/20/03	WG		CS CS		Metals	SW-846:6010B	Strontium		240			0 178	μg/∟ α/l			121724	GF04000G3SW01	
Spring 3	10/06/03	WG		CS CS		Motolo	SW-040.0010D	Strontium		224			0.170	μg/∟ α/l			121724 80802	GF03080G3SW01	
Spring 3	10/06/03	WG				Motolo	SW-040.0010D	Strontium		230			0.170	μg/∟ α/l			0900Z	GE03080G3SW01	GELC
Spring 2	10/00/03	WC				Motolo	SW-040.0010D	Strontium		237			0.170	µg/∟ α/l			195064		
Spring 2	04/30/07	WC		CS		Motolo	SW-040.0010D	Strontium		240			1	µg/∟ α/l			172500		
Spring 2	09/16/06	WC		CS		Motolo	SW-040.0010D	Strontium		231			1	µg/∟ α/l			1/2000	GU000900G33W01	
Spring 3	09/26/05	WG		CS		Metals	SW-040.0010D			243			0.05	μg/L			140007	G005090G35W01	GELC
Spring 3	04/30/07	WG				Metals	SW-846:6020	Uranium		1.9			0.05	μg/L			185264	GF070400G3SW01	GELC
Spring 3	09/18/06	WG				Metals	SW-846:6020	Uranium		2.1			0.05	μg/L			172500	GF060900G35W01	GELC
Spring 3	09/26/05	WG				Metals	SW-846:6020			2.1			0.05	μg/L			146887	GF05090G3SW01	GELC
Spring 3	09/13/04	WG				Metals	SW-846:6020			2			0.02	μg/L			121724	GF04090G3SW01	GELC
Spring 3	10/06/03	WG				Metals	SW-846:6020			2.17			0.02	μg/L			89802	GF03080G3SW01	GELC
Spring 3	04/30/07	WG				Metals	SW-846:6020	Uranium		1.9			0.05	μg/L			185264	GU070400G3SW01	GELC
Spring 3	09/18/06	WG				Metals	SW-846:6020	Uranium		2			0.05	μg/L			172500	GU060900G3SW01	GELC
Spring 3	09/26/05	WG		CS		Metals	SW-846:6020	Uranium		3.1	-		0.05	μg/L			146887	GU05090G3SW01	GELC
Spring 3	04/30/07	WG		CS		Metals	SW-846:6010B	Vanadium		14	-		1	μg/L			185264	GF070400G3SW01	GELC
Spring 3	09/18/06	WG		CS		Metals	SW-846:6010B	Vanadium		15.5	-		1	μg/L			1/2500	GF060900G3SW01	GELC
Spring 3	09/26/05	WG		CS		Metals	SW-846:6010B	Vanadium		14.3	-		1	μg/L			146887	GF05090G3SW01	GELC
Spring 3	09/13/04	WG		CS		Metals	SW-846:6010B	Vanadium		13.8	-		0.606	μg/L			121724	GF04090G3SW01	GELC
Spring 3	10/06/03	WG	F	CS		Metals	SW-846:6010B	Vanadium		15.1			0.606	μg/L			89802	GF03080G3SW01	GELC
Spring 3	10/06/03	WG	F	DUP		Metals	SW-846:6010B	Vanadium		15.6			0.606	μg/L			89802	GF03080G3SW01	GELC
Spring 3	04/30/07	WG	UF	CS		Metals	SW-846:6010B	Vanadium		15.4			1	μg/L			185264	GU070400G3SW01	GELC
Spring 3	09/18/06	WG	UF	CS		Metals	SW-846:6010B	Vanadium		14.4			1	μ g/L			172500	GU060900G3SW01	GELC
Spring 3	09/26/05	WG	UF	CS		Metals	SW-846:6010B	Vanadium		16.8			1	μg/L			146887	GU05090G3SW01	GELC
Spring 3	09/18/06	WG	F	CS		Metals	SW-846:6010B		<	8.4			2	μg/L	J	U	172500	GF060900G3SW01	GELC
Spring 3	09/26/05	WG	F	CS		Metals	SW-846:6010B		<	2			2	μg/L	U		146887	GF05090G3SW01	GELC
Spring 3	09/13/04	WG	F	CS		Metals	SW-846:6010B	Zinc		7.4			0.883	μg/L			121724	GF04090G3SW01	GELC
Spring 3	10/06/03	WG	F	CS		Metals	SW-846:6010B	Zinc	<	0.883			0.883	μg/L	U	UJ	89802	GF03080G3SW01	GELC
Spring 3	10/06/03	WG	F	DUP		Metals	SW-846:6010B	Zinc	<	0.883			0.883	μg/L	U		89802	GF03080G3SW01	GELC
Spring 3	04/30/07	WG	UF	CS		Metals	SW-846:6010B	Zinc		6.2			2	μg/L	J		185264	GU070400G3SW01	GELC
Spring 3	09/18/06	WG	UF	CS		Metals	SW-846:6010B	Zinc	<	4			2	μg/L	J	U	172500	GU060900G3SW01	GELC
Spring 3	09/26/05	WG	UF	CS		Metals	SW-846:6010B	Zinc		4.2			2	μg/L	J		146887	GU05090G3SW01	GELC
Spring 3	04/30/07	WG	UF	CS		Rad	LLEE	Tritium		1.40492	0.09579	0.28737		pCi/L			2336	UU070400G3SW01	UMTL
Spring 3	09/18/06	WG	UF	CS		Rad	LLEE	Tritium		1.30913	0.09579	0.28737		pCi/L			2273	UU060900G3SW01	UMTL
Spring 3	09/26/05	WG	UF	CS		Rad	EPA:906.0	Tritium		19.3	19.43333333	198		pCi/L	U	U	146887	GU05090G3SW01	GELC
Spring 3	09/13/04	WG	UF	CS		Rad	EPA:906.0	Tritium		-15.9	15.43333333	154		pCi/L	U	U	121725	GU04090G3SW01	GELC
Spring 3	09/13/04	WG	UF	CS		Rad	LLEE	Tritium		1.5965	0.09579		0.28737	pCi/L			1952	UU04090G3SW01	UMTL
Spring 3	09/13/04	WG	UF	DUP		Rad	LLEE	Tritium		1.82001	0.106433333		0.28737	pCi/L			1952	UU04090G3SW01	UMTL
Spring 3	10/06/03	WG	UF	CS		Rad	EPA:906.0	Tritium		33	17.66666667	172		pCi/L	U	U	89802	GU03080G3SW01	GELC
Spring 3	10/06/03	WG	UF	RE		Rad	EPA:906.0	Tritium		23	13.63333333	133		pCi/L	U	U	104174	GU03080G3SW01	GELC
Spring 3	04/30/07	WG	UF	CS		VOA	SW-846:8260B	Butanone[2-]		3.29			1.25	μg/L	J		185264	GU070400G3SW01	GELC
Spring 3	09/18/06	WG	UF	CS		VOA	SW-846:8260B	Butanone[2-]	<	5			1.25	μg/L	U		172334	GU060900G3SW02	GELC
Spring 3	09/26/05	WG	UF	CS		VOA	SW-846:8260B	Butanone[2-]	<	5				μg/L	U		146712	GU05090G3SW02	GELC
Spring 3	10/06/03	WG	UF	CS		VOA	SW-846:8260B	Butanone[2-]	<	5			1	μg/L	U		89645	GU03080G3SW01	GELC

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Location	Data	Field	Field	Lab Sample	Field QC	Suito	Mathod	Analuta	Symbol	Posult	1-sigma TPU	МПА	МП	Unite	Lab	2nd	Poquest	Sampla	Lab
Spring 3	10/06/03	WG		CS	туре		FPA:624	Butanone[2-]	Symbol	5						Quai	89650	GU03080G3SW01	GELC
Spring 3	10/09/02	WG		CS			SW-846-8260B	Butanone[2-]		5				µg/∟ ug/l	U U		68637	GU02100G3SW01	GELC
Spring 3A	04/30/07	WG	F	CS		Geninora	EPA:310 1	Alkalinity-CO ₂ +HCO ₂		80.8			0 725	ma/l	Ŭ		185264	GE070400GA3S01	GELC
Spring 2A	00/18/06	WC		00		Coninorg	EDA:210.1		_	70.0			0.725	mg/L			172500	CE060000CA2S01	
Spring SA	09/16/06	WG		03		Geninorg	EPA.310.1			79.0			0.725	mg/∟			172500	GF060900GA3301	GELC
Spring 3A	09/26/05	WG	F	CS		Geninorg	EPA:310.1	Alkalinity-CO ₃ +HCO ₃		73.2			1.45	mg/L			146887	GF05090GA3S01	GELC
Spring 3A	09/13/04	WG	F	CS		Geninorg	EPA:310.1	Alkalinity-CO ₃ +HCO ₃		75.9			1.45	mg/L			121724	GF04090GA3S01	GELC
Spring 3A	10/06/03	WG	F	CS		Geninorg	EPA:310.1	Alkalinity-CO ₃ +HCO ₃		81.3			1.45	mg/L			89802	GF03080GA3S01	GELC
Spring 3A	09/18/06	WG	UF	CS		Geninorg	EPA:310.1	Alkalinity-CO ₃ +HCO ₃		80.3			0.725	mg/L			172500	GU060900GA3S01	GELC
Spring 3A	04/30/07	WG	F	CS		Geninora	EPA:300.0	Bromide		0.081			0.066	ma/l	J		185264	GE070400GA3S01	GELC
Spring 3A	09/18/06	WG	F	CS		Geninorg	EPA:300.0	Bromide	<	0.066			0.066	mg/L	Ŭ		172500	GF060900GA3S01	GELC
Spring 3A	09/26/05	WG	F	CS		Geninora	EPA:300.0	Bromide	<	0.041			0.041	ma/L	U		146887	GF05090GA3S01	GELC
Spring 3A	09/18/06	WG	UF	CS		Geninora	EPA:300.0	Bromide	<	0.066			0.066	ma/L	Ŭ		172500	GU060900GA3S01	GELC
Spring 3A	04/30/07	WG	F	CS		Geninorg	SW-846:6010B	Calcium		21			0.036	mg/L	-		185264	GF070400GA3S01	GELC
Spring 3A	09/18/06	WG	F	CS		Geninorg	SW-846:6010B	Calcium		20.8			0.036	mg/L			172500	GF060900GA3S01	GELC
Spring 3A	09/26/05	WG	F	CS		Geninorg	SW-846:6010B	Calcium		20.2			0.036	mg/L			146887	GF05090GA3S01	GELC
Spring 3A	09/13/04	WG	F	CS		Geninorg	SW-846:6010B	Calcium		19.2			0.00554	mg/L			121724	GF04090GA3S01	GELC
Spring 3A	10/06/03	WG	F	CS		Geninorg	SW-846:6010B	Calcium		20.8			0.00554	mg/L			89802	GF03080GA3S01	GELC
Spring 3A	04/30/07	WG	UF	CS		Geninorg	SW-846:6010B	Calcium		22.4			0.036	mg/L			185264	GU070400GA3S01	GELC
Spring 3A	09/18/06	WG	UF	CS		Geninorg	SW-846:6010B	Calcium		20.4			0.036	mg/L			172500	GU060900GA3S01	GELC
Spring 3A	09/26/05	WG	UF	CS		Geninorg	SW-846:6010B	Calcium		20.7			0.036	mg/L			146887	GU05090GA3S01	GELC
Spring 3A	04/30/07	WG	F	CS		Geninorg	EPA:300.0	Chloride		3.94			0.066	mg/L			185264	GF070400GA3S01	GELC
Spring 3A	09/18/06	WG	F	CS		Geninorg	EPA:300.0	Chloride		4			0.066	mg/L			172500	GF060900GA3S01	GELC
Spring 3A	09/26/05	WG	F	CS		Geninorg	EPA:300.0	Chloride		3.95			0.053	mg/L			146887	GF05090GA3S01	GELC
Spring 3A	09/13/04	WG	F	CS		Geninorg	EPA:300.0	Chloride		3.95			0.0322	mg/L			121724	GF04090GA3S01	GELC
Spring 3A	10/06/03	WG	F	CS		Geninorg	EPA:300.0	Chloride	_	4.16			0.0322	mg/L			89802	GF03080GA3S01	GELC
Spring 3A	09/18/06	WG	UF	CS		Geninorg	EPA:300.0	Chloride		4.02			0.066	mg/L			172500	GU060900GA3S01	GELC
Spring 3A	04/30/07	WG	IF I=	CS		Geninorg	EPA:300.0	Fluoride	_	0.416			0.033	mg/L			185264	GF070400GA3S01	GELC
Spring 3A	09/18/06	WG		CS		Geninorg	EPA:300.0	Fluoride	<	0.425			0.033	mg/L		U	172500	GF060900GA3S01	GELC
Spring 3A	09/26/05	WG		CS		Geninorg	EPA:300.0	Fluoride	_	0.423			0.03	mg/L			146887	GF05090GA3S01	GELC
Spring 3A	09/13/04	WG				Geninorg	EPA:300.0	Fluoride		0.43			0.0553	mg/L			121724	GF04090GA3S01	GELC
Spring 3A	10/06/03	WG				Geninorg	EPA:300.0	Fluoride	-	0.329			0.0553	mg/L		1.1	8980Z	GF03080GA3501	GELC
Spring 3A	09/16/06	WG				Geninorg	EPA.300.0	Hardnasa	<	0.423			0.033	mg/∟		0	195264	G0060900GA3501	
Spring 3A	04/30/07	WG				Geninorg	SM:A2340B	Hardness		50.2			0.44	mg/L			172500	GF060900GA3S01	
Spring 3A	09/10/00	WG	F	<u> </u>		Geninorg	SM:A2340B	Hardness		57 /			0.005	mg/L			1/6887	GE05090GA3S01	GELC
Spring 3A	09/13/04	WG	F	CS		Geninorg	EPA:200 7	Hardness		54.9			0.00554	ma/l			121724	GF04090GA3S01	GELC
Spring 3A	10/06/03	WG	F	CS		Geninorg	EPA:200.7	Hardness		62.8			0.04	mg/L			89802	GF03080GA3S01	GELC
Spring 3A	04/30/07	WG	UF	CS		Geninora	SM:A2340B	Hardness		63.9			0.44	ma/L			185264	GU070400GA3S01	GELC
Spring 3A	09/18/06	WG	UF	CS		Geninora	SM:A2340B	Hardness		58.1			0.085	ma/L			172500	GU060900GA3S01	GELC
Spring 3A	09/26/05	WG	UF	CS		Geninora	SM:A2340B	Hardness		58.9			0.085	ma/L			146887	GU05090GA3S01	GELC
Spring 3A	04/30/07	WG	F	CS		Geninorg	SW-846:6010B	Magnesium		1.81			0.085	mg/L			185264	GF070400GA3S01	GELC
Spring 3A	09/18/06	WG	F	CS		Geninorg	SW-846:6010B	Magnesium		1.78			0.085	mg/L			172500	GF060900GA3S01	GELC
Spring 3A	09/26/05	WG	F	CS		Geninorg	SW-846:6010B	Magnesium		1.69			0.085	mg/L			146887	GF05090GA3S01	GELC
Spring 3A	09/13/04	WG	F	CS		Geninorg	SW-846:6010B	Magnesium	1	1.68			0.00518	mg/L		1	121724	GF04090GA3S01	GELC
Spring 3A	10/06/03	WG	F	CS		Geninorg	SW-846:6010B	Magnesium		1.78			0.00518	mg/L			89802	GF03080GA3S01	GELC
Spring 3A	04/30/07	WG	UF	CS		Geninorg	SW-846:6010B	Magnesium		1.94			0.085	mg/L			185264	GU070400GA3S01	GELC
Spring 3A	09/18/06	WG	UF	CS		Geninorg	SW-846:6010B	Magnesium		1.72			0.085	mg/L			172500	GU060900GA3S01	GELC
Spring 3A	09/26/05	WG	UF	CS		Geninorg	SW-846:6010B	Magnesium		1.74			0.085	mg/L			146887	GU05090GA3S01	GELC
Spring 3A	04/30/07	WG	F	CS		Geninorg	EPA:353.2	Nitrate-Nitrite as N		1.56			0.05	mg/L	1		185264	GF070400GA3S01	GELC

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Location	Date	Field Matrix	Field Prep	Lab Sample	Field QC	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 3A	09/18/06	WG	F	CS	- 71	Geninora	EPA:353.1	Nitrate-Nitrite as N		0.987			0.014	ma/L			172500	GF060900GA3S01	GELC
Spring 3A	09/26/05	WG	F	CS		Geninora	EPA:353.1	Nitrate-Nitrite as N		0.946			0.017	ma/L			146887	GF05090GA3S01	GELC
Spring 3A	09/13/04	WG	F	CS		Geninora	EPA:353.1	Nitrate-Nitrite as N		1.12			0.003	ma/L		J+	121724	GF04090GA3S01	GELC
Spring 3A	10/06/03	WG	F	CS		Geninorg	EPA:353 1	Nitrate-Nitrite as N		1.12			0.000	mg/L		0.	89802	GE03080GA3S01	GELC
Spring 3A	09/18/06	WG	UF	CS		Geninorg	EPA:353 1	Nitrate-Nitrite as N		1.10			0.014	mg/L			172500	GU060900GA3S01	GELC
Spring 3A	04/30/07	WG	F	CS		Geninora	SW-846.6850	Perchlorate		0.437			0.05	ua/l			185264	GE070400GA3S01	GELC
Spring 3A	09/18/06	WG	F	CS		Geninora	EPA:314.0	Perchlorate	<	4			4	ug/L	U		172500	GF060900GA3S01	GELC
Spring 3A	09/18/06	WG	F	CS		Geninorg	SW846 6850	Perchlorate		0.389			0.05	µg/∟ ug/l	Ŭ		172500	GE060900GA3S01	GELC
Spring 3A	09/26/05	WG	F	CS		Geninorg	SW846 6850	Perchlorate		0.425			0.00	µg/∟ ug/l			146887	GE05090GA3S01	GELC
Spring 3A	09/26/05	WG	F	CS		Geninorg	EPA:314.0	Perchlorate	/	1			4	µg/∟ ug/l			1/6887	GE05090GA3S01	GELC
Spring 3A	09/13/04	WG		<u> </u>		Geninorg	EPA:314.0	Perchlorate		ч Л			4	µg/∟ ug/l			121725	GLI04090GA3S01	GELC
Spring 3A	09/13/04	WG		<u>CS</u>		Geninorg	SW846 6850	Perchlorate	<u>`</u>	4			4 0.05	µg/∟	0		121725	GU04030GA3S01	
Spring 3A	03/13/04	WG		CS		Geninorg	SW040 0050	Porchlorate		0.3			0.05	µg/∟ g/l			109502	GU04030GA3S01	
Spring 2A	03/08/04	WC		CS		Geninorg	EDA:214.0	Perchlorate		0.390			4	µg/∟ g/l			100595	CU04030GA3301	
Spring 2A	03/06/04	WC				Geninorg	CFA.314.0	Petocium	<	4			4	µg/∟ ma/l	0		106093	CE070400CA2S01	
Spring 3A	04/30/07	WG				Geninorg	SW-040.0010B	Polassium		3.04			0.05	mg/L mg/l			100204	GF070400GA3501	
Spring 3A	09/18/06	WG				Geninorg	SW-846:6010B	Polassium		3.27			0.05	mg/L			172500	GF060900GA3501	GELC
Spring 3A	09/26/05	WG				Geninorg	SVV-846:6010B	Potassium		2.71			0.05	mg/L			146887	GF05090GA3501	GELC
Spring 3A	09/13/04	WG				Geninorg	SVV-846:6010B	Potassium		2.65			0.0165	mg/L			121724	GF04090GA3S01	GELC
Spring 3A	10/06/03	WG				Geninorg	SW-846:6010B	Potassium	-	3.09			0.0165	mg/L			89802	GF03080GA3S01	GELC
Spring 3A	04/30/07	WG		CS	-	Geninorg	SW-846:6010B	Potassium	_	3.25			0.05	mg/L			185264	GU070400GA3S01	GELC
Spring 3A	09/18/06	WG		CS		Geninorg	SW-846:6010B	Potassium	_	2.81	-		0.05	mg/L			172500	GU060900GA3S01	GELC
Spring 3A	09/26/05	WG		CS		Geninorg	SW-846:6010B	Potassium		2.76			0.05	mg/L			146887	GU05090GA3S01	GELC
Spring 3A	04/30/07	WG		CS		Geninorg	SW-846:6010B	Silicon Dioxide		48.5			0.032	mg/L	_		185264	GF070400GA3S01	GELC
Spring 3A	09/18/06	WG		CS		Geninorg	SW-846:6010B	Silicon Dioxide		39.8			0.032	mg/L	E	J	172500	GF060900GA3S01	GELC
Spring 3A	09/26/05	WG	F	CS		Geninorg	SW-846:6010B	Silicon Dioxide		49.5			0.032	mg/L			146887	GF05090GA3S01	GELC
Spring 3A	09/13/04	WG	F	CS		Geninorg	SW-846:6010B	Silicon Dioxide		45.6			0.0212	mg/L			121724	GF04090GA3S01	GELC
Spring 3A	10/06/03	WG	F	CS		Geninorg	SW-846:6010B	Silicon Dioxide		50.2			0.0212	mg/L			89802	GF03080GA3S01	GELC
Spring 3A	09/18/06	WG	UF	CS		Geninorg	SW-846:6010B	Silicon Dioxide		48.1			0.032	mg/L	E	J	172500	GU060900GA3S01	GELC
Spring 3A	09/26/05	WG	UF	CS		Geninorg	SW-846:6010B	Silicon Dioxide		49.9			0.032	mg/L			146887	GU05090GA3S01	GELC
Spring 3A	04/30/07	WG	F	CS		Geninorg	SW-846:6010B	Sodium		15.2			0.045	mg/L			185264	GF070400GA3S01	GELC
Spring 3A	09/18/06	WG	F	CS		Geninorg	SW-846:6010B	Sodium		13.3			0.045	mg/L	E	J	172500	GF060900GA3S01	GELC
Spring 3A	09/26/05	WG	F	CS		Geninorg	SW-846:6010B	Sodium		15.5			0.045	mg/L			146887	GF05090GA3S01	GELC
Spring 3A	09/13/04	WG	F	CS		Geninorg	SW-846:6010B	Sodium		13.6			0.0144	mg/L			121724	GF04090GA3S01	GELC
Spring 3A	10/06/03	WG	F	CS		Geninorg	SW-846:6010B	Sodium		16.4			0.0144	mg/L			89802	GF03080GA3S01	GELC
Spring 3A	04/30/07	WG	UF	CS		Geninorg	SW-846:6010B	Sodium		15.9			0.045	mg/L			185264	GU070400GA3S01	GELC
Spring 3A	09/18/06	WG	UF	CS		Geninorg	SW-846:6010B	Sodium		14.8			0.045	mg/L	Е	J	172500	GU060900GA3S01	GELC
Spring 3A	09/26/05	WG	UF	CS		Geninorg	SW-846:6010B	Sodium		15.5			0.045	mg/L			146887	GU05090GA3S01	GELC
Spring 3A	04/30/07	WG	F	CS		Geninorg	EPA:120.1	Specific Conductance		206			1	μ S/cm			185264	GF070400GA3S01	GELC
Spring 3A	09/18/06	WG	F	CS		Geninorg	EPA:120.1	Specific Conductance		203			1	μ S/cm			172500	GF060900GA3S01	GELC
Spring 3A	09/26/05	WG	F	CS		Geninorg	EPA:120.1	Specific Conductance		156			1	μS/cm			146887	GF05090GA3S01	GELC
Spring 3A	09/18/06	WG	UF	CS		Geninorg	EPA:120.1	Specific Conductance		198			1	μS/cm			172500	GU060900GA3S01	GELC
Spring 3A	04/30/07	WG	F	CS		Geninorg	EPA:300.0	Sulfate		5.06			0.1	mg/L			185264	GF070400GA3S01	GELC
Spring 3A	09/18/06	WG	F	CS		Geninorg	EPA:300.0	Sulfate		5.05			0.1	mg/L			172500	GF060900GA3S01	GELC
Spring 3A	09/26/05	WG	F	CS		Geninorg	EPA:300.0	Sulfate		5.13			0.057	mg/L			146887	GF05090GA3S01	GELC
Spring 3A	09/13/04	WG	F	CS		Geninorg	EPA:300.0	Sulfate		5.04			0.193	mg/L			121724	GF04090GA3S01	GELC
Spring 3A	10/06/03	WG	F	CS		Geninora	EPA:300.0	Sulfate		5.08			0.193	mg/L		l	89802	GF03080GA3S01	GELC
Spring 3A	09/18/06	WG	UF	CS		Geninora	EPA:300.0	Sulfate		5.08			0.1	mg/L			172500	GU060900GA3S01	GELC
Spring 3A	04/30/07	WG	IF	CS	1	Geninora	EPA:160.1	Total Dissolved Solids	1	130			2.38	ma/L	1	1	185264	GF070400GA3S01	GELC
Spring 3A	09/18/06	WG	F	CS		Geninora	EPA:160.1	Total Dissolved Solids		146			2.38	ma/L	1		172500	GU060900GA3S01	GELC
Spring 3A	09/18/06	WG	F	CS		Geninora	EPA:160.1	Total Dissolved Solids		147			2.38	ma/L		1	172500	GF060900GA3S01	GELC
Spring 3A	09/26/05	WG	İF	CS		Geninora	EPA:160.1	Total Dissolved Solids		158			2.38	ma/L	1		146887	GF05090GA3S01	GELC
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							1	Analytical Results			1				<u> </u>	<u> </u>		[
Location	Date	Field Matrix	Field	Lab Sample	Field QC	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	ΜΠΑ	мы	Units	Lab	2nd Qual	Request	Sample	Lab
Spring 3A	09/13/04	WG	F	CS	1900	Geninora	FPA·160 1	Total Dissolved Solids	- Cymoor	144		men	3.07	ma/l	Quui	quui	121724	GE04090GA3S01	GELC
Spring 3A	10/06/03	WG	F	CS		Geninorg	EPA:160.1	Total Dissolved Solids		136			3.07	mg/L	н	.1	89802	GE03080GA3S01	GELC
Spring 3A	04/30/07	WG	UF	CS		Geninorg	SW-846:9060	Total Organic Carbon		0.647			0.33	mg/L		Ŭ	185264	GU070400GA3S01	GELC
Spring 3A	09/18/06	WG		CS		Geninorg	SW-846:9060	Total Organic Carbon		0.567			0.00	mg/L	U U		172334	GU060900GA3S02	GELC
Spring 3A	04/30/07	WG	F	CS		Geninorg	EPA:365.4	Total Phosphate as Phosphorus		0.061			0.024	ma/l	Ŭ	.IN-	185264	GE070400GA3S01	GFLC
Spring 3A	09/18/06	WG	F	CS		Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.001			0.021	ma/l	U	R U.I	172500	GF060900GA3S01	GFLC
Spring 3A	09/26/05	WG	F	CS		Geninora	EPA:365.4	Total Phosphate as Phosphorus	<	0.091			0.01	ma/l	Ŭ	11, 00	146887	GE05090GA3S01	GFLC
Spring 3A	09/13/04	WG	F	CS		Geninora	EPA:365.4	Total Phosphate as Phosphorus		0.011			0.011	ma/L	J		121724	GF04090GA3S01	GELC
Spring 3A	10/06/03	WG	F	CS		Geninora	EPA:365.4	Total Phosphate as Phosphorus	<	0.011			0.011	ma/L	U		89802	GF03080GA3S01	GELC
Spring 3A	09/18/06	WG	UF	CS		Geninora	EPA:365.4	Total Phosphate as Phosphorus	<	0.01			0.01	ma/L	U	R. UJ	172500	GU060900GA3S01	GELC
Spring 3A	04/30/07	WG	F	CS		Geninora	EPA:150 1	nH		7 81			0.01	SU	Н	.1	185264	GE070400GA3S01	GFLC
Spring 3A	09/18/06	WG	F	CS		Geninora	EPA:150.1	h		7.72			0.01	SU	Н	J	172500	GF060900GA3S01	GELC
Spring 3A	09/26/05	WG	F	CS		Geninora	EPA:150.1	bH		7.22			0.01	SU	Н	J	146887	GF05090GA3S01	GELC
Spring 3A	09/18/06	WG	UF	CS		Geninora	EPA:150.1	bH		7.81			0.01	SU	Н	J	172500	GU060900GA3S01	GELC
Spring 3A	04/30/07	WG	F	CS		Metals	SW-846:6010B	Barium		32.6			1	ua/L		- -	185264	GF070400GA3S01	GELC
Spring 3A	09/18/06	WG	F	CS		Metals	SW-846:6010B	Barium		33			1	$\mu g/L$			172500	GF060900GA3S01	GELC
Spring 3A	09/26/05	WG	F	CS		Metals	SW-846:6010B	Barium		30.4			1	$\mu g/L$			146887	GF05090GA3S01	GELC
Spring 3A	09/13/04	WG	F	CS		Metals	SW-846:6010B	Barium		29.6			0.222	$\mu g/L$			121724	GF04090GA3S01	GELC
Spring 3A	10/06/03	WG	F	CS		Metals	SW-846:6010B	Barium		32.3			0.222	$\mu \alpha / L$			89802	GF03080GA3S01	GELC
Spring 3A	04/30/07	WG	UF	CS		Metals	SW-846:6010B	Barium		34.9			1	μα/l			185264	GU070400GA3S01	GELC
Spring 3A	09/18/06	WG	UF	CS		Metals	SW-846:6010B	Barium		30.5			1	$\mu \alpha / L$			172500	GU060900GA3S01	GELC
Spring 3A	09/26/05	WG	UF	CS		Metals	SW-846:6010B	Barium		31.2			1	$\mu \alpha / L$			146887	GU05090GA3S01	GELC
Spring 3A	04/30/07	WG	F	CS		Metals	SW-846:6010B	Boron		18.6			10	ua/L	J		185264	GF070400GA3S01	GELC
Spring 3A	09/18/06	WG	F	CS		Metals	SW-846:6010B	Boron	<	10			10	ua/L	U	UJ	172500	GF060900GA3S01	GELC
Spring 3A	09/26/05	WG	F	CS		Metals	SW-846:6010B	Boron		20.6			10	ua/L	J		146887	GF05090GA3S01	GELC
Spring 3A	09/13/04	WG	F	CS		Metals	SW-846:6010B	Boron	<	23.6			4.88	ua/L	J	U	121724	GF04090GA3S01	GELC
Spring 3A	10/06/03	WG	F	CS		Metals	SW-846:6010B	Boron		16.2			4.88	ua/L	В		89802	GF03080GA3S01	GELC
Spring 3A	04/30/07	WG	UF	CS		Metals	SW-846:6010B	Boron		23.3			10	ua/L	J		185264	GU070400GA3S01	GELC
Spring 3A	09/18/06	WG	UF	CS		Metals	SW-846:6010B	Boron	<	10			10	ua/L	U	UJ	172500	GU060900GA3S01	GELC
Spring 3A	09/26/05	WG	UF	CS		Metals	SW-846:6010B	Boron		21.4			10	μg/L	J		146887	GU05090GA3S01	GELC
Spring 3A	04/30/07	WG	F	CS		Metals	SW-846:6010B	Molybdenum		2			2	μg/L	J		185264	GF070400GA3S01	GELC
Spring 3A	09/18/06	WG	F	CS		Metals	SW-846:6010B	Molybdenum	<	2			2	μg/L	U		172500	GF060900GA3S01	GELC
Spring 3A	09/26/05	WG	F	CS		Metals	SW-846:6010B	Molybdenum	<	2			2	μg/L	U		146887	GF05090GA3S01	GELC
Spring 3A	09/13/04	WG	F	CS		Metals	SW-846:6010B	Molybdenum	<	1.43			1.43	μg/L	U		121724	GF04090GA3S01	GELC
Spring 3A	10/06/03	WG	F	CS		Metals	SW-846:6010B	Molybdenum	<	1.43			1.43	μg/L	U		89802	GF03080GA3S01	GELC
Spring 3A	09/18/06	WG	UF	CS		Metals	SW-846:6010B	Molybdenum	<	2			2	μg/L	U		172500	GU060900GA3S01	GELC
Spring 3A	09/26/05	WG	UF	CS		Metals	SW-846:6010B	Molybdenum	<	2			2	μg/L	U		146887	GU05090GA3S01	GELC
Spring 3A	04/30/07	WG	F	CS		Metals	SW-846:6010B	Strontium		225			1	μg/L			185264	GF070400GA3S01	GELC
Spring 3A	09/18/06	WG	F	CS		Metals	SW-846:6010B	Strontium		210			1	μg/L			172500	GF060900GA3S01	GELC
Spring 3A	09/26/05	WG	F	CS		Metals	SW-846:6010B	Strontium		223			1	μg/L			146887	GF05090GA3S01	GELC
Spring 3A	09/13/04	WG	F	CS		Metals	SW-846:6010B	Strontium		210			0.178	μg/L			121724	GF04090GA3S01	GELC
Spring 3A	10/06/03	WG	F	CS		Metals	SW-846:6010B	Strontium		231			0.178	μg/L			89802	GF03080GA3S01	GELC
Spring 3A	04/30/07	WG	UF	CS		Metals	SW-846:6010B	Strontium		240			1	μg/L			185264	GU070400GA3S01	GELC
Spring 3A	09/18/06	WG	UF	CS		Metals	SW-846:6010B	Strontium		221			1	μg/L			172500	GU060900GA3S01	GELC
Spring 3A	09/26/05	WG	UF	CS		Metals	SW-846:6010B	Strontium		226			1	μg/L			146887	GU05090GA3S01	GELC
Spring 3A	04/30/07	WG	F	CS		Metals	SW-846:6020	Uranium		1.4			0.05	μg/L			185264	GF070400GA3S01	GELC
Spring 3A	09/18/06	WG	F	CS		Metals	SW-846:6020	Uranium		1.6			0.05	μg/L			172500	GF060900GA3S01	GELC
Spring 3A	09/26/05	WG	F	CS		Metals	SW-846:6020	Uranium		1.6			0.05	μg/L			146887	GF05090GA3S01	GELC
Spring 3A	09/13/04	WG	F	CS		Metals	SW-846:6020	Uranium		1.4			0.02	μg/L			121724	GF04090GA3S01	GELC
Spring 3A	10/06/03	WG	F	CS		Metals	SW-846:6020	Uranium		1.57			0.02	μg/L			89802	GF03080GA3S01	GELC
Spring 3A	04/30/07	WG	UF	CS		Metals	SW-846:6020	Uranium		1.4			0.05	μg/L			185264	GU070400GA3S01	GELC

								Analytical Results									1		
Location	Date	Field Matrix	Field	Lab Sample	Field QC	Suito	Method	Analyte	Symbol	Posult	1-sigma TPU	МПА	MDI	Unite	Lab	2nd	Poquest	Sample	Lab
Spring 3A	09/18/06	WG	UF	CS	Туре	Metals	SW-846.6020	Uranium	Gynnool	15			0.05		Quai	Quai	172500	GU060900GA3S01	GELC
Spring 3A	09/26/05	WG	UF	CS		Metals	SW-846:6020	Uranium		1.6			0.00	µg/∟ ug/l			146887	GU05090GA3S01	GELC
Spring 3A	04/30/07	WG	F	CS		Metals	SW-846:6010B	Vanadium		13			1	ug/L			185264	GF070400GA3S01	GELC
Spring 3A	09/18/06	WG	F	CS		Metals	SW-846:6010B	Vanadium		14.3			1	µg/⊑ µɑ/l			172500	GF060900GA3S01	GELC
Spring 3A	09/26/05	WG	F	CS		Metals	SW-846:6010B	Vanadium		13.2			1	ua/L			146887	GF05090GA3S01	GELC
Spring 3A	09/13/04	WG	F	CS		Metals	SW-846:6010B	Vanadium		12.8			0.606	ug/L			121724	GF04090GA3S01	GELC
Spring 3A	10/06/03	WG	F	CS		Metals	SW-846:6010B	Vanadium		13.9			0.606	μg/L			89802	GF03080GA3S01	GELC
Spring 3A	04/30/07	WG	UF	CS		Metals	SW-846:6010B	Vanadium		14.7			1	μg/L			185264	GU070400GA3S01	GELC
Spring 3A	09/18/06	WG	UF	CS		Metals	SW-846:6010B	Vanadium		13.2			1	μg/L			172500	GU060900GA3S01	GELC
Spring 3A	09/26/05	WG	UF	CS		Metals	SW-846:6010B	Vanadium		13.5			1	μ g/L			146887	GU05090GA3S01	GELC
Spring 3A	04/30/07	WG	UF	CS		Rad	LLEE	Tritium		0.57474	0.09579	0.28737		pCi/L		U	2336	UU070400GA3S01	UMTL
Spring 3A	09/18/06	WG	UF	CS		Rad	LLEE	Tritium		1.18141	0.09579	0.28737		pCi/L			2273	UU060900GA3S01	UMTL
Spring 3A	09/26/05	WG	UF	CS		Rad	EPA:906.0	Tritium		36.1	19.7	200		pCi/L	U	U	146887	GU05090GA3S01	GELC
Spring 3A	09/13/04	WG	UF	CS		Rad	LLEE	Tritium		1.14948	0.09579		0.28737	pCi/L			1952	UU04090GA3S01	UMTL
Spring 3A	09/13/04	WG	UF	CS		Rad	EPA:906.0	Tritium		-18.9	16.06666667	160		pCi/L	U	U	121725	GU04090GA3S01	GELC
Spring 3A	09/13/04	WG	UF	RE		Rad	LLEE	Tritium		1.08562	0.09579		0.28737	pCi/L			1952	UU04090GA3S01	UMTL
Spring 3A	10/06/03	WG	UF	CS		Rad	EPA:906.0	Tritium		450	20.53333333	167		pCi/L		J	89802	GU03080GA3S01	GELC
Spring 3A	10/06/03	WG	UF	CS		Rad		Tritium		1.18141	0.09579		0.28737	pCi/L			1805	UU03080GA3S01	UMTL
Spring 3A	10/06/03	WG	UF	RE		Rad	EPA:906.0	Tritium		-32.2	13.63333333	137		pCi/L	U	U	104174	GU03080GA3S01	GELC
Spring 3A	10/06/03	WG	UF	RE		Rad		Tritium		1.14948	0.09579		0.28737	pCi/L			1805	UU03080GA3S01	UMTL
Spring 4	05/03/07	WG	F	CS	FD	Geninorg	EPA:310.1	Alkalinity-CO ₃ +HCO ₃		83.6			0.725	mg/L			185526	GF070400G4SW20	GELC
Spring 4	05/03/07	WG	F	CS		Geninorg	EPA:310.1	Alkalinity-CO ₃ +HCO ₃		83.6			0.725	mg/L			185526	GF070400G4SW01	GELC
Spring 4	09/18/06	WG	F	CS		Geninorg	EPA:310.1	Alkalinity-CO ₃ +HCO ₃		79.3			0.725	mg/L			172500	GF060900G4SW01	GELC
Spring 4	09/26/05	WG	F	CS		Geninorg	EPA:310.1	Alkalinity-CO ₃ +HCO ₃		75.2			1.45	mg/L			146889	GF05090G4SW01	GELC
Spring 4	09/13/04	WG	F	CS		Geninorg	EPA:310.1	Alkalinity-CO ₃ +HCO ₃		78.9			1.45	mg/L			121724	GF04090G4SW01	GELC
Spring 4	10/06/03	WG	F	CS		Geninorg	EPA:310.1	Alkalinity-CO ₃ +HCO ₃		78.1			1.45	mg/L			89802	GF03080G4SW01	GELC
Spring 4	09/18/06	WG	UF	CS		Geninorg	EPA:310.1	Alkalinity-CO ₃ +HCO ₃		81.3			0.725	mg/L			172500	GU060900G4SW01	GELC
Spring 4	05/03/07	WG	F	CS	FD	Geninora	EPA:300.0	Bromide		0 125			0.066	ma/l	J		185526	GF070400G4SW20	GELC
Spring 4	09/18/06	WG	F	CS		Geninora	EPA:300.0	Bromide		0.101			0.066	ma/L	J		172500	GF060900G4SW01	GELC
Spring 4	09/26/05	WG	F	CS		Geninora	EPA:300.0	Bromide		0.084			0.041	ma/L	J		146889	GF05090G4SW01	GELC
Spring 4	09/18/06	WG	UF	CS		Geninorg	EPA:300.0	Bromide		0.095			0.066	mg/L	J		172500	GU060900G4SW01	GELC
Spring 4	05/03/07	WG	F	CS	FD	Geninorg	SW-846:6010B	Calcium		22.9			0.036	mg/L			185526	GF070400G4SW20	GELC
Spring 4	05/03/07	WG	F	CS		Geninorg	SW-846:6010B	Calcium		23.3			0.036	mg/L			185526	GF070400G4SW01	GELC
Spring 4	09/18/06	WG	F	CS		Geninorg	SW-846:6010B	Calcium		21.8			0.036	mg/L			172500	GF060900G4SW01	GELC
Spring 4	09/26/05	WG	F	CS		Geninorg	SW-846:6010B	Calcium		21.8			0.036	mg/L			146889	GF05090G4SW01	GELC
Spring 4	09/13/04	WG	F	CS		Geninorg	SW-846:6010B	Calcium		20.8			0.00554	mg/L			121724	GF04090G4SW01	GELC
Spring 4	10/06/03	WG	F	CS		Geninorg	SW-846:6010B	Calcium		22.4			0.00554	mg/L			89802	GF03080G4SW01	GELC
Spring 4	05/03/07	WG	UF	CS	FD	Geninorg	SW-846:6010B	Calcium		21.6			0.036	mg/L			185526	GU070400G4SW20	GELC
Spring 4	05/03/07	WG	UF	CS		Geninorg	SW-846:6010B	Calcium		21.5			0.036	mg/L			185526	GU070400G4SW01	GELC
Spring 4	09/18/06	WG	UF	CS		Geninorg	SW-846:6010B	Calcium		21.9			0.036	mg/L			172500	GU060900G4SW01	GELC
Spring 4	09/26/05	WG	UF	CS		Geninorg	SW-846:6010B	Calcium		21.5			0.036	mg/L			146889	GU05090G4SW01	GELC
Spring 4	05/03/07	WG	F	CS	FD	Geninorg	EPA:300.0	Chloride		6.34			0.066	mg/L			185526	GF070400G4SW20	GELC
Spring 4	05/03/07	WG	IF	CS		Geninorg	EPA:300.0	Chloride		6.31			0.066	mg/L	<u> </u>		185526	GF070400G4SW01	GELC
Spring 4	09/18/06	WG		CS		Geninorg	EPA:300.0	Chloride		6.53			0.066	mg/L			172500	GF060900G4SW01	GELC
Spring 4	09/26/05	WG				Geninorg	EPA:300.0		_	6.53		<u> </u>	0.053	mg/L			146889	GF05090G4SW01	GELC
Spring 4	09/13/04	WG		CS	┨────	Geninorg	EPA:300.0	Chloride		6.44		 	0.0322	mg/L			121724	GF04090G4SW01	GELC
Spring 4	10/06/03	WG				Coninorg	EPA:300.0	Chlorida		0.04			0.0322	mg/L			09002		
Spring 4	09/18/06	WG				Geninorg	EPA:300.0			0.00			0.000	mg/L			195500		
Spring 4	05/03/07	WG	IL	60	ΓU	Geninorg	EPA:300.0	FIUOIIDE		0.471			0.033	ing/L	1	<u> </u>	100020	GFU/0400G4SW20	IGELU

								Analytical Results		1	1				1	r	1		
Location	Date	Field Matrix	Field Prep	Lab Sample	Field QC	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDI	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4	05/03/07	WG	F	CS	- 71	Geninora	EPA:300.0	Fluoride		0.474	, organic of		0.033	ma/L			185526	GF070400G4SW01	GELC
Spring 4	09/18/06	WG	F	CS		Geninora	EPA:300.0	Fluoride	<	0.472			0.033	ma/L		U	172500	GF060900G4SW01	GELC
Spring 4	09/26/05	WG	F	CS		Geninora	EPA:300.0	Fluoride		0.481			0.03	ma/L		-	146889	GF05090G4SW01	GELC
Spring 4	09/13/04	WG	F	CS		Geninora	EPA:300.0	Fluoride		0 475			0.0553	ma/l			121724	GF04090G4SW01	GELC
Spring 4	10/06/03	WG	F	CS		Geninora	EPA:300.0	Fluoride		0.371			0.0553	ma/L			89802	GF03080G4SW01	GELC
Spring 4	09/18/06	WG	UF	CS		Geninora	EPA:300.0	Fluoride	<	0.471			0.033	ma/L		U	172500	GU060900G4SW01	GELC
Spring 4	05/03/07	WG	F	CS	FD	Geninora	SM·A2340B	Hardness		76			0.44	ma/l		Ŭ	185526	GE070400G4SW20	GELC
Spring 4	05/03/07	WG	F	CS	. 5	Geninora	SM:A2340B	Hardness		77 2			0.44	ma/l			185526	GF070400G4SW01	GELC
Spring 4	09/18/06	WG	F	CS		Geninorg	SM:A2340B	Hardness		72.1			0.085	ma/l			172500	GF060900G4SW01	GELC
Spring 4	09/26/05	WG	F	CS		Geninorg	SM:A2340B	Hardness		72.1			0.000	mg/L			146889	GE05090G4SW01	GELC
Spring 4	09/13/04	WG	F	CS		Geninorg	EPA:200.7	Hardness		68.7			0.00554	mg/L			121724	GF04090G4SW01	GELC
Spring 4	10/06/03	WG	F	CS		Geninorg	EPA:200.7	Hardness		72.8			0.00004	mg/L			80802	GE03080G4SW01	GELC
Spring 4	05/03/07	WG		CS	FD	Geninorg	SM:42340B	Hardness		72.0			0.04	mg/L			185526	GLI070400G4SW/20	GELC
Spring 4	05/03/07	WG		CS		Geninorg	SM:A2340B	Hardness		71.5			0.44	mg/L			185526	GU070400G4SW01	GELC
Spring 4	09/18/06	WG		<u>CS</u>		Geninorg	SM:A2340B	Hardness		72.5			0.44	mg/L			172500	GU070400G4SW01	
Spring 4	09/16/05	WG		CS		Geninorg	SM:A2340B	Hardnoss		72.0			0.005	mg/L			1/6990	GU000900G43W01	
Spring 4	05/20/03	WC		CS		Geninorg	SWI 946-6010P	Magnasium		11.2			0.005	mg/L			195526	CE070400C4SW01	
Spring 4	05/03/07	WC			ΓU	Geninorg	SW 946:6010B	Magnesium		4.55			0.005	mg/L			100020	GF070400G43W20	
Spring 4	05/03/07	WG				Geninorg	SW-040.0010B	Magnesium		4.04			0.005	mg/∟ mg/l			100020	GF070400G4SW01	
Spring 4	09/18/06	WG				Geninorg	SVV-846:6010B	Magnesium		4.27			0.085	mg/L			172500	GF060900G4SW01	
Spring 4	09/26/05	WG				Geninorg	SVV-846:6010B	Magnesium		4.29			0.085	mg/L			146889	GF05090G4SW01	GELC
Spring 4	09/13/04	WG				Geninorg	SVV-846:6010B	Magnesium		4.1			0.00518	mg/L			121724	GF04090G4SW01	GELC
Spring 4	10/06/03	WG		CS		Geninorg	SW-846:6010B	Magnesium		4.48			0.00518	mg/L			89802	GF03080G4SW01	GELC
Spring 4	05/03/07	WG		CS	FD	Geninorg	SW-846:6010B	Magnesium		4.37			0.085	mg/L			185526	GU070400G4SW20	GELC
Spring 4	05/03/07	WG		CS	-	Geninorg	SW-846:6010B	Magnesium		4.33			0.085	mg/L			185526	GU070400G4SW01	GELC
Spring 4	09/18/06	WG		CS		Geninorg	SW-846:6010B	Magnesium		4.31			0.085	mg/L			172500	GU060900G4SW01	GELC
Spring 4	09/26/05	WG		CS		Geninorg	SW-846:6010B	Magnesium		4.23			0.085	mg/L			146889	GU05090G4SW01	GELC
Spring 4	05/03/07	WG	F	CS	FD	Geninorg	EPA:353.2	Nitrate-Nitrite as N		1.66			0.1	mg/L			185526	GF070400G4SW20	GELC
Spring 4	05/03/07	WG	F	CS		Geninorg	EPA:353.2	Nitrate-Nitrite as N		1.61			0.1	mg/L			185526	GF070400G4SW01	GELC
Spring 4	09/18/06	WG	F	CS		Geninorg	EPA:353.1	Nitrate-Nitrite as N		1.3			0.014	mg/L			172500	GF060900G4SW01	GELC
Spring 4	09/26/05	WG	F	CS		Geninorg	EPA:353.1	Nitrate-Nitrite as N		1.22			0.017	mg/L			146889	GF05090G4SW01	GELC
Spring 4	09/13/04	WG	F	CS		Geninorg	EPA:353.1	Nitrate-Nitrite as N		1.55			0.003	mg/L		J+	121724	GF04090G4SW01	GELC
Spring 4	10/06/03	WG	F	CS		Geninorg	EPA:353.1	Nitrate-Nitrite as N		1.34			0.01	mg/L			89802	GF03080G4SW01	GELC
Spring 4	09/18/06	WG	UF	CS		Geninorg	EPA:353.1	Nitrate-Nitrite as N		1.43			0.014	mg/L			172500	GU060900G4SW01	GELC
Spring 4	05/03/07	WG	F	CS	FD	Geninorg	SW-846:6850	Perchlorate		0.622			0.05	μ g/L		J-	185526	GF070400G4SW20	GELC
Spring 4	05/03/07	WG	F	CS		Geninorg	SW-846:6850	Perchlorate		0.638			0.05	μ g/L		J-	185526	GF070400G4SW01	GELC
Spring 4	09/18/06	WG	F	CS		Geninorg	EPA:314.0	Perchlorate	<	4			4	μ g/L	U		172500	GF060900G4SW01	GELC
Spring 4	09/18/06	WG	F	CS		Geninorg	SW846 6850	Perchlorate		0.598			0.05	μg/L			172500	GF060900G4SW01	GELC
Spring 4	09/26/05	WG	F	CS		Geninorg	EPA:314.0	Perchlorate	<	4			4	μg/L	U		146889	GF05090G4SW01	GELC
Spring 4	09/26/05	WG	F	CS		Geninorg	SW846 6850	Perchlorate		0.619			0.05	μg/L			146889	GF05090G4SW01	GELC
Spring 4	09/13/04	WG	UF	CS		Geninorg	EPA:314.0	Perchlorate	<	4			4	μ g/L	U		121725	GU04090G4SW01	GELC
Spring 4	09/13/04	WG	UF	CS		Geninorg	SW846 6850	Perchlorate		0.619			0.05	μ g/L			121725	GU04090G4SW01	GELC
Spring 4	03/05/04	WG	UF	CS		Geninorg	SW846 6850	Perchlorate		0.609				μg/L			108593	GU04030G4SW01	GELC
Spring 4	03/05/04	WG	UF	CS		Geninorg	EPA:314.0	Perchlorate	<	4			4	μg/L	U		108593	GU04030G4SW01	GELC
Spring 4	05/03/07	WG	F	CS	FD	Geninorg	SW-846:6010B	Potassium		2.8			0.05	mg/L			185526	GF070400G4SW20	GELC
Spring 4	05/03/07	WG	F	CS		Geninorg	SW-846:6010B	Potassium		2.85			0.05	mg/L			185526	GF070400G4SW01	GELC
Spring 4	09/18/06	WG	F	CS		Geninorg	SW-846:6010B	Potassium		2.6			0.05	mg/L			172500	GF060900G4SW01	GELC
Spring 4	09/26/05	WG	F	CS		Geninorg	SW-846:6010B	Potassium		2.44			0.05	mg/L			146889	GF05090G4SW01	GELC
Spring 4	09/13/04	WG	F	CS		Geninorg	SW-846:6010B	Potassium		2.47			0.0165	mg/L			121724	GF04090G4SW01	GELC
Spring 4	10/06/03	WG	F	CS	1	Geninorg	SW-846:6010B	Potassium	1	2.84	1		0.0165	mg/L		1	89802	GF03080G4SW01	GELC
Spring 4	05/03/07	WG	UF	CS	FD	Geninora	SW-846:6010B	Potassium	1	2.73	1		0.05	mg/L		Ì	185526	GU070400G4SW20	GELC
Spring 4	05/03/07	WG	UF	CS		Geninorg	SW-846:6010B	Potassium	1	2.64	1		0.05	mg/L			185526	GU070400G4SW01	GELC

	-			-			-	Analytical Results									-		
Location	Date	Field Matrix	Field	Lab Sample	Field QC	Suito	Method	Analyte	Symbol	Posult	1-sigma TPU	МПА	МП	Unite	Lab	2nd	Poquest	Sample	Lab
Spring 4	09/18/06	WG		CS	Туре	Geninora	SW-846:6010B	Potassium	Symbol	2.62			0.05	mg/l	Quai	Quai	172500		GELC
Spring 4	09/26/05	WG		<u>CS</u>		Geninorg	SW-846:6010B	Potassium		2.02			0.05	mg/L			1/6889	GU000300G4SW01	GELC
Spring 4	05/03/07	WG		<u>CS</u>	ED	Geninorg	SW-846:6010B	Silicon Dioxide		5/ 2			0.032	mg/L			185526	GE070400C4SW20	
Spring 4	05/03/07	WG		CS		Geninorg	SW-846:6010B	Silicon Dioxide		55 2			0.032	mg/L			195526	GE070400G43W20	
Spring 4	00/18/06	WG		CS		Geninorg	SW-846:6010B	Silicon Dioxide		50.Z			0.032	mg/L	_	1	172500	GF060000G4SW01	
Spring 4	09/16/06	WG		CS		Geninorg	SW-846:6010B	Silicon Dioxide		52.Z			0.032	mg/L		J	1/6990	GE05000C4SW01	
Spring 4	09/20/03	WG		<u>CS</u>		Geninorg	SW-846:6010B	Silicon Dioxide		50.2			0.032	mg/L			121724	GF04090G4SW01	
Spring 4	10/06/03	WG		<u>CS</u>		Geninorg	SW-846:6010B	Silicon Dioxide		54.6			0.0212	mg/L			80802	GF04090G43W01 GF03080G4SW01	
Spring 4	00/18/06	WG		CS		Geninorg	SW-846:6010B	Silicon Dioxide		53.2			0.0212	mg/L	F	1	172500	GLI060000G4SW01	
Spring 4	09/16/05	WG		CS		Geninorg	SW-040.0010D	Silicon Dioxide		53.Z			0.032	mg/L		J	1/6990	GU000300G4SW01	
Spring 4	05/03/07	WG		CS		Geninorg	SW-640.0010B	Sodium		12.0			0.032	mg/L			140009	GE070400C4SW01	
Spring 4	05/03/07	WG		CS		Geninorg	SW-640.0010B	Sodium		13.9			0.045	mg/L			195526	GF070400G43W20	
Spring 4	00/19/06	WC				Geninorg	SW-040.0010D	Sodium		14.4			0.045	mg/L	E		172500	GF070400G43W01	
Spring 4	09/16/06	WC				Geninorg	SW-040.0010D	Sodium		13.3			0.045	mg/L	E	J	1/2000	GF000900G43W01	
Spring 4	09/20/03	WC				Geninorg	SW-040.0010D	Sodium		13.7			0.045	mg/L			140009	GF05090G45W01	
Spring 4	10/06/02	WG				Geninorg	SW-646.6010B	Sodium		12.0			0.0144	mg/L mg/l			121724	GF04090G45W01	GELC
Spring 4	10/06/03	WG				Geninorg	SW-646.6010B	Sodium		14.5			0.0144	mg/L mg/l			195526	GF03060G43W01	GELC
Spring 4	05/03/07	WG			FD	Geninorg	SW-646.6010B	Sodium		13.4			0.045	mg/L mg/l			100020	GU070400G4SW20	GELC
Spring 4	05/03/07	WG				Geninorg	SW-846:6010B	Sodium		13.2			0.045	mg/L	E		180020	GU070400G4SW01	GELC
Spring 4	09/18/06	WG				Geninorg	SVV-846:6010B	Sodium		13.7			0.045	mg/L	E	J	172500	GU060900G4SW01	GELC
Spring 4	09/26/05	WG				Geninorg	SVV-846:6010B	Socium Cracific Conductores		13.9			0.045	mg/∟			140889	G005090G45W01	GELC
Spring 4	05/03/07	WG			FU	Geninorg	EPA:120.1	Specific Conductance		233			1	μS/cm			180020	GF070400G4SW20	GELC
Spring 4	05/03/07	WG				Geninorg	EPA:120.1	Specific Conductance		220			1	μS/cm			185526	GF070400G4SW01	GELC
Spring 4	09/18/06	WG				Geninorg	EPA:120.1	Specific Conductance		220			1	μS/cm			172500	GF060900G4SW01	GELC
Spring 4	09/26/05	WG				Geninorg	EPA:120.1	Specific Conductance		194			1	μS/cm			146889	GF05090G45W01	GELC
Spring 4	09/18/06	WG				Geninorg	EPA:120.1	Specific Conductance		219			1	μS/cm			172500	G0060900G4SW01	GELC
Spring 4	05/03/07	WG			FD	Geninorg	EPA:300.0			9.29			0.1	mg/L			185526	GF070400G4SW20	GELC
Spring 4	05/03/07	WG				Geninorg	EPA:300.0			9.33			0.1	mg/L			185526	GF070400G4SW01	GELC
Spring 4	09/18/06	WG				Geninorg	EPA:300.0			9.44			0.1	mg/L			172500	GF060900G4SW01	GELC
Spring 4	09/26/05	WG				Geninorg	EPA:300.0	Sulfate		9.69			0.057	mg/L			146889	GF05090G4SW01	GELC
Spring 4	09/13/04	WG				Geninorg	EPA:300.0			9.39			0.193	mg/L			121724	GF04090G4SW01	GELC
Spring 4	10/06/03	WG				Geninorg	EPA:300.0			9.94			0.193	mg/L			89802	GF03080G45W01	GELC
Spring 4	09/18/06	WG				Geninorg	EPA:300.0	Sulfate		9.5			0.1	mg/L			172500	GU060900G4SW01	GELC
Spring 4	05/03/07	WG				Geninorg	EPA:160.2	Suspended Sediment Concentration		2.8			2.28	mg/L	J		185526	GU070400G4SW01	GELC
Spring 4	09/18/06	WG				Geninorg	EPA:160.2	Suspended Sediment Concentration	<	1.43			1.43	mg/L	U		172500	GU060900G4SW01	GELC
Spring 4	09/26/05	WG		CS		Geninorg	EPA:160.2	Suspended Sediment Concentration		3.91			1.06	mg/L	J		146889	GU05090G4SW01	GELC
Spring 4	10/17/02	WG		CS		Geninorg	EPA:160.2	Suspended Sediment Concentration		2.8			0.764	mg/L	J		69072	GU02100G4SW01	GELC
Spring 4	05/03/07	WG		CS	FD	Geninorg	EPA:160.1	Total Dissolved Solids		170			2.38	mg/L			185526	GF070400G4SW20	GELC
Spring 4	05/03/07	WG		CS		Geninorg	EPA:160.1	Total Dissolved Solids		179			2.38	mg/L			185526	GF070400G4SW01	GELC
Spring 4	09/18/06	WG		CS		Geninorg	EPA:160.1	Total Dissolved Solids		166			2.38	mg/L			172500	GF060900G4SW01	GELC
Spring 4	09/18/06	WG		CS		Geninorg	EPA:160.1	Total Dissolved Solids		170			2.38	mg/L			172500	GU060900G4SW01	GELC
Spring 4	09/26/05	WG		CS		Geninorg	EPA:160.1	Total Dissolved Solids		175			2.38	mg/L			146889	GF05090G4SW01	GELC
Spring 4	09/13/04	WG		CS		Geninorg	EPA:160.1	Total Dissolved Solids		136			3.07	mg/L			121724	GF04090G4SW01	GELC
Spring 4	10/06/03	WG		CS		Geninorg	EPA:160.1	Total Dissolved Solids		149			3.07	mg/L	Н	J	89802	GF03080G4SW01	GELC
Spring 4	09/18/06	WG		CS		Geninorg	EPA:351.2	I otal Kjeldahl Nitrogen	<	0.01			0.01	mg/L	U	UJ	172500	GF060900G4SW01	GELC
Spring 4	09/26/05	WG				Geninorg	EPA:351.2	I otal Kjeldahl Nitrogen	<	0.24			0.04	mg/L	J		146889	GF05090G4SW01	GELC
Spring 4	05/03/07	WG		CS	FD	Geninorg	EPA:351.2	I otal Kjeldahl Nitrogen		0.039			0.029	mg/L	J	JN-	185526	GU070400G4SW20	GELC
Spring 4	09/18/06	WG		CS		Geninorg	EPA:351.2	I otal Kjeldahl Nitrogen	<	0.047			0.01	mg/L	J	U	172500	GU060900G4SW01	GELC
Spring 4	05/03/07	WG	UF	CS	FD	Geninorg	SW-846:9060	I otal Organic Carbon		0.432			0.33	mg/L			185526	GU070400G4SW20	GELC
Spring 4	05/03/07	WG	UF	CS		Geninorg	SW-846:9060	I otal Organic Carbon		0.478			0.33	mg/L	<u> </u>		185526	GU070400G4SW01	GELC
Spring 4	09/18/06	WG	UF	CS	l	Geninorg	SW-846:9060	I otal Organic Carbon		0.94			0.33	mg/L	J	I	172334	GU060900G4SW02	GELC
Spring 4	05/03/07	WG	F	CS	FD	Geninorg	EPA:150.1	рН		7.66			0.01	SU	ΙH	J	185526	GF070400G4SW20	GELC

Lachton Freid Lab Lab Lab Lab Lab And A	r	1			Т				Analytical Results						1	1	1			
Sping 4 Other Mode Control of Ph 101 PH Ph 101	Location	Date	Field Matrix	Field Prep	Lab Sample	Field QC	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Soring 4 Optional	Spring 4	05/03/07	WG	F	CS	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Geninora	EPA:150.1	pH		7.65	_		0.01	SU	Н	J	185526	GF070400G4SW01	GELC
Schmå 4 UP22692 Kök 5 C Schmå 4 Mithol Kök 7 C Ditt H J Trassed Gengal 4 Mithol Kök 7 C Ditt H J Trassed Gengal 4 Mithol No H J Trassed Gengal 4 Mithol No H J Trassed Gengal 4 Mithol No Mithol Mithol Mithol	Spring 4	09/18/06	WG	F	CS		Geninora	EPA:150.1	Hq		7.39			0.01	SU	Н	J	172500	GF060900G4SW01	GELC
Sping 4 On the Ge UP C B Berning 0 PA12 PA2 Dit 100 UU I J T7200 Construct 0 CL Sping 4 Opticolo C C Sping 4 Opticolo R S	Spring 4	09/26/05	WG	F	CS		Geninora	EPA:150.1	pH		6.87			0.01	SU	Н	J	146889	GF05090G4SW01	GELC
Spring 4 Optimize	Spring 4	09/18/06	WG	UF	CS		Geninora	EPA:150.1	pH		7.62			0.01	SU	Н	J	172500	GU060900G4SW01	GELC
Spirg4 Orberto Mode P CS Metale SW-444-0010 Aurinum < No. No. P CS Metale SW-444-0010 Aurinum < No. No. P CS Metale SW-444-0010 CFL CS Metale SW-444-0010 Aurinum < No. o. No. No	Spring 4	09/18/06	WG	F	CS		Metals	SW-846:6010B	Aluminum	<	68			68	ug/l	U	-	172500	GF060900G4SW01	GELC
Shring 4 Ort Yaba Wris F C 8 Metalin SW 446 00:00 All manum c 14.7 Int. U P1214 Grabability and SW 446 00:00 All manum c 14.7 Int. U P1214 Grabability and SW 446 00:00 All manum C 13.3 DB DB DI DI <thdi< th=""> DI DI</thdi<>	Spring 4	09/26/05	WG	F	CS		Metals	SW-846:6010B	Aluminum	<	68			68	μ <u>α</u> /Ι	Ŭ		146889	GF05090G4SW01	GELC
Simma (Oxford (%) F CS Monthe SV4490.000 Aurminum c 14.7 Inf. I R Bodge (%) State (%) <	Spring 4	09/13/04	WG	F	CS		Metals	SW-846:6010B	Aluminum	<	14.7			14.7	μ <u>α</u> /Ι	Ŭ		121724	GF04090G4SW01	GELC
Spring 4 OCOUNT WG UF CS PD Metale SW-44600108 Attimum PT S 68 (g) J 115520 Curvince/Figure 3 Spring 4 OC0007 WG UF CS Metale SW-44600108 Attimum 68 (g) J 145800 Curvince/Figure 3 Curvince/Figure 3<	Spring 4	10/06/03	WG	F	CS		Metals	SW-846:6010B	Aluminum	<	14.7			14.7	μ <u>α</u> /Ι	Ŭ	R	89802	GF03080G4SW01	GELC
Spring 4 Octobor WG UF CS Metale SW-464-00100 Autminum Ph.7 Ed. Get up J Tessage Cummode Composition Spring 4 Ox80406 WG UF CS Metale SW-464-00100 Autminum Ref. 3 Ed. 1.6.5 ad. J Tessage Composition Autminum Ref. 3 Ed. 1.5.5 ad. J Tessage Composition Autminum Ref. 3 Ed. 1.5.5 ad. J Tessage Composition Autminum Ref. 3 Ed. 1.5.5 ad. J Tessage Composition Ref. 3	Spring 4	05/03/07	WG	UF	CS	FD	Metals	SW-846:6010B	Aluminum	-	71.3			68	$\mu g/L$	J		185526	GU070400G4SW20	GELC
Spring 4 Optimise Vice is in the second of	Spring 4	05/03/07	WG	UF	CS		Metals	SW-846:6010B	Aluminum		75.7			68	$\mu g/L$	J		185526	GU070400G4SW01	GELC
Spring 4 928/2005 WG UF CS Models WV-446/20108 Aurninum B2.3 B8 att, J 148288 GU05000745W01 GET. Spring 4 0503007 WC F CS Metala SW-446.50200 Arranic S.5 1.5 upt, U 188288 GF07MUCG45W01 GET. Spring 4 0502007 WC F CS Metala SW-446.5020 Arranic 6 0 0 0 0 15 upt, U 188288 GF07MUCG45W01 ETC String 4 0202050 WC F CS Metala SW-446.5020 Arranic 2.24 0 2.44 1.48828 GF070MOCG45W01 FETC String 4 050307 WC UF CS Metala SW-446.5020 Arranic 6 0 1.5 upt, 1 1.842.0 1 1.842.0 1 1.842.0 1 1.842.0 1	Spring 4	09/18/06	WG	UF	CS		Metals	SW-846:6010B	Aluminum	<	68			68	ua/l	Ŭ		172500	GU060900G4SW01	GELC
Spring 4 0509307 WG F CS Motion 6 1.5 apL 1 BigD J 1052800 Sprin 4 0509307 WG F CS Motion Strate St	Spring 4	09/26/05	WG	UF	CS		Metals	SW-846:6010B	Aluminum	-	82.3			68	ua/l	J		146889	GU05090G4SW01	GELC
Shring 4 OS0307 WG P CS Metals SW-44800138 Assenio c 6 6 agL U 173508 Gronopoods (3000) GE10 Spring 4 987104 WG F CS Metals SW-4660108 Assenio c 6 6 agL U 173508 Gronopoods (3000) GE10 Syring 4 908104 WG F CS Metals SW-4660108 Assenio c 2.24 2.24 agL U 163522 GF0000045WW1 GE10 Spring 4 050307 WG F CS Metals SW-4660108 Assenio 6.6 1.5 agL 1 163522 GF0000045WW1 GE10 Spring 4 050307 WG F CS Metals SW-4660108 Assenio 6.6 6 agL 1 14352 GF070400C4SWW1 GE10 Spring 4 050307 WG F CS Metals SW-4660108 Banum	Spring 4	05/03/07	WG	F	CS	FD	Metals	SW-846:6020	Arsenic		5			1.5	$\mu g/L$	J		185526	GF070400G4SW20	GELC
Spring 4 D021050 WG F CS Medials SW-4640100 Assamic 6 6 pdt U 172800 675000004549V01 GELC Spring 4 0022056 WG F CS Metalis SW-4665016 Arsamic <	Spring 4	05/03/07	WG	F	CS		Metals	SW-846:6020	Arsenic		5.5			1.5	$\mu \alpha / L$	-		185526	GF070400G4SW01	GELC
Spring 4 0022605 WG F CS Mutabs SV-448.8016 Arsenic 6 ndt U 14688 0750002459011 GEL Spring 4 100800 WG F CS Metals SV-448.8016 Arsenic 2.24 L2.4 L2.4 L2 L 18526 GF300002459011 GEL Spring 4 050307 WG UF CS Metals SV-4480020 Arsenic 6.9 1.5 L1.5 L1.6 L1 185256 GUU704004589010 GELC Spring 4 0611300 WG UF CS Metals SV-4480100 Arsenic 6 L1 L1 L1 L1 L1 L1 L1 L2 L1 L2 L1 L2 L1 L2 L1 L2 L2<	Spring 4	09/18/06	WG	F	CS		Metals	SW-846:6010B	Arsenic	<	6			6	$\mu \alpha / L$	U		172500	GF060900G4SW01	GELC
Spring 4 OM 1304 WG F CS Metals SW-486 50109 Arcenic < 2.24 U 127/12 [F004000458W01 GELC Spring 4 0050307 WG UF CS PD Metals SW-486 60708 Arcenic 6.5 1.5 IgAL H185526 GU070400645W01 GELC Spring 4 0050307 WG UF CS Metals SW-486 60708 Arcenic <	Spring 4	09/26/05	WG	F	CS		Metals	SW-846:6010B	Arsenic	<	6			6	ua/l	U		146889	GF05090G4SW01	GELC
Spring 4 Objection 2/24 2/24 g/gL U 98902 GrouppoddWorld GEL Spring 4 056307 WG UF CS PM Metriks SW-466020 Arsenic 5.5 1.5 µgL I 186526 GU70400045W001 GEL Spring 4 09370505 WG UF CS Metriks SW-4660200 Arsenic 6 6 0.9 µgL I 185266 GU70400045W001 GELC Spring 4 09370505 WG UF CS Metriks SW-4660106 Barum 44.5 1 µgL I 146526 GU70400045W001 GELC Spring 4 050307 WG F CS Metriks SW-4660106 Barum 44.5 1 µgL I 146526 GU70400045W01 GELC Spring 4 050307 WG F CS Metriks SW-4660106 Barum 44.5 1 µgL I 140000	Spring 4	09/13/04	WG	F	CS		Metals	SW-846:6010B	Arsenic	<	2.24			2.24	ua/l	U		121724	GF04090G4SW01	GELC
Spring 4 Obs0307 WG UF CS FD Metals SW-946.8020 Ansenic 5.5 1.5 gd, 1 198326 GU/074004548/W20 GELC Spring 4 09/307 WG UF CS Metals SW-946.60106 Ansenic 6 6 6 gd, 1 U 172500 GU/0000454W01 GELC Spring 4 09/2605 WG UF CS Metals SW-946.60106 Barum 4.9.9 1 u.gd, 1 185526 GF/074000454W01 GELC Spring 4 050307 WG F CS Metals SW-946.60106 Barum 39.6 1 u.gd, 1 185526 GF/074000454W01 GELC Spring 4 09/306 WG F CS Metals SW-946.60106 Barum 39.6 1 u.gd, 1 142889 GF06900045W01 GELC Spring 4 09/3040 WG F CS Metals SW-946.601005 Barum 39.6	Spring 4	10/06/03	WG	F	CS		Metals	SW-846:6010B	Arsenic	<	2.24			2.24	ua/l	U		89802	GF03080G4SW01	GELC
Spring 4 Optimized Direction E.5 I.5 apd. Instance E.5 Processor Burger All Stressor Burger All Stresor Burger All	Spring 4	05/03/07	WG	UF	CS	FD	Metals	SW-846:6020	Arsenic	-	6.9			1.5	ua/l	-		185526	GU070400G4SW20	GELC
Spring 4 Operation C F C C Metals SW-446 50108 Bartum 43.9 1 upd. 1 165262 GF704000C45W001 GE1C Spring 4 Op/2805 WG F C Metals SW-446 50108 Bartum 39.6 1 upd. 1 148989 GF070400C45W01 GE1C Spring 4 09/2205 WG F CS Metals SW-446 50108 Bartum 40.2 1 upd. 1 12/240 GF10400C45W01 GE1C Spring 4 05/3070 WG UF CS	Spring 4	05/03/07	WG	UF	CS		Metals	SW-846:6020	Arsenic		5.5			1.5	ug/L			185526	GU070400G4SW01	GELC
Spring 4 0922605 WG UP CS Metals SW-846.010B Barrun 4.3 Inst. <	Spring 4	09/18/06	WG	UF	CS		Metals	SW-846:6010B	Arsenic	<	6			6	ug/L	U		172500	GU060900G4SW01	GELC
Spring 4 08/04/07 WG F CS FD Metals SW-846/8010B Banum 4.9.9 F Badt F 198328 GF07/04/06/49/200 GELC Spring 4 09/10/06 WG F CS Metals SW-846/8010B Banum 38.6 1 Badt F F72500 GF069900645W01 GELC Spring 4 09/12/06 WG F CS Metals SW-846/8010B Banum 40.2 1 Badt F FF069900645W01 GELC Spring 4 09/12/06 WG F CS Metals SW-846/8010B Banum 40.8 0.222 Lp1 1 14/12 GF07/04/06/49/20 GELC Spring 4 56/0307 WG F CS Metals SW-846/8010B Banum 41.7 1 Lp1 1 14/12 1 14/12 1 14/12 1 14/12 1 14/12 1 14/12 1 14/12 14/12 14/1	Spring 4	09/26/05	WG	UF	CS		Metals	SW-846:6010B	Arsenic	<	6			6	ug/L	Ŭ		146889	GU05090G4SW01	GELC
Spring 4 0x8/307 WG F CS Metals SW-846:6010B Barlum 44.5 1 I_BQL 18926 EP0704000245W01 GEIC Spring 4 0912006 WG F CS Metals SW-846:6010B Barlum 39.6 1 I_BQL 172500 GF00000245W01 GEIC Spring 4 0912006 WG F CS Metals SW-946:6010B Barlum 39.8 0.222 I_BQL 12172/4 GF003000245W01 GEIC Spring 4 0040307 WG F CS Metals SW-946:6010B Barlum 40.8 0.222 I_BQL 12172/4 GF003000245W01 GEIC Spring 4 0050307 WG IF CS Metals SW-946:6010B Barlum 41.3 1 I_BQL 172500 GU00704000245W01 GEIC Spring 4 0951007 WG IF CS Metals SW-946:6010B Barlum 41.3 1 I_BQL 172500	Spring 4	05/03/07	WG	F	CS	FD	Metals	SW-846:6010B	Barium	-	43.9			1	ug/L	Ŭ		185526	GE070400G4SW20	GELC
Spring 4 Dir4 206 WG F CS Metals SW+448-0010B Barlum 30.6 I Ind. I </td <td>Spring 4</td> <td>05/03/07</td> <td>WG</td> <td>F</td> <td>CS</td> <td></td> <td>Metals</td> <td>SW-846:6010B</td> <td>Barium</td> <td></td> <td>44.5</td> <td></td> <td></td> <td>1</td> <td>ug/L</td> <td></td> <td></td> <td>185526</td> <td>GF070400G4SW01</td> <td>GELC</td>	Spring 4	05/03/07	WG	F	CS		Metals	SW-846:6010B	Barium		44.5			1	ug/L			185526	GF070400G4SW01	GELC
Spring 4 092805 WG F CS Metals SW-8465010B Barrum 40.2 1 Judi. 148898 CFC8900C45W01 CELC Spring 4 100603 WG F CS Metals SW-8465010B Barrum 40.6 0.222 Judi. 1 121724 GF03006C45W01 GELC Spring 4 100603 WG F CS Metals SW-8465010B Barrum 41.7 1 Judi. 1 18526 GU07400645W01 GELC Spring 4 09/2605 WG UF CS Metals SW-8465010B Barrum 41.3 1 Judi. 1 18526 GU07400645W01 GELC Spring 4 09/2605 WG UF CS Metals SW-8465010B Barrum 41.1 1 Judi. 1 18526 GU07400645W01 GELC Spring 4 050307 WG F CS Metals SW-8465010B Boron 21.6 10 <td>Spring 4</td> <td>09/18/06</td> <td>WG</td> <td>F</td> <td>CS</td> <td></td> <td>Metals</td> <td>SW-846:6010B</td> <td>Barium</td> <td></td> <td>39.6</td> <td></td> <td></td> <td>1</td> <td>ug/L</td> <td></td> <td></td> <td>172500</td> <td>GF060900G4SW01</td> <td>GELC</td>	Spring 4	09/18/06	WG	F	CS		Metals	SW-846:6010B	Barium		39.6			1	ug/L			172500	GF060900G4SW01	GELC
Spring 4 Op 1304 WG F CS Metals SW-846-8010B Banum 38.9 0.222 µµL 121724 GF04000C45W01 GELC Spring 4 1006/03 WG F CS Metals SW-846-8010B Banum 40.8 0.222 µµL 18525 GU070400645W01 GELC Spring 4 05/03/07 WG UF CS Metals SW-846-8010B Banum 41.7 1 µµL 18525 GU070400645W01 GELC Spring 4 06/03/07 WG UF CS Metals SW-846-6010B Banum 41.3 1 µµL 18526 GU070400645W01 GELC Spring 4 09/28/05 WG UF CS Metals SW-846-6010B Banum 41.1 1 µµL 148526 GF070400045W01 GELC Spring 4 05/03/07 WG F CS Metals SW-846-6010B Banum 21.6 10 µµL 148526 GF070400	Spring 4	09/26/05	WG	F	CS		Metals	SW-846:6010B	Barium		40.2			1	ug/L			146889	GF05090G4SW01	GELC
Spring 4 10/06/03 WG F CS Metals SW-846:6010B Barium 40.8 0.222 Ind_L 189802 GF03080G4SW01 GELC Spring 4 05/0307 WG UF CS FD Metals SW-846:6010B Barium 41.7 1 Ind/L 185526 GU070400G4SW02 GELC Spring 4 09/1206 WG UF CS Metals SW-846:6010B Barium 39 1 Ind/L 172500 GU000900G4SW01 GELC Spring 4 09/2005 WG UF CS Metals SW-846:6010B Barium 39 1 Ind/L 172500 GU000900G4SW01 GELC Spring 4 09/2007 WG F CS Metals SW-846:6010B Boron 21.6 10 Ind/L U 185526 GF070400G4SW01 GELC Spring 4 09/2007 WG F CS Metals SW-846:6010B Boron 21.1 4.88 Ind/L	Spring 4	09/13/04	WG	F	CS		Metals	SW-846:6010B	Barium		38.9			0.222	ug/L			121724	GF04090G4SW01	GELC
Spring 4 05/03/07 WG UF CS FD Metals S/V-446/0010B Barium 41.7 1 Impl_ 1 Impl_ </td <td>Spring 4</td> <td>10/06/03</td> <td>WG</td> <td>F</td> <td>CS</td> <td></td> <td>Metals</td> <td>SW-846:6010B</td> <td>Barium</td> <td></td> <td>40.8</td> <td></td> <td></td> <td>0.222</td> <td>ug/L</td> <td></td> <td></td> <td>89802</td> <td>GF03080G4SW01</td> <td>GELC</td>	Spring 4	10/06/03	WG	F	CS		Metals	SW-846:6010B	Barium		40.8			0.222	ug/L			89802	GF03080G4SW01	GELC
Spring 4 05/03/07 WC UF CS Metals SW-846:60108 Barium 41:3 1 Ind/L 185526 GU070400G4SW01 GELC Spring 4 09/20/60 WG UF CS Metals SW-846:60108 Barium 39 1 Ind/L 145626 GU000900G4SW01 GELC Spring 4 09/20/60 WG UF CS Metals SW-846:60108 Barium 41:1 1 Ind/L 146898 GU000900G4SW01 GELC Spring 4 09/20/05 WG F CS Metals SW-846:60108 Boron 22:6 10 Ind/L 146899 GF00300C4SW01 GELC Spring 4 09/20/50 WG F CS Metals SW-846:60108 Boron 22:6 10 Ind/L J 146899 GF00300C4SW01 GELC Spring 4 09/20/05 WG F CS Metals SW-846:60108 Boron 21:1 4.88 Ind/L	Spring 4	05/03/07	WG	UF	CS	FD	Metals	SW-846:6010B	Barium		41 7			1	ug/L			185526	GU070400G4SW20	GELC
Spring 4 Op/18/06 WG UF CS Metals SW-846:0010B Barlum 39 1 100/L 172500 GU000900G4SW01 GELC Spring 4 09/26/05 WG UF CS Metals SW-846:010B Barlum 41.1 1 ug/L 148289 GU000900G4SW01 GELC Spring 4 05/03/07 WG F CS Metals SW-846:010B Boron 22.6 10 ug/L J 18526 GF070400G4SW01 GELC Spring 4 09/18/06 WG F CS Metals SW-846:6010B Boron 22.6 10 ug/L J 18526 GF070400G4SW01 GELC Spring 4 09/18/06 WG F CS Metals SW-846:6010B Boron 10 ug/L J 148889 GF05090C4SW01 GELC Spring 4 09/13/04 WG F CS Metals SW-846:6010B Boron 21.1 4.88 ug/L	Spring 4	05/03/07	WG	UF	CS		Metals	SW-846:6010B	Barium		41.3			1	ug/L			185526	GU070400G4SW01	GELC
Spring 4 09/26/05 WG UF CS Metals SW-846:0010B Barium 41.1 1 µµ/L 148889 GU0509064SW01 GELC Spring 4 05/03/07 WG F CS FD Metals SW-846:0010B Boron 21.6 10 µµ/L J 185526 GF07040064SW01 GELC Spring 4 09/18/06 WG F CS Metals SW-846:010B Boron 22.6 10 µµ/L U 112500 GF0060900G4SW01 GELC Spring 4 09/18/06 WG F CS Metals SW-846:010B Boron 117.9 10 µµ/L U 121724 GF004900G4SW01 GELC Spring 4 09/13/04 WG F CS Metals SW-846:010B Boron 21.1 4.88 µµ/L U 121724 GF00300G4SW01 GELC Spring 4 10/06/03 WG F CS Metals SW-846:010B Boron	Spring 4	09/18/06	WG	UF	CS		Metals	SW-846:6010B	Barium		39			1	ug/L			172500	GU060900G4SW01	GELC
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Spring 4	09/26/05	WG	UF	CS		Metals	SW-846:6010B	Barium		41 1			1	ug/L			146889	GU05090G4SW01	GELC
Display <	Spring 4	05/03/07	WG	F	CS	FD	Metals	SW-846:6010B	Boron		21.6			10	ug/L	J		185526	GE070400G4SW20	GELC
Spring 4 09/18/06 WG F CS Metals SW-846.6010B Boron < 10 µg/L U UJ 172500 GF060000G4SW01 GELC Spring 4 09/26/05 WG F CS Metals SW-846.6010B Boron 17.9 10 µg/L J 146889 GF05090G4SW01 GELC Spring 4 09/26/05 WG F CS Metals SW-846.6010B Boron <	Spring 4	05/03/07	WG	F	CS		Metals	SW-846:6010B	Boron		22.6			10	ug/L	J		185526	GF070400G4SW01	GELC
Display <	Spring 4	09/18/06	WG	F	CS		Metals	SW-846:6010B	Boron	<	10			10	μ <u>α</u> /Ι	Ŭ	U.J	172500	GF060900G4SW01	GELC
Dring 4 Op/13/04 WG F CS Metals SW-846:6010B Boron 110 14.88 $\mu g/L$ J U 121724 GP04090G4SW01 GELC Spring 4 10/06/03 WG F CS Metals SW-846:6010B Boron 16.5 4.88 $\mu g/L$ J 185526 GU070400G4SW01 GELC Spring 4 05/03/07 WG UF CS Metals SW-846:6010B Boron 20.9 10 $\mu g/L$ J 185526 GU070400G4SW01 GELC Spring 4 09/18/06 WG UF CS Metals SW-846:6010B Boron 11.1 10 $\mu g/L$ J 185526 GU070400G4SW01 GELC Spring 4 09/18/06 WG UF CS Metals SW-846:6010B Boron 17.9 10 $\mu g/L$ J 146889 GU05090G4SW01 GELC Spring 4 09/26/05 WG UF CS	Spring 4	09/26/05	WG	F	CS		Metals	SW-846:6010B	Boron	-	17.9			10	μ <u>α</u> /Ι	J	00	146889	GF05090G4SW01	GELC
pring 1 00/06/03 WG F CS Metals SW-846:6010B Boron 16.5 4.88 $\mu g/L$ B U 89802 GF03080G4SW01 GELC Spring 4 05/03/07 WG UF CS FD Metals SW-846:6010B Boron 20.9 10 $\mu g/L$ J 185526 GU070400G4SW01 GELC Spring 4 05/03/07 WG UF CS Metals SW-846:6010B Boron 19.1 10 $\mu g/L$ J 185526 GU070400G4SW01 GELC Spring 4 05/03/07 WG UF CS Metals SW-846:6010B Boron 17.9 10 $\mu g/L$ J 146889 GU05090G4SW01 GELC Spring 4 09/26/05 WG UF CS Metals SW-846:6010B Boron 3.4 1 $\mu g/L$ 146889 GU05090G4SW01 GELC Spring 4 05/03/07 WG F CS Metals SW-846:6010B Chromium 3.4 1 $\mu g/L$ 146889 GF070400G4SW01	Spring 4	09/13/04	WG	F	CS		Metals	SW-846:6010B	Boron	<	21.1			4 88	μ <u>α</u> /Ι	J	U	121724	GF04090G4SW01	GELC
Descripting Descripting <thdescripting< th=""> <thdescripting< th=""></thdescripting<></thdescripting<>	Spring 4	10/06/03	WG	F	CS		Metals	SW-846:6010B	Boron	<	16.5			4 88	μ <u>α</u> /Ι	B	Ŭ	89802	GF03080G4SW01	GELC
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Spring 4	05/03/07	WG	UF	CS	FD	Metals	SW-846:6010B	Boron		20.9			1.00	ug/L		Ŭ	185526	GU070400G4SW20	GELC
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Spring 4	05/03/07	WG	UF	CS		Metals	SW-846:6010B	Boron		19.1			10	ug/L			185526	GU070400G4SW01	GELC
Spring 4Ob/26/05WGUFCSMetalsSW-846:6010BBoron17.910 $\mu g/L$ J146889GU0509064SW01GELCSpring 405/03/07WGFCSMetalsSW-846:6020Chromium3.41 $\mu g/L$ 185526GF070400G4SW20GELCSpring 405/03/07WGFCSMetalsSW-846:6020Chromium3.51 $\mu g/L$ 185526GF070400G4SW20GELCSpring 409/18/06WGFCSMetalsSW-846:6020Chromium3.51 $\mu g/L$ U172500GF060900G4SW01GELCSpring 409/18/06WGFCSMetalsSW-846:6010BChromium3.31 $\mu g/L$ U172500GF060900G4SW01GELCSpring 409/13/04WGFCSMetalsSW-846:6010BChromium3.20.503 $\mu g/L$ J146889GF05090G4SW01GELCSpring 409/13/04WGFCSMetalsSW-846:6010BChromium3.20.503 $\mu g/L$ J121724GF04090G4SW01GELCSpring 405/03/07WGUFCSMetalsSW-846:6020Chromium3.20.503 $\mu g/L$ BU89802GF03080G4SW01GELCSpring 405/03/07WGUFCSMetalsSW-846:6020Chromium3.21 $\mu g/L$ 185526GU070400G4SW01GELCSp	Spring 4	09/18/06	WG	UF	CS		Metals	SW-846:6010B	Boron	<	10.1			10	ug/L	Ŭ	U.I	172500	GU060900G4SW01	GELC
Spring 4OS/2010WGFCSFDMetalsOW 000000000000000000000000000000000000	Spring 4	09/26/05	WG		CS		Metals	SW-846:6010B	Boron		17.9			10	ug/L	U U	00	146889	GU05090G4SW01	GELC
Spring 4 05/03/07 WG F CS Metals SW-846:6020 Chromium 3.5 1 $\mu g/L$ U 17500 GF06000G4SW01 GELC Spring 4 09/18/06 WG F CS Metals SW-846:6020 Chromium 3.5 1 $\mu g/L$ U 175500 GF060900G4SW01 GELC Spring 4 09/18/06 WG F CS Metals SW-846:6020 Chromium 3.3 1 $\mu g/L$ U 172500 GF060900G4SW01 GELC Spring 4 09/26/05 WG F CS Metals SW-846:6010B Chromium 3.3 1 $\mu g/L$ U 172500 GF060900G4SW01 GELC Spring 4 09/26/05 WG F CS Metals SW-846:6010B Chromium 3.2 0.503 $\mu g/L$ J 12124 GF04090G4SW01 GELC Spring 4 10/06/03 WG F CS Metals SW-846:6010B Chromium 3.2 0.503 $\mu g/L$ 18526 GU070400G4SW01 GELC <td>Spring 4</td> <td>05/03/07</td> <td>WG</td> <td>F</td> <td>CS</td> <td>FD</td> <td>Metals</td> <td>SW-846:6020</td> <td>Chromium</td> <td></td> <td>3.4</td> <td></td> <td></td> <td>1</td> <td>ug/L</td> <td>Ŭ</td> <td></td> <td>185526</td> <td>GE070400G4SW20</td> <td>GELC</td>	Spring 4	05/03/07	WG	F	CS	FD	Metals	SW-846:6020	Chromium		3.4			1	ug/L	Ŭ		185526	GE070400G4SW20	GELC
Spring 1 $00/00/01$ WG F CS Metals $SW-846:6020$ Chromium< 6.1 1 $\mu g/L$ U 172500 $GF060900G4SW01$ $GELC$ Spring 4 $09/26/05$ WGFCSMetals $SW-846:6010B$ Chromium 3.3 1 $\mu g/L$ J 146889 $GF05090G4SW01$ $GELC$ Spring 4 $09/13/04$ WGFCSMetals $SW-846:6010B$ Chromium 3.2 0.503 $\mu g/L$ J 121724 $GF04090G4SW01$ $GELC$ Spring 4 $09/13/04$ WGFCSMetals $SW-846:6010B$ Chromium 3.2 0.503 $\mu g/L$ J 121724 $GF04090G4SW01$ $GELC$ Spring 4 $10/06/03$ WGFCSMetals $SW-846:6010B$ Chromium < 2.5 0.503 $\mu g/L$ BU 89802 $GF03080G4SW01$ $GELC$ Spring 4 $05/03/07$ WGUFCSMetals $SW-846:6020$ Chromium 4.1 1 $\mu g/L$ 185526 $GU070400G4SW01$ $GELC$ Spring 4 $05/03/07$ WGUFCSMetals $SW-846:6020$ Chromium 3.2 1 $\mu g/L$ 185526 $GU070400G4SW01$ $GELC$ Spring 4 $05/03/07$ WGUFCSMetals $SW-846:6020$ Chromium 3.2 1 $\mu g/L$ 185526 $GU070400G4SW01$ $GELC$ Spring 4 $09/18/06$ WGUFCSMetals $SW-846:6020$ Chromium<	Spring 4	05/03/07	WG	F	CS		Metals	SW-846:6020	Chromium		3.5			1	ug/L			185526	GF070400G4SW01	GELC
Spring 409/26/05WGFCSMetalsSW-846:6010BChromium3.31 $\mu g/L$ J146889GF05090G4SW01GELCSpring 409/13/04WGFCSMetalsSW-846:6010BChromium3.20.503 $\mu g/L$ J121724GF04090G4SW01GELCSpring 410/06/03WGFCSMetalsSW-846:6010BChromium3.20.503 $\mu g/L$ BU89802GF03080G4SW01GELCSpring 405/03/07WGUFCSMetalsSW-846:6020Chromium4.11 $\mu g/L$ 185526GU070400G4SW01GELCSpring 405/03/07WGUFCSMetalsSW-846:6020Chromium3.21 $\mu g/L$ 185526GU070400G4SW01GELCSpring 405/03/07WGUFCSMetalsSW-846:6020Chromium3.21 $\mu g/L$ 185526GU070400G4SW01GELCSpring 405/03/07WGUFCSMetalsSW-846:6020Chromium3.21 $\mu g/L$ 185526GU070400G4SW01GELCSpring 409/18/06WGUFCSMetalsSW-846:6020Chromium3.21 $\mu g/L$ 1185526GU070400G4SW01GELCSpring 409/18/06WGUFCSMetalsSW-846:6020Chromium3.21 $\mu g/L$ 112500GU060900G4SW01GELC	Spring 4	09/18/06	WG	İF	CS		Metals	SW-846:6020	Chromium	<	6.1	1		1	μg/L μα/l		U	172500	GF060900G4SW01	GELO
Spring 409/13/04WGFCSMetalsSW-846:6010BChromium3.20.503 $\mu g/L$ J121724GF04090G4SW01GELCSpring 410/06/03WGFCSMetalsSW-846:6010BChromium<	Spring 4	09/26/05	WG	F	CS	1	Metals	SW-846:6010B	Chromium	1	3.3	1		1	μg/L μg/l	1.1	Ĭ	146889	GF05090G4SW01	GELC
Spring 410/06/03WGFCSMetalsSW-846:6010BChromium<2.50.503 $\mu g/L$ BU89802GF03080G4SW01GELCSpring 405/03/07WGUFCSFDMetalsSW-846:6020Chromium4.11 $\mu g/L$ U185526GU070400G4SW01GELCSpring 405/03/07WGUFCSMetalsSW-846:6020Chromium3.21 $\mu g/L$ U185526GU070400G4SW01GELCSpring 409/18/06WGUFCSMetalsSW-846:6020Chromium3.21 $\mu g/L$ U172500GU060900G4SW01GELC	Spring 4	09/13/04	WG	IF	CS	1	Metals	SW-846:6010B	Chromium	+	3.2	1		0.503	ug/L	Ŭ	1	121724	GE04090G4SW/01	GELC
Spring 405/03/07WGUFCSFDMetalsSW-846:6020Chromium4.11 $\mu g/L$ 1 $\mu g/L$ 185526GU070400G4SW01GELCSpring 405/03/07WGUFCSMetalsSW-846:6020Chromium3.21 $\mu g/L$ 185526GU070400G4SW01GELCSpring 409/18/06WGUFCSMetalsSW-846:6020Chromium3.21 $\mu g/L$ U172500GU060900G4SW01GELC	Spring 4	10/06/03	WG	İF	CS		Metals	SW-846:6010B	Chromium	<	2.5	1		0.503	μg/L	B	U	89802	GF03080G4SW/01	GFLO
$\frac{1}{1} + \frac{1}{1} Spring 4	05/03/07	WG	UF	CS	FD	Metals	SW-846:6020	Chromium		4 1	1		1	μg/L		Ĭ	185526	GU070400G4SW/20	GFLO	
Spring 4 $09/18/06$ WG UF CS Metals SW-846:6020 Chromium < 6.2 1 1 100020 100020 GU060900G4SW01 GELC	Spring 4	05/03/07	WG	UF	CS		Metals	SW-846:6020	Chromium	+	32	1		1	ug/L			185526	GU070400G4SW01	GELO
	Spring 4	09/18/06	WG	UF	cs		Metals	SW-846:6020	Chromium	<	6.2	1		1	μ <u>α</u> /Ι	<u> </u>	U	172500	GU060900G4SW01	GELC

								Analytical Results		[1		ſ	1	1				T
Location	Date	Field Matrix	Field	Lab Sample	Field QC	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	ΜΠΔ	мп	Units	Lab	2nd Qual	Request	Sample	Lah
Spring 4	09/26/05	WG		CS	Type	Metals	SW-846:6010B	Chromium	Gymbol	29		IIIDA	1		J	Quui	146889	GU05090G4SW01	GELC
Spring 4	09/18/06	WG	F	CS		Metals	SW-846:6010B	Iron	<	18			18	µg/∟	U U		172500	GE060900G4SW01	GELC
Spring 4	09/26/05	WG	F	CS		Metals	SW-846:6010B	Iron	~	18			18	ug/L	10		146889	GF05090G4SW01	GELC
Spring 4	09/13/04	WG	F	CS		Metals	SW-846:6010B	Iron	~	12.6			12.6	µg/∟			121724	GF04090G4SW01	GELC
Spring 4	10/06/03	WG	F	CS		Metals	SW-846:6010B	Iron	~	12.0			12.0	µg/∟			80802	GF03080G4SW01	GELC
Spring 4	05/03/07	WG		CS	FD	Metals	SW-846:6010B	Iron	-	60.5			12.0	ug/L	U U		185526	GLI070400G4SW20	GELC
Spring 4	05/03/07	WG		CS		Metals	SW-846:6010B	Iron		71 1			18	ug/L	Ŭ		185526	GU070400G4SW01	GELC
Spring 4	09/18/06	WG		CS		Metals	SW-846:6010B	Iron		33.5			18	ug/L	Ŭ		172500	GU060900G4SW01	GELC
Spring 4	09/26/05	WG		CS		Metals	SW-846:6010B	Iron		57.8			18	µg/L	Ŭ.		146889	GU05090G4SW01	GELC
Spring 4	05/03/07	WG	F	CS		Metals	SW-846:6010B	Molybdenum		24			2	µg/L	Ŭ.		185526	GE070400G4SW01	GELC
Spring 4	09/18/06	WG	F	<u>CS</u>		Metals	SW-846:6010B	Molybdenum		2.4			2	µg/∟	J 11		172500	GF060000G4SW01	
Spring 4	09/16/05	WG	F	<u>CS</u>		Metals	SW-846:6010B	Molybdenum	~	2			2	µg/∟			1/6880	GF05000G4SW01	
Spring 4	09/20/03	WG	F	<u>CS</u>		Metals	SW-846:6010B	Molybdenum	<u> </u>	17			2 1 / 3	µg/∟	1		121724	GF04000G4SW01	
Spring 4	10/06/03	WG	F	<u>CS</u>		Metals	SW-846:6010B	Molybdenum		1.7			1.43	µg/∟	J 11		80802	GF03080G4SW01	
Spring 4	00/18/06	WG		<u>CS</u>		Metals	SW-846:6010B	Molybdenum	~	2			2	µg/∟			172500	GLI060900C4SW01	
Spring 4	09/16/06	WG		CS		Motolo	SW-846:6010B	Molybdenum	<	2			2	µg/∟			1/2000	GU000900G43W01	
Spring 4	05/03/07	WG		CS		Motolo	SW-846:6020	Nickol	<u>`</u>	2			2	µg/∟	1		195526	GE070400G4SW01	
Spring 4	05/03/07	WG		CS		Motolo	SW-846:6020	Nickel		0.05			0.5	µg/∟	J 1		195526	GE070400G4SW20	
Spring 4	00/18/06	WG		CS		Motolo	SW-846:6020	Nickel		0.07			0.5	µg/∟	J 1		172500	GE060000G4SW01	
Spring 4	09/16/06	WG		CS		Motolo	SW-846:6020	Nickel		0.52			0.5	µg/∟	J 1		1/2000	GE05000G4SW01	
Spring 4	09/20/03	WG		CS		Motolo	SW-846:6010B	Nickel	-	0.00			0.5	µg/∟	J 11		121724	GF04000G4SW01	
Spring 4	10/06/02	WC				Motolo	SW-040.0010D	Nickel	<	0.09			0.09	µg/L	D D		00002	GF04090G43W01	
Spring 4	05/02/07	WC				Motolo	SW-040.0010D	Nickel		0.707			0.09	µg/L		0	195526		
Spring 4	05/03/07	WC			ΓU	Motolo	SW-040.0020	Nickel		0.70			0.5	µg/L	J		105520	GU070400G43W20	
Spring 4	00/18/06	WG		CS		Motols	SW-846:6020	Nickel		0.00			0.5	μg/L	J		172500	GU070400G43W01	
Spring 4	09/16/06	WG		CS		Motols	SW-846:6020	Nickel		0.55			0.5	μg/L	J		1/2000	GU000900G43W01	
Spring 4	05/03/07	WG		CS		Motolo	SW-846:6020	Silvor		0.72			0.3	µg/∟	J 1		195526	GE070400G4SW01	
Spring 4	00/19/06	WC			ΓU	Motolo	SW-040.0020	Silver	-	0.20			0.2	µg/L	J		172500	GF070400G43W20	
Spring 4	09/16/06	WC				Motolo	SW-040.0020	Silver	<	0.2			0.2	µg/L			1/2000	GF000900G43W01	
Spring 4	09/20/05	WC				Motolo	SW-040.0020	Silver	<	0.2			0.2	µg/L			140009	GF05090G45W01	
Spring 4	10/06/02	WC				Motolo	SW-040.0010D	Silver	<	0.000			0.035	µg/L			00002	GF04090G43W01	
Spring 4	10/00/03	WC				Motolo	SW-040.0010D	Silver	<	0.000			0.035	µg/L			172500		
Spring 4	09/16/06	WC				Motolo	SW-040.0020	Silver	<	0.2			0.2	µg/L			1/2000	GU000900G43W01	
Spring 4	09/20/05	WC				Motolo	SW-040.0020	Strontium		124			1	µg/L	0		140009	CE070400C4SW01	
Spring 4	05/03/07	WG				Metals	SW-640.0010B	Strontium		104			1	µg/L	-		105520	GF070400G4SW20	
Spring 4	00/18/06	WG				Metals	SW-646.6010B	Strontium		130			1	µg/L	-		100020	GF070400G4SW01	
Spring 4	09/16/06	WG				Metals	SW-646.6010B	Strontium		129			1	µg/L	-		172300	GF060900G4SW01	
Spring 4	09/20/05	WG				Metals	SW-646.6010B	Strontium		130			0 170	µg/L	-		140009	GF05090G4SW01	
Spring 4	10/06/02	WG				Metals	SW-646.6010B	Strontium		124			0.170	µg/L	-		121724	GF04090G4SW01	
Spring 4	10/00/03	WG				Metals	SW-040.0010D	Strontium		132			0.170	µg/∟	+	-	0900Z	GF03060G43W01	
Spring 4	05/03/07	WG			ΓU	Metals	SW-646.6010B	Strontium		120			1	µg/L	-		100020	GU070400G43W20	
Spring 4	05/03/07	WG				Metals	SW-846:6010B	Strontium		127			1	μg/L			180020	GU070400G4SW01	
Spring 4	09/18/06	WG				Metals	SW-846:6010B	Strontium		129			1	μg/L			172500	GU060900G457701	
Spring 4	05/02/07	WC				Motele	SW-040:0010B			1.0			0.05	μg/L			140009		
Spring 4	05/03/07	WG					SVV-840:6020			1.2			0.05	μg/L	-		100020		
Spring 4	05/03/07	WG					SVV-840:6020			1.1			0.05	μg/L	-		100020		
Spring 4	09/18/06	WG					SVV-840:6020						0.05	μg/L	-		1/2000		GELC
Spring 4	09/26/05	WG					SVV-846:6020			0.90			0.05	μg/L	-		140009		
Spring 4	10/00/02	WG					SVV-846:6020			0.97			0.02	μg/L	-		121/24		
Spring 4	10/06/03	WG					SVV-846:6020			1.05			0.02	μg/L			89802		
Spring 4	10/06/03	WG					SVV-846:6020			1.05			0.02	μg/L	+		89802		
Spring 4	05/03/07	WG	UF	US	IFD	ivietals	577-846:6020	Uranium		1.2	1		0.05	μg/L	1	1	185526	GUU70400G4SW20	IGELC

Lacation Print Insol Space Number Andrew Print State S									Analytical Results							1	1			
Symp.4 Profile Org. Dec.	Location	Date	Field Matrix	Field	Lab Sample	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Sping 4 OP1095 VG UP DS Methics SR4-46 (20) Optimum 11 Optimum	Spring 4	05/03/07	WG	UF	CS	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Metals	SW-846:6020	Uranium		1.3			0.05	ua/l			185526	GU070400G4SW01	GELC
Spirng 4 Object 8 Vol UP CS Memine Winder Mann 11 D D.85 apple Hease Duration of the constraints Symp 4 052.027 V/C CS P Memine Winder Mann 10.0 1 apple 1 1 1 10000 1 1 10000 1 1 1 10000 1 1 10000 1	Spring 4	09/18/06	WG	UF	CS		Metals	SW-846:6020	Uranium		1.2			0.05	µg/⊑ µa/l			172500	GU060900G4SW01	GELC
Sping 4 65017 VG P CS PD Meake Swide 60100 Variation 10.4 I adk I 10520 VIC 11 adk I 105200 VIC 11 Ind I Ind I 11 Ind I 110200 VIC IC	Spring 4	09/26/05	WG	UF	CS		Metals	SW-846:6020	Uranium		1.1			0.05	µg/⊑ µa/l			146889	GU05090G4SW01	GELC
Sping 4 Observed P CS Meanine Wardsamm Ind nd	Spring 4	05/03/07	WG	F	CS	FD	Metals	SW-846:6010B	Vanadium		10.4			1	µg/⊑ µa/l		J+	185526	GF070400G4SW20	GELC
Shring 4 Off-Note P CS Metals SW-4484-00100 Vanoshum B.8 I I Ind. I Ind.S Ind.S <td>Spring 4</td> <td>05/03/07</td> <td>WG</td> <td>F</td> <td>CS</td> <td></td> <td>Metals</td> <td>SW-846:6010B</td> <td>Vanadium</td> <td></td> <td>10.8</td> <td></td> <td></td> <td>1</td> <td>μg/L</td> <td></td> <td>J+</td> <td>185526</td> <td>GF070400G4SW01</td> <td>GELC</td>	Spring 4	05/03/07	WG	F	CS		Metals	SW-846:6010B	Vanadium		10.8			1	μg/L		J+	185526	GF070400G4SW01	GELC
Sering 4 09/26/06 PC PS Metale SV 446/01/08 Variation 8.7 Image 1 add. Image Priorbox 40000 ge1 Sering 4 01/2010 WG F CS Metale SW 446/01/06 Variation 6.7 0.0000 add. L21214 CP000003469/010 GE1. Sering 4 01/2010 WG F CS Metale SW 446/01/08 Variation 7.5 1 add. L L21214 GE000003489/01 GE1. Sering 4 00/2010 Variation R.5 1 add. L L22000 VG0 L20000000499/01 GE1. Sering 4 Out 120000 Variation R5. L L2 Add. L L2000000499/01 GE1. Sering 4 Out 1200000 Sering 4 Out 12000000499/01 GE1. Sering 4 Out 12000000499/01 GE1.	Spring 4	09/18/06	WG	F	CS		Metals	SW-846:6010B	Vanadium		8.8			1	µg/⊑ µa/l			172500	GF060900G4SW01	GELC
Shorng 4 D017 304 VPG F CS3 Metale SV 44600108 Variation B,7 D0000 upc D01704 VPG D0000 upc D00000 Upc D00000 Upc D00000 Upc D00000 <thd00000< th=""> Upc D00000000000000000000</thd00000<>	Spring 4	09/26/05	WG	F	CS		Metals	SW-846:6010B	Vanadium		8.7			1	µg/⊑ µa/l			146889	GF05090G4SW01	GELC
Siming 4 1000003 WG F CSS Meedle SW-Ad4601010 Yumunuuu 10.5 I ppin ppin<	Spring 4	09/13/04	WG	F	CS		Metals	SW-846:6010B	Vanadium		8.7			0.606	ua/L			121724	GF04090G4SW01	GELC
Spring 4 Obs0007 WG UF CS PD Metals SW-446-00108 Vanadum 9.6 1 a.gl. H 105:00 CurveCordSVVV GEL Spring 4 067037 WG UF CS Metals SW-446:00108 Vanadum 8.6 1 a.gl. H 105:00 GU000000000000000000000000000000000000	Spring 4	10/06/03	WG	F	CS		Metals	SW-846:6010B	Vanadium		9.76			0.606	$\mu q/L$			89802	GF03080G4SW01	GELC
Spring 4 Oxi3317 Wrb UF CS Meales Wr4/46 80106 Varaalum 9.8 1 pdt. I= Pissas Clurity 000C45WI GEL Spring 4 067860 W3 UF CS Meales Wr4/460106 Varaalum 8.8 1 usb. 1 1200 GU00000C45WI GEL Spring 4 067805 W3 UF CS Meales Wr4/460106 Zaraalum 8.8 1 usb. 1 1200 GU0000C45WI GEL Spring 4 067805 W3 F CS Meales Wr4/460106 Zara 6 0 0.883 µd. 1 1000603 V1 1000603 V1 1000603 V1 1000603 V1 1000603 V1 1000603 V1 1000003 V1 1000003 V1 1000003 V1 1000003 V1 1000003 V1 100003 V1 1000030 V1 1000030 V1 1000030	Spring 4	05/03/07	WG	UF	CS	FD	Metals	SW-846:6010B	Vanadium		10.5			1	$\mu q/L$		J+	185526	GU070400G4SW20	GELC
Spring 4 Opat Note UF CS Meade SW-466 B010B Variantium S é In	Spring 4	05/03/07	WG	UF	CS		Metals	SW-846:6010B	Vanadium		9.8			1	$\mu q/L$		J+	185526	GU070400G4SW01	GELC
Spring 4 Operations West SW-448ex0104 Canadian Image	Spring 4	09/18/06	WG	UF	CS		Metals	SW-846:6010B	Vanadium		8.6			1	μg/= μα/L			172500	GU060900G4SW01	GELC
	Spring 4	09/26/05	WG	UF	CS		Metals	SW-846:6010B	Vanadium		8.8			1	μ <u>α/</u> Ι			146889	GU05090G4SW01	GELC
Spring 4 Derifields WG F CS Metalis SW-4966.0016 Zanc E L U 122000 CPR00000010 GFL Spring 4 009/1304 WG F CS Metalis SW-4966.0108 Znnc 6.8 0.833 upt_ U 112724 GF40000045W01 GFL Spring 4 0001000 WG F CS Metalis SW-49600108 Znnc <	Spring 4	05/03/07	WG	F	CS		Metals	SW-846:6010B	Zinc		2.4			2	μ <u>α/</u> Ι	J		185526	GF070400G4SW01	GELC
Sonng 4 Diargeoids Web 7 CS Metals SV-486-00108 Zonc 2 Lud U 148888 EPODOBIOC458W01 CELC Spring 4 0047304 WG F CS Metals SV-486-00108 Znc 0.83 Lud U V12724 GF000000458W01 GELC Spring 4 0047806 WG U CS Metals SV-486-00108 Znc <	Spring 4	09/18/06	WG	F	CS		Metals	SW-846:6010B	Zinc	<	5.6			2	μ <u>α/</u> Ι	J	U	172500	GF060900G4SW01	GELC
Spring 4 Op/13/4 Weils SW-486 6010B Zinc B.6 D.883 U.0. 17/174 EPG4090645W01 CEL Spring 4 001/1000 WG F C.S Metals SW-486 0010B Zinc <	Spring 4	09/26/05	WG	F	CS		Metals	SW-846:6010B	Zinc	<	2			2	μg/L μα/l	Ŭ	<u> </u>	146889	GF05090G4SW01	GELC
Spring 4 1006003 WG F CS Metals SW-94660106 Zinc 0.883 pring 4 0.983 pring 4 0.983 pring 4 0.983 pring 4 0.983 pring 4 0.92606 WG UF CS Metals SW-94660106 Zinc 2 µgL J U 14888 CU05600-04500 VIC CS PD Red LEE Titum Red LEE Titum 7.40776 0.06779 0.2877 PC/L L 2337 UU0740004548900 UMT Spring 4 0693070 WG UF CS Rad LEE Titum 7.40776 0.06779 0.2877 PC/L L 2337 UU0740004548900 UMT Spring 4 0.991806 WG UF CS Rad LEE Titum 9.2327 26 253 PC/L U 14982 UU0740004548900 UMT Spring 4 0.991804 WG U U177255 CU080004589001 WG	Spring 4	09/13/04	WG	F	CS		Metals	SW-846:6010B	Zinc		6.6			0.883	μ <u>α/</u> Ι	<u> </u>		121724	GF04090G4SW01	GELC
Spring 4 OP/1906 WG UF CS Metals SW-846:0106 Zinc 4 6 2 ind. J U 172200 GU00900045W01 GELC Spring 4 0620307 WG UF CS PD Rad LEE Tritum Ref 46 0.08770 0.21737 PC/L L 2337 UU07040045W01 MMT. Spring 4 06/0307 WG UF CS Rad LEE Tritum R.3373 0.08770 0.2177 PC/L L 2237 UU07040045W01 MMT. Spring 4 00/2805 WG UF CS Rad LEE Tritum R.33373 0.08770 2.017. PC/L U 12725 GU04900549W01 GELC Spring 4 00/304 WG UF CS Rad LEE Tritum R.33373 0.28737 PC/L U 12725 GU04900549W01 MT. Spring 41 10.0603 WG UF CS	Spring 4	10/06/03	WG	F	CS		Metals	SW-846:6010B	Zinc	<	0.883			0.883	μ <u>α/</u> Ι	U	UJ	89802	GF03080G4SW01	GELC
Spring 4 0926/065 WG UF CS Network Switz 460016 Zin C 2 aut U U 44888< Guideson Spring 4 050307 WG UF CS P Rad LEE Tritum Z40776 0.08773 DC/L Z337 UU074000458W01 UMT. Spring 4 050307 WG UF CS Rad LEE Tritum Z40776 0.08773 DC/L Z337 UU074000458W01 UMT. Spring 4 0978006 WG UF CS Rad EPA.908.0 Tritum 92.7 28 28.9 PC/L U U104888 GU048900C458W01 GEV Spring 4 097304 WG UF CS Rad LEE Tritum 9.2356 0.19683 0.28737 PC/L U 142889 GU048900C458W01 GEV Spring 4.1 0.00603 WG UF CS Rad LEE Tritum 9.23256 0.19685	Spring 4	09/18/06	WG	UF	CS		Metals	SW-846:6010B	Zinc	<	4.6			2	µg/⊑ uɑ/l	J	U	172500	GU060900G4SW01	GELC
Spring 4 050307 WG UF CS PD Rad LLEE Thum Add 44 0.09679 0.2877 C/L Z Z C/L Z Z C/L Z Z Z C/L Z Z Z C/L Z Z Z C/L U 14888 G/L U	Spring 4	09/26/05	WG	UF	CS		Metals	SW-846:6010B	Zinc	<	2.3			2	µg/⊑ ug/l	J	U	146889	GU05090G4SW01	GELC
Spring 4 Descuent PAO/TR Descuent PAO/TR Descuent PAO/TR Descuent Descuent <thdescuent< th=""> <thdescuent< th=""> <thdesc< td=""><td>Spring 4</td><td>05/03/07</td><td>WG</td><td>UF</td><td>CS</td><td>FD</td><td>Rad</td><td></td><td>Tritium</td><td></td><td>8 46145</td><td>0 09579</td><td>0 28737</td><td></td><td>nCi/l</td><td>Ű</td><td><u> </u></td><td>2337</td><td>UU070400G4SW20</td><td>UMTI</td></thdesc<></thdescuent<></thdescuent<>	Spring 4	05/03/07	WG	UF	CS	FD	Rad		Tritium		8 46145	0 09579	0 28737		nCi/l	Ű	<u> </u>	2337	UU070400G4SW20	UMTI
Spring 4 Op1906 WC UF CS Rad LLEE Titum B33373 0.10843333 0.28737 pC/L U 1080900045W01 UMT Spring 4 0932006 WG UF CS Rad EPA306.0 Titlum 92.7 209 pC/L U 14889 GU00900045W01 GEL Spring 4 0931304 WG UF CS Rad LLEE Titlum 8.32378 10.7333333 169 pC/L H H82 U00490045W01 GEL Spring 4 100605 0.28737 pC/L H H82 U0490045W01 UMT Spring 4 100605 U.28737 pC/L H H82 U04900465W01 UMT Spring 4 100605 WG UF DUP Rad LLEE Titum B41935 10.7054333 0.28737 pC/L H H805 U03006645W01 UMT Spring 4 100605 WG U U041474 U0300645W01 MMT Spring 4	Spring 4	05/03/07	WG	UF	CS		Rad		Tritium		7 40776	0.09579	0.28737		nCi/l			2337	UU070400G4SW01	
Spring 4 0922005 WG UF CS Rad EPA-906.0 Tritlum 102.7 26 29.00 FC/L U U 148899 EU0090043W01 0EIC. Spring 4 09/1304 WG UF CS Rad LLEE Tritlum 9.32356 0.15985 9.02731 FC/L U 121725 CU04090043W01 CEIC. Spring 4 1006B03 WG UF CS Rad LLEE Tritlum 9.30056 0.15985 0.28737 FC/L U 14895 LU03903045W01 UMIT. Spring 4 1006B03 WG UF CS Rad EPA-906.0 Tritlum 433 10.7686367 161	Spring 4	09/18/06	WG	UF	CS		Rad		Tritium		8 33373	0 106433333	0 28737		pCi/L			2273	UU060900G4SW01	UMTI
Spring 4 Op/13/04 WG UF CS Rad EPA.906.0 Tritium 70.3 T6.7333333 159 COL U U U121726 Cludoploc4SW01 DELT Spring 4 100600 WG UF CS Rad LEE Tritum 932366 0.15965 0.28737 C/L 19805 UU0309064SW01 UMTL Spring 4 1006003 WG UF CS Rad LEE Tritum 943306 0.28737 C/L 1985 UU0309064SW01 UMTL Spring 4 1006003 WG UF CS Rad LEE Tritum 433 18.7668667 16.1 p/L U 10308064SW01 UMTL Spring 4 100603 WG UF CS Geninorg EPA.301.0 Akalinhy-CO.+HCO. 80.3 0.725 mgL 112750 GF069006A4501 GELC Spring 4A 0914/04 WG F CS Geninorg EPA.310.1 Akalinhy-CO.+HCO. <td>Spring 4</td> <td>09/26/05</td> <td>WG</td> <td>UF</td> <td>CS</td> <td></td> <td>Rad</td> <td>EPA:906.0</td> <td>Tritium</td> <td></td> <td>92 7</td> <td>26</td> <td>259</td> <td></td> <td>pCi/L</td> <td>U</td> <td>U</td> <td>146889</td> <td>GU05090G4SW01</td> <td>GELC</td>	Spring 4	09/26/05	WG	UF	CS		Rad	EPA:906.0	Tritium		92 7	26	259		pCi/L	U	U	146889	GU05090G4SW01	GELC
Spring 4 Opring 4	Spring 4	09/13/04	WG	UF	CS		Rad	EPA:906.0	Tritium		70.3	16 73333333	159		pCi/L	U U	U	121725	GU04090G4SW01	GELC
Spring 4 100603 WG UF CS Rad LLEE Tritum 9.10005 0.106433333 0.28737 pC/iL H805 UU30380645W01 UMTL Spring 4 100603 WG UF CS Rad EPA:906.0 Tritum 433 19.7666667 161 pC/iL JN+ B905 UU30380645W01 VMTL Spring 4 1006003 WG UF RE Rad ELEE Tritum 9.41935 0.725333 0.28737 pC/iL U 1041414 GU303800245W01 GELC Spring 4 1006003 WG F CS Geninorg EPA:310.1 Alkalinity-CO ₂ +HCO ₃ 77.7 0.725 mg/L 1485416 GP0704006A4501 GELC Spring 4A 09/14/04 WG F CS Geninorg EPA:310.1 Alkalinity-CO ₂ +HCO ₃ 77.7 0.725 mg/L 1428724 GP040906A4501 GELC Spring 4A 09/14/04 WG F CS Geninorg	Spring 4	09/13/04	WG	UF	CS		Rad		Tritium		9.32356	0 15965	100	0 28737	pCi/L	Ŭ	0	1952	UU04090G4SW01	
Spring 4 1006033 WG UF CS Rad EPA:906.0 Tritum 433 19.76666667 161 DCUL JN+ B8902 Cluose0645W01 EELC Spring 4 1006003 WG UF RE Rad LLEE Tritum 9.41935 0.17028333 0.28737 pC/L U 198704 UMI Spring 4 1006003 WG UF RE Rad EPA:906.0 Tritum 4.4.5 14.4 143 pC/L U 198716 GPO704006A4501 GELC Spring 4A 091206 WG F CS Geninorg EPA:310.1 Alkalinity-CO ₂ +HCO ₃ 70.2 1.4.5 mgL 127200 F0609006A4501 GELC Spring 4A 0912705 WG F CS Geninorg EPA:310.1 Alkalinity-CO ₂ +HCO ₃ 76.2 1.4.5 mgL 121197 GF04090GA4S01 GELC Spring 4A 09140/4 WG F CS Geninorg EPA:310.1 <td>Spring 4</td> <td>10/06/03</td> <td>WG</td> <td>UF</td> <td>CS</td> <td></td> <td>Rad</td> <td></td> <td>Tritium</td> <td></td> <td>9 10005</td> <td>0 106433333</td> <td></td> <td>0.28737</td> <td>pCi/L</td> <td></td> <td></td> <td>1805</td> <td>UU03080G4SW01</td> <td></td>	Spring 4	10/06/03	WG	UF	CS		Rad		Tritium		9 10005	0 106433333		0.28737	pCi/L			1805	UU03080G4SW01	
Spring 4 1006/03 WG UF DUP Rad LLEE Tritum 9.41936 0.170293333 0.28737 PCiL U U03080G4SW01 UMTL Spring 4 1006/03 WG UF RE Rad EPA:906.0 Tritum -4.5 14.4 143 pCi/L U U 104174 GU3080G4SW01 GELC Spring 4 05/02/07 WG F CS Geninorg EPA:310.1 Alkalinity-C0_3+HCO_3 77.7 0.725 mg/L 112500 GF069090GA4S01 GELC Spring 4A 09/14/04 WG F CS Geninorg EPA:310.1 Alkalinity-C0_3+HCO_3 70.2 1.45 mg/L 121724 GF04090GA4S01 GELC Spring 4A 09/14/04 WG F DUP Geninorg EPA:310.1 Alkalinity-C0_3+HCO_3 76.6 1.45 mg/L 121197 GF04090GA4S01 GELC Spring 4A 09/14/04 WG F DLP Geninorg EPA:310.1<	Spring 4	10/06/03	WG	UF	CS		Rad	EPA:906.0	Tritium		433	19 76666667	161	0.20101	pCi/L		.IN+	89802	GU03080G4SW01	GELC
Construct Construct <thconstruct< th=""> <thconstruct< th=""> <thc< td=""><td>Spring 4</td><td>10/06/03</td><td>WG</td><td></td><td>DUP</td><td></td><td>Rad</td><td></td><td>Tritium</td><td></td><td>9 41 935</td><td>0 170293333</td><td>101</td><td>0 28737</td><td>pCi/L</td><td></td><td></td><td>1805</td><td>UU03080G4SW01</td><td></td></thc<></thconstruct<></thconstruct<>	Spring 4	10/06/03	WG		DUP		Rad		Tritium		9 41 935	0 170293333	101	0 28737	pCi/L			1805	UU03080G4SW01	
Openang Observe Openang Openang <t< td=""><td>Spring 4</td><td>10/06/03</td><td>WG</td><td></td><td>RF</td><td></td><td>Rad</td><td></td><td>Tritium</td><td></td><td>-4 5</td><td>14.4</td><td>143</td><td>0.20101</td><td>pCi/L</td><td></td><td>11</td><td>104174</td><td>GU03080G4SW01</td><td>GELC</td></t<>	Spring 4	10/06/03	WG		RF		Rad		Tritium		-4 5	14.4	143	0.20101	pCi/L		11	104174	GU03080G4SW01	GELC
Christian Optimize Control of the contr	Spring 4A	05/02/07	WG	F	CS		Geninora	EPA:310.1	Alkalinity-CO ₂ +HCO ₂		80.3		110	0 725	ma/l	Ŭ	0	185416	GE070400GA4S01	GELC
Spring 4A Op/17/06 WG P C.S Geruinorg EPA.310.1 Alkalinity-CO ₃ +HCO ₃ PT.1 C D.25 ImpL 172.00 GF0009000A4S01 GELC Spring 4A 09/27/05 WG F CS Geninorg EPA.310.1 Alkalinity-CO ₃ +HCO ₃ 74.5 1.45 mg/L 121724 GF0009006A4S01 GELC Spring 4A 09/14/04 WG F CS Geninorg EPA.310.1 Alkalinity-CO ₃ +HCO ₃ 76.6 1.45 mg/L 121724 GF040906A4S01 GELC Spring 4A 09/14/04 WG F DUP Geninorg EPA.310.1 Alkalinity-CO ₃ +HCO ₃ 78.2 0.725 mg/L 111062 GF040906A4S01 GELC Spring 4A 09/18/06 WG F CS Geninorg EPA.310.1 Alkalinity-CO ₃ +HCO ₃ 78.2 0.725 mg/L 172500 GU009006A4S01 GELC Spring 4A 09/18/06 WG F CS Geninorg EPA.300.0	Opring 4/	00/02/01	WC		00		Coninorg	EDA:010.1			77.7			0.720	mg/L			170500		
Spring 4A 09/27/05 WG F CS Geninorg EPA:310.1 Alkalinity-C0 ₃ +HCO ₃ 70.2 1.45 mg/L 146887 GF05090GA4S01 GELC Spring 4A 09/14/04 WG F CS Geninorg EPA:310.1 Alkalinity-C0 ₃ +HCO ₃ 74.5 1.45 mg/L 121172 GF04090GA4S01 GELC Spring 4A 09/14/04 WG F DUP Geninorg EPA:310.1 Alkalinity-C0 ₃ +HCO ₃ 76.6 1.45 mg/L 121172 GF04090GA4S01 GELC Spring 4A 09/18/06 WG F CS Geninorg EPA:310.1 Alkalinity-C0 ₃ +HCO ₃ 78.2 0.725 mg/L 111062 GF04090GA4S01 GELC Spring 4A 05/02/07 WG F CS Geninorg EPA:310.1 Alkalinity-C0 ₃ +HCO ₃ 78.2 0.725 mg/L 111052 GF04090GA4S01 GELC Spring 4A 05/02/07 WG F CS Geninorg EPA:300.0 Bromide	Spring 4A	09/18/06	WG	F	CS .		Geninorg	EPA:310.1	Alkalinity-CO ₃ +HCO ₃		11.1			0.725	mg/∟			172500	GF060900GA4S01	GELC
Spring 4A 09/14/04 WG F CS Geninorg EPA:310.1 Alkalinty-CO ₃ +HCO ₃ 74.5 1.45 mg/L 121724 GF04090GAAS01 GELC Spring 4A 09/14/04 WG F DUP Geninorg EPA:310.1 Alkalinity-CO ₃ +HCO ₃ 76.6 1.45 mg/L 121197 GF04090GAAS01 GELC Spring 4A 09/14/04 WG F CS Geninorg EPA:310.1 Alkalinity-CO ₃ +HCO ₃ 88.6 1.45 mg/L 111062 GF04090GAAS01 GELC Spring 4A 09/18/06 WG UF CS Geninorg EPA:310.1 Alkalinity-CO ₃ +HCO ₃ 78.2 0.725 mg/L 111062 GF04040GAAS01 GELC Spring 4A 05/02/07 WG F CS Geninorg EPA:300.0 Bromide 0.128 0.066 mg/L 1 185416 GF070400GA4S01 GELC Spring 4A 09/18/06 WG F CS Geninorg EPA:300.0 Bromide <td>Spring 4A</td> <td>09/27/05</td> <td>WG</td> <td>F</td> <td>CS</td> <td></td> <td>Geninorg</td> <td>EPA:310.1</td> <td>Alkalinity-CO₃+HCO₃</td> <td></td> <td>70.2</td> <td></td> <td></td> <td>1.45</td> <td>mg/L</td> <td></td> <td></td> <td>146887</td> <td>GF05090GA4S01</td> <td>GELC</td>	Spring 4A	09/27/05	WG	F	CS		Geninorg	EPA:310.1	Alkalinity-CO ₃ +HCO ₃		70.2			1.45	mg/L			146887	GF05090GA4S01	GELC
Spring 4A 09/14/04 WG F DUP Geninorg EPA:310.1 Alkalinity-CO3+HCO3 76.6 1.45 mg/L 121197 GF04090GA4S01 GELC Spring 4A 04/15/04 WG F CS Geninorg EPA:310.1 Alkalinity-CO3+HCO3 88.6 1.45 mg/L 111062 GF04040GA4S01 GELC Spring 4A 09/18/06 WG UF CS Geninorg EPA:310.1 Alkalinity-CO3+HCO3 78.2 0.725 mg/L 172500 GU060900GA4S01 GELC Spring 4A 09/18/06 WG F CS Geninorg EPA:300.0 Bromide 0.128 0.066 mg/L 172500 GF060900GA4S01 GELC Spring 4A 09/27/05 WG F CS Geninorg EPA:300.0 Bromide 0.066 0.066 mg/L U 112500 GF060900GA4S01 GELC Spring 4A 09/18/06 WG F CS Geninorg EPA:300.0 Bromide 0.066 <td>Spring 4A</td> <td>09/14/04</td> <td>WG</td> <td>F</td> <td>CS</td> <td></td> <td>Geninorg</td> <td>EPA:310.1</td> <td>Alkalinity-CO₃+HCO₃</td> <td></td> <td>74.5</td> <td></td> <td></td> <td>1.45</td> <td>mg/L</td> <td></td> <td></td> <td>121724</td> <td>GF04090GA4S01</td> <td>GELC</td>	Spring 4A	09/14/04	WG	F	CS		Geninorg	EPA:310.1	Alkalinity-CO ₃ +HCO ₃		74.5			1.45	mg/L			121724	GF04090GA4S01	GELC
Spring 4A 04/15/04 WG F CS Geninorg EPA:310.1 Alkalinity-CO3+HCO3 88.6 1.45 mg/L 111062 GF04040GA4S01 GELC Spring 4A 09/18/06 WG UF CS Geninorg EPA:310.1 Alkalinity-CO3+HCO3 78.2 0.725 mg/L 172500 GU060900GA4S01 GELC Spring 4A 05/02/07 WG F CS Geninorg EPA:300.0 Bromide 0.128 0.066 mg/L J 185416 GF070400GA4S01 GELC Spring 4A 09/18/06 WG F CS Geninorg EPA:300.0 Bromide <	Spring 4A	09/14/04	WG	F	DUP		Geninorg	EPA:310.1	Alkalinity-CO ₃ +HCO ₃		76.6			1.45	mg/L			121197	GF04090GA4S01	GELC
Spring 4A 09/18/06 WG UF CS Geninorg EPA:310.1 Alkalinity-CO3+HCO3 78.2 0.725 mg/L 172500 GU060900GA4S01 GELC Spring 4A 05/02/07 WG F CS Geninorg EPA:300.0 Bromide 0.128 0.066 mg/L J 185416 GF070400GA4S01 GELC Spring 4A 09/18/06 WG F CS Geninorg EPA:300.0 Bromide <	Spring 4A	04/15/04	WG	F	CS		Geninorg	EPA:310.1	Alkalinity-CO ₃ +HCO ₃		88.6			1.45	mg/L			111062	GF04040GA4S01	GELC
Spring 4A 05/02/07 WG F CS Geninorg EPA:300.0 Bromide 0.128 0.066 mg/L J 185416 GF070400GA4S01 GELC Spring 4A 09/18/06 WG F CS Geninorg EPA:300.0 Bromide 0.066 mg/L U 172500 GF060900GA4S01 GELC Spring 4A 09/18/06 WG F CS Geninorg EPA:300.0 Bromide 0.041 mg/L U 146887 GF05090GA4S01 GELC Spring 4A 09/18/06 WG UF CS Geninorg EPA:300.0 Bromide 0.041 mg/L U 146887 GF05090GA4S01 GELC Spring 4A 09/18/06 WG F CS Geninorg SW-846:6010B Calcium 21.8 0.036 mg/L 185416 GF070400GA4S01 GELC Spring 4A 09/18/06 WG F CS Geninorg SW-846:6010B Calcium	Spring 4A	09/18/06	WG	UF	CS		Geninorg	EPA:310.1	Alkalinity-CO ₃ +HCO ₃		78.2			0.725	mg/L			172500	GU060900GA4S01	GELC
Spring 4A O9/18/06 WG F CS Geninorg EPA:300.0 Bromide < 0.066	Spring 4A	05/02/07	WG	F	CS		Geninora	EPA:300.0	Bromide		0.128			0.066	ma/L	J		185416	GF070400GA4S01	GELC
Spring 4A 09/27/05 WG F CS Geninorg EPA:300.0 Bromide < 0.041 0.041 mg/L U 146887 GF05090GA4S01 GELC Spring 4A 09/27/05 WG F CS Geninorg EPA:300.0 Bromide <	Spring 4A	09/18/06	WG	F	CS		Geninorg	EPA:300.0	Bromide	<	0.066			0.066	ma/l	Ŭ		172500	GF060900GA4S01	GELC
Spring 4A Og/18/06 WG F CS Geninorg EPA:300.0 Bromide < 0.066 0.066 mg/L U 172500 GU06090GA4S01 GELC Spring 4A 09/18/06 WG F CS Geninorg EPA:300.0 Bromide <	Spring 4A	09/27/05	WG	F	CS		Geninorg	EPA:300.0	Bromide	~	0.000			0.000	ma/l	U U		146887	GE05090GA4S01	GELC
Spring 4A 05/02/07 WG F CS Geninorg SW-846:6010B Calcium 21.8 0.036 mg/L 172500 GF060900GA4S01 GELC Spring 4A 09/18/06 WG F CS Geninorg SW-846:6010B Calcium 19 0.036 mg/L 172500 GF060900GA4S01 GELC Spring 4A 09/18/06 WG F CS Geninorg SW-846:6010B Calcium 19 0.036 mg/L 172500 GF060900GA4S01 GELC Spring 4A 09/27/05 WG F CS Geninorg SW-846:6010B Calcium 18.9 0.036 mg/L 146887 GF05090GA4S01 GELC Spring 4A 09/14/04 WG F CS Geninorg SW-846:6010B Calcium 18 0.00554 mg/L 111062 GF04040GA4S01 GELC Spring 4A 04/15/04 WG F DUP Geninorg SW-846:6010B Calcium 20.2 0.00554 mg/	Spring 4A	09/18/06	WG	UF	CS		Geninorg	EPA:300.0	Bromide	~	0.066			0.066	ma/l	U U		172500	GU060900GA4S01	GELC
Spring IA 09/18/06 WG F CS Geninorg SW-846:6010B Calcium 19 0.036 mg/L 172500 GF060900GA4S01 GELC Spring 4A 09/18/06 WG F CS Geninorg SW-846:6010B Calcium 19 0.036 mg/L 172500 GF060900GA4S01 GELC Spring 4A 09/14/04 WG F CS Geninorg SW-846:6010B Calcium 18.9 0.036 mg/L 121724 GF04090GA4S01 GELC Spring 4A 09/14/04 WG F CS Geninorg SW-846:6010B Calcium 18 0.00554 mg/L 111062 GF04040GA4S01 GELC Spring 4A 04/15/04 WG F DUP Geninorg SW-846:6010B Calcium 20.2 0.00554 mg/L 111062 GF04040GA4S01 GELC Spring 4A 04/15/04 WG F DUP Geninorg SW-846:6010B Calcium 20.2 0.00554 m	Spring 4A	05/02/07	WG	F	CS		Geninorg	SW-846:6010B	Calcium		21.8			0.036	ma/l	Ŭ		185416	GE070400GA4S01	GELC
Spring 4A 09/27/05 WG F CS Geninorg SW-846:6010B Calcium 18.9 0.036 mg/L 146887 GF05090GA4S01 GELC Spring 4A 09/14/04 WG F CS Geninorg SW-846:6010B Calcium 18.9 0.036 mg/L 121724 GF04090GA4S01 GELC Spring 4A 04/15/04 WG F CS Geninorg SW-846:6010B Calcium 18 0.00554 mg/L 121724 GF04040GA4S01 GELC Spring 4A 04/15/04 WG F CS Geninorg SW-846:6010B Calcium 20.2 0.00554 mg/L 111062 GF04040GA4S01 GELC Spring 4A 04/15/04 WG F DUP Geninorg SW-846:6010B Calcium 20.2 0.00554 mg/L 111062 GF04040GA4S01 GELC Spring 4A 05/02/07 WG UF CS Geninorg SW-846:6010B Calcium 21 0.036 m	Spring 4A	09/18/06	WG	F	CS		Geninorg	SW-846:6010B	Calcium		19			0.036	ma/l			172500	GE060900GA4S01	GELC
Spring 4A 09/14/04 WG F CS Geninorg SW-846:6010B Calcium 18 0.0054 mg/L 121724 GF04090GA4S01 GELC Spring 4A 04/15/04 WG F CS Geninorg SW-846:6010B Calcium 18 0.00554 mg/L 121724 GF04090GA4S01 GELC Spring 4A 04/15/04 WG F CS Geninorg SW-846:6010B Calcium 20.2 0.00554 mg/L 111062 GF04040GA4S01 GELC Spring 4A 04/15/04 WG F DUP Geninorg SW-846:6010B Calcium 20.2 0.00554 mg/L 111062 GF04040GA4S01 GELC Spring 4A 05/02/07 WG UF CS Geninorg SW-846:6010B Calcium 21 0.00554 mg/L 111062 GF04040GA4S01 GELC Spring 4A 05/02/07 WG UF CS Geninorg SW-846:6010B Calcium 21 0.036 m	Spring 4A	09/27/05	WG	F	CS		Geninorg	SW-846:6010B	Calcium		18.9	1		0.036	ma/l			146887	GF05090GA4S01	GELO
Spring 4A 04/15/04 WG F CS Geninorg SW-846:6010B Calcium 20.2 0.00554 mg/L 111062 GF04040GA4S01 GELC Spring 4A 04/15/04 WG F CS Geninorg SW-846:6010B Calcium 20.2 0.00554 mg/L 111062 GF04040GA4S01 GELC Spring 4A 04/15/04 WG F DUP Geninorg SW-846:6010B Calcium 20.2 0.00554 mg/L 111062 GF04040GA4S01 GELC Spring 4A 05/02/07 WG UF CS Geninorg SW-846:6010B Calcium 21 0.00554 mg/L 1185416 GU070400GA4S01 GELC Spring 4A 09/18/06 WG UF CS Geninorg SW-846:6010B Calcium 21 0.036 mg/L 185416 GU070400GA4S01 GELC Spring 4A 09/18/06 WG UF CS Geninorg SW-846:6010B Calcium 19.2 0.036	Spring 44	09/14/04	WG	F	CS		Geninorg	SW-846:6010B	Calcium		18	1	<u> </u>	0.00554	ma/l		<u> </u>	121724	GF04090GA4S01	GELC
Spring 4A 04/15/04 WG F DUP Geninorg SW-846:6010B Calcium 20.2 0.00554 mg/L 111062 GF04040GA4501 GELC Spring 4A 05/02/07 WG UF CS Geninorg SW-846:6010B Calcium 21 0.00554 mg/L 111062 GF04040GA4501 GELC Spring 4A 05/02/07 WG UF CS Geninorg SW-846:6010B Calcium 21 0.036 mg/L 185416 GU070400GA4501 GELC Spring 4A 09/18/06 WG UF CS Geninorg SW-846:6010B Calcium 19.2 0.036 mg/L 172500 GU060900GA4501 GELC	Spring 4A	04/15/04	WG	F	CS		Geninorg	SW-846:6010B	Calcium		20.2	1	<u> </u>	0.00554	ma/l		<u> </u>	111062	GF04040GA4901	GELO
Spring 4A 05/02/07 WG UF CS Geninorg SW-846:6010B Calcium 21 0.036 mg/L 185416 GU070400GA4S01 GELC Spring 4A 09/18/06 WG UF CS Geninorg SW-846:6010B Calcium 19.2 0.036 mg/L 172500 GU060900GA4S01 GELC	Spring 4A	04/15/04	WG	F	DUP	1	Geninorg	SW-846:6010B	Calcium	1	20.2	1	1	0.00554	ma/l		<u> </u>	111062	GF04040GA4S01	GFLC
Spring 4A 09/18/06 WG UF CS Geninorg SW-846:6010B Calcium 19.2 0.036 mg/L 100410 000704000A4301 0ELC	Spring 44	05/02/07	WG	UF	CS	1	Geninorg	SW-846:6010B	Calcium	1	21	1	1	0.036	ma/l		<u> </u>	185416	GU070400GA4S01	GELC
	Spring 4A	09/18/06	WG	UF	cs		Geninorg	SW-846:6010B	Calcium	1	19.2	1		0.036	ma/l	1	<u> </u>	172500	GU060900GA4S01	GELC

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Location	Date	Field Matrix	Field	Lab Sample	Field QC	Suite	Method	Analyte	Symbol	Rosult	1-sigma TPU	ΜΠΔ	МОІ	Unite	Lab	2nd Qual	Request	Sample	Lab
Spring 4A	09/27/05	WG	UF	CS	Турс	Geninora	SW-846:6010B	Calcium	Gymbol	19.5			0.036	ma/l	Quai	Quai	146887	GU05090GA4S01	GELC
Spring 4A	05/02/07	WG	F	CS		Geninorg	EPA:300.0	Chloride		5 12			0.000	ma/l			185416	GE070400GA4S01	GELC
Spring 4A	09/18/06	WG	F	CS		Geninorg	EPA:300.0	Chloride		4 66			0.000	ma/l			172500	GE060900GA4S01	GELC
Spring 4A	09/27/05	WG	F	<u> </u>		Geninorg	EPA:300.0	Chloride		4.61			0.000	ma/L			1/6887	GE05090GA4501	GELC
Spring 4A	09/14/04	WG	F	CS		Geninorg	EPA:300.0	Chloride		4.52			0.0322	mg/L			121724	GF04090GA4S01	GELC
Spring 4A	04/15/04	WG	F	CS		Geninorg	EPA:300.0	Chloride		4.52			0.0022	ma/l			111062	GF04040GA4S01	GELC
Spring 4A	04/15/04	WG	F			Geninorg	EPA:300.0	Chloride		4.50			0.0322	ma/L			111062	GF04040GA4S01	GELC
Spring 4A	09/18/06	WG		CS		Geninorg	EPA:300.0	Chloride		4.65			0.066	ma/l			172500	GU060900GA4S01	GELC
Spring 4A	05/02/07	WG	F	<u> </u>		Geninorg	EPA:300.0	Fluoride		4.00 0.404			0.000	ma/L			185/16	GE070400GA4S01	GELC
Spring 4A	09/18/06	WG	F	CS		Geninorg	EPA:300.0	Fluoride	/	0.459			0.000	ma/l		11	172500	GE060900GA4S01	GELC
Spring 4A	09/10/00	WG	F	<u>CS</u>		Geninorg	EPA:300.0	Fluoride	```	0.433			0.033	mg/L		0	1/6887	GF05000GA4S01	
Spring 4A	09/27/03	WG		CS		Geninorg	EPA:300.0	Fluorido		0.473			0.05	mg/L			121724	GE04000GA4S01	
Spring 4A	04/15/04	WC		<u> </u>		Geninorg	EPA:300.0	Fluorido		0.430			0.0555	mg/L			121724	CE04090GA4301	
Spring 4A	04/15/04	WC				Geninorg	EPA:300.0	Fluorido		0.294			0.0555	mg/∟			111002	GF04040GA4301	
Spring 4A	04/15/04	WC				Geninorg	EPA:300.0	Fluorido		0.310			0.0000	mg/∟			172500		
Spring 4A	09/10/00	WG				Geninorg	EFA.300.0	Hardnasa	<	0.472			0.033	mg/∟		0	105416	G0000900GA4301	
Spring 4A	00/12/07	WG				Geninorg	SIVI.A2340D	Hardness		75.1 GE 4			0.44	mg/∟ ma/l			100410	GF070400GA4301	
Spring 4A	09/18/06	WG				Geninorg	SIVI:A2340B	Hardness		05.4 05			0.085	mg/L			172500	GF060900GA4501	
Spring 4A	09/27/05	WG				Geninorg	SIVI:A2340B	Hardness					0.085	mg/L			140887	GF05090GA4501	GELC
Spring 4A	09/14/04	WG				Geninorg	EPA:200.7	Hardness		62.4			0.00554	mg/L			121724	GF04090GA4S01	GELC
Spring 4A	04/15/04	WG				Geninorg	EPA:200.7	Hardness		69.5 70.5			0.00554	mg/L			111062	GF04040GA4S01	GELC
Spring 4A	05/02/07	WG				Geninorg	SM:A2340B	Hardness		72.5			0.44	mg/∟			185416	GU070400GA4S01	GELC
Spring 4A	09/18/06	WG				Geninorg	SM:A2340B	Hardness		66 0 7			0.085	mg/L			172500	GU060900GA4S01	GELC
Spring 4A	09/27/05	WG		CS		Geninorg	SM:A2340B	Hardness		67			0.085	mg/L			146887	GU05090GA4S01	GELC
Spring 4A	05/02/07	WG		CS		Geninorg	SW-846:6010B	Magnesium		5.01	-		0.085	mg/L			185416	GF070400GA4S01	GELC
Spring 4A	09/18/06	WG		CS		Geninorg	SW-846:6010B	Magnesium		4.36	-		0.085	mg/L			1/2500	GF060900GA4S01	GELC
Spring 4A	09/27/05	WG	F	CS		Geninorg	SW-846:6010B	Magnesium		4.32			0.085	mg/L			146887	GF05090GA4S01	GELC
Spring 4A	09/14/04	WG		CS		Geninorg	SW-846:6010B	Magnesium		4.22			0.00518	mg/L			121724	GF04090GA4S01	GELC
Spring 4A	04/15/04	WG		CS		Geninorg	SW-846:6010B	Magnesium		4.65			0.00518	mg/L			111062	GF04040GA4S01	GELC
Spring 4A	04/15/04	WG	F	DUP		Geninorg	SW-846:6010B	Magnesium		4.65			0.00518	mg/L			111062	GF04040GA4S01	GELC
Spring 4A	05/02/07	WG	UF	CS		Geninorg	SW-846:6010B	Magnesium		4.86			0.085	mg/L			185416	GU070400GA4S01	GELC
Spring 4A	09/18/06	WG	UF	CS		Geninorg	SW-846:6010B	Magnesium		4.41			0.085	mg/L			172500	GU060900GA4S01	GELC
Spring 4A	09/27/05	WG	UF	CS		Geninorg	SW-846:6010B	Magnesium		4.46			0.085	mg/L			146887	GU05090GA4S01	GELC
Spring 4A	05/02/07	WG	F	CS		Geninorg	EPA:353.2	Nitrate-Nitrite as N		1.6			0.1	mg/L			185416	GF070400GA4S01	GELC
Spring 4A	09/18/06	WG	F	CS		Geninorg	EPA:353.1	Nitrate-Nitrite as N		0.923			0.014	mg/L			172500	GF060900GA4S01	GELC
Spring 4A	09/27/05	WG	F	CS		Geninorg	EPA:353.1	Nitrate-Nitrite as N		0.917			0.017	mg/L			146887	GF05090GA4S01	GELC
Spring 4A	09/14/04	WG	F	CS		Geninorg	EPA:353.1	Nitrate-Nitrite as N		1.04			0.003	mg/L		J+	121724	GF04090GA4S01	GELC
Spring 4A	04/15/04	WG	F	CS		Geninorg	EPA:353.1	Nitrate-Nitrite as N		0.88			0.01	mg/L			111062	GF04040GA4S01	GELC
Spring 4A	09/18/06	WG	UF	CS		Geninorg	EPA:353.1	Nitrate-Nitrite as N		0.994			0.014	mg/L			172500	GU060900GA4S01	GELC
Spring 4A	05/02/07	WG	F	CS		Geninorg	SW-846:6850	Perchlorate		0.527			0.05	μg/L		J-	185416	GF070400GA4S01	GELC
Spring 4A	09/18/06	WG	F	CS		Geninorg	SW846 6850	Perchlorate		0.457			0.05	μg/L			172500	GF060900GA4S01	GELC
Spring 4A	09/18/06	WG	F	CS		Geninorg	EPA:314.0	Perchlorate	<	4			4	μg/L	U		172500	GF060900GA4S01	GELC
Spring 4A	09/27/05	WG	F	CS		Geninorg	EPA:314.0	Perchlorate	<	4			4	μg/L	U		146887	GF05090GA4S01	GELC
Spring 4A	09/27/05	WG	F	CS		Geninorg	SW846 6850	Perchlorate		0.509			0.05	μg/L			146887	GF05090GA4S01	GELC
Spring 4A	09/14/04	WG	UF	CS		Geninorg	SW846 6850	Perchlorate		0.524			0.05	μg/L			121725	GU04090GA4S01	GELC
Spring 4A	09/14/04	WG	UF	CS		Geninorg	EPA:314.0	Perchlorate	<	4			4	μg/L	U		121725	GU04090GA4S01	GELC
Spring 4A	04/15/04	WG	UF	CS		Geninorg	EPA:314.0	Perchlorate	<	4			4	μg/L	U		111062	GU04040GA4S01	GELC
Spring 4A	04/15/04	WG	UF	CS		Geninorg	SW846 6850	Perchlorate		0.496				μg/L		J+	111062	GU04040GA4S01	GELC
Spring 4A	05/02/07	WG	F	CS		Geninorg	SW-846:6010B	Potassium		2.37			0.05	mg/L			185416	GF070400GA4S01	GELC
Spring 4A	09/18/06	WG	F	CS		Geninorg	SW-846:6010B	Potassium		2.1			0.05	mg/L			172500	GF060900GA4S01	GELC
Spring 4A	09/27/05	WG	F	CS		Geninorg	SW-846:6010B	Potassium		2.01			0.05	mg/L			146887	GF05090GA4S01	GELC
Spring 4A	09/14/04	WG	F	CS		Geninorg	SW-846:6010B	Potassium		2.01			0.0165	mg/L			121724	GF04090GA4S01	GELC

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Location	Data	Field	Field	Lab Sample	Field QC	Suito	Mothod	Analyta	Symbol	Popult	1 sigma TPU	МПА	MDI	Unito	Lab	2nd	Poquost	Sample	Lab
Spring 4A	04/15/04	WC		Type	туре	Coninora		Allalyte	Symbol	2 10	1-Sigilia TPU	INDA			Quai	Quai	111062	CE04040CA4S01	
Spring 4A	04/15/04	WC				Geninorg	SW-040.0010D	Polassium		2.19			0.0105	mg/L			111002	GF04040GA4301	
Spring 4A	04/15/04	WC				Geninorg	SW-040.0010D	Polassium		2.19			0.0105	mg/L			105/16		
Spring 4A	00/12/07	WG		CS		Geninorg	SW-040.0010D	Polassium		2.27			0.05	mg/L mg/l			100410	GU070400GA4501	
Spring 4A	09/16/06	WG		CS		Geninorg	SW-040.0010D	Polassium		2.1			0.05	mg/L mg/l			1/2000	GU060900GA4501	
Spring 4A	09/27/05	WC				Geninorg	SW-040.0010D	Silicon Diovido		2.07			0.05	mg/∟			140007	G005090GA4501	
Spring 4A	00/12/07	WG		CS		Geninorg	SW-040.0010D	Silicon Dioxide		09 66 1			0.032	mg/L mg/l	E	1	100410	GF070400GA4501	
Spring 4A	09/16/06	WC				Geninorg	SW-040.0010D	Silicon Dioxide		00.1			0.032	mg/∟	E	J	1/2000	GF060900GA4501	
Spring 4A	09/27/05	WC		CS		Geninorg	SW-040.0010D	Silicon Dioxide		64.2			0.032	mg/L			140007	GF03090GA4301	
Spring 4A	09/14/04	WG		CS		Geninorg	SW-040.0010D	Silicon Dioxide		04.3			0.0212	mg/∟			121724	GF04090GA4301	
Spring 4A	04/15/04	WG				Geninorg	SW-040.0010D	Silicon Dioxide		00.0 67.0			0.0212	mg/L mg/l			111062	GF04040GA4501	
Spring 4A	04/15/04	WG				Geninorg	SW-040.0010D	Silicon Dioxide		07.0 67.5			0.0212	mg/L mg/l	E	1	172500	GF04040GA4301	
Spring 4A	09/18/06	WG				Geninorg	SW-846:6010B	Silicon Dioxide		07.5			0.032	mg/L	E	J	172500	GU060900GA4501	
Spring 4A	09/27/05	WG				Geninorg	SW-846:6010B	Silicon Dioxide		09.0			0.032	mg/L			140887	GUU5090GA4501	
Spring 4A	05/02/07	WG				Geninorg	SW-846:6010B	Sodium		12.4			0.045	mg/L	-		185416	GF070400GA4S01	GELC
Spring 4A	09/18/06	WG				Geninorg	SW-846:6010B	Sodium		11.9			0.045	mg/L	E	J	172500	GF060900GA4501	
Spring 4A	09/27/05	WG				Geninorg	SW-846:6010B	Sodium		12.5			0.045	mg/L			146887	GF05090GA4S01	GELC
Spring 4A	09/14/04	WG				Geninorg	SW-846:6010B	Sodium		11.3			0.0144	mg/L			121724	GF04090GA4S01	GELC
Spring 4A	04/15/04	WG				Geninorg	SW-846:6010B	Sodium		12.1			0.0144	mg/L			111062	GF04040GA4S01	GELC
Spring 4A	04/15/04	WG				Geninorg	SW-846:6010B	Sodium		12.1			0.0144	mg/L			111062	GF04040GA4S01	GELC
Spring 4A	05/02/07	WG				Geninorg	SW-846:6010B	Sodium		12.2			0.045	mg/L	-		185416	GU070400GA4S01	GELC
Spring 4A	09/18/06	WG				Geninorg	SW-846:6010B	Sodium		12.1			0.045	mg/L	E	J	172500	GU060900GA4S01	GELC
Spring 4A	09/27/05	WG				Geninorg	SW-846:6010B			12.4			0.045	mg/L			146887	GU05090GA4S01	GELC
Spring 4A	05/02/07	WG				Geninorg	EPA:120.1			206			1	μS/cm			185416	GF070400GA4S01	GELC
Spring 4A	09/18/06	WG		CS		Geninorg	EPA:120.1	Specific Conductance		200			1	μS/cm			172500	GF060900GA4S01	GELC
Spring 4A	09/27/05	WG		CS		Geninorg	EPA:120.1	Specific Conductance		160			1	μS/cm			146887	GF05090GA4S01	GELC
Spring 4A	09/18/06	WG		CS		Geninorg	EPA:120.1	Specific Conductance		195			1	μS/cm			172500	GU060900GA4S01	GELC
Spring 4A	05/02/07	WG		CS		Geninorg	EPA:300.0	Sulfate		6.38			0.1	mg/L			185416	GF070400GA4S01	GELC
Spring 4A	09/18/06	WG				Geninorg	EPA:300.0			5.43			0.1	mg/L			172500	GF060900GA4S01	GELC
Spring 4A	09/27/05	WG		CS		Geninorg	EPA:300.0	Sulfate		5.62			0.057	mg/L			146887	GF05090GA4S01	GELC
Spring 4A	09/14/04	WG		CS		Geninorg	EPA:300.0	Sulfate		5.37			0.193	mg/L			121/24	GF04090GA4S01	GELC
Spring 4A	04/15/04	WG		CS		Geninorg	EPA:300.0	Sulfate		5.1			0.193	mg/L			111062	GF04040GA4S01	GELC
Spring 4A	04/15/04	WG		DUP		Geninorg	EPA:300.0	Sulfate		5.12			0.193	mg/L			111062	GF04040GA4S01	GELC
Spring 4A	09/18/06	WG		CS		Geninorg	EPA:300.0			5.45			0.1	mg/L			172500	GU060900GA4S01	GELC
Spring 4A	05/02/07	WG		CS		Geninorg	EPA:160.1	Total Dissolved Solids		185			2.38	mg/L			185416	GF070400GA4S01	GELC
Spring 4A	09/18/06	WG		CS		Geninorg	EPA:160.1	Total Dissolved Solids		167			2.38	mg/L			172500	GF060900GA4S01	GELC
Spring 4A	09/18/06	WG		CS		Geninorg	EPA:160.1	Total Dissolved Solids		169			2.38	mg/L			172500	GU060900GA4S01	GELC
Spring 4A	09/27/05	WG	F	CS		Geninorg	EPA:160.1	Total Dissolved Solids		180			2.38	mg/L			146887	GF05090GA4S01	GELC
Spring 4A	09/14/04	WG		CS		Geninorg	EPA:160.1	Total Dissolved Solids		1/1			3.07	mg/L			121/24	GF04090GA4S01	GELC
Spring 4A	04/15/04	WG		CS		Geninorg	EPA:160.1	Total Dissolved Solids		158			3.07	mg/L			111062	GF04040GA4S01	GELC
Spring 4A	04/15/04	WG		DUP		Geninorg	EPA:160.1	Total Dissolved Solids		159			3.07	mg/L			111062	GF04040GA4S01	GELC
Spring 4A	05/02/07	WG	UF	CS		Geninorg	SW-846:9060	Total Organic Carbon		0.736			0.33	mg/L	J		185416	GU070400GA4S01	GELC
Spring 4A	09/18/06	WG	UF	CS		Geninorg	SW-846:9060	Total Organic Carbon		0.453			0.33	mg/L	J		172311	GU060900GA4S02	GELC
Spring 4A	05/02/07	WG	F	CS		Geninorg	EPA:150.1	pH		7.81			0.01	SU	Н	J	185416	GF070400GA4S01	GELC
Spring 4A	09/18/06	WG	F	CS		Geninorg	EPA:150.1	pH		8.05			0.01	SU	Н	J	172500	GF060900GA4S01	GELC
Spring 4A	09/27/05	WG		CS		Geninorg	EPA:150.1	рн		7.65			0.01	SU	H I	J	146887	GF05090GA4S01	GELC
Spring 4A	09/18/06	WG	UF	CS		Geninorg	EPA:150.1	pH	 	8.11			0.01	SU	H I.	J	172500	GU060900GA4S01	GELC
Spring 4A	05/02/07	WG		CS		Metals	SW-846:6020	Arsenic		3.7			1.5	μg/L	J		185416	GF070400GA4S01	GELC
Spring 4A	09/18/06	WG		CS		Metals	SW-846:6010B	Arsenic	<	6			6	μg/L	U		172500	GF060900GA4S01	GELC
Spring 4A	09/27/05	WG	IF	CS		Metals	SW-846:6010B	Arsenic	<	6			6	μg/L	U		146887	GF05090GA4S01	GELC
Spring 4A	09/14/04	WG		CS		Metals	SW-846:6010B	Arsenic	 	2.6			2.24	μg/L	J	I	121724	GF04090GA4S01	GELC
Spring 4A	04/15/04	WG	F	CS		Metals	SW-846:6010B	Arsenic	<	2.24			2.24	μg/L	U		111062	GF04040GA4S01	GELC

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Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4A	04/15/04	WG	F	DUP	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Metals	SW-846:6010B	Arsenic	<	2.24			2.24	ua/I	U		111062	GF04040GA4S01	GELC
Spring 4A	05/02/07	WG	UF	CS		Metals	SW-846:6020	Arsenic		3.6			1.5	μ <u>α</u> /Ι	J		185416	GU070400GA4S01	GELC
Spring 4A	09/18/06	WG	UF	CS		Metals	SW-846:6010B	Arsenic	<	6			6	μ <u>α</u> /Ι	Ŭ		172500	GU060900GA4S01	GELC
Spring 4A	09/27/05	WG	UF	CS		Metals	SW-846:6010B	Arsenic	<	6			6	μ <u>α</u> /Ι	Ŭ		146887	GU05090GA4S01	GELC
Spring 4A	05/02/07	WG	F	CS		Metals	SW-846:6010B	Barium		45.6			1	μα/L	-		185416	GF070400GA4S01	GELC
Spring 4A	09/18/06	WG	F	CS		Metals	SW-846:6010B	Barium		38.8			1	μ <u>α/L</u>			172500	GF060900GA4S01	GELC
Spring 4A	09/27/05	WG	F	CS		Metals	SW-846:6010B	Barium		38.6			1	μα/L			146887	GF05090GA4S01	GELC
Spring 4A	09/14/04	WG	F	CS		Metals	SW-846:6010B	Barium		38.5			0.222	μ <u>α/L</u>			121724	GF04090GA4S01	GELC
Spring 4A	04/15/04	WG	F	CS		Metals	SW-846:6010B	Barium		42.4			0.222	$\mu g/=$			111062	GF04040GA4S01	GELC
Spring 4A	04/15/04	WG	F	DUP		Metals	SW-846:6010B	Barium		42.3			0.222	$\mu g/=$			111062	GF04040GA4S01	GELC
Spring 4A	05/02/07	WG	UF	CS		Metals	SW-846:6010B	Barium		44.6			1	μα/L			185416	GU070400GA4S01	GELC
Spring 4A	09/18/06	WG	UF	CS		Metals	SW-846:6010B	Barium		38.3			1	$\mu g/=$			172500	GU060900GA4S01	GELC
Spring 4A	09/27/05	WG	UF	CS		Metals	SW-846:6010B	Barium		40			1	$\mu g/=$			146887	GU05090GA4S01	GELC
Spring 4A	05/02/07	WG	F	CS		Metals	SW-846:6010B	Boron		23.7			10	$\mu g/=$	J		185416	GF070400GA4S01	GELC
Spring 4A	09/18/06	WG	F	CS		Metals	SW-846:6010B	Boron	<	10			10	$\mu g/=$	Ŭ	UJ	172500	GF060900GA4S01	GELC
Spring 4A	09/27/05	WG	F	CS		Metals	SW-846:6010B	Boron		20.6			10	$\mu g/=$	J		146887	GF05090GA4S01	GELC
Spring 4A	09/14/04	WG	F	CS		Metals	SW-846:6010B	Boron	<	24.6			4.88	μα/L	J	U	121724	GF04090GA4S01	GELC
Spring 4A	04/15/04	WG	F	CS		Metals	SW-846:6010B	Boron		23.8			4.88	μα/L	-	<u> </u>	111062	GF04040GA4S01	GELC
Spring 4A	04/15/04	WG	F	DUP		Metals	SW-846:6010B	Boron		22.8			4.88	μ <u>α</u> /Ι			111062	GF04040GA4S01	GELC
Spring 4A	05/02/07	WG	UF	CS		Metals	SW-846:6010B	Boron		26.5			10	μ <u>α</u> /Ι	J		185416	GU070400GA4S01	GELC
Spring 4A	09/18/06	WG	UF	CS		Metals	SW-846:6010B	Boron	<	10			10	ug/L	Ŭ	UJ	172500	GU060900GA4S01	GELC
Spring 4A	09/27/05	WG	UF	CS		Metals	SW-846:6010B	Boron		22.1			10	ug/L	J		146887	GU05090GA4S01	GELC
Spring 4A	05/02/07	WG	F	CS		Metals	SW-846:6020	Chromium		5.3			1	ug/L	-		185416	GF070400GA4S01	GELC
Spring 4A	09/18/06	WG	F	CS		Metals	SW-846:6020	Chromium	<	7.1			1	ug/L		U	172500	GF060900GA4S01	GELC
Spring 4A	09/27/05	WG	F	CS		Metals	SW-846:6010B	Chromium		4			1	μ <u>α</u> /Ι	J	-	146887	GF05090GA4S01	GELC
Spring 4A	09/14/04	WG	F	CS		Metals	SW-846:6010B	Chromium		4.4			0.503	μ <u>α</u> /Ι	J		121724	GF04090GA4S01	GELC
Spring 4A	04/15/04	WG	F	CS		Metals	SW-846:6010B	Chromium	<	4.57			0.503	μ <u>α</u> /Ι	-	U	111062	GF04040GA4S01	GELC
Spring 4A	04/15/04	WG	F	DUP		Metals	SW-846:6010B	Chromium		5.01			0.503	μ <u>α</u> /Ι		-	111062	GF04040GA4S01	GELC
Spring 4A	05/02/07	WG	UF	CS		Metals	SW-846:6020	Chromium		4.5			1	μ <u>α</u> /Ι			185416	GU070400GA4S01	GELC
Spring 4A	09/18/06	WG	UF	CS		Metals	SW-846:6020	Chromium	<	6.9			1	μ <u>α</u> /Ι		U	172500	GU060900GA4S01	GELC
Spring 4A	09/27/05	WG	UF	CS		Metals	SW-846:6010B	Chromium		4			1	μ <u>α</u> /Ι	J	-	146887	GU05090GA4S01	GELC
Spring 4A	05/02/07	WG	F	CS		Metals	SW-846:6020	Nickel		0.64			0.5	μ <u>α</u> /Ι	J		185416	GF070400GA4S01	GELC
Spring 4A	09/18/06	WG	F	CS		Metals	SW-846:6020	Nickel		0.7			0.5	μ <u>α</u> /Ι	J		172500	GF060900GA4S01	GELC
Spring 4A	09/27/05	WG	F	CS		Metals	SW-846:6020	Nickel	<	0.5			0.5	μ <u>α</u> /Ι	Ŭ		146887	GF05090GA4S01	GELC
Spring 4A	09/14/04	WG	F	CS		Metals	SW-846:6010B	Nickel	<	0.69			0.69	$\mu g/=$	Ū		121724	GF04090GA4S01	GELC
Spring 4A	04/15/04	WG	F	CS		Metals	SW-846:6010B	Nickel	<	0.69			0.69	$\mu g = \mu g / L$	Ŭ		111062	GF04040GA4S01	GELC
Spring 4A	04/15/04	WG	F	DUP		Metals	SW-846:6010B	Nickel	<	0.69			0.69	$\mu g/=$	Ŭ		111062	GF04040GA4S01	GELC
Spring 4A	05/02/07	WG	UF	CS		Metals	SW-846:6020	Nickel		0.65			0.5	$\mu g/=$	J		185416	GU070400GA4S01	GELC
Spring 4A	09/18/06	WG	UF	CS		Metals	SW-846:6020	Nickel	<	0.5			0.5	$\mu g/=$	Ŭ		172500	GU060900GA4S01	GELC
Spring 4A	09/27/05	WG	UF	CS		Metals	SW-846:6020	Nickel	<	0.5			0.5	ua/L	Ū		146887	GU05090GA4S01	GELC
Spring 4A	05/02/07	WG	F	CS		Metals	SW-846:6010B	Strontium		103			1	$\mu g = \mu g / L$	-		185416	GF070400GA4S01	GELC
Spring 4A	09/18/06	WG	F	CS		Metals	SW-846:6010B	Strontium		94.7			1	$\mu g = \mu g / L$			172500	GF060900GA4S01	GELC
Spring 4A	09/27/05	WG	F	CS		Metals	SW-846:6010B	Strontium		95.9			1	$\mu g = \mu g / L$			146887	GF05090GA4S01	GELC
Spring 4A	09/14/04	WG	F	CS		Metals	SW-846:6010B	Strontium		92.2			0.178	$\mu g = \mu g / L$			121724	GF04090GA4S01	GELC
Spring 4A	04/15/04	WG	F	CS	1	Metals	SW-846:6010B	Strontium		102			0.178	ua/L	İ 👘	1	111062	GF04040GA4S01	GELC
Spring 4A	04/15/04	WG	F	DUP	1	Metals	SW-846:6010B	Strontium		102			0.178	ua/L		1	111062	GF04040GA4S01	GELC
Spring 4A	05/02/07	WG	UF	CS		Metals	SW-846:6010B	Strontium		101			1	ua/L	1		185416	GU070400GA4S01	GELC
Spring 4A	09/18/06	WG	UF	CS		Metals	SW-846:6010B	Strontium		95			1	ua/L	1		172500	GU060900GA4S01	GELC
Spring 4A	09/27/05	WG	UF	CS		Metals	SW-846:6010B	Strontium		98.1			1	ua/L	1		146887	GU05090GA4S01	GELC
Spring 4A	05/02/07	WG	F	CS		Metals	SW-846:6020	Thallium		0.43			0.4	ua/L	J		185416	GF070400GA4S01	GELC
Spring 4A	09/18/06	WG	F	CS		Metals	SW-846:6020	Thallium	<	0.4	1		0.4	μg/L	U		172500	GF060900GA4S01	GELC

		Field	Field	Lab Sample	Field QC										Lab	2nd			
Location	Date	Matrix	Prep	Type	Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Qual	Qual	Request	Sample	Lab
Spring 4A	09/27/05	WG	F	CS		Metals	SW-846:6020	Thallium	<	0.4			0.4	μg/L	U		146887	GF05090GA4S01	GELC
Spring 4A	09/14/04	WG	F	CS		Metals	SW-846:6020	Thallium	<	0.62			0.02	μg/L		U	121724	GF04090GA4S01	GELC
Spring 4A	04/15/04	WG	F	CS		Metals	SW-846:6020	Thallium	<	0.709			0.02	μg/L		U	111062	GF04040GA4S01	GELC
Spring 4A	04/15/04	WG	F	DUP		Metals	SW-846:6020	Thallium		0.263			0.02	μg/L			111062	GF04040GA4S01	GELC
Spring 4A	09/18/06	WG	UF	CS		Metals	SW-846:6020	Thallium	<	0.4			0.4	μg/L	U		172500	GU060900GA4S01	GELC
Spring 4A	09/27/05	WG	UF	CS		Metals	SW-846:6020	Thallium	<	0.4			0.4	μg/L	U		146887	GU05090GA4S01	GELC
Spring 4A	05/02/07	WG	F	CS		Metals	SW-846:6020	Uranium		1.1			0.05	μg/L			185416	GF070400GA4S01	GELC
Spring 4A	09/18/06	WG	F	CS		Metals	SW-846:6020	Uranium		1.1			0.05	μg/L			172500	GF060900GA4S01	GELC
Spring 4A	09/27/05	WG	F	CS		Metals	SW-846:6020	Uranium		1.1			0.05	μg/L			146887	GF05090GA4S01	GELC
Spring 4A	09/14/04	WG	F	CS		Metals	SW-846:6020	Uranium		0.98			0.02	μg/L			121724	GF04090GA4S01	GELC
Spring 4A	04/15/04	WG	F	CS		Metals	SW-846:6020	Uranium		1.11			0.02	μg/L			111062	GF04040GA4S01	GELC
Spring 4A	04/15/04	WG	F	DUP		Metals	SW-846:6020	Uranium		1.1			0.02	μg/L			111062	GF04040GA4S01	GELC
Spring 4A	05/02/07	WG	UF	CS		Metals	SW-846:6020	Uranium		1.2			0.05	μg/L			185416	GU070400GA4S01	GELC
Spring 4A	09/18/06	WG	UF	CS		Metals	SW-846:6020	Uranium		1			0.05	μg/L			172500	GU060900GA4S01	GELC
Spring 4A	09/27/05	WG	UF	CS		Metals	SW-846:6020	Uranium		1.1			0.05	μg/L			146887	GU05090GA4S01	GELC
Spring 4A	05/02/07	WG	F	CS		Metals	SW-846:6010B	Vanadium		6.6			1	μg/L		J+	185416	GF070400GA4S01	GELC
Spring 4A	09/18/06	WG	F	CS		Metals	SW-846:6010B	Vanadium		6.9			1	μg/L			172500	GF060900GA4S01	GELC
Spring 4A	09/27/05	WG	F	CS		Metals	SW-846:6010B	Vanadium	_	7			1	μg/L			146887	GF05090GA4S01	GELC
Spring 4A	09/14/04	WG	F	CS		Metals	SW-846:6010B	Vanadium		7.3			0.606	μg/L			121724	GF04090GA4S01	GELC
Spring 4A	04/15/04	WG	F	CS		Metals	SW-846:6010B	Vanadium		7.76			0.606	μg/L			111062	GF04040GA4S01	GELC
Spring 4A	04/15/04	WG	F	DUP		Metals	SW-846:6010B	Vanadium		8.59			0.606	μg/L			111062	GF04040GA4S01	GELC
Spring 4A	09/18/06	WG	UF	CS		Metals	SW-846:6010B	Vanadium		6.9			1	μg/L			172500	GU060900GA4S01	GELC
Spring 4A	09/27/05	WG		CS		Metals	SW-846:6010B			7.4	0.00570	0 00707	1	μg/L			146887	GU05090GA4S01	GELC
Spring 4A	05/02/07	WG				Rad		I ritium		0.98983	0.09579	0.28737		pCI/L		J	2337	UU070400GA4S01	
Spring 4A	09/18/06	WG				Rad		I ritium		0.51088	0.09579	0.28737		pCI/L		U	2273	00060900GA4S01	
Spring 4A	09/27/05	WG				Rau Rad	EPA.906.0	Tritium	-	171	19.7	197		pCi/L			140007	GU05090GA4501	
Spring 4A	09/14/04	WG		CS		Rau Rad	EFA.900.0	Tritium		-17.1 27.9	12 86666667	100		pCi/L			121725	GU04090GA4301	
Spring 4A	04/15/04	WG				Rad	EPA:006.0	Tritium		27.0	13.00000007	135		pCi/L		0	111062	GU04040GA4301 GU04040GA4S01	
Spring 4A	04/13/04	WG	F			Geninora	EPA:310.1	Alkalinity-CO.+HCO.		82 /	13.30000007	155	0 725	ma/l	0		185/16	GE070400GA4301	GELC
	00/02/01	14/0		00		Continent	EDA:010.1			02.4			0.720	mg/∟			470500		
Spring 4AA	09/18/06	WG	F	US		Geninorg	EPA:310.1	Alkalinity-CO ₃ +HCO ₃		83.9			0.725	mg/L			172500	GF060900GAA401	GELC
Spring 4AA	09/27/05	WG	F	CS		Geninorg	EPA:310.1	Alkalinity-CO ₃ +HCO ₃		76.2			1.45	mg/L			146887	GF05090GAA401	GELC
Spring 4AA	09/18/06	WG	UF	CS		Geninorg	EPA:310.1	Alkalinity-CO ₃ +HCO ₃		83.9			0.725	mg/L			172500	GU060900GAA401	GELC
Spring 4AA	09/14/04	WG	UF	CS		Geninorg	EPA:310.1	Alkalinity-CO ₃ +HCO ₃		77.9			1.45	mg/L		J	121725	GU04090GAA401	GELC
Spring 4AA	05/02/07	WG	F	CS		Geninorg	EPA:300.0	Bromide		0.1			0.066	mg/L	J		185416	GF070400GAA401	GELC
Spring 4AA	09/18/06	WG	F	CS		Geninorg	EPA:300.0	Bromide		0.081			0.066	mg/L	J		172500	GF060900GAA401	GELC
Spring 4AA	09/27/05	WG	F	CS		Geninorg	EPA:300.0	Bromide		0.061			0.041	mg/L	J		146887	GF05090GAA401	GELC
Spring 4AA	09/18/06	WG	UF	CS		Geninorg	EPA:300.0	Bromide		0.075			0.066	mg/L	J		172500	GU060900GAA401	GELC
Spring 4AA	05/02/07	WG	F	CS		Geninorg	SW-846:6010B	Calcium		22.4			0.036	mg/L			185416	GF070400GAA401	GELC
Spring 4AA	09/18/06	WG	F	CS		Geninorg	SW-846:6010B	Calcium		20.9			0.036	mg/L			172500	GF060900GAA401	GELC
Spring 4AA	05/02/07	WG	UF	CS		Geninorg	SW-846:6010B	Calcium		21.2			0.036	mg/L			185416	GU070400GAA401	GELC
Spring 4AA	09/18/06	WG	UF	CS		Geninorg	SW-846:6010B	Calcium		21.3			0.036	mg/L			172500	GU060900GAA401	GELC
Spring 4AA	09/14/04	WG	UF	CS		Geninorg	SW-846:6010B	Calcium		21.8			0.00554	mg/L			121725	GU04090GAA401	GELC
Spring 4AA	05/02/07	WG	F	CS		Geninorg	EPA:300.0	Chloride		5.52			0.066	mg/L			185416	GF070400GAA401	GELC
Spring 4AA	09/18/06	WG	F	CS		Geninorg	EPA:300.0	Chloride		5.74			0.066	mg/L			172500	GF060900GAA401	GELC
Spring 4AA	09/27/05	WG	F	CS		Geninorg	EPA:300.0	Chloride		5.85			0.053	mg/L			146887	GF05090GAA401	GELC
Spring 4AA	09/18/06	WG	UF	CS	ļ	Geninorg	EPA:300.0	Chloride		5.74		ļ	0.066	mg/L			172500	GU060900GAA401	GELC
Spring 4AA	09/14/04	WG	UF	CS	ļ	Geninorg	EPA:300.0	Chloride		5.65		ļ	0.0322	mg/L	<u> </u>		121725	GU04090GAA401	GELC
Spring 4AA	05/02/07	WG	IF	CS	ļ	Geninorg	EPA:300.0	Fluoride		0.492		ļ	0.033	mg/L	<u> </u>	l	185416	GF070400GAA401	GELC
Spring 4AA	09/18/06	WG	IF	CS		Geninorg	EPA:300.0	Fluoride		0.507			0.033	mg/L	1	J+	172500	GF060900GAA401	GELC

r	-		-	-	1	-	1	Analytical Results	-	1	1	1	1	1		1	1	r	
Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4AA	09/27/05	WG	F	CS		Geninora	EPA:300.0	Fluoride		0.517			0.03	ma/L			146887	GF05090GAA401	GELC
Spring 4AA	09/18/06	WG	UF	CS		Geninora	EPA:300.0	Fluoride		0.499			0.033	ma/L		J+	172500	GU060900GAA401	GELC
Spring 4AA	09/14/04	WG	UF	CS		Geninora	EPA:300.0	Fluoride		0.532			0.0553	ma/L			121725	GU04090GAA401	GELC
Spring 4AA	05/02/07	WG	F	CS		Geninorg	SM·A2340B	Hardness		78.8			0.0000	ma/l			185416	GE070400GAA401	GELC
Spring 4AA	09/18/06	WG	F	CS		Geninorg	SM:A2340B	Hardness		73.1			0.085	ma/l			172500	GE060900GAA401	GELC
Spring 4AA	05/02/07	WG	UF	CS		Geninorg	SM:A2340B	Hardness		74.8			0.000	ma/l			185416	GU070400GAA401	GELC
Spring 4AA	09/18/06	WG	UF	CS		Geninorg	SM:A2340B	Hardness		74.7			0.085	ma/l			172500	GU060900GAA401	GELC
Spring 444	09/14/04	WG		CS		Geninorg	EPA:200 7	Hardness		77 4			0.00554	mg/L			121725	GU04090GAA401	GELC
Spring 444	05/02/07	WG	F	CS		Geninorg	SW-846:6010B	Magnesium		5 55			0.00004	mg/L			185416	GE070400GAA401	GELC
Spring 4AA	09/18/06	WG	F	<u> </u>		Geninorg	SW-846:6010B	Magnesium		5.08			0.000	mg/L			172500		
Spring 4AA	05/02/07	WG		CS		Geninorg	SW-846:6010B	Magnesium		5.00			0.005	mg/L			195/16	GL1070400CAA401	
Spring 4AA	00/12/07	WG				Coninorg	SW-040.0010D	Magnesium		5.29			0.005	mg/L mg/l			172500	GU070400GAA401	
Spring 4AA	09/16/06	WG				Geninorg	SW-646.6010B	Magnesium		5.23 E E7			0.00519	mg/∟ mg/l			172300	GU060900GAA401	
Spring 4AA	09/14/04	WG				Geninorg	500-040.0010D	Nitrote Nitrite ee N		5.57			0.00516	mg/∟			121723	G004090GAA401	
Spring 4AA	05/02/07	WG				Geninorg	EPA:353.2	Nitrate-Nitrite as N		1.66			0.1	mg/L			185416	GF070400GAA401	GELC
Spring 4AA	09/18/06	WG				Geninorg	EPA:353.1	Nitrate-Nitrite as N		1.02			0.014	mg/L			172500	GF060900GAA401	GELC
Spring 4AA	09/27/05	WG		CS	-	Geninorg	EPA:353.1	Nitrate-Nitrite as N	_	0.924			0.017	mg/L			146887	GF05090GAA401	GELC
Spring 4AA	09/18/06	WG		CS		Geninorg	EPA:353.1	Nitrate-Nitrite as N	_	1.05			0.014	mg/L			172500	GU060900GAA401	GELC
Spring 4AA	09/14/04	WG	<u>UF</u>	CS		Geninorg	EPA:353.1	Nitrate-Nitrite as N		1.01			0.003	mg/L		J	121/25	GU04090GAA401	GELC
Spring 4AA	05/02/07	WG		CS		Geninorg	SW-846:6850	Perchlorate		0.568			0.05	μg/L		J-	185416	GF070400GAA401	GELC
Spring 4AA	09/18/06	WG	F	CS		Geninorg	EPA:314.0	Perchlorate	<	4			4	μg/L	U		172500	GF060900GAA401	GELC
Spring 4AA	09/18/06	WG	F	CS		Geninorg	SW846 6850	Perchlorate		0.545			0.05	μ g/L			172500	GF060900GAA401	GELC
Spring 4AA	09/27/05	WG	F	CS		Geninorg	SW846 6850	Perchlorate		0.563			0.05	μg/L			146887	GF05090GAA401	GELC
Spring 4AA	09/27/05	WG	F	CS		Geninorg	EPA:314.0	Perchlorate	<	4			4	μg/L	U		146887	GF05090GAA401	GELC
Spring 4AA	09/14/04	WG	UF	CS		Geninorg	EPA:314.0	Perchlorate	<	4			4	μg/L	U		121725	GU04090GAA401	GELC
Spring 4AA	09/14/04	WG	UF	CS		Geninorg	SW846 6850	Perchlorate		0.548			0.05	μg/L			121725	GU04090GAA401	GELC
Spring 4AA	03/05/04	WG	UF	CS		Geninorg	SW846 6850	Perchlorate		0.497				μ g/L			108593	GU04030GAA401	GELC
Spring 4AA	03/05/04	WG	UF	CS		Geninorg	EPA:314.0	Perchlorate	<	4			4	μ g/L	U		108593	GU04030GAA401	GELC
Spring 4AA	05/02/07	WG	F	CS		Geninorg	SW-846:6010B	Potassium		2.43			0.05	mg/L			185416	GF070400GAA401	GELC
Spring 4AA	09/18/06	WG	F	CS		Geninorg	SW-846:6010B	Potassium		2.07			0.05	mg/L			172500	GF060900GAA401	GELC
Spring 4AA	05/02/07	WG	UF	CS		Geninorg	SW-846:6010B	Potassium		2.27			0.05	mg/L			185416	GU070400GAA401	GELC
Spring 4AA	09/18/06	WG	UF	CS		Geninorg	SW-846:6010B	Potassium		2.13			0.05	mg/L			172500	GU060900GAA401	GELC
Spring 4AA	09/14/04	WG	UF	CS		Geninorg	SW-846:6010B	Potassium		2.16			0.0165	mg/L			121725	GU04090GAA401	GELC
Spring 4AA	05/02/07	WG	F	CS		Geninorg	SW-846:6010B	Silicon Dioxide		68			0.032	mg/L			185416	GF070400GAA401	GELC
Spring 4AA	09/18/06	WG	F	CS		Geninorg	SW-846:6010B	Silicon Dioxide		65			0.032	mg/L	E	J	172500	GF060900GAA401	GELC
Spring 4AA	09/18/06	WG	UF	CS		Geninorg	SW-846:6010B	Silicon Dioxide		66.8			0.032	mg/L	E	J	172500	GU060900GAA401	GELC
Spring 4AA	09/14/04	WG	UF	CS		Geninorg	SW-846:6010B	Silicon Dioxide		64.4			0.106	mg/L			121725	GU04090GAA401	GELC
Spring 4AA	05/02/07	WG	F	CS		Geninorg	SW-846:6010B	Sodium		13			0.045	mg/L			185416	GF070400GAA401	GELC
Spring 4AA	09/18/06	WG	F	CS		Geninora	SW-846:6010B	Sodium		12.3			0.045	ma/L	E	J	172500	GF060900GAA401	GELC
Spring 4AA	05/02/07	WG	UF	CS		Geninora	SW-846:6010B	Sodium		12.2			0.045	ma/L		-	185416	GU070400GAA401	GELC
Spring 4AA	09/18/06	WG	UF	CS		Geninora	SW-846:6010B	Sodium		12.8			0.045	ma/L	E	J	172500	GU060900GAA401	GELC
Spring 4AA	09/14/04	WG	UF	CS		Geninorg	SW-846:6010B	Sodium		12.5			0.0144	ma/l	-	•	121725	GU04090GAA401	GELC
Spring 4AA	05/02/07	WG	F	CS		Geninorg	EPA-120 1	Specific Conductance		212			1	uS/cm			185416	GE070400GAA401	GELC
Spring 444	09/18/06	WG	F	CS		Geninorg	EPA:120.1	Specific Conductance		216			1	uS/cm			172500	GE060900GAA401	GELC
Spring 4AA	09/27/05	WG	İF	CS	1	Geninorg	EPA:120.1	Specific Conductance		186	1		1	$\mu S/cm$		1	146887	GF05090GAA401	GELC
	09/18/06	WG		CS		Geninorg	EPA:120.1	Specific Conductance		216			1	uS/cm			172500		GELO
Spring 444	05/02/07	WG	F	CS		Geninorg	FPA:300.0	Sulfate		6 71			0.1	ma/l			185/116	GE070400GAA401	GELO
Spring 4AA	00/12/07	WC		<u> </u>		Geninorg		Sulfate		6.82			0.1	mg/⊑			172500	GE060000CAA401	
Spring 4AA	09/10/00	WG		<u> </u>		Geninorg	EDA:300.0	Sulfate		7.05			0.1	mg/L	1		1/6227	GE05000GAA401	
Spring 4AA	09/27/05	WC		<u> </u>	+	Coninora		Sulfato	+	6.82	1		0.037	mg/L	+	-	172500		
Spring 4AA	09/10/00	WC		<u> </u>	+	Coninora		Sulfato	+	6.76	1		0.1	mg/L	+	1	121725	GU000900GAA401	
Spring 4AA	05/02/07	WG				Coning	EPA:160.0	Sumandad Sadimant Canaanterting		0.70			1 1 4	mg/∟			105440		
Spring 4AA	05/02/07	WG	UF	60	1	Geninorg	EPA: 160.2	Suspended Sediment Concentration	1	1ŏ.Z			1.14	rng/∟		1	100416	GUU70400GAA401	GELU

r	-		-	1	-		1	Analytical Results	-	1	1	1	1	1	-	1	1	r	
Location	Date	Field Matrix	Field Prep	Lab Sample	Field QC	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDI	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4AA	09/18/06	WG	UF	CS	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Geninora	EPA:160.2	Suspended Sediment Concentration	<	1.43			1.43	ma/L	U		172500	GU060900GAA401	GELC
Spring 4AA	09/27/05	WG	UF	CS		Geninora	EPA:160.2	Suspended Sediment Concentration		1.07			1.02	ma/L	J		146887	GU05090GAA401	GELC
Spring 4AA	05/02/07	WG	F	CS		Geninora	EPA:160.1	Total Dissolved Solids		170			2.38	ma/L	Ŭ.		185416	GF070400GAA401	GELC
Spring 4AA	09/18/06	WG	F	CS		Geninorg	EPA:160.1	Total Dissolved Solids		180			2.38	ma/l			172500	GE060900GAA401	GELC
Spring 4AA	09/18/06	WG	F	CS		Geninorg	EPA:160.1	Total Dissolved Solids		181			2.38	ma/l			172500	GU060900GAA401	GELC
Spring 4AA	09/27/05	WG	F	CS		Geninora	EPA:160.1	Total Dissolved Solids		189			2.38	ma/L			146887	GE05090GAA401	GELC
Spring 4AA	09/14/04	WG	F	CS		Geninorg	EPA:160.1	Total Dissolved Solids		179			3.07	ma/l		J	121725	GU04090GAA401	GELC
Spring 4AA	05/02/07	WG	UF	CS		Geninorg	SW-846:9060	Total Organic Carbon		0.384			0.33	ma/l		Ŭ	185416	GU070400GAA401	GELC
Spring 4AA	09/18/06	WG	UF	CS		Geninorg	SW-846:9060	Total Organic Carbon		0.618			0.33	ma/l	.1		172311	GU060900GAA402	GELC
Spring 444	05/02/07	WG	F	CS		Geninorg	EPA:150 1	nH		7.65			0.00	SU	н	1	185416	GE070400GAA401	GELC
Spring 444	09/18/06	WG	F	CS		Geninorg	EPA:150.1	pH		7.00			0.01	SU	Ц		172500	GE060900GAA401	GELC
Spring 444	09/27/05	WG	F	CS		Geninorg	EPA:150.1	pH		6.03			0.01	SU	Ц		1/6887	GE05090GAA401	GELC
Spring 4AA	09/21/05	WG		<u>CS</u>		Geninorg	EPA:150.1	pH		7.46			0.01	<u>SU</u>	Ц	J 1	172500		
Spring 4AA	09/18/06	WG		CS		Motols	SW/ 846-6010B	Aluminum	-	69			68	30 		J	172500	GE06000GAA401	
Spring 4AA	09/10/00	WG				Motolo	SW-040.0010D	Aluminum	<	00 72 0	+		60	µg/∟			195/16		
Spring 4AA	00/12/07	WG		CS		Metals	SW-040.0010D	Aluminum		72.0			60	µg/∟	J		100410	GU070400GAA401	
Spring 4AA	09/16/06	WG				Metals	SW-040.0010D	Aroonio	<	00			00	µg/∟	0		172300	G0060900GAA401	
Spring 4AA	05/02/07	WG				Metals	SVV-846:6020	Arsenic		4.5			1.5	μg/L	J		185416	GF070400GAA401	
Spring 4AA	09/18/06	WG				Metals	SW-846:6010B	Arsenic	<	6			0	μg/L	0		172500	GF060900GAA401	GELC
Spring 4AA	05/02/07	WG				Metals	SW-846:6020	Arsenic		3.3			1.5	μg/L	J		185416	GU070400GAA401	GELC
Spring 4AA	09/18/06	WG		CS		Metals	SW-846:6010B	Arsenic	<	6			6	μg/L	U		172500	GU060900GAA401	GELC
Spring 4AA	05/02/07	WG		CS		Metals	SW-846:6010B	Barium		41.2	-		1	μg/L			185416	GF070400GAA401	GELC
Spring 4AA	09/18/06	WG		CS		Metals	SW-846:6010B	Barium		36.7	-		1	μg/L			172500	GF060900GAA401	GELC
Spring 4AA	05/02/07	WG		CS		Metals	SW-846:6010B	Barium		40	-		1	μg/L			185416	GU070400GAA401	GELC
Spring 4AA	09/18/06	WG		CS		Metals	SW-846:6010B	Barium		37.4			1	μg/L			172500	GU060900GAA401	GELC
Spring 4AA	05/02/07	WG	F	CS		Metals	SW-846:6010B	Boron		24.8			10	μg/L	J		185416	GF070400GAA401	GELC
Spring 4AA	09/18/06	WG	F	CS		Metals	SW-846:6010B	Boron	<	10			10	μg/L	U	UJ	172500	GF060900GAA401	GELC
Spring 4AA	05/02/07	WG	UF	CS		Metals	SW-846:6010B	Boron		24.3			10	μg/L	J		185416	GU070400GAA401	GELC
Spring 4AA	09/18/06	WG	UF	CS		Metals	SW-846:6010B	Boron	<	10			10	μg/L	U	UJ	172500	GU060900GAA401	GELC
Spring 4AA	05/02/07	WG	F	CS		Metals	SW-846:6020	Chromium		4.3			1	μg/L			185416	GF070400GAA401	GELC
Spring 4AA	09/18/06	WG	F	CS		Metals	SW-846:6020	Chromium	<	6.5			1	μg/L		U	172500	GF060900GAA401	GELC
Spring 4AA	05/02/07	WG	UF	CS		Metals	SW-846:6020	Chromium		4			1	μg/L			185416	GU070400GAA401	GELC
Spring 4AA	09/18/06	WG	UF	CS		Metals	SW-846:6020	Chromium	<	6.6			1	μg/L		U	172500	GU060900GAA401	GELC
Spring 4AA	09/18/06	WG	F	CS		Metals	SW-846:6010B	Iron	<	18			18	μg/L	U		172500	GF060900GAA401	GELC
Spring 4AA	05/02/07	WG	UF	CS		Metals	SW-846:6010B	Iron		61.1			18	μg/L	J		185416	GU070400GAA401	GELC
Spring 4AA	09/18/06	WG	UF	CS		Metals	SW-846:6010B	Iron		39.6			18	μg/L	J		172500	GU060900GAA401	GELC
Spring 4AA	05/02/07	WG	F	CS		Metals	SW-846:6020	Nickel		0.99			0.5	μg/L	J		185416	GF070400GAA401	GELC
Spring 4AA	09/18/06	WG	F	CS		Metals	SW-846:6020	Nickel		0.8			0.5	μg/L	J		172500	GF060900GAA401	GELC
Spring 4AA	05/02/07	WG	UF	CS		Metals	SW-846:6020	Nickel		0.68			0.5	μg/L	J		185416	GU070400GAA401	GELC
Spring 4AA	09/18/06	WG	UF	CS		Metals	SW-846:6020	Nickel		0.59			0.5	μg/L	J		172500	GU060900GAA401	GELC
Spring 4AA	05/02/07	WG	F	CS		Metals	SW-846:6010B	Strontium		106			1	μg/L			185416	GF070400GAA401	GELC
Spring 4AA	09/18/06	WG	F	CS		Metals	SW-846:6010B	Strontium		99.7			1	μg/L			172500	GF060900GAA401	GELC
Spring 4AA	05/02/07	WG	UF	CS		Metals	SW-846:6010B	Strontium		102			1	μg/L			185416	GU070400GAA401	GELC
Spring 4AA	09/18/06	WG	UF	CS		Metals	SW-846:6010B	Strontium		101			1	μg/L			172500	GU060900GAA401	GELC
Spring 4AA	05/02/07	WG	F	CS		Metals	SW-846:6020	Uranium		0.92			0.05	μg/L			185416	GF070400GAA401	GELC
Spring 4AA	09/18/06	WG	F	CS	1	Metals	SW-846:6020	Uranium		1	1	Ì	0.05	μg/L	Ĭ	1	172500	GF060900GAA401	GELC
Spring 4AA	05/02/07	WG	UF	CS	1	Metals	SW-846:6020	Uranium		0.81		İ	0.05	ug/L		İ	185416	GU070400GAA401	GELC
Spring 4AA	09/18/06	WG	UF	CS		Metals	SW-846:6020	Uranium		0.9			0.05	ug/L	1		172500	GU060900GAA401	GELC
Spring 4AA	05/02/07	WG	F	CS		Metals	SW-846:6010B	Vanadium	1	5.7	1		1	ug/l	1	J+	185416	GF070400GAA401	GELC
Spring 4AA	09/18/06	WG	F	CS		Metals	SW-846:6010B	Vanadium	1	5.6	1		1	ug/l	1	1	172500	GF060900GAA401	GELC
Spring 4AA	09/18/06	WG	UF	CS		Metals	SW-846:6010B	Vanadium		5.6			1	ug/L			172500	GU060900GAA401	GELC
Spring 4AA	05/02/07	WG	UF	CS		Rad	LLEE	Tritium		2,20317	0.09579	0.28737		pCi/L			2337	UU070400GAA401	UMTI
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Location	Date	Field Matrix	Field	Lab Sample	Field QC	; Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDI	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4AA	09/18/06	WG	UF	CS	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Rad	LLEE	Tritium		2.61826	0.09579	0.28737		pCi/L	qua	4.4.4.	2273	UU060900GAA401	UMTL
Spring 4AA	01/28/02	WG	UF	CS		Rad	LLEE	Tritium		3.193	0.06386		0.28737	pCi/L			JB1575	MU02011GAA4	UMTL
Spring 4B	05/01/07	WG	F	CS		Geninorg	EPA:310.1	Alkalinity-CO ₃		1.12			0.725	mg/L			185322	GF070400GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS		Geninorg	EPA:310.1	Alkalinity-CO ₂		12			0 725	ma/l			172500	GE060900GB4S01	GELC
Spring 4P	00/26/05	WC		00 CS		Coninorg	EDA:210.1			1.45			1 15	mg/L	11		1/2000	CE05000CB4S01	
	09/20/03	WG		0.3		Geninorg	EFA.310.1		<	1.40			1.40	mg/∟	0		140007	GF03090GB4301	GELC
Spring 4B	09/18/06	WG	U⊦	CS		Geninorg	EPA:310.1	Alkalinity-CO ₃		0.989			0.725	mg/L	J		172500	GU060900GB4S01	GELC
Spring 4B	09/14/04	WG	UF	CS		Geninorg	EPA:310.1	Alkalinity-CO ₃	<	1.45			1.45	mg/L	U	UJ	121725	GU04090GB4S01	GELC
Spring 4B	05/01/07	WG	F	CS		Geninorg	EPA:310.1	Alkalinity-CO ₃ +HCO ₃		78.2			0.725	mg/L			185322	GF070400GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS		Geninorg	EPA:310.1	Alkalinity-CO ₃ +HCO ₃		95.8			0.725	mg/L			172500	GF060900GB4S01	GELC
Spring 4B	09/26/05	WG	F	CS		Geninorg	EPA:310.1	Alkalinity-CO ₃ +HCO ₃		90.2			1.45	mg/L			146887	GF05090GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS		Geninorg	EPA:310.1	Alkalinity-CO ₃ +HCO ₃		94.8			0.725	mg/L			172500	GU060900GB4S01	GELC
Spring 4B	09/14/04	WG	UF	cs		Geninora	EPA:310.1	Alkalinity-CO ₂ +HCO ₂		95.1			1.45	ma/L		J	121725	GU04090GB4S01	GELC
Spring /B	05/01/07	WG	с. Г	CS		Geninorg	EPA:300.0	Bromide		0 100			0.066	mg/L	1	Ŭ.	185322	GE070400GB4S01	
Spring 4B	09/18/06	WG	F	CS		Geninorg	EPA:300.0	Bromide		0.103			0.000	mg/L	1		172500	GF060900GB4S01	GELC
Spring 4B	09/26/05	WG	F	CS		Geninorg	EPA:300.0	Bromide		0.070			0.000	mg/L	J		146887	GF05090GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS		Geninora	EPA:300.0	Bromide		0.077			0.066	ma/L	J		172500	GU060900GB4S01	GELC
Spring 4B	05/01/07	WG	F	CS		Geninora	SW-846:6010B	Calcium		26.8			0.036	ma/L			185322	GF070400GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS		Geninorg	SW-846:6010B	Calcium		25.4			0.036	mg/L			172500	GF060900GB4S01	GELC
Spring 4B	05/01/07	WG	UF	CS		Geninorg	SW-846:6010B	Calcium		27.3			0.036	mg/L			185322	GU070400GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS		Geninorg	SW-846:6010B	Calcium		26.5			0.036	mg/L			172500	GU060900GB4S01	GELC
Spring 4B	09/14/04	WG	UF	CS		Geninorg	SW-846:6010B	Calcium		27.6			0.00554	mg/L			121725	GU04090GB4S01	GELC
Spring 4B	05/01/07	WG	F	CS		Geninorg	EPA:300.0	Chloride		7.19			0.066	mg/L			185322	GF070400GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS		Geninorg	EPA:300.0	Chloride		7.71			0.066	mg/L			172500	GF060900GB4S01	GELC
Spring 4B	09/26/05	WG	F	CS		Geninorg	EPA:300.0	Chloride		7.9			0.053	mg/L			146887	GF05090GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS		Geninorg	EPA:300.0	Chloride		7.73			0.066	mg/L			172500	GU060900GB4S01	GELC
Spring 4B	09/14/04	WG	UF	CS		Geninorg	EPA:300.0	Chloride		7.68			0.0322	mg/L			121725	GU04090GB4S01	GELC
Spring 4B	05/01/07	WG	F	CS		Geninorg	EPA:300.0	Fluoride		0.459			0.033	mg/L			185322	GF070400GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS		Geninorg	EPA:300.0	Fluoride	<	0.472			0.033	mg/L		U	172500	GF060900GB4S01	GELC
Spring 4B	09/26/05	WG	F	CS		Geninorg	EPA:300.0	Fluoride	_	0.47			0.03	mg/L	_		146887	GF05090GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS		Geninorg	EPA:300.0	Fluoride	<	0.466			0.033	mg/L	_	U	172500	GU060900GB4S01	GELC
Spring 4B	09/14/04	WG		CS		Geninorg	EPA:300.0	Fluoride	_	0.51			0.0553	mg/L			121725	GU04090GB4S01	GELC
Spring 4B	05/01/07	WG				Geninorg	SM:A2340B	Hardness	_	90.1			0.44	mg/L			185322	GF070400GB4S01	GELC
Spring 4B	09/18/06	WG				Geninorg	SIVI:AZ340B	Hardness		02.2			0.085	mg/L			172500	GF060900GB4501	GELC
Spring 4B	00/18/06	WG				Geninorg	SIVI.A2340B	Hardnoss		92.3			0.44	mg/L			172500	GU070400GB4301	
Spring 4B	09/18/08	WG		<u>CS</u>		Geninorg	5WI.A2340D ΕΡΔ·200 7	Hardness		03.1			0.005	mg/L			121725	GU000900GB4301	GELC
Spring 4B	05/01/07	WG	F	CS		Geninorg	SW-846:6010B	Magnesium		56			0.00334	mg/L			185322	GE070400GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS		Geninorg	SW-846:6010B	Magnesium		5.0			0.000	mg/L			172500	GE060900GB4S01	GELC
Spring 4B	05/01/07	WG	UF	CS		Geninora	SW-846:6010B	Magnesium		5.87			0.085	mg/L			185322	GU070400GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS		Geninora	SW-846:6010B	Magnesium		5.59			0.085	ma/L			172500	GU060900GB4S01	GELC
Spring 4B	09/14/04	WG	UF	CS		Geninora	SW-846:6010B	Magnesium		6.05			0.00518	ma/L			121725	GU04090GB4S01	GELC
Spring 4B	05/01/07	WG	F	CS		Geninorg	EPA:353.2	Nitrate-Nitrite as N		0.671			0.01	mg/L			185322	GF070400GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS		Geninorg	EPA:353.1	Nitrate-Nitrite as N		0.383			0.014	mg/L			172500	GF060900GB4S01	GELC
Spring 4B	09/26/05	WG	F	CS		Geninorg	EPA:353.1	Nitrate-Nitrite as N		0.239			0.017	mg/L	1	1	146887	GF05090GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS		Geninorg	EPA:353.1	Nitrate-Nitrite as N		0.451			0.014	mg/L			172500	GU060900GB4S01	GELC
Spring 4B	09/14/04	WG	UF	CS		Geninorg	EPA:353.1	Nitrate-Nitrite as N		0.282			0.003	mg/L		J	121725	GU04090GB4S01	GELC
Spring 4B	05/01/07	WG	F	CS		Geninorg	SW-846:6850	Perchlorate		0.426			0.05	μg/L		J-	185322	GF070400GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS		Geninorg	SW846 6850	Perchlorate		0.371			0.05	μg/L			172500	GF060900GB4S01	GELC

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Location	Date	Field Matrix	Field	Lab Sample	Field QC	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	ΜΠΔ	мы	Units	Lab	2nd Qual	Request	Sample	Lah
Spring 4B	09/18/06	WG	F	CS	1900	Geninora	FPA:314 0	Perchlorate	<	4	r olgina rr o	mert	4		11	quui	172500	GE060900GB4S01	GELC
Spring 4B	09/26/05	WG	F	CS		Geninorg	EPA:314.0	Perchlorate	~	4			4	µg/∟ µg/l	U U		146887	GE05090GB4S01	GELC
Spring 4B	09/26/05	WG	F	CS		Geninorg	SW846 6850	Perchlorate		0.321			0.05	µg/∟ ug/l	Ŭ		146887	GF05090GB4S01	GELC
Spring 4B	09/14/04	WG	UF	CS		Geninorg	SW846 6850	Perchlorate		0.021			0.05	µg/∟ ug/l			121725	GU04090GB4S01	GELC
Spring 4B	09/14/04	WG	UF	CS		Geninorg	EPA:314.0	Perchlorate	٢	4			4	µg/∟ µg/l	U		121725	GU04090GB4S01	GELC
Spring 4B	03/05/04	WG	UF	CS		Geninorg	EPA:314.0	Perchlorate	~	4			4	µg/∟ µg/l	U U		108593	GU04030GB4S01	GELC
Spring 4B	03/05/04	WG	UF	CS		Geninorg	SW846 6850	Perchlorate	<u> </u>	0 445				µg/∟ µg/l	Ŭ	N.I	108593	GU04030GB4S01	GELC
Spring 4B	05/01/07	WG	F	CS		Geninorg	SW-846:6010B	Potassium		2 81			0.05	μg/∟ mα/l		110	185322	GE070400GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS		Geninorg	SW-846:6010B	Potassium		2.63			0.05	ma/l			172500	GE060900GB4S01	GELC
Spring 4B	05/01/07	WG	IUF	CS		Geninorg	SW-846:6010B	Potassium		2.00			0.05	ma/l			185322	GU070400GB4S01	GELC
Spring 4B	09/18/06	WG		CS		Geninorg	SW-846:6010B	Potassium		2.35			0.05	mg/L			172500	GU060900GB4S01	GELC
Spring 4B	09/10/00	WG		<u> </u>		Geninorg	SW-846:6010B	Potassium		2.00			0.00	mg/L			121725	GU000000000000000000000000000000000000	GELC
Spring 4B	05/01/07	WG		<u>CS</u>		Geninorg	SW-846:6010B	Silicon Dioxide		2.33 55 2			0.0103	mg/L			185322	GE070400GB4S01	
Spring 4B	09/18/06	WG	F	<u>CS</u>		Geninorg	SW-846:6010B	Silicon Dioxide		51.2			0.032	mg/L	E	1	172500	GF060000GB4S01	
Spring 4B	09/18/06	WG		<u>CS</u>		Geninorg	SW-846:6010B	Silicon Dioxide		50 /			0.032	mg/L		J 1	172500	GLI060900GB4S01	
Spring 4B	09/18/08	WG		CS		Geninorg	SW-846:6010B	Silicon Dioxide		60.2			0.032	mg/L		J	121725	GU000900GB4301	
Spring 4B	05/01/07	WG		CS		Geninorg	SW-846:6010B	Sodium		14.2			0.100	mg/L			121720	GE0704090GB4301	
Spring 4B	00/18/06	WG		CS		Geninorg	SW-846:6010B	Sodium		14.2			0.045	mg/L	E		172500	GE060000GB4S01	
Spring 4B	05/01/07	WG		CS		Geninorg	SW-846:6010B	Sodium		13.4			0.045	mg/L		J	195222	GLI070400CB4S01	
Spring 4D	00/18/06	WC				Geninorg	SW-040.0010D	Sodium		13.4			0.045	mg/∟	E		172500	CU060000CB4S01	
Spring 4D	09/18/08	WC				Geninorg	SW-040.0010D	Sodium		14.1			0.045	mg/∟		J	121725	GU000900GB4301	
Spring 4D	09/14/04	WC				Geninorg	5W-040.0010D	Spacific Conductorios		245			0.0144	IIIg/L			121720	CE0704090GB4301	
Spring 4B	05/01/07	WG				Geninorg	EPA.120.1	Specific Conductance		240			1	uS/cm			100022	GF070400GB4301	
Spring 4B	09/16/06	WG				Geninorg	EPA.120.1	Specific Conductance		240			1	uS/cm			1/2000	GF060900GB4301	
Spring 4B	09/20/05	WG				Geninorg	EPA.120.1	Specific Conductance		201			1	uS/cm			140007		
Spring 4B	09/16/06	WG				Geninorg	EPA.120.1	Specific Conductance		247			0.1	uS/Cm			105222	G0060900GB4301	
Spring 4B	05/01/07	WG				Geninorg	EPA.300.0	Sulfate		9.04			0.1	mg/∟ ma/l			100022	GF070400GB4301	
Spring 4B	09/18/06	WG				Geninorg	EPA:300.0	Sulfate		0.07			0.1	mg/L			172500	GF060900GB4501	
Spring 4B	09/26/05	WG				Geninorg	EPA:300.0	Sulfate		0.00			0.057	mg/L			140887		
Spring 4B	09/18/06	WG				Geninorg	EPA:300.0	Sulfate		0.0/			0.1	mg/L			172500	GU060900GB4501	
Spring 4B	09/14/04	WG				Geninorg	EPA:300.0	Suilate		1.11			0.193	mg/L			121725	GU04090GB4501	GELC
Spring 4B	05/01/07	WG				Geninorg	EPA:160.2	Suspended Sediment Concentration		30			2.28	mg/L			185322	GU070400GB4S01	GELC
Spring 4B	09/18/06	WG				Geninorg	EPA: 160.2	Suspended Sediment Concentration		23.3			1.43	mg/L			172500	GU060900GB4501	
Spring 4B	09/26/05	WG				Geninorg	EPA:160.2	Suspended Sediment Concentration		56.5			1.08	mg/L			146887	GU05090GB4501	GELC
Spring 4B	05/01/07	WG				Geninorg	EPA:160.1	Total Dissolved Solids		190			2.38	mg/L	-		185322	GF070400GB4S01	GELC
Spring 4B	09/18/06	WG				Geninorg	EPA:160.1	Total Dissolved Solids		176			2.38	mg/L	-		172500	GF060900GB4S01	GELC
Spring 4B	09/18/06	WG				Geninorg	EPA:160.1	Total Dissolved Solids		181			2.38	mg/L	-		172500	GU060900GB4S01	GELC
Spring 4B	09/26/05	WG				Geninorg	EPA:160.1	Total Dissolved Solids		186			2.38	mg/L	-		146887	GF05090GB4S01	GELC
Spring 4B	09/14/04	WG		CS		Geninorg	EPA:160.1	Total Dissolved Solids		187			3.07	mg/L		J	121725	GU04090GB4S01	GELC
Spring 4B	09/18/06	WG		CS		Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.024			0.01	mg/L	J	U	172500	GF060900GB4S01	GELC
Spring 4B	09/26/05	WG		CS		Geninorg	EPA:351.2	Total Kjeldahl Nitrogen		0.252			0.04	mg/L	J	J+	146887	GF05090GB4S01	GELC
Spring 4B	05/01/07	WG	UF	CS		Geninorg	EPA:351.2	Total Kjeldahl Nitrogen		0.184			0.029	mg/L			185322	GU070400GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS		Geninorg	EPA:351.2	Total Kjeldahl Nitrogen		0.265			0.01	mg/L			172500	GU060900GB4S01	GELC
Spring 4B	05/01/07	WG	UF	CS		Geninorg	SW-846:9060	Total Organic Carbon		0.979			0.33	mg/L			185322	GU070400GB4S01	GELC
Spring 4B	09/18/06	WG		CS		Geninorg	SW-846:9060	I otal Organic Carbon		1.53			0.33	mg/L		<u> </u>	172311	GU060900GB4S02	GELC
Spring 4B	05/01/07	WG	F	CS		Geninorg	EPA:150.1	pH	 	8.16			0.01	SU	H	J	185322	GF070400GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS		Geninorg	EPA:150.1	pH	 	8.13			0.01	SU	H	J	172500	GF060900GB4S01	GELC
Spring 4B	09/26/05	WG	IF	CS		Geninorg	EPA:150.1	pH	 	7.48			0.01	SU	H	J	146887	GF05090GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS		Geninorg	EPA:150.1	pH	 	8.23			0.01	SU	H	J	172500	GU060900GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS		Metals	SW-846:6010B	Aluminum	<	68			68	μ g/L	U	ļ	172500	GF060900GB4S01	GELC
Spring 4B	05/01/07	WG	UF	CS		Metals	SW-846:6010B	Aluminum		1280			68	μ g/L		ļ	185322	GU070400GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS		Metals	SW-846:6010B	Aluminum		741			68	μg/L	1	1	172500	GU060900GB4S01	GELC

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Location	Date	Field Matrix	Field	Lab Sample	Field QC	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	ΜΠΔ	мы	Units	Lab	2nd Qual	Request	Sample	Lab
Spring 4B	05/01/07	WG	F	CS	1900	Metals	SW-846:6010B	Barium	Cynnoor	51 4			1		Quui	quui	185322	GF070400GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS		Metals	SW-846:6010B	Barium		45			1	ua/l			172500	GF060900GB4S01	GELC
Spring 4B	05/01/07	WG	UF	CS		Metals	SW-846:6010B	Barium		60.8			1	ua/l			185322	GU070400GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS		Metals	SW-846:6010B	Barium		51.3			1	ug/L			172500	GU060900GB4S01	GFLC
Spring 4B	05/01/07	WG	F	CS		Metals	SW-846:6010B	Boron		26.7			10	ug/L	J		185322	GF070400GB4S01	GFLC
Spring 4B	09/18/06	WG	F	CS		Metals	SW-846:6010B	Boron	<	10			10	ua/l	Ŭ	UJ	172500	GF060900GB4S01	GELC
Spring 4B	05/01/07	WG	UF	CS		Metals	SW-846:6010B	Boron		22.7			10	ua/l	J		185322	GU070400GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS		Metals	SW-846:6010B	Boron	<	10			10	ua/l	Ŭ	IJJ	172500	GU060900GB4S01	GELC
Spring 4B	05/01/07	WG	F	CS		Metals	SW-846:6020	Chromium		3.1			1	ua/l	-		185322	GF070400GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS		Metals	SW-846:6020	Chromium	<	4.3			1	ua/l		U	172500	GF060900GB4S01	GELC
Spring 4B	05/01/07	WG	UF	CS		Metals	SW-846:6020	Chromium		4.6			1	ua/l		<u> </u>	185322	GU070400GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS		Metals	SW-846:6020	Chromium	<	5.8			1	ua/L		U	172500	GU060900GB4S01	GELC
Spring 4B	05/01/07	WG	F	CS		Metals	SW-846:6010B	Cobalt		5.3			1	ua/L		J+	185322	GF070400GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS		Metals	SW-846:6010B	Cobalt	<	1			1	ua/L	U		172500	GF060900GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS		Metals	SW-846:6010B	Cobalt	<	1			1	ua/L	Ŭ		172500	GU060900GB4S01	GELC
Spring 4B	05/01/07	WG	F	CS		Metals	SW-846:6010B	Iron		138			18	ua/L	-	J+	185322	GF070400GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS		Metals	SW-846:6010B	Iron		38.7			18	ua/L	J		172500	GF060900GB4S01	GELC
Spring 4B	05/01/07	WG	UF	CS		Metals	SW-846:6010B	Iron		1150			18	ua/L	-		185322	GU070400GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS		Metals	SW-846:6010B	Iron		650			18	ua/L			172500	GU060900GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS		Metals	SW-846:6020	Lead	<	0.5			0.5	ua/l	U		172500	GF060900GB4S01	GELC
Spring 4B	05/01/07	WG	UF	CS		Metals	SW-846:6020	Lead		0.59			0.5	ua/L	J		185322	GU070400GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS		Metals	SW-846:6020	Lead	<	0.5			0.5	ua/L	Ū		172500	GU060900GB4S01	GELC
Spring 4B	05/01/07	WG	F	CS		Metals	SW-846:6010B	Manganese		12.8			2	ua/L	-		185322	GF070400GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS		Metals	SW-846:6010B	Manganese	<	2			2	ua/L	U		172500	GF060900GB4S01	GELC
Spring 4B	05/01/07	WG	UF	CS		Metals	SW-846:6010B	Manganese		14.7			2	ua/L			185322	GU070400GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS		Metals	SW-846:6010B	Manganese		12			2	ua/L		J+	172500	GU060900GB4S01	GELC
Spring 4B	05/01/07	WG	F	CS		Metals	SW-846:6020	Nickel		1.7			0.5	ua/L	J		185322	GF070400GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS		Metals	SW-846:6020	Nickel		0.7			0.5	ua/L	J		172500	GF060900GB4S01	GELC
Spring 4B	05/01/07	WG	UF	CS		Metals	SW-846:6020	Nickel		1.4			0.5	ua/L	J		185322	GU070400GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS		Metals	SW-846:6020	Nickel		1.1			0.5	ua/L	J		172500	GU060900GB4S01	GELC
Spring 4B	05/01/07	WG	F	CS		Metals	SW-846:6010B	Strontium		162			1	ua/L			185322	GF070400GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS		Metals	SW-846:6010B	Strontium		155			1	ua/L			172500	GF060900GB4S01	GELC
Spring 4B	05/01/07	WG	UF	CS		Metals	SW-846:6010B	Strontium		167			1	ua/L			185322	GU070400GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS		Metals	SW-846:6010B	Strontium		160			1	μg/L			172500	GU060900GB4S01	GELC
Spring 4B	05/01/07	WG	F	CS		Metals	SW-846:6020	Thallium		0.47			0.4	μg/L	J		185322	GF070400GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS		Metals	SW-846:6020	Thallium	<	0.4			0.4	μg/L	U		172500	GF060900GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS		Metals	SW-846:6020	Thallium	<	0.4			0.4	μg/L	U		172500	GU060900GB4S01	GELC
Spring 4B	05/01/07	WG	F	CS		Metals	SW-846:6020	Uranium		1.5			0.05	μg/L			185322	GF070400GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS		Metals	SW-846:6020	Uranium		1.1			0.05	μg/L			172500	GF060900GB4S01	GELC
Spring 4B	05/01/07	WG	UF	CS		Metals	SW-846:6020	Uranium		1.8			0.05	μg/L			185322	GU070400GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS		Metals	SW-846:6020	Uranium		1.3			0.05	μg/L			172500	GU060900GB4S01	GELC
Spring 4B	05/01/07	WG	F	CS		Metals	SW-846:6010B	Vanadium		10.2			1	μg/L		J+	185322	GF070400GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS		Metals	SW-846:6010B	Vanadium		7.2			1	μg/L			172500	GF060900GB4S01	GELC
Spring 4B	05/01/07	WG	UF	CS		Metals	SW-846:6010B	Vanadium		12.3			1	μg/L			185322	GU070400GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS		Metals	SW-846:6010B	Vanadium		8.3			1	μg/L			172500	GU060900GB4S01	GELC
Spring 4B	05/01/07	WG	F	CS		Metals	SW-846:6010B	Zinc		4.2			2	μg/L	J		185322	GF070400GB4S01	GELC
Spring 4B	09/18/06	WG	F	CS		Metals	SW-846:6010B	Zinc	<	5			2	μg/L	J	U	172500	GF060900GB4S01	GELC
Spring 4B	05/01/07	WG	UF	CS		Metals	SW-846:6010B	Zinc		3.4			2	μg/L	J		185322	GU070400GB4S01	GELC
Spring 4B	09/18/06	WG	UF	CS		Metals	SW-846:6010B	Zinc	<	6			2	μg/L	J	U	172500	GU060900GB4S01	GELC
Spring 4B	05/01/07	WG	UF	CS		Rad	LLEE	Tritium		31.6107	0.3193	0.28737		pCi/L			2336	UU070400GB4S01	UMTL
Spring 4B	09/18/06	WG	UF	CS		Rad	LLEE	Tritium		31.2914	0.3193	0.28737		pCi/L			2273	UU060900GB4S01	UMTL

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Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4B	01/28/02	WG	UF	CS		Rad	LLEE	Tritium	Ĺ	45.05323	0.340586667		0.28737	pCi/L			JB1575	MU02011GB4S	UMTL
Spring 4B	01/28/02	WG	UF	RE		Rad	LLEE	Tritium		44.92551	0.329943333		0.28737	pCi/L			JB1575	MU02011GB4S	UMTL
Spring 4C	05/01/07	WG	F	CS		Geninorg	EPA:310.1	Alkalinity-CO ₃ +HCO ₃		80.3			0.725	mg/L			185322	GF070400GC4S01	GELC
Spring 4C	09/19/06	WG	F	CS		Geninora	EPA:310.1	Alkalinity-CO ₂ +HCO ₂		76 7			0 725	ma/l	1		172551	GE060900GC4S01	GELC
Spring 4C	00/27/05	WC		60	-	Coninorg	EDA:210.1			70.2			1 45	mg/L			1/2007	CE05000CC4S01	
	09/27/03	WG		00		Geninorg	EFA.310.1			70.2			1.40	mg/∟ ″			140007	GF05090GC4301	GELC
Spring 4C	09/19/06	WG	U⊦	CS		Geninorg	EPA:310.1	Alkalinity-CO ₃ +HCO ₃		76.7			0.725	mg/L			172551	GU060900GC4S01	GELC
Spring 4C	09/14/04	WG	UF	CS		Geninorg	EPA:310.1	Alkalinity-CO ₃ +HCO ₃		78.9			1.45	mg/L		J	121725	GU04090GC4S01	GELC
Spring 4C	05/01/07	WG	F	CS		Geninorg	EPA:300.0	Bromide		0.185			0.066	mg/L	J		185322	GF070400GC4S01	GELC
Spring 4C	09/19/06	WG	F	CS		Geninorg	EPA:300.0	Bromide	<	0.066			0.066	mg/L	U		172551	GF060900GC4S01	GELC
Spring 4C	09/27/05	WG	F	CS		Geninorg	EPA:300.0	Bromide		0.084			0.041	mg/L	J		146887	GF05090GC4S01	GELC
Spring 4C	09/19/06	WG	UF	CS		Geninorg	EPA:300.0	Bromide	<	0.066			0.066	mg/L	U		172551	GU060900GC4S01	GELC
Spring 4C	05/01/07	WG	F	CS		Geninorg	SW-846:6010B	Calcium		23.1			0.036	mg/L			185322	GF070400GC4S01	GELC
Spring 4C	09/19/06	WG	F	CS		Geninorg	SW-846:6010B	Calcium		21.9			0.036	mg/L			172551	GF060900GC4S01	GELC
Spring 4C	05/01/07	WG	UF	CS		Geninorg	SW-846:6010B	Calcium		23.1			0.036	mg/L			185322	GU070400GC4S01	GELC
Spring 4C	09/19/06	WG	UF	CS		Geninorg	SW-846:6010B	Calcium		22.4			0.036	mg/L			172551	GU060900GC4S01	GELC
Spring 4C	09/14/04	WG	UF	CS		Geninorg	SW-846:6010B	Calcium		22.2			0.00554	mg/L			121725	GU04090GC4S01	GELC
Spring 4C	05/01/07	WG	F	CS		Geninorg	EPA:300.0	Chloride		6.34			0.066	mg/L			185322	GF070400GC4S01	GELC
Spring 4C	09/19/06	WG	F	CS		Geninorg	EPA:300.0	Chloride		6.42			0.066	mg/L			172551	GF060900GC4S01	GELC
Spring 4C	09/27/05	WG	F	CS		Geninorg	EPA:300.0	Chloride		6.48			0.053	mg/L			146887	GF05090GC4S01	GELC
Spring 4C	09/19/06	WG	UF	CS		Geninorg	EPA:300.0	Chloride		6.4			0.066	mg/L			172551	GU060900GC4S01	GELC
Spring 4C	09/14/04	WG	UF	CS		Geninorg	EPA:300.0	Chloride		6.37			0.0322	mg/L			121725	GU04090GC4S01	GELC
Spring 4C	05/01/07	WG	F	CS		Geninorg	EPA:300.0	Fluoride		0.487			0.033	mg/L			185322	GF070400GC4S01	GELC
Spring 4C	09/19/06	WG	F	CS		Geninorg	EPA:300.0	Fluoride		0.465			0.033	mg/L			172551	GF060900GC4S01	GELC
Spring 4C	09/27/05	WG	F	CS		Geninorg	EPA:300.0	Fluoride		0.485			0.03	mg/L			146887	GF05090GC4S01	GELC
Spring 4C	09/19/06	WG	UF	CS		Geninorg	EPA:300.0	Fluoride		0.469			0.033	mg/L			172551	GU060900GC4S01	GELC
Spring 4C	09/14/04	WG	UF	CS		Geninorg	EPA:300.0	Fluoride		0.491			0.0553	mg/L			121725	GU04090GC4S01	GELC
Spring 4C	05/01/07	WG	F	CS		Geninorg	SM:A2340B	Hardness		76.8			0.44	mg/L			185322	GF070400GC4S01	GELC
Spring 4C	09/19/06	WG	F	CS		Geninorg	SM:A2340B	Hardness		72.6			0.085	mg/L			172551	GF060900GC4S01	GELC
Spring 4C	05/01/07	WG	UF	CS		Geninorg	SM:A2340B	Hardness		76.9			0.44	mg/L			185322	GU070400GC4S01	GELC
Spring 4C	09/19/06	WG	UF	CS		Geninorg	SM:A2340B	Hardness		74.6			0.085	mg/L			172551	GU060900GC4S01	GELC
Spring 4C	09/14/04	WG	UF	CS		Geninorg	EPA:200.7	Hardness		74.5			0.00554	mg/L			121725	GU04090GC4S01	GELC
Spring 4C	05/01/07	WG	F	CS		Geninorg	SW-846:6010B	Magnesium		4.66			0.085	mg/L			185322	GF070400GC4S01	GELC
Spring 4C	09/19/06	WG	F	CS		Geninorg	SW-846:6010B	Magnesium		4.38			0.085	mg/L			172551	GF060900GC4S01	GELC
Spring 4C	05/01/07	WG	UF	CS		Geninorg	SW-846:6010B	Magnesium		4.67			0.085	mg/L			185322	GU070400GC4S01	GELC
Spring 4C	09/19/06	WG	UF	CS		Geninorg	SW-846:6010B	Magnesium		4.52			0.085	mg/L			172551	GU060900GC4S01	GELC
Spring 4C	09/14/04	WG	UF	CS		Geninorg	SW-846:6010B	Magnesium		4.6			0.00518	mg/L			121725	GU04090GC4S01	GELC
Spring 4C	05/01/07	WG	F	CS		Geninorg	EPA:353.2	Nitrate-Nitrite as N		1.32			0.01	mg/L			185322	GF070400GC4S01	GELC
Spring 4C	09/19/06	WG	F	CS		Geninorg	EPA:353.1	Nitrate-Nitrite as N		1.36			0.014	mg/L			172551	GF060900GC4S01	GELC
Spring 4C	09/27/05	WG	F	CS		Geninorg	EPA:353.1	Nitrate-Nitrite as N		1.32			0.017	mg/L			146887	GF05090GC4S01	GELC
Spring 4C	09/19/06	WG	UF	CS		Geninorg	EPA:353.1	Nitrate-Nitrite as N		1.43			0.014	mg/L			172551	GU060900GC4S01	GELC
Spring 4C	09/14/04	WG	UF	CS		Geninorg	EPA:353.1	Nitrate-Nitrite as N		1.62			0.003	mg/L		J	121725	GU04090GC4S01	GELC
Spring 4C	05/01/07	WG	F	CS		Geninora	SW-846:6850	Perchlorate		0.702			0.05	ua/L		J-	185322	GF070400GC4S01	GELC
Spring 4C	09/19/06	WG	F	CS		Geninorg	EPA:314.0	Perchlorate	<	4			4	ua/L	U		172551	GF060900GC4S01	GELC
Spring 4C	09/19/06	WG	F	CS		Geninorg	SW846 6850	Perchlorate		0.606			0.05	ua/L			172551	GF060900GC4S01	GELC
Spring 4C	09/27/05	WG	F	CS		Geninora	EPA:314.0	Perchlorate	<	4			4	ug/L	U		146887	GF05090GC4S01	GELC
Spring 4C	09/27/05	WG	F	CS		Geninora	SW846 6850	Perchlorate		0.643			0.05	ug/L	1		146887	GF05090GC4S01	GELC
Spring 4C	09/14/04	WG	UF	CS		Geninora	EPA:314.0	Perchlorate	<	4			4	ug/L	U		121725	GU04090GC4S01	GELC
Spring 4C	09/14/04	WG	UF	CS	1	Geninora	SW846 6850	Perchlorate	1	0.622			0.05	ua/L	1	1	121725	GU04090GC4S01	GELC
Spring 4C	03/05/04	WG	UF	CS		Geninorg	EPA:314.0	Perchlorate	<	4			4	ug/L	U		108593	GU04030GC4S01	GELC
Spring 4C	03/05/04	WG	UF	CS	1	Geninorg	SW846 6850	Perchlorate		0.646			1	μg/L	1		108593	GU04030GC4S01	GELC

	•			•	-		-	Analytical Results		•				-					
Location	Date	Field Matrix	Field	Lab Sample	Field QC	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	ΜΠΑ	MDI	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 4C	05/01/07	WG	F	CS	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Geninora	SW-846:6010B	Potassium	• • • • • •	2.93	· e.g		0.05	ma/L			185322	GF070400GC4S01	GELC
Spring 4C	09/19/06	WG	F	CS		Geninora	SW-846:6010B	Potassium		2.54			0.05	ma/l			172551	GF060900GC4S01	GFLC
Spring 4C	05/01/07	WG	UF	CS		Geninora	SW-846:6010B	Potassium		2.94			0.05	ma/l			185322	GU070400GC4S01	GFLC
Spring 4C	09/19/06	WG		CS		Geninorg	SW-846:6010B	Potassium		2.6			0.05	ma/l			172551	GU060900GC4S01	GELC
Spring 4C	09/14/04	WG		CS		Geninorg	SW-846:6010B	Potassium		2.0			0.00	mg/L			121725	GU04090GC4S01	GELC
Spring 4C	05/01/07	WG	F	CS		Geninorg	SW-846:6010B	Silicon Dioxide		55.4			0.0100	mg/L			185322	GE070400GC4S01	GELC
Spring 4C	09/19/06	WG	F	CS		Geninorg	SW-846:6010B	Silicon Dioxide		53.2			0.002	mg/L			172551	GF060900GC4S01	GELC
Spring 4C	09/19/06	WG		CS		Geninorg	SW-846:6010B	Silicon Dioxide		54.3			0.002	mg/L		U	172551	GLI060900GC4S01	GELC
Spring 40	09/14/04	WG		CS		Geninorg	SW-846:6010B	Silicon Dioxide		54.8			0.002	mg/L		J-	121725	GU000000000000000000000000000000000000	GELC
Spring 40	05/01/07	WG		CS		Geninorg	SW-846:6010B	Sodium		1/1			0.100	mg/L			185322	GE070400GC4S01	
Spring 4C	00/10/06	WG		CS		Geninorg	SW-846:6010B	Sodium		14.1			0.045	mg/L			172551	GF060000GC4S01	
Spring 4C	05/01/07	WG		CS		Geninorg	SW-846:6010B	Sodium		12.9			0.045	mg/L			195222	GL070400GC4S01	
Spring 4C	00/10/06	WG		CS		Geninorg	SW-040.0010D	Sodium		14			0.045	mg/L			172551		
Spring 4C	09/19/00	WG		CS		Geninorg	SW-040.0010D	Sodium		13.1			0.045	mg/∟			172001		
Spring 4C	09/14/04	WG				Geninorg	SVV-846:6010B	Socium Cracific Conductores		13.3			0.0144	mg/L			121720	GU04090GC4S01	
Spring 4C	05/01/07	WG				Geninorg	EPA:120.1	Specific Conductance		222			1	μS/cm			185322	GF070400GC4S01	GELC
Spring 4C	09/19/06	WG				Geninorg	EPA:120.1	Specific Conductance		470			1	μS/cm			172551	GF060900GC4S01	GELC
Spring 4C	09/27/05	WG				Geninorg	EPA:120.1	Specific Conductance		179			1	μS/cm			146887	GF05090GC4S01	GELC
Spring 4C	09/19/06	WG		CS		Geninorg	EPA:120.1			220			1	μS/cm			172551	GU060900GC4S01	GELC
Spring 4C	05/01/07	WG		CS		Geninorg	EPA:300.0	Sulfate		9.3			0.1	mg/L			185322	GF070400GC4S01	GELC
Spring 4C	09/19/06	WG		CS		Geninorg	EPA:300.0	Sulfate		9.36			0.1	mg/L			172551	GF060900GC4S01	GELC
Spring 4C	09/27/05	WG	F	CS		Geninorg	EPA:300.0	Sulfate		9.61			0.057	mg/L			146887	GF05090GC4S01	GELC
Spring 4C	09/19/06	WG	UF	CS		Geninorg	EPA:300.0	Sulfate		9.48			0.1	mg/L			172551	GU060900GC4S01	GELC
Spring 4C	09/14/04	WG	UF	CS		Geninorg	EPA:300.0	Sulfate		9.31			0.193	mg/L			121725	GU04090GC4S01	GELC
Spring 4C	05/01/07	WG	UF	CS		Geninorg	EPA:160.2	Suspended Sediment Concentration		95.4			1.14	mg/L			185322	GU070400GC4S01	GELC
Spring 4C	09/19/06	WG	UF	CS		Geninorg	EPA:160.2	Suspended Sediment Concentration	<	2.28			2.28	mg/L	UH	UJ	172551	GU060900GC4S01	GELC
Spring 4C	09/27/05	WG	UF	CS		Geninorg	EPA:160.2	Suspended Sediment Concentration		1.48			1.06	mg/L	J		146887	GU05090GC4S01	GELC
Spring 4C	05/01/07	WG	F	CS		Geninorg	EPA:160.1	Total Dissolved Solids		172			2.38	mg/L			185322	GF070400GC4S01	GELC
Spring 4C	09/19/06	WG	F	CS		Geninorg	EPA:160.1	Total Dissolved Solids		181			2.38	mg/L	Н	J	172551	GU060900GC4S01	GELC
Spring 4C	09/19/06	WG	F	CS		Geninorg	EPA:160.1	Total Dissolved Solids		179			2.38	mg/L	Н	J	172551	GF060900GC4S01	GELC
Spring 4C	09/27/05	WG	F	CS		Geninorg	EPA:160.1	Total Dissolved Solids		174			2.38	mg/L			146887	GF05090GC4S01	GELC
Spring 4C	09/14/04	WG	F	CS		Geninorg	EPA:160.1	Total Dissolved Solids		169			3.07	mg/L		J	121725	GU04090GC4S01	GELC
Spring 4C	09/19/06	WG	F	CS		Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.01			0.01	mg/L	U	UJ	172551	GF060900GC4S01	GELC
Spring 4C	09/27/05	WG	F	CS		Geninorg	EPA:351.2	Total Kjeldahl Nitrogen		0.496			0.04	mg/L			146887	GF05090GC4S01	GELC
Spring 4C	05/01/07	WG	UF	CS		Geninorg	EPA:351.2	Total Kjeldahl Nitrogen		0.136			0.029	mg/L		JN-	185322	GU070400GC4S01	GELC
Spring 4C	09/19/06	WG	UF	CS		Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.012			0.01	mg/L	J	U, JN-	172551	GU060900GC4S01	GELC
Spring 4C	05/01/07	WG	UF	CS		Geninorg	SW-846:9060	Total Organic Carbon		0.528			0.33	mg/L			185322	GU070400GC4S01	GELC
Spring 4C	09/19/06	WG	UF	CS		Geninorg	SW-846:9060	Total Organic Carbon	<	0.647			0.33	mg/L	J	U	172311	GU060900GC4S02	GELC
Spring 4C	05/01/07	WG	F	CS		Geninorg	EPA:150.1	pH		7.81			0.01	SŬ	Н	J	185322	GF070400GC4S01	GELC
Spring 4C	09/19/06	WG	F	CS		Geninorg	EPA:150.1	рН		7.89			0.01	SU	Н	J	172551	GF060900GC4S01	GELC
Spring 4C	09/27/05	WG	F	CS		Geninora	EPA:150.1	H		7.19			0.01	SU	Н	J	146887	GF05090GC4S01	GELC
Spring 4C	09/19/06	WG	UF	CS		Geninora	EPA:150.1	pH		7.98			0.01	SU	Н	J	172551	GU060900GC4S01	GELC
Spring 4C	05/01/07	WG	F	CS		Metals	SW-846:6010B	Barium		45.3			1	ug/l		-	185322	GF070400GC4S01	GELC
Spring 4C	09/19/06	WG	F	CS		Metals	SW-846:6010B	Barium		39.9			1	μg/L			172551	GF060900GC4S01	GELC
Spring 4C	05/01/07	WG	UF	CS		Metals	SW-846:6010B	Barium		45.3			1	μ <u>α</u> /Ι			185322	GU070400GC4S01	GELC
Spring 4C	09/19/06	WG	UF	CS		Metals	SW-846:6010B	Barium		41 7			1	µg/=			172551	GU060900GC4S01	GELC
Spring 4C	05/01/07	WG	F	cs		Metals	SW-846:6010B	Boron		20.5	1		10	ug/L	J		185322	GE070400GC4S01	GELC
Spring 4C	09/19/06	WG	F	CS		Metals	SW-846:6010B	Boron		19.4	1		10	μg/L			172551	GF060900GC4S01	GELO
Spring 4C	05/01/07	WG	UF	CS		Metals	SW-846:6010B	Boron		22.1	1		10	μg/L			185322	GU070400GC4S01	GELO
Spring 4C	09/19/06	WG		CS		Metals	SW-846:6010B	Boron		19.2			10	μg/L	.i	1	172551	GU060900GC4S01	GELC
Spring 4C	05/01/07	WG	F	CS		Metals	SW-846.6020	Chromium		4 4			1	µg/∟ ug/l		1	185322	GE070400GC4901	GFLC
Spring 4C	09/19/06	WG	F	CS		Metals	SW-846:6020	Chromium	<	52	1		1	µg/∟ ug/l		U	172551	GF060900GC4S01	GELC
	00/10/00		P.	00	1	motulo	010 040.0020	onionium		0.2	1		1'	µy/L	1	5	112001	0.000000000000	JULU

Lacetin Pres Pres Dest Pres Pres Pres Pres Strage 4 Mode Pres Pres Strage 4 Strage 4 00/107 06 Pres Alles Mode No. o. No. <			-		-			•	Analytical Results			1					1			_
Spring 42 Unit Vity UP Oscilia Distribution ia distribution<="" th=""> Oscilia Dist</thoscilia>	Location	Date	Field Matrix	Field Prep	Lab Sample	Field QC	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDI	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 42 Op 1986 Work WT CS Metable Stand 42 Op 100 No. I Instant 100 No.	Spring 4C	05/01/07	WG	UF	CS	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Metals	SW-846:6020	Chromium	e y	4.6			1	ua/l	444	- uu	185322	GU070400GC4S01	GELC
Sping 4. Sping 4.	Spring 4C	09/19/06	WG	UF	CS		Metals	SW-846:6020	Chromium	<	4.6			1	ua/l		U	172551	GU060900GC4S01	GELC
Sping 4C Optime G Pr CS Meals Synthestacc Nature 17 D D.3. apl. J T7358 Grassacc Science Scie	Spring 4C	05/01/07	WG	F	CS		Metals	SW-846:6020	Nickel		0.54			0.5	μ <u>α/</u> Ι	J	-	185322	GF070400GC4S01	GELC
Sping 40 65 m 107 VG UF C53 Metal S.5 Metal S.5 Metal I 1652 2017 17255 Cutobacclass 10 str.10 Symp 40 0.91107 VG F C3 Metal SV-48.6602 Str.11 1 1 1 1 1.61 1.62 C4 Str.25 CPUT POULCEST Str.25	Spring 4C	09/19/06	WG	F	CS		Metals	SW-846:6020	Nickel		1.7			0.5	ua/l	J		172551	GF060900GC4S01	GELC
Spring 40 Optimize PS Membri M Winder MORD Nucket 6 5.5 app. 1 app. 1 spring 40 Obsite MORD North MORD	Spring 4C	05/01/07	WG	UF	CS		Metals	SW-846:6020	Nickel		0.56			0.5	ua/l	J		185322	GU070400GC4S01	GELC
Simulation Simulation 131 1	Spring 4C	09/19/06	WG	UF	CS		Metals	SW-846:6020	Nickel	<	0.5			0.5	μ <u>α/</u> Ι	Ŭ		172551	GU060900GC4S01	GELC
Spring 4C OH 19100 WG P CS Metale SW-486.00100 Storium 121 1 140. 172811 G7008000024581 GCI. Spring 4C 650107 WG UP CS Metale SW-486.00100 Storium 121 1 140. 172811 C008000024581 GCI. Spring 4C 650107 WG UP CS Metale SW-486.00100 121 2 0 101. 172811 C008000024581 GCI. Spring 4C 650107 WG UP CS Metale SW-486.00100 Unrum 12 0.05 104. 172811 C008000024581 GCI. Spring 4C 609107 WG F CS Metale SW-486.00100 Vinrum 16 0.05 104. 172811 C008000024581 GCI. Spring 4C 609107 WG F CS Metale SW-486.00100 Vinrum 8 104. 142.01 122301 U007040002	Spring 4C	05/01/07	WG	F	CS		Metals	SW-846:6010B	Strontium		131			1	ua/L	-		185322	GF070400GC4S01	GELC
Spring AC OFFORT WG UF CS Meake SW-6446-0070 Stronium 111 1 <td>Spring 4C</td> <td>09/19/06</td> <td>WG</td> <td>F</td> <td>CS</td> <td></td> <td>Metals</td> <td>SW-846:6010B</td> <td>Strontium</td> <td></td> <td>121</td> <td></td> <td></td> <td>1</td> <td>ua/L</td> <td></td> <td></td> <td>172551</td> <td>GF060900GC4S01</td> <td>GELC</td>	Spring 4C	09/19/06	WG	F	CS		Metals	SW-846:6010B	Strontium		121			1	ua/L			172551	GF060900GC4S01	GELC
Siming 4C 09:100 WG UF CS Metable SW 64660706 Stremum 114 1 add dd	Spring 4C	05/01/07	WG	UF	CS		Metals	SW-846:6010B	Strontium		131			1	ua/L			185322	GU070400GC4S01	GELC
Spring 4C 0950107 WG F CS Metale SW-846202 Unrelum 1.3 D 0.65 jed. 1 1 1 0.65 jed. 1 <t< td=""><td>Spring 4C</td><td>09/19/06</td><td>WG</td><td>UF</td><td>CS</td><td></td><td>Metals</td><td>SW-846:6010B</td><td>Strontium</td><td></td><td>124</td><td></td><td></td><td>1</td><td>ua/L</td><td></td><td></td><td>172551</td><td>GU060900GC4S01</td><td>GELC</td></t<>	Spring 4C	09/19/06	WG	UF	CS		Metals	SW-846:6010B	Strontium		124			1	ua/L			172551	GU060900GC4S01	GELC
Spring 4C 0.94/960 WG F. CS Media WV-846.0220 Unrolum 1.7 D.0.5 und. F172855 GF000000C4-001 GEL Spring 4C 0.95107 WG UF CS Media SW-446.0200 Unrolum 1.6 0.05 und. IT2825 GUTMONCC4501 GEL Spring 4C 0.05107 WG F CS Media SW-446.0200 Unrolum 0.7 1 und. J IT2822 GF1/MORC4501 GEL Spring 4C 0.051107 WG F CS Media SW-446.02018 Wandum 80 1 und. J IT2825 GUTMANCC4501 GEL Spring 4C 0.051107 WG UF CS Media LLE Thrum 8.0 1 und. J J <j<j<j<j<j<j<j>JUL05000001200 GEL J<j<j<j<j<j<j<j<j<j<j<j<j<j<j<j<j<j<j<< td=""><td>Spring 4C</td><td>05/01/07</td><td>WG</td><td>F</td><td>CS</td><td></td><td>Metals</td><td>SW-846:6020</td><td>Uranium</td><td></td><td>1.3</td><td></td><td></td><td>0.05</td><td>ua/L</td><td></td><td></td><td>185322</td><td>GF070400GC4S01</td><td>GELC</td></j<j<j<j<j<j<j<j<j<j<j<j<j<j<j<j<j<j<<></j<j<j<j<j<j<j>	Spring 4C	05/01/07	WG	F	CS		Metals	SW-846:6020	Uranium		1.3			0.05	ua/L			185322	GF070400GC4S01	GELC
Skring 4C 059107 WG UF CS Metails SW-446 6820 Unrulem 1.2 OD5 agL I 19225 Uptrapage(4561) GEL Spring 4C 0691000 WG F CS Metails SW-446 8010 Nandulum 9.7 I agL J 172551 Control (25010) CS String 4C 069100 WG F CS Metails SW-446 80108 Vandulum 8.6 I I IngL J 172551 CS CS String 4C 069107 WG J 16222 LU000000C4811 CEL String 4C 069107 WG J 16232 LU000000C4811 CEL String 4C 069107 WG J 22361 LU000000C4811 CEL String 4C 069107 WG J String 4C 069107 WG String 4S <td< td=""><td>Spring 4C</td><td>09/19/06</td><td>WG</td><td>F</td><td>CS</td><td></td><td>Metals</td><td>SW-846:6020</td><td>Uranium</td><td></td><td>1.7</td><td></td><td></td><td>0.05</td><td>ua/L</td><td></td><td></td><td>172551</td><td>GF060900GC4S01</td><td>GELC</td></td<>	Spring 4C	09/19/06	WG	F	CS		Metals	SW-846:6020	Uranium		1.7			0.05	ua/L			172551	GF060900GC4S01	GELC
Shring 4C Op1000 WG F CS Metals SW-9466020 Varuatum 1.6 O OB1 PL I PT2571 GU000090704901 GEL Spring 4C 050107 WG F CS Metals SW-94660108 Varuatum 8.6 I 1 µgL I 172551 GY000007400074001 FELC Spring 4C 050107 WG F CS Metals SW-94660108 Varuatum 0 1 µgL I 172551 GY0000074000740010 FELC Spring 4C 050107 WG UF CS Metals SW-94660108 Varuatum 0 22737 C/L 1 10000007400074000 SW 94000000000000000000000000000000000000	Spring 4C	05/01/07	WG	UF	CS		Metals	SW-846:6020	Uranium		1.2			0.05	ua/L			185322	GU070400GC4S01	GELC
Spring 4C Obs/100 WG F CS Metals SW-446-50.10 Vanadum 9.7 1 pdt 14 145.22 CPT/200AGC4501 GFLC Spring 4C 0501100 WG FF CS Metals SW-466-5010 Vanadum 10 1 pdt J <td< td=""><td>Spring 4C</td><td>09/19/06</td><td>WG</td><td>UF</td><td>CS</td><td></td><td>Metals</td><td>SW-846:6020</td><td>Uranium</td><td></td><td>1.6</td><td></td><td></td><td>0.05</td><td>μg/L</td><td></td><td></td><td>172551</td><td>GU060900GC4S01</td><td>GELC</td></td<>	Spring 4C	09/19/06	WG	UF	CS		Metals	SW-846:6020	Uranium		1.6			0.05	μg/L			172551	GU060900GC4S01	GELC
Spring 4C Operators WG F CS Metales SW-448-60.108 Vanaduum 6.8 1 upl. 1 172551 GP/080000G-04.501 GELC Spring 4C 069107 WG UF CS Metales SW-446-60.108 Vanaduum 9 1 upl. 1 122551 GUU070400GC42601 GELC Spring 4C 069107 WG UF CS Read LLEE Tituum 8.7877 0.0012 CL 2273 UU070400GC42610 DELT Spring 4C 069106 WG UF CS Rad LLEE Tituum 8.7877 0.0023 0.28777 0.014 0.0178 0.017 WG UF CS VA VA<4482608	Spring 4C	05/01/07	WG	F	CS		Metals	SW-846:6010B	Vanadium		9.7			1	μg/L		J+	185322	GF070400GC4S01	GELC
Spring 4C 05/01/0 WC UF CS Metals SV-446 00108 Vanadium 10 1 IgL 1 IgL 1 IgL 1 IgL 1 IgL 1	Spring 4C	09/19/06	WG	F	CS		Metals	SW-846:6010B	Vanadium		8.6			1	ua/L			172551	GF060900GC4S01	GELC
Spring 4C Op/1 Not V/F CS Metal SW-446.0010B Yanadum 9 r 1 up/1 I Up/1 Up/1 Up/1 Up/1 </td <td>Spring 4C</td> <td>05/01/07</td> <td>WG</td> <td>UF</td> <td>CS</td> <td></td> <td>Metals</td> <td>SW-846:6010B</td> <td>Vanadium</td> <td></td> <td>10</td> <td></td> <td></td> <td>1</td> <td>μg/L</td> <td></td> <td>J+</td> <td>185322</td> <td>GU070400GC4S01</td> <td>GELC</td>	Spring 4C	05/01/07	WG	UF	CS		Metals	SW-846:6010B	Vanadium		10			1	μg/L		J+	185322	GU070400GC4S01	GELC
Spring 4C Obs7107 WG UF CS Rad LEE Tritum 9.8742 0.106773 2377 PC/L 2378 UU0704003C491 UMTL Spring 4C 0128002 WG UF CS Rad LEE Tritum 11.30322 0.08778 PC/L L251 UU074003C491 VMTL Spring 4C 0917906 WG UF CS NVA48.82008 Butanone[2] <	Spring 4C	09/19/06	WG	UF	CS		Metals	SW-846:6010B	Vanadium		9			1	μg/L			172551	GU060900GC4S01	GELC
Spring 4C Op/1900 WG UF CS Rad LLEE Tritum 11.30320 0.28773 Loc.li 2273 Undependences/op/1 Spring 4C 0.01/2800 WG UF CS Rad LLEE Tritum 11.30320 0.28737 Loc.li 11.85 und. U 18735 MU000110C4S UMT Spring 4C 0.051070 WG UF CS VOA SW-446.82608 Burannel2-1 7.95 1.25 und. U 172311 GU0069000CC4501 CELC Spring 5 0.91906 WG F CS Geninorg EPA310.1 Alkalinity-C0+HCO, 71.2 1.45 mgL 172311 GO0200558W01 GELC Spring 5 0.91900 WG F CS Geninorg EPA310.1 Alkalinity-C0+HCO, 71.2 1.45 mgL 172411 GP0300058W01 GELC Spring 5 0.91900 WG F CS Geninorg EPA310.1 Alkalini	Spring 4C	05/01/07	WG	UF	CS		Rad	LLEE	Tritium		9.38742	0.106433333	0.28737		pCi/L			2336	UU070400GC4S01	UMTL
Spring 4C 01/2802 WG UF CS Rad LLEE Tritum 11.3022 017023333 0.28737 C/UL UB(1) UM2011GC4S UMTL Spring 4C 09/1006 WG UF CS VOA SW-846.2006 Butanone[2] <	Spring 4C	09/19/06	WG	UF	CS		Rad	LLEE	Tritium		8.78075	0.09579	0.28737		pCi/L			2273	UU060900GC4S01	UMTL
Spring 4C Obs/1077 MG UF CS VOA SW-846.8220B Butanone[2] 7.95 1.25 upL 1 185222 Cl/070400CGC430 GELC Spring 4 06/91006 WG F CS Geninorg EPA-310.1 Akalinity-CO ₂ +HCO ₂ 74 0.725 mgl. 172322 Cl/074000055W01 GELC Spring 5 09/12005 WG F CS Geninorg EPA-310.1 Akalinity-CO ₂ +HCO ₂ 71.2 1.45 mgl. 172413 GP05000055W01 GELC Spring 5 09/1404 WG F CS Geninorg EPA-310.1 Akalinty-CO ₂ +HCO ₂ 71.2 1.45 mgl. 17241 GP0500005SW01 GELC Spring 5 09/1404 WG F CS Geninorg EPA-310.1 Akalinty-CO ₂ +HCO ₂ 77.2 0.725 mgl. 172411 GD0500005SW01 GELC Spring 5 09/1404 WG F CS Geninorg SW-448.6010B Catum <t< td=""><td>Spring 4C</td><td>01/28/02</td><td>WG</td><td>UF</td><td>CS</td><td></td><td>Rad</td><td>LLEE</td><td>Tritium</td><td></td><td>11.30322</td><td>0.170293333</td><td></td><td>0.28737</td><td>pCi/L</td><td></td><td></td><td>JB1575</td><td>MU02011GC4S</td><td>UMTL</td></t<>	Spring 4C	01/28/02	WG	UF	CS		Rad	LLEE	Tritium		11.30322	0.170293333		0.28737	pCi/L			JB1575	MU02011GC4S	UMTL
Spiring 4C Op/1906 WG UF CS VOA SW-846.8200B Butanely-D_HCO, 74 0.725 mpl. I.73311 QU009000C4SSW01 GELC Spiring 5 09/1906 WG F CS Geninorg EPA:310.1 Alkalinity-CO ₂ +HCO ₃ 77.2 0.725 mpl. I 172411 GF0000005SW01 GELC Spiring 5 09/1404 WG F CS Geninorg EPA:310.1 Alkalinity-CO ₂ +HCO ₃ 77.2 0.725 mpl. I 146889 GF0000005SW01 GELC Spiring 5 09/1404 WG F CS Geninorg EPA:310.1 Alkalinity-CO ₂ +HCO ₃ 77.2 0.725 mpl. I 772172 GEU GF0000005SW01 GELC Spiring 5 05/107 WG F CS Geninorg SW-446.0016B Calcum 18.9 0.036 mpl. 172711 GF000005SW01 GELC Spiring 5 05/107 WG F CS Geninorg SW-446.0016B	Spring 4C	05/01/07	WG	UF	CS		VOA	SW-846:8260B	Butanone[2-]		7.95			1.25	μg/L			185322	GU070400GC4S01	GELC
Spring 5 08/107 WG F CS Geninorg EPA:310.1 Alkalinity-CO ₂ +HCO ₃ 74 0.725 mgL 185222 GF074000GSSW01 GELC Spring 5 08/19/06 WG F CS Geninorg EPA:310.1 Alkalinity-CO ₂ +HCO ₃ 77.2 0.725 mgL 172411 GF063090GSSW01 GELC Spring 5 08/17/06 WG F CS Geninorg EPA:310.1 Alkalinity-CO ₂ +HCO ₃ 77.2 0.725 mgL 127241 GF063090GSSW01 GELC Spring 5 09/19/06 WG F CS Geninorg EPA:310.1 Alkalinity-CO ₂ +HCO ₃ 78.2 0.725 mgL 127241 GF063090GSSW01 GELC Spring 5 09/19/06 WG F CS Geninorg SW-46.6010B Calcum 18.4 0.036 mgL 172411 GF06309GSSW01 GELC Spring 5 09/19/06 WG F CS Geninorg SW-46.6010B Calcum 17.4	Spring 4C	09/19/06	WG	UF	CS		VOA	SW-846:8260B	Butanone[2-]	<	5			1.25	μg/L	U		172311	GU060900GC4S02	GELC
Spring 5 09/906 WG F CS Geninorg EPA:310.1 Akkainity-CO ₂ +HCO ₃ 77.2 0.725 mgL 172411 GF00900GSSW01 GELC Spring 5 09/17/05 WG F CS Geninorg EPA:310.1 Akkainity-CO ₂ +HCO ₃ 71.2 1.45 mgL 146889 GF00900GSSW01 GELC Spring 5 09/14/04 WG F CS Geninorg EPA:310.1 Akkainity-CO ₂ +HCO ₃ 77.2 0.725 mgL 1172411 GF00900GSSW01 GELC Spring 5 05/19/07 WG F CS Geninorg SW48660108 Calcium 18.9 0.036 mgL 1172411 GF00900GSSW01 GELC Spring 5 08/19/06 WG F CS Geninorg SW48660108 Calcium 17.4 0.038 mgL 1184888 GF06090GSSW01 GELC Spring 5 08/14/04 WG F CS Geninorg SW48660108 Calcium 17.3 0.0366 <td>Spring 5</td> <td>05/01/07</td> <td>WG</td> <td>F</td> <td>CS</td> <td></td> <td>Geninorg</td> <td>EPA:310.1</td> <td>Alkalinity-CO₃+HCO₃</td> <td></td> <td>74</td> <td></td> <td></td> <td>0.725</td> <td>mg/L</td> <td></td> <td></td> <td>185322</td> <td>GF070400G5SW01</td> <td>GELC</td>	Spring 5	05/01/07	WG	F	CS		Geninorg	EPA:310.1	Alkalinity-CO ₃ +HCO ₃		74			0.725	mg/L			185322	GF070400G5SW01	GELC
Spring 5 09/27/05 WG F CS Geninorg EPA:310.1 Alkalinity-CO ₄ +HCO ₅ 71.2 1.45 mg/L 148889 GP0300GSSW01 CELC Spring 5 09/14/06 WG LF CS Geninorg EPA:310.1 Alkalinity-CO ₄ +HCO ₃ 72.2 0.725 mg/L 121724 GP04000GSSW01 GELC Spring 5 05/11/07 WG F CS Geninorg SM-4660108 Calcium 18.9 0.036 mg/L 185222 GP04000GSSW01 GELC Spring 5 09/10/04 WG F CS Geninorg SM-4660108 Calcium 18.4 0.036 mg/L 148889 GP04000SSW01 GELC Spring 5 09/10/04 WG F CS Geninorg SM-4660108 Calcium 17.4 0.036 mg/L 148889 GP0300SSW01 GELC Spring 5 09/14/04 WG F CS Geninorg SM-4660108 Calcium 17.4 0.036 <	Spring 5	09/19/06	WG	F	CS		Geninorg	EPA:310.1	Alkalinity-CO ₃ +HCO ₃		77.2			0.725	mg/L			172411	GF060900G5SW01	GELC
Spring 5 Op/14/04 WG F CS Geninorg EPA:310.1 Alkalinity-CO_2+HCO_3 117 1.45 mg/L 12724 GF04090G5SW01 GELC Spring 5 09/19/06 WG UF CS Geninorg EPA:310.1 Alkalinity-CO_2+HCO_3 78.2 0.725 mg/L 172411 GU060900GSSW01 GELC Spring 5 09/19/06 WG F CS Geninorg SW-846.6010B Calcium 18.4 0.036 mg/L 172411 GF069900GSSW01 GELC Spring 5 09/14/04 WG F CS Geninorg SW-846.6010B Calcium 17.4 0.036 mg/L 1121724 GF04990GSSW01 GELC Spring 5 09/14/04 WG F CS Geninorg SW-846.6010B Calcium 18.2 0.036 mg/L 11421724 GF04990GSSW01 GELC Spring 5 09/19/06 WG UF CS Geninorg SW-846.6010B Calcium 18.2 0.036 <td>Spring 5</td> <td>09/27/05</td> <td>WG</td> <td>F</td> <td>CS</td> <td></td> <td>Geninorg</td> <td>EPA:310.1</td> <td>Alkalinity-CO₃+HCO₃</td> <td></td> <td>71.2</td> <td></td> <td></td> <td>1.45</td> <td>mg/L</td> <td></td> <td></td> <td>146889</td> <td>GF05090G5SW01</td> <td>GELC</td>	Spring 5	09/27/05	WG	F	CS		Geninorg	EPA:310.1	Alkalinity-CO ₃ +HCO ₃		71.2			1.45	mg/L			146889	GF05090G5SW01	GELC
Spring 5 09/1906 WG UF CS Geninorg EPA:310.1 Alkalinity-CO3+HCO3 78.2 0.725 mg/L 172411 GU0809005SW01 GELC Spring 5 050107 WG F CS Geninorg SW-486.6010B Calcium 18.9 0.036 mg/L 1172411 GU0809005SW01 GELC Spring 5 09/13/06 WG F CS Geninorg SW-486.6010B Calcium 17.4 0.036 mg/L 1172411 GU0809005SW01 GELC Spring 5 09/14/04 WG F CS Geninorg SW-486.6010B Calcium 17.3 0.00554 mg/L 148383 GF050906SSW01 GELC Spring 5 09/14/04 WG UF CS Geninorg SW-486.6010B Calcium 18.2 0.036 mg/L 146889 GU0704006SSW01 GELC Spring 5 09/17/05 WG UF CS Geninorg SW-486.6010B Calcium 17.5 0.036 <	Spring 5	09/14/04	WG	F	CS		Geninorg	EPA:310.1	Alkalinity-CO ₃ +HCO ₃		117			1.45	mg/L			121724	GF04090G5SW01	GELC
Christig Control Control Christig	Spring 5	09/19/06	WG		CS		Geninora	FPA:310.1	Alkalinity-CO ₄ +HCO ₄		78.2			0 725	ma/l			172411	GU060900G5SW01	GELC
Spring 5 Ob/10/U WG F CS Geninorg SW-846:010B Calcium 18.9 0.036 mg/L 17.2411 GF0040005SW01 GEL Spring 5 09/19/06 WG F CS Geninorg SW-846:010B Calcium 17.4 0.036 mg/L 1.12741 GF006000GSW01 GELC Spring 5 09/19/06 WG F CS Geninorg SW-846:010B Calcium 17.3 0.036 mg/L 1.12724 GF00400GSSW01 GELC Spring 5 09/19/06 WG UF CS Geninorg SW-846:010B Calcium 18.2 0.036 mg/L 1.18322 GU070400GSSW01 GELC Spring 5 09/19/06 WG UF CS Geninorg SW-846:010B Calcium 17.5 0.036 mg/L 1.48893 GU05900GSSW01 GELC Spring 5 09/19/06 WG F CS Geninorg SW-846:010B Calcium 17.5 0.036 mg/L	Opring 5	05/13/00	WO		00		Ceninorg				10.2			0.720	mg/∟			405000	000000000000000000000000000000000000000	
Spring 5 Op/19/06 WG F CS Geninorg SW-466:0016 Calcum 17.4 O.0.36 mg/L 11.4888 GP/50500GS/W01 GELC Spring 5 09/14/04 WG F CS Geninorg SW-466:0016 Calcium 17.4 0.0.036 mg/L 11.4784 GF05090GS/W01 GELC Spring 5 09/14/04 WG F CS Geninorg SW-466:0016 Calcium 17.3 0.00554 mg/L 112724 GF05090GS/W01 GELC Spring 5 09/19/06 WG UF CS Geninorg SW-466:0108 Calcium 18.3 0.036 mg/L 11282 GEV GEV Spring 5 0.919/06 WG F CS Geninorg SW-846:60108 Calcium 17.5 0.036 mg/L 114889 GU05090GS/W01 GELC Spring 5 09/19/06 WG F CS Geninorg EPA:30.0 Choirde 4.1 0.066 mg/L 112812 <	Spring 5	05/01/07	WG				Geninorg	SVV-846:6010B			18.9			0.036	mg/L			185322	GF070400G5SW01	GELC
Spring 5 Op/2/1/5 WG F CS Geninorg SW-846:6010B Calcum 17.4 0.0036 mg/L 148689 GP/03090558W01 GELC Spring 5 05/01/07 WG UF CS Geninorg SW-846:6010B Calcum 18.2 0.036 mg/L 185322 GU074000655W01 GELC Spring 5 09/27/05 WG UF CS Geninorg SW-846:6010B Calcum 18.3 0.036 mg/L 1748689 GU0590055SW01 GELC Spring 5 09/27/05 WG UF CS Geninorg SW-846:6010B Calcum 17.5 0.036 mg/L 148689 GU059005SW01 GELC Spring 5 09/27/05 WG F CS Geninorg EPA:300.0 Chloride 4.1 0.066 mg/L 148898 GU059006SSW01 GELC Spring 5 09/14/04 WG F CS Geninorg EPA:300.0 Chloride 4.01 0.033 mg/L	Spring 5	09/19/06	WG				Geninorg	SVV-846:6010B			18.4			0.036	mg/L			172411	GF060900G5SW01	GELC
Spiring 5 Op/14/04 WG P CS Geminorg SW-946.6010B Calcium I1.3 0.0036 mg/L I121/24 GF04090033W01 GELC Spring 5 09/19/06 WG UF CS Geninorg SW-946.6010B Calcium 18.2 0.036 mg/L 172312 GF040900035W01 GELC Spring 5 09/27/05 WG UF CS Geninorg SW-846.6010B Calcium 17.5 0.036 mg/L 146889 GU05090G5SW01 GELC Spring 5 09/27/05 WG UF CS Geninorg EPA.300.0 Chloride 3.96 0.066 mg/L 148532 GG05090G5SW01 GELC Spring 5 09/19/06 WG F CS Geninorg EPA.300.0 Chloride 4.1 0.066 mg/L 148689 GF05090G5SW01 GELC Spring 5 09/19/06 WG F CS Geninorg EPA.300.0 Chloride 4.06 0.033 mg/L	Spring 5	09/27/05	WG				Geninorg	SW-846:6010B	Calcium		17.4			0.036	mg/L ma/l			140889	GF05090G55W01	
Spring 5 OS/01/07 WG DF CS Gellinity Lat/unit 16.2 0.036 Ing/L 17322 G0/0400538701 GEL Spring 5 09/27/05 WG UF CS Geninorg SW-846:6010B Calcium 17.5 0.036 mg/L 146889 GU050900655W01 GELC Spring 5 09/27/05 WG F CS Geninorg EPA:300.0 Chloride 3.96 0.066 mg/L 172411 GP06090055SW01 GELC Spring 5 09/27/05 WG F CS Geninorg EPA:300.0 Chloride 4.06 0.053 mg/L 148889 GP03090055W01 GELC Spring 5 09/27/05 WG F CS Geninorg EPA:300.0 Chloride 4.05 0.033 mg/L 148889 GP0309065SW01 GELC Spring 5 09/14/04 WG F CS Geninorg EPA:300.0 Chloride 4.11 0.066 mg/L 12124 <td< td=""><td>Spring 5</td><td>09/14/04</td><td>WG</td><td></td><td></td><td></td><td>Geninorg</td><td>SW-040.0010B</td><td></td><td></td><td>17.3</td><td></td><td></td><td>0.000004</td><td>mg/∟ mg/l</td><td></td><td></td><td>121724</td><td>GF04090G55W01</td><td></td></td<>	Spring 5	09/14/04	WG				Geninorg	SW-040.0010B			17.3			0.000004	mg/∟ mg/l			121724	GF04090G55W01	
Spring 5 Op/13/06 WG F CS Geminorg SW-848:0010B Calculum 17.5 0.036 mg/L 114889 Colosion/SSW01 GelL Spring 5 05/01/07 WG F CS Geninorg EPA:300.0 Chloride 3.96 0.066 mg/L 1185322 GF070400G5SW01 GELC Spring 5 09/19/06 WG F CS Geninorg EPA:300.0 Chloride 4.1 0.066 mg/L 1185322 GF070400G5SW01 GELC Spring 5 09/19/06 WG F CS Geninorg EPA:300.0 Chloride 4.06 0.053 mg/L 114889 GF05090C5SW01 GELC Spring 5 09/14/04 WG F CS Geninorg EPA:300.0 Chloride 4.11 0.066 mg/L 1121724 GF0409005SW01 GELC Spring 5 09/19/06 WG F CS Geninorg EPA:300.0 Fluoride 0.411 0.033 mg/L	Spring 5	05/01/07	WG				Geninorg	SW-040.0010B			10.2			0.036	mg/∟ mg/l			100322	GU070400G55001	
Spring 5 Op/2/105 WG F CS Geninorg EPA300.0 Chloride 3.96 0.066 mg/L 148689 G000090658W01 GELC Spring 5 09/19/06 WG F CS Geninorg EPA300.0 Chloride 3.96 0.066 mg/L 172411 GF060900G58W01 GELC Spring 5 09/19/06 WG F CS Geninorg EPA300.0 Chloride 4.06 0.053 mg/L 148689 GF05090G58W01 GELC Spring 5 09/19/06 WG F CS Geninorg EPA300.0 Chloride 4.06 0.032 mg/L 148689 GF05090G58W01 GELC Spring 5 09/19/06 WG F CS Geninorg EPA300.0 Chloride 4.11 0.032 mg/L 148689 GF05090G58W01 GELC Spring 5 05/01/07 WG F CS Geninorg EPA300.0 Fluoride 0.41 0.033 mg/L 185322	Spring 5	09/19/00	WG				Geninorg	SW-040.0010B	Calcium		10.3	-		0.030	mg/L mg/l			1/2411	GU000900G53W01	
Op/Inition Op/Init	Spring 5	05/01/07	WG		CS		Geninorg	EDA:200.0	Chlorido		3.06			0.030	mg/L			195222	GE070400G5SW01	
Op/18/00 OP/18/00	Spring 5	00/10/06	WG		CS		Geninorg	EPA:300.0	Chloride		3.90			0.000	mg/L			172/11	GE060000G5SW01	
Op/Ing 5 Os/2/103 WG F CS Geninorg EPA:300.0 Chloride 4.06 0.032 Ing/L 140003 GF04090G5SW01 GEL2 Spring 5 09/19/06 WG UF CS Geninorg EPA:300.0 Chloride 4.05 0.032 mg/L 172411 GU060900G5SW01 GEL2 Spring 5 09/19/06 WG F CS Geninorg EPA:300.0 Fluoride 0.41 0.033 mg/L 185322 GF070400G5SW01 GEL2 Spring 5 09/19/06 WG F CS Geninorg EPA:300.0 Fluoride 0.41 0.033 mg/L 185322 GF070400G5SW01 GEL2 Spring 5 09/19/06 WG F CS Geninorg EPA:300.0 Fluoride 0.421 0.03 mg/L 142889 GF05090G5SW01 GEL2 Spring 5 09/19/06 WG F CS Geninorg EPA:300.0 Fluoride 0.423 0.033 mg/L	Spring 5	09/19/00	WG		CS		Geninorg	EPA:300.0	Chloride		4.1			0.000	mg/L			1/6880	GF050900G5SW01	
Op/Ing 5 Op/Ing 6	Spring 5	09/27/03	WG		CS		Geninorg	EPA:300.0	Chloride		4.00			0.033	mg/L			121724	GF04090G5SW01	
Op/Ing 5 Ob/10/07 WG OI OS Op/Ind/g E1 A:300.0 Filloride F.11 O.000 Ing/L Int2411 Ob/000000000000000000000000000000000000	Spring 5	09/19/06	WG		<u>CS</u>		Geninorg	EPA:300.0	Chloride		4.03			0.0522	mg/L			172/11	GLI060900055W01	
Spring 5 Op/19/06 WG F CS Geninorg EPA:300.0 Fluoride 0.424 0.033 mg/L U 172411 GF06900G5SW01 GELC Spring 5 09/19/06 WG F CS Geninorg EPA:300.0 Fluoride 0.424 0.033 mg/L U 172411 GF06900G5SW01 GELC Spring 5 09/27/05 WG F CS Geninorg EPA:300.0 Fluoride 0.421 0.033 mg/L 146889 GF06900G5SW01 GELC Spring 5 09/14/04 WG F CS Geninorg EPA:300.0 Fluoride 0.43 0.0553 mg/L U 172411 GF04900G5SW01 GELC Spring 5 09/19/06 WG F CS Geninorg EPA:300.0 Fluoride <	Spring 5	05/01/07	WG		<u>CS</u>		Geninorg	EPA:300.0	Fluoride		4.11			0.000	mg/L			185322	GE070400G5SW01	
Spring 5 Og/17/05 WG F CS Geninorg EPA:300.0 Fluoride 0.424 0.035 mg/L 146889 GF05090G5SW01 GELC Spring 5 09/27/05 WG F CS Geninorg EPA:300.0 Fluoride 0.421 0.03 mg/L 146889 GF05090G5SW01 GELC Spring 5 09/14/04 WG F CS Geninorg EPA:300.0 Fluoride 0.43 0.033 mg/L 121724 GF04090G5SW01 GELC Spring 5 09/19/06 WG UF CS Geninorg EPA:300.0 Fluoride 0.43 0.033 mg/L 121724 GF04090G5SW01 GELC Spring 5 09/19/06 WG F CS Geninorg SM:A2340B Hardness 67.5 0.033 mg/L 18522 GF070400G5SW01 GELC Spring 5 09/19/06 WG F CS Geninorg SM:A2340B Hardness 65.2 0.085 mg/L <td< td=""><td>Spring 5</td><td>09/19/06</td><td>WG</td><td>F</td><td><u>CS</u></td><td></td><td>Geninorg</td><td>EPA:300.0</td><td>Fluoride</td><td>/</td><td>0.41</td><td></td><td></td><td>0.033</td><td>mg/L</td><td></td><td>11</td><td>172/11</td><td>GF060000G5SW01</td><td></td></td<>	Spring 5	09/19/06	WG	F	<u>CS</u>		Geninorg	EPA:300.0	Fluoride	/	0.41			0.033	mg/L		11	172/11	GF060000G5SW01	
Opining 5 Oscil registring	Spring 5	09/27/05	WG	F	<u> </u>		Geninorg	EPA:300.0	Fluoride	\sim	0.424			0.000	mg/L mg/l		0	1/6880	GE05090G5SW01	GELC
Spring 5 09/19/06 WG UF CS Geninorg EPA:300.0 Fluoride < 0.423 0.033 mg/L U 172411 GU060900G5SW01 GELC Spring 5 05/01/07 WG F CS Geninorg SM:A2340B Hardness 67.5 0.44 mg/L 185322 GF070400G5SW01 GELC Spring 5 09/19/06 WG F CS Geninorg SM:A2340B Hardness 67.5 0.44 mg/L 185322 GF070400G5SW01 GELC Spring 5 09/19/06 WG F CS Geninorg SM:A2340B Hardness 65.2 0.085 mg/L 172411 GF060900G5SW01 GELC Spring 5 09/27/05 WG F CS Geninorg SM:A2340B Hardness 61.9 0.085 mg/L 146889 GF05090G5SW01 GELC Spring 5 09/27/05 WG F CS Geninorg SM:A2340B Hardness 61.9 0.08	Spring 5	09/14/04	WG	F	CS		Geninorg	EPA:300.0	Fluoride		0.43	1		0.0553	mg/⊑	+		121724	GF04090G5SW01	GELC
Spring 5 05/10/7 WG F CS Geninorg SM:A2340B Hardness 67.5 0.44 mg/L 185322 GF070400G5SW01 GELC Spring 5 09/19/06 WG F CS Geninorg SM:A2340B Hardness 67.5 0.44 mg/L 185322 GF070400G5SW01 GELC Spring 5 09/19/06 WG F CS Geninorg SM:A2340B Hardness 65.2 0.085 mg/L 172411 GF060900G5SW01 GELC Spring 5 09/27/05 WG F CS Geninorg SM:A2340B Hardness 61.9 0.085 mg/L 146889 GF05090G5SW01 GELC Spring 5 09/14/04 WG F CS Geninorg EPA:200.7 Hardness 62.5 0.00554 mg/L 121724 GF04090G5SW01 GELC Spring 5 05/01/07 WG UF CS Geninorg SM:A2340B Hardness 62.5 0.044 mg/L <t< td=""><td>Spring 5</td><td>09/19/06</td><td>WG</td><td></td><td><u>CS</u></td><td></td><td>Geninorg</td><td>EPA:300.0</td><td>Fluoride</td><td>~</td><td>0.423</td><td></td><td></td><td>0.033</td><td>mg/⊑</td><td></td><td></td><td>172/11</td><td>GI I060900C5S\\/01</td><td>GELC</td></t<>	Spring 5	09/19/06	WG		<u>CS</u>		Geninorg	EPA:300.0	Fluoride	~	0.423			0.033	mg/⊑			172/11	GI I060900C5S\\/01	GELC
Spring 5 09/19/06 WG F CS Geninorg SM:A2340B Hardness 65.2 0.085 mg/L 172411 GF060900G5SW01 GELC Spring 5 09/27/05 WG F CS Geninorg SM:A2340B Hardness 65.2 0.085 mg/L 172411 GF060900G5SW01 GELC Spring 5 09/27/05 WG F CS Geninorg SM:A2340B Hardness 61.9 0.085 mg/L 146889 GF05090G5SW01 GELC Spring 5 09/14/04 WG F CS Geninorg EPA:200.7 Hardness 62.5 0.00554 mg/L 121724 GF04090G5SW01 GELC Spring 5 05/01/07 WG UF CS Geninorg SM:A2340B Hardness 62.5 0.044 mg/L 121724 GF04090G5SW01 GELC Spring 5 05/01/07 WG UF CS Geninorg SM:A2340B Hardness 65.4 0.44 mg/L	Spring 5	05/01/07	WG	F	<u>CS</u>		Geninorg	SM·A23/0R	Hardness	È	67.5			0.000	mg/⊑			185322	GE070400G5SW01	GELC
Spring 5 09/27/05 WG F CS Geninorg SM:A2340B Hardness 61.9 0.085 mg/L 146889 GF05090G5SW01 GELC Spring 5 09/14/04 WG F CS Geninorg EPA:200.7 Hardness 62.5 0.00554 mg/L 121724 GF04090G5SW01 GELC Spring 5 05/01/07 WG UF CS Geninorg SM:A2340B Hardness 62.5 0.00554 mg/L 121724 GF04090G5SW01 GELC Spring 5 05/01/07 WG UF CS Geninorg SM:A2340B Hardness 65.4 0.44 mg/L 185322 GU070400G5SW01 GELC	Spring 5	09/19/06	WG	F	CS		Geninorg	SM:A2340B	Hardness	1	65.2			0.085	mg/⊑		1	172411	GE060900G5SW01	GELC
Spring 5 09/14/04 WG F CS Geninorg EPA:200.7 Hardness 62.5 0.0054 mg/L 120704 000000000000000000000000000000000000	Spring 5	09/27/05	WG	l'F	CS	1	Geninorg	SM:A2340B	Hardness	+	61.9			0.085	ma/l	1	1	146889	GF05090G5SW01	GFLC
Spring 5 05/01/07 WG UF CS Geninorg SM:A2340B Hardness 65.4 0.44 Image 121/24 GF04030030W01 GELC	Spring 5	09/14/04	WG	İ _F	CS		Geninorg	FPA:200 7	Hardness	1	62.5	1		0.00554	ma/l	+	1	121724	GF04090G5SW01	GFLC
	Spring 5	05/01/07	WG	UF	CS	1	Geninora	SM:A2340B	Hardness	1	65.4	1		0.44	ma/l			185322	GU070400G5SW01	GELC

Lachino Fred Body Los program Fred String			-						Analytical Results		-			-	1			1		
Series OPTION MAX Date th=""> Date Date <</thdate<>	Location	Date	Field Matrix	Field Prep	Lab Sample	Field QC	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDI	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 5 OPE725 WG UT DES Descring 3 DATA No. 1 THEBRS Dispersion Control of the co	Spring 5	09/19/06	WG	UF	CS	- 71	Geninora	SM:A2340B	Hardness		64.9			0.085	ma/L			172411	GU060900G5SW01	GELC
Sering 5 MC 11/2 MS F CS Sering 5 MS 101	Spring 5	09/27/05	WG	UF	CS		Geninora	SM:A2340B	Hardness		62.2			0.085	ma/L			146889	GU05090G5SW01	GELC
Sering 5 Optimized No. 6 P CS Sommary 3 Webschleid Magnetision 4.40 D.085 mp2 H. 17441 GroupscoleSSWH 181C Sering 5 0671404 VC F CS Gening 3 WebscoleSSWH 181C 4.40 D.085 mp2 H. 14040 CroupscoleSSWH 181C CS Sering 5 0671404 VC F CS Gening 3 WebscoleSSWH 181C Gening 3 WebscoleSSWH 181C Gening 3 WebscoleSSWH 181C Gening 3 Gening 3 WebscoleSSWH 181C Gening 3 Gening 3 WebscoleSSWH 181C	Spring 5	05/01/07	WG	F	CS		Geninora	SW-846:6010B	Magnesium		4.96			0.085	ma/L			185322	GF070400G5SW01	GELC
Spring 5 Optimization 4.49 0.005 mpl 1.40000 mpl 1.400000	Spring 5	09/19/06	WG	F	CS		Geninorg	SW-846:6010B	Magnesium		4 69			0.085	ma/l			172411	GE060900G5SW01	GELC
Spring 5 Op/14.40 VMC F CS Opening 0 Mogenetium 4.40 0.051 Prof. Ph/222	Spring 5	09/27/05	WG	F	CS		Geninorg	SW-846:6010B	Magnesium		4 49			0.085	ma/l			146889	GE05090G5SW01	GELC
Symp 6 Optimize Wei B C Communic Wei 4460100 Magnetium 4.42 D.080 mpl. Period 20070000000000000000000000000000000000	Spring 5	09/14/04	WG	F	CS		Geninorg	SW-846:6010B	Magnesium		4 66			0.00518	ma/l			121724	GF04090G5SW01	GELC
Spring 5 Oct 9/9/06 V/C U/F C.S. Centrolog Silvade Structure 6.44 D.058 Ingl. Ingl	Spring 5	05/01/07	WG		CS		Geninorg	SW-846:6010B	Magnesium		4.82			0.00010	ma/l			185322	GU070400G5SW01	GELC
Spring 5 Oper Vis Or Vis Oper Vis Op	Spring 5	09/19/06	WG	UF	CS		Geninorg	SW-846:6010B	Magnesium		4 64			0.085	ma/l			172411	GU060900G5SW01	GELC
Spring 5 Control P CS Generation 2 FPA 333.2 Nitrate Nitrite at N D 220 D 0114 mp1. I 1833.2 C Provide Control N Spring 6 0047906 WG F CS Geninosog FPA 333.1 Nitrate Nitrite at N 0.664 0.0114 mp1. 11408 Geninosog FPA 333.1 Nitrate Nitrite at N 0.664 0.0114 mp1. 11408 Geninosog FPA 333.1 Nitrate Nitrite at N 0.664 0.0114 mp1. 14.4 T17411 Geninosog FPA 333.1 Nitrate Nitrite as N 0.666 0.0144 mp1. 1.4 T17411 Geninosog FPA 331.0 Nitrate Nitrite as N 0.666 0.0144 mp1. L4 T17411 Geninosog FPA 331.0 Nitrate Nitrite as N 0.666 0.0144 mp1. L4 T17411 Geninosog FPA 331.0 Nitrate Nitrite as N 0.666 0.014 mp1. L4 T17411 Geninosog FPA 340.0 Preshorese C 4.4 L L L2 L2 <td< td=""><td>Spring 5</td><td>09/27/05</td><td>WG</td><td></td><td>CS</td><td></td><td>Geninorg</td><td>SW-846:6010B</td><td>Magnesium</td><td></td><td>4.51</td><td></td><td></td><td>0.000</td><td>ma/l</td><td></td><td></td><td>146889</td><td>GU05090G5SW01</td><td>GELC</td></td<>	Spring 5	09/27/05	WG		CS		Geninorg	SW-846:6010B	Magnesium		4.51			0.000	ma/l			146889	GU05090G5SW01	GELC
Shring 5 Open 1900 PF CS Cemining PPA:33.1 Wintle Nintle as N 0.694 D014 mpL 172411 Ceming 1924000 Ceming 1924000000 Ceming 1924000000000000000000000000000000000000	Spring 5	05/01/07	WG	F	CS		Geninorg	EPA:353.2	Nitrate-Nitrite as N		0.726			0.000	ma/l			185322	GE070400G5SW01	GELC
Spring 5 Operation 900 PF Ass3 1 Mintae-Nintrie as N Operation 900 Physics 1 Operation 900 Operation 900 Operation 9000	Spring 5	09/19/06	WG	F	<u> </u>		Geninorg	EPA:353.1	Nitrate-Nitrite as N		0.664			0.01	mg/L			172/11	GE060900G5SW01	GELC
Spiring 5 Spiring 5 <t< td=""><td>Spring 5</td><td>09/13/00</td><td>WG</td><td>F</td><td><u>CS</u></td><td></td><td>Geninorg</td><td>EDA:353.1</td><td>Nitrate-Nitrite as N</td><td></td><td>0.634</td><td></td><td></td><td>0.014</td><td>mg/L</td><td></td><td></td><td>1/6880</td><td>GF05000G5SW01</td><td></td></t<>	Spring 5	09/13/00	WG	F	<u>CS</u>		Geninorg	EDA:353.1	Nitrate-Nitrite as N		0.634			0.014	mg/L			1/6880	GF05000G5SW01	
Spring 5 Open 1000 WG F C.S. Commong FPA-353.1 Internet-National State Open 10 WG P C.S. Commong SWA46-6580 Perthomate Open 14 I	Spring 5	09/27/03	WG		CS		Geninorg	EPA:353.1	Nitrate Nitrite as N		0.034			0.017	mg/L		L.	121724	GE04000G5SW01	
Openand Openand First Openand Openand Openand Openand Description Spring 5 06/19/06 ViG F CS Geninary Synthy 65 05/19/06 ViG F CS Geninary Synthy 65 06/19/06 ViG F CS Geninary Synthy 66 05/19/06 ViG F CS Geninary Synthy 66 06/19/06 ViG F CS Geninary Synthy 66 06/19/07 ViG F CS Geninary Synthy 68 Percilicate <	Spring 5	09/14/04	WC				Coninorg	EDA:252.1	Nitrate Nitrite as N		0.757			0.003	mg/L		JT	170/11		
District District Picket District ict< th=""> <thdistrict< th=""> <th< td=""><td>Spring 5</td><td>09/19/00</td><td>WG</td><td></td><td></td><td>-</td><td>Geninorg</td><td>EFA.333.1</td><td>Dereblerate</td><td>-</td><td>0.00</td><td></td><td></td><td>0.014</td><td>mg/∟</td><td></td><td></td><td>105222</td><td>G0000900G53W01</td><td></td></th<></thdistrict<></thdistrict<>	Spring 5	09/19/00	WG			-	Geninorg	EFA.333.1	Dereblerate	-	0.00			0.014	mg/∟			105222	G0000900G53W01	
Open 10 Open 10 <t< td=""><td>Spring 5</td><td>05/01/07</td><td>WG</td><td></td><td></td><td></td><td>Geninorg</td><td>SVV-846:6850</td><td>Perchiorate</td><td></td><td>0.415</td><td></td><td></td><td>0.05</td><td>μg/L</td><td></td><td>J-</td><td>180322</td><td>GF070400G5SW01</td><td>GELC</td></t<>	Spring 5	05/01/07	WG				Geninorg	SVV-846:6850	Perchiorate		0.415			0.05	μg/L		J-	180322	GF070400G5SW01	GELC
Optimitize Optimitize C A dot H dot Index Optimitize C A dot H dot Index Optimitize Optimitize C A dot H dot Index Optimitize itize< th=""> <thoptimitize< th=""> <</thoptimitize<></thoptimitize<>	Spring 5	09/19/06	WG				Geninorg	500846 6850	Perchiorate		0.392			0.05	μg/L			172411	GF060900G5SW01	GELC
Spring 5 Disar, 100 Productional C Autor Disar, 100 Productional C Autor Disar, 100 Productional C C Autor C Autor C C C <thc< t<="" td=""><td>Spring 5</td><td>09/19/06</td><td>WG</td><td></td><td></td><td></td><td>Geninorg</td><td>EPA:314.0</td><td>Perchiorate</td><td><</td><td>4</td><td></td><td></td><td>4</td><td>μg/L</td><td>U</td><td></td><td>172411</td><td>GF060900G5SW01</td><td>GELC</td></thc<>	Spring 5	09/19/06	WG				Geninorg	EPA:314.0	Perchiorate	<	4			4	μg/L	U		172411	GF060900G5SW01	GELC
Spring 3 Dest/105 WG UP CSS Centing Find 3 Dest/104 UP T21728 Gludeago(SSW) CEL Spring 3 D914104 WG UP CSS Gennorg EPA.314.0 Perchiorate 0.423 0.05 up1. 121725 Gludeago(SSW) GELC Spring 3 D914104 WG F CSS Gennorg EPA.314.0 Perchiorate 4 4 up1. 112725 Gludeago(SSW) GELC Spring 3 D914104 WG F CSS Gennorg SW-486.0108 Percsstum 1.83 0.05 mg1. 112724 Grudeago(SSW) GELC Grudeago(SSW) GELC Grudeago(SSW) GELC Grudeago(SSW) GELC GENnog SW-486.0108 Peasastum 1.87 0.0165 mg1. 112724 Grudeago(SSW) GELC GENnog ng 5</td> <td>09/27/05</td> <td>WG</td> <td></td> <td>CS</td> <td>-</td> <td>Geninorg</td> <td>SVV846 6850</td> <td>Perchlorate</td> <td>-</td> <td>0.405</td> <td></td> <td></td> <td>0.05</td> <td>μg/L</td> <td></td> <td></td> <td>146889</td> <td>GF05090G5SW01</td> <td>GELC</td>	Spring 5	09/27/05	WG		CS	-	Geninorg	SVV846 6850	Perchlorate	-	0.405			0.05	μg/L			146889	GF05090G5SW01	GELC
Spring 1 Object Add Wide UP CS Geminary Berlingting 1 Out Add Wide Wide Wide Wide Wide Wide Wide Wi	Spring 5	09/27/05	WG		CS	-	Geninorg	EPA:314.0	Perchlorate	<	4			4	μg/L	U		146889	GF05090G5SW01	GELC
Spring 5 OW1404 WG UP CS Gennorg EPAra13.0 Perchastum 2.13 0.05 mg/L 11272 GUAMQUOSSWUT GELC Spring 5 0.501107 WG F CS Gennorg SW-486 00108 Potassum 1.89 0.05 mg/L 117241 GF0409005SWUT GELC Spring 5 0.941004 WG F CS Gennorg SW-486 00108 Potassum 1.83 0.05 mg/L 117241 GF0409005SWUT GELC Spring 5 0.941404 WG F CS Gennorg SW-486 00108 Potassum 1.87 0.0165 mg/L 112724 GF0409005SWUT GELC Spring 5 0.941404 WG F CS Gennorg SW-486 00108 Potassum 1.87 0.0165 mg/L 117241 GF0409005SWUT GELC Spring 5 0.941404 WG F CS Gennorg SW-486 00108 Potassum 1.82 0.055 mg/L 117241	Spring 5	09/14/04	WG		CS		Geninorg	SW846 6850	Perchlorate		0.423	-		0.05	μg/L			121/25	GU04090G5SW01	GELC
Spiring 5 Obs/10/2 M/G F CS Colonorg SW-846.80108 Protessium 2.13 0.05 mgL 1183.22 CPU/40UGSSW01 GELC Spiring 5 09/1306 W/G F CS Geninorg SW-846.80108 Potassium 1.89 0.06 mgL 1148488 GF06000265W01 GELC Spiring 5 09/1404 W/G F CS Geninorg SW-846.80108 Potassium 1.87 0.06 mgL 112724 GF06000265W01 GELC Spiring 5 09/1100 W/G F CS Geninorg SW-846.60108 Potassium 1.92 0.06 mgL 1185322 GF070400065SW01 GELC Spiring 5 09/2105 W/G F CS Geninorg SW-846.60108 Stilson Dioxide 67.4 0.032 mgL 1144888 GE000005SW01 GELC Spiring 5 09/2105 W/G F CS Geninorg SW-846.60108 Stilson Dioxide 66.1 0.032<	Spring 5	09/14/04	WG		CS		Geninorg	EPA:314.0	Perchlorate	<	4	-		4	μg/L	U		121/25	GU04090G5SW01	GELC
Spring 5 Ops1306 WG F CS Geninorg SW-446.6010B Protessium 1.83 0.05 mg/L 112481 GF069000GSSW01 GELC Spring 5 0914104 WG F CS Geninorg SW-446.6010B Potassium 1.87 0.0165 mg/L 128322 GP0400005SW01 GELC Spring 5 091100 WG LF CS Geninorg SW-446.6010B Potassium 1.92 0.05 mg/L 118724 GF04090005SW01 GELC Spring 5 0911006 WG LF CS Geninorg SW-446.6010B Potassium 1.82 0.05 mg/L 1172411 GU009006SW01 GELC Spring 5 0912106 WG F CS Geninorg SW-446.6010B Silicon Dioxide 66.7 0.032 mg/L 1172411 GF069000CSSW01 GELC Spring 5 0921705 WG F CS Geninorg SW-446.6010B Silicon Dioxide 66.1 0.032	Spring 5	05/01/07	WG	F	CS		Geninorg	SW-846:6010B	Potassium		2.13			0.05	mg/L			185322	GF070400G5SW01	GELC
Spring 5 OBS/2705 WG F CS Gennorg SW-48.6010B Plotassium 18.3 0.05 mg/L 142724 GF050003GSW01 GELC Spring 5 0501107 WG JF CS Geninorg SW-48.6010B Plotassium 2.09 0.05 mg/L 112724 GF0060002SSW01 GELC Spring 5 0921705 WG JF CS Geninorg SW-48.6010B Plotassium 1.82 0.05 mg/L 148829 GP070400003SSW01 GELC Spring 5 0921705 WG JF CS Geninorg SW-48.6010B Silicon Dioxide 68.8 0.032 mg/L 148839 GF070400C3SSW01 GELC Spring 5 0912106 WG F CS Geninorg SW-48.6010B Silicon Dioxide 64.3 0.032 mg/L 112724 GF05090C5SSW01 GELC Spring 5 091306 WG F CS Geninorg SW-48.6010B Silicon Dioxide 66.1 0.032 </td <td>Spring 5</td> <td>09/19/06</td> <td>WG</td> <td>F</td> <td>CS</td> <td></td> <td>Geninorg</td> <td>SW-846:6010B</td> <td>Potassium</td> <td></td> <td>1.89</td> <td></td> <td></td> <td>0.05</td> <td>mg/L</td> <td></td> <td></td> <td>172411</td> <td>GF060900G5SW01</td> <td>GELC</td>	Spring 5	09/19/06	WG	F	CS		Geninorg	SW-846:6010B	Potassium		1.89			0.05	mg/L			172411	GF060900G5SW01	GELC
Spring 5 OB/14/04 WG F CS Geninorg SW-846.6010B Potassum 1.87 0.0165 mg/L 112122 GP-0090055W01 GELC Spring 5 0941906 WG UF CS Geninorg SW-846.6010B Potassium 1.92 0.05 mg/L 1172411 GU00900GSW01 GELC Spring 5 092705 WG UF CS Geninorg SW-846.6010B Potassium 1.82 0.05 mg/L 1185322 GF070000GSW01 GELC Spring 5 092705 WG F CS Geninorg SW-846.6010B Silicon Dioxide 68.8 0.032 mg/L 118232 GF070000GSW01 GELC Spring 5 092705 WG F CS Geninorg SW-846.6010B Silicon Dioxide 66.1 0.032 mg/L 114284 GF040900GSW01 GELC Spring 5 0912705 WG UF CS Geninorg SW-846.6010B Silicon Dioxide 66.1 0.032	Spring 5	09/27/05	WG	F	CS		Geninorg	SW-846:6010B	Potassium		1.83			0.05	mg/L			146889	GF05090G5SW01	GELC
Spring 5 0.051/07 WG UF CS Geninorg SW-446:60108 Potassium 2.09 0.05 mg/L 1182222 1182322 1183322 1183322 1183322 1183322 1183322 1183322 1183322 1183322 1183322 1183322 1183322 1183322 1183323 1183323 1183323 1183323 118333 118333 118333 118333 118333 118333 118333 118333 118333 118333 118333 118333 118333 118333 1183332 1183333 1183332 1183332 1183332 1183332 1183332 1183332 1183332 1183332 1183332 1183332 1183332 1183332 1	Spring 5	09/14/04	WG	F	CS		Geninorg	SW-846:6010B	Potassium		1.87			0.0165	mg/L			121724	GF04090G5SW01	GELC
Spring 5 OH/906 WG UF CS Geninorg SW-46.60108 Potassium 1.92 0.05 mg/L 1172411 GU060900GSSW01 GELC Spring 5 05/01/07 WG F CS Geninorg SW-46.60108 Billicon Dioxide 68.8 0.032 mg/L 1148889 GU05090GSSW01 GELC Spring 5 09/1906 WG F CS Geninorg SW-46.60108 Bilcon Dioxide 67.7 0.032 mg/L 1148898 GU05090GSSW01 GELC Spring 5 09/1906 WG F CS Geninorg SW-46.60108 Bilcon Dioxide 66.1 0.032 mg/L 1127241 GV04090GSSW01 GELC Spring 5 09/1906 WG UF CS Geninorg SW-46.60108 Bilcon Dioxide 66.1 0.032 mg/L 114889 GU05090GSSW01 GELC Spring 5 09/1906 WG F CSS Geninorg SW-46.60108 Bodum 12.1 0.045 <td>Spring 5</td> <td>05/01/07</td> <td>WG</td> <td>UF</td> <td>CS</td> <td></td> <td>Geninorg</td> <td>SW-846:6010B</td> <td>Potassium</td> <td>_</td> <td>2.09</td> <td></td> <td></td> <td>0.05</td> <td>mg/L</td> <td></td> <td></td> <td>185322</td> <td>GU070400G5SW01</td> <td>GELC</td>	Spring 5	05/01/07	WG	UF	CS		Geninorg	SW-846:6010B	Potassium	_	2.09			0.05	mg/L			185322	GU070400G5SW01	GELC
Spring 5 Og2705 WG UF CS Geninorg SW-486.6010B Pidassium 1.82 0.05 mg/L 148532 GEOTADOGSSW01 GEL Spring 5 091906 WG F CS Geninorg SW-486.6010B Silicon Dioxide 67 0.032 mg/L 1178411 GF0009005SW01 GELC Spring 5 091206 WG F CS Geninorg SW-486.6010B Silicon Dioxide 65.1 0.032 mg/L 1172411 GF0049005SW01 GELC Spring 5 0912705 WG F CS Geninorg SW-486.6010B Silicon Dioxide 65.1 0.032 mg/L 117241 GF0409005SW01 GELC Spring 5 0912705 WG UF CS Geninorg SW-486.6010B Silicon Dioxide 66.4 0.032 mg/L 114889 GU0509005SW01 GELC Spring 5 0912705 WG UF CS Geninorg SW-486.6010B Sodium 12.8 0.045 <td>Spring 5</td> <td>09/19/06</td> <td>WG</td> <td>UF</td> <td>CS</td> <td></td> <td>Geninorg</td> <td>SW-846:6010B</td> <td>Potassium</td> <td>_</td> <td>1.92</td> <td></td> <td></td> <td>0.05</td> <td>mg/L</td> <td></td> <td></td> <td>172411</td> <td>GU060900G5SW01</td> <td>GELC</td>	Spring 5	09/19/06	WG	UF	CS		Geninorg	SW-846:6010B	Potassium	_	1.92			0.05	mg/L			172411	GU060900G5SW01	GELC
Spring 5 05/01/07 WG F CS Geninorg SW-846.60108 Silicon Dioxide 67 0.032 mg/L 118522 GF07040065SW01 GELC Spring 5 09/12/06 WG F CS Geninorg SW-846.60108 Silicon Dioxide 67 0.032 mg/L 1185322 GF07040065SW01 GELC Spring 5 09/14/04 WG F CS Geninorg SW-846.60108 Silicon Dioxide 66.1 0.032 mg/L 118232 GF07040065SW01 GELC Spring 5 09/19/06 WG UF CS Geninorg SW-846.60108 Silicon Dioxide 66.1 0.032 mg/L 1184888 GF07040065SW01 GELC Spring 5 09/19/06 WG UF CS Geninorg SW-846.60108 Sodium 12.8 0.045 mg/L 118232 GF07040065SW01 GELC Spring 5 09/12/06 WG F CS Geninorg SW-846.60108 Sodium 12.1 <td< td=""><td>Spring 5</td><td>09/27/05</td><td>WG</td><td>UF</td><td>CS</td><td></td><td>Geninorg</td><td>SW-846:6010B</td><td>Potassium</td><td></td><td>1.82</td><td></td><td></td><td>0.05</td><td>mg/L</td><td></td><td></td><td>146889</td><td>GU05090G5SW01</td><td>GELC</td></td<>	Spring 5	09/27/05	WG	UF	CS		Geninorg	SW-846:6010B	Potassium		1.82			0.05	mg/L			146889	GU05090G5SW01	GELC
Spring 5 09/19/06 WG F CS Geninorg SW:46:6010B Silicon Dioxide 67 0.032 mg/L 172411 GF0609005SW01 GELC Spring 5 09/17/06 WG F CS Geninorg SW:446:6010B Silicon Dioxide 66.1 0.032 mg/L 114889 GF060900GSW01 GELC Spring 5 09/17/06 WG UF CS Geninorg SW:446:6010B Silicon Dioxide 66.1 0.032 mg/L 1172411 GU06900GSSW01 GELC Spring 5 09/17/05 WG UF CS Geninorg SW:446:6010B Silicon Dioxide 66.4 0.032 mg/L 114889 GF00400GSSW01 GELC Spring 5 09/17/05 WG F CS Geninorg SW:446:6010B Sodium 12.8 0.045 mg/L 1185322 GG70400CSSW01 GELC Spring 5 09/14/04 WG F CS Geninorg SW:446:6010B Sodium 11.2 0.0	Spring 5	05/01/07	WG	F	CS		Geninorg	SW-846:6010B	Silicon Dioxide		68.8			0.032	mg/L			185322	GF070400G5SW01	GELC
Spring 5 09/27/05 WG F CS Geninorg SW-866:010B Silicon Dioxide 66.1 0.022 mg/L 121724 FG0409005SW01 GELC Spring 5 09/19/06 WG UF CS Geninorg SW-846:6010B Silicon Dioxide 66.1 0.032 mg/L 121724 FG0409005SW01 GELC Spring 5 09/27/05 WG UF CS Geninorg SW-846:6010B Silicon Dioxide 66.4 0.032 mg/L 14889 GU0509005SW01 GELC Spring 5 09/19/06 WG F CS Geninorg SW-846:6010B Sodium 12.8 0.045 mg/L 118322 GP704006SSW01 GELC Spring 5 09/19/06 WG F CS Geninorg SW-846:6010B Sodium 11.9 0.0454 mg/L 112724 GP409005SW01 GELC Spring 5 09/19/06 WG F CS Geninorg SW-846:6010B Sodium 11.2 0.0454	Spring 5	09/19/06	WG	F	CS		Geninorg	SW-846:6010B	Silicon Dioxide		67			0.032	mg/L			172411	GF060900G5SW01	GELC
Spring 5 09/14/04 WG F CS Geninorg SW-846:010B Silicon Dioxide 66.1 0.0212 mg/L 1121724 GF04090GSSW01 GELC Spring 5 09/27/05 WG UF CS Geninorg SW-846:010B Silicon Dioxide 66.4 0.032 mg/L 146889 GU05090GSSW01 GELC Spring 5 09/27/05 WG F CS Geninorg SW-846:010B Sodium 12.8 0.045 mg/L 1172411 GU05090GSSW01 GELC Spring 5 09/27/05 WG F CS Geninorg SW-846:010B Sodium 11.9 0.045 mg/L 1172411 GU05090GSSW01 GELC Spring 5 09/27/05 WG F CS Geninorg SW-846:010B Sodium 11.6 0.0445 mg/L 112122 GU05000GSSW01 GELC Spring 5 09/27/05 WG UF CS Geninorg SW-846:010B Sodium 12.2 0.045 <t< td=""><td>Spring 5</td><td>09/27/05</td><td>WG</td><td>F</td><td>CS</td><td></td><td>Geninorg</td><td>SW-846:6010B</td><td>Silicon Dioxide</td><td></td><td>64.3</td><td></td><td></td><td>0.032</td><td>mg/L</td><td></td><td></td><td>146889</td><td>GF05090G5SW01</td><td>GELC</td></t<>	Spring 5	09/27/05	WG	F	CS		Geninorg	SW-846:6010B	Silicon Dioxide		64.3			0.032	mg/L			146889	GF05090G5SW01	GELC
Spring 5 Op/19/06 WG UF CS Geninorg SW-846.6010B Silicon Dioxide 66.1 0.032 mg/L 172411 GU060900GSW01 GELC Spring 5 09/27/05 WG UF CS Geninorg SW-846.6010B Silicon Dioxide 66.4 0.032 mg/L 146882 GU05090GSSW01 GELC Spring 5 09/19/06 WG F CS Geninorg SW-846.6010B Sodium 12.8 0.045 mg/L 148832 GF070400GSSW01 GELC Spring 5 09/19/06 WG F CS Geninorg SW-846.6010B Sodium 11.9 0.045 mg/L 148832 GF05090GSSW01 GELC Spring 5 09/14/04 WG F CS Geninorg SW-846.6010B Sodium 11.8 0.0144 mg/L 1172411 GU060900GSSW01 GELC Spring 5 09/14/04 WG UF CS Geninorg SW-846.6010B Sodium 12.2 0.045	Spring 5	09/14/04	WG	F	CS		Geninorg	SW-846:6010B	Silicon Dioxide		65.1			0.0212	mg/L			121724	GF04090G5SW01	GELC
Spring 5 09/27/05 WG UF CS Geninorg SW-846:6010B Solicon 12.8 0.032 mg/L 148689 GU05090G5SW01 GELC Spring 5 05/01/07 WG F CS Geninorg SW-846:6010B Sodium 12.8 0.045 mg/L 185322 GF070400G5SW01 GELC Spring 5 09/27/05 WG F CS Geninorg SW-846:6010B Sodium 11.2 0.045 mg/L 185322 GF070400G5SW01 GELC Spring 5 09/27/05 WG F CS Geninorg SW-846:6010B Sodium 11.9 0.045 mg/L 148889 GF05090G5SW01 GELC Spring 5 09/14/04 WG F CS Geninorg SW-846:6010B Sodium 12.2 0.045 mg/L 148889 GF05090G5SW01 GELC Spring 5 09/19/06 WG UF CS Geninorg SW-846:6010B Sodium 12.2 0.045 mg/L	Spring 5	09/19/06	WG	UF	CS		Geninorg	SW-846:6010B	Silicon Dioxide		66.1			0.032	mg/L			172411	GU060900G5SW01	GELC
Spring 5 Os/01/07 WG F CS Geninorg SW-846:6010B Sodium 12.8 0.045 mg/L 185322 GF070400GSSW01 GELC Spring 5 09/19/06 WG F CS Geninorg SW-846:6010B Sodium 11.9 0.045 mg/L 172411 GF06090GSSW01 GELC Spring 5 09/14/04 WG F CS Geninorg SW-846:6010B Sodium 11.9 0.045 mg/L 148889 GF00900GSSW01 GELC Spring 5 09/14/04 WG F CS Geninorg SW-846:6010B Sodium 11.2 0.045 mg/L 112122 GF04090GSSW01 GELC Spring 5 09/19/06 WG UF CS Geninorg SW-846:6010B Sodium 12.2 0.045 mg/L 148889 GF070400GSSW01 GELC Spring 5 09/27/05 WG UF CS Geninorg SW-846:6010B Sodium 12.2 0.045 mg/L	Spring 5	09/27/05	WG	UF	CS		Geninorg	SW-846:6010B	Silicon Dioxide		66.4			0.032	mg/L			146889	GU05090G5SW01	GELC
Spring 5 Og/19/06 WG F CS Geninorg SW-846:6010B Sodium 12.1 0.045 mg/L 172411 GF060900G5SW01 GELC Spring 5 09/27/05 WG F CS Geninorg SW-846:6010B Sodium 11.6 0.045 mg/L 146889 GF060900G5SW01 GELC Spring 5 09/14/04 WG F CS Geninorg SW-846:6010B Sodium 11.6 0.0144 mg/L 185322 GU070400G5SW01 GELC Spring 5 09/19/06 WG UF CS Geninorg SW-846:6010B Sodium 12.2 0.045 mg/L 185322 GU070400G5SW01 GELC Spring 5 09/19/06 WG UF CS Geninorg SW-846:6010B Sodium 12.2 0.045 mg/L 146889 GU060900G5SW01 GELC Spring 5 09/19/06 WG F CS Geninorg EPA:120.1 Specific Conductance 188 1 µS/	Spring 5	05/01/07	WG	F	CS		Geninorg	SW-846:6010B	Sodium		12.8			0.045	mg/L			185322	GF070400G5SW01	GELC
Spring 5 09/27/05 WG F CS Geninorg SW-846:6010B Sodium 11.9 0.045 mg/L 148889 GF05090G5SW01 GELC Spring 5 09/14/04 WG F CS Geninorg SW-846:6010B Sodium 11.6 0.045 mg/L 121724 GF04090605SW01 GELC Spring 5 09/19/06 WG UF CS Geninorg SW-846:6010B Sodium 12.2 0.045 mg/L 172411 GU060900G5SW01 GELC Spring 5 09/19/06 WG UF CS Geninorg SW-846:6010B Sodium 12.2 0.045 mg/L 172411 GU060900G5SW01 GELC Spring 5 09/27/05 WG UF CS Geninorg EPA:120.1 Specific Conductance 188 1 µS/cm 18522 GV07090005SW01 GELC Spring 5 09/19/06 WG F CS Geninorg EPA:120.1 Specific Conductance 188 1 µS/cm 172411 GV060900G5SW01 GELC Spring 5 09/19/06	Spring 5	09/19/06	WG	F	CS		Geninorg	SW-846:6010B	Sodium		12.1			0.045	mg/L			172411	GF060900G5SW01	GELC
Spring 5 Og/14/04 WG F CS Geninorg SW-846:6010B Sodium 11.6 0.0144 mg/L 121724 GF04090GSSW01 GELC Spring 5 05/01/07 WG UF CS Geninorg SW-846:6010B Sodium 12.2 0.045 mg/L 185322 GU070400GSSW01 GELC Spring 5 09/19/06 WG UF CS Geninorg SW-846:6010B Sodium 12.2 0.045 mg/L 146889 GU05090GSSW01 GELC Spring 5 09/17/05 WG UF CS Geninorg EPA:120.1 Specific Conductance 188 1 µ.S/cm 185322 GF060900GSSW01 GELC Spring 5 09/19/06 WG F CS Geninorg EPA:120.1 Specific Conductance 188 1 µ.S/cm 148689 GF05090GSSW01 GELC Spring 5 09/19/06 WG F CS Geninorg EPA:120.1 Specific Conductance 187 1	Spring 5	09/27/05	WG	F	CS		Geninorg	SW-846:6010B	Sodium		11.9			0.045	mg/L			146889	GF05090G5SW01	GELC
Spring 5 05/01/07 WG UF CS Geninorg SW-846:6010B Sodium 12.2 0.045 mg/L 185322 GU070400G5SW01 GELC Spring 5 09/19/06 WG UF CS Geninorg SW-846:6010B Sodium 12.2 0.045 mg/L 172411 GU060900G5SW01 GELC Spring 5 09/27/05 WG UF CS Geninorg EPA:120.1 Specific Conductance 188 1 µS/cm 148532 GF070400G5SW01 GELC Spring 5 09/19/06 WG F CS Geninorg EPA:120.1 Specific Conductance 188 1 µS/cm 172411 GF060900G5SW01 GELC Spring 5 09/19/06 WG F CS Geninorg EPA:120.1 Specific Conductance 188 1 µS/cm 172411 GF060900G5SW01 GELC Spring 5 09/19/06 WG UF CS Geninorg EPA:120.1 Specific Conductance 187 1 µS/cm 172411 GF060900G5SW01 GELC Spring 5	Spring 5	09/14/04	WG	F	CS		Geninorg	SW-846:6010B	Sodium		11.6			0.0144	mg/L			121724	GF04090G5SW01	GELC
Spring 5 09/19/06 WG UF CS Geninorg SW-846:6010B Sodium 12.2 0.045 mg/L 172411 GU060900G5SW01 GELC Spring 5 09/27/05 WG UF CS Geninorg SW-846:6010B Sodium 12.2 0.045 mg/L 146889 GU05090G5SW01 GELC Spring 5 05/01/07 WG F CS Geninorg EPA:120.1 Specific Conductance 188 1 µS/cm 182322 GF070400G5SW01 GELC Spring 5 09/19/06 WG F CS Geninorg EPA:120.1 Specific Conductance 188 1 µS/cm 172411 GU060900G5SW01 GELC Spring 5 09/19/06 WG F CS Geninorg EPA:120.1 Specific Conductance 188 1 µS/cm 172411 GU060900G5SW01 GELC Spring 5 09/19/06 WG F CS Geninorg EPA:120.1 Specific Conductance 187 1<	Spring 5	05/01/07	WG	UF	CS		Geninorg	SW-846:6010B	Sodium		12.2			0.045	mg/L			185322	GU070400G5SW01	GELC
Spring 5 09/27/05 WG UF CS Geninorg SW-846:6010B Sodium 12.2 0.045 mg/L 146889 GU05090G5SW01 GELC Spring 5 05/01/07 WG F CS Geninorg EPA:120.1 Specific Conductance 188 1 µS/cm 185322 GF070400G5SW01 GELC Spring 5 09/19/06 WG F CS Geninorg EPA:120.1 Specific Conductance 188 1 µS/cm 172411 GF060900G5SW01 GELC Spring 5 09/27/05 WG F CS Geninorg EPA:120.1 Specific Conductance 188 1 µS/cm 172411 GF060900G5SW01 GELC Spring 5 09/27/05 WG F CS Geninorg EPA:120.1 Specific Conductance 187 1 µS/cm 172411 GU060900G5SW01 GELC Spring 5 09/19/06 WG F CS Geninorg EPA:300.0 Sulfate 4.73 0.1	Spring 5	09/19/06	WG	UF	CS		Geninorg	SW-846:6010B	Sodium		12.2			0.045	mg/L			172411	GU060900G5SW01	GELC
Spring 5 05/01/07 WG F CS Geninorg EPA:120.1 Specific Conductance 188 1 µS/cm 185322 GF070400G5SW01 GELC Spring 5 09/19/06 WG F CS Geninorg EPA:120.1 Specific Conductance 188 1 µS/cm 172411 GF060900G5SW01 GELC Spring 5 09/27/05 WG F CS Geninorg EPA:120.1 Specific Conductance 163 1 µS/cm 146889 GF05090G5SW01 GELC Spring 5 09/19/06 WG UF CS Geninorg EPA:120.1 Specific Conductance 187 1 µS/cm 172411 GU060900G5SW01 GELC Spring 5 05/01/07 WG F CS Geninorg EPA:300.0 Sulfate 4.73 0.1 mg/L 172411 GU060900G5SW01 GELC Spring 5 09/19/06 WG F CS Geninorg EPA:300.0 Sulfate 4.73 0.1	Spring 5	09/27/05	WG	UF	CS		Geninorg	SW-846:6010B	Sodium		12.2			0.045	mg/L			146889	GU05090G5SW01	GELC
Spring 5 09/19/06 WG F CS Geninorg EPA:120.1 Specific Conductance 188 1 µS/cm 172411 GF060900G5SW01 GELC Spring 5 09/27/05 WG F CS Geninorg EPA:120.1 Specific Conductance 163 1 µS/cm 146889 GF05090G5SW01 GELC Spring 5 09/19/06 WG UF CS Geninorg EPA:120.1 Specific Conductance 187 1 µS/cm 172411 GU060900G5SW01 GELC Spring 5 05/01/07 WG F CS Geninorg EPA:300.0 Sulfate 4.73 0.1 mg/L 185322 GF070400G5SW01 GELC Spring 5 09/19/06 WG F CS Geninorg EPA:300.0 Sulfate 4.73 0.1 mg/L 172411 GF060900G5SW01 GELC Spring 5 09/19/06 WG F CS Geninorg EPA:300.0 Sulfate 4.73 0.1 mg/	Spring 5	05/01/07	WG	F	CS		Geninorg	EPA:120.1	Specific Conductance		188			1	μS/cm			185322	GF070400G5SW01	GELC
Spring 5 09/27/05 WG F CS Geninorg EPA:120.1 Specific Conductance 163 1 µS/cm 146889 GF05090G5SW01 GELC Spring 5 09/19/06 WG UF CS Geninorg EPA:120.1 Specific Conductance 187 1 µS/cm 172411 GU060900G5SW01 GELC Spring 5 05/01/07 WG F CS Geninorg EPA:300.0 Sulfate 4.73 0.1 mg/L 185322 GF070400G5SW01 GELC Spring 5 09/19/06 WG F CS Geninorg EPA:300.0 Sulfate 4.73 0.1 mg/L 172411 GF060900G5SW01 GELC Spring 5 09/19/06 WG F CS Geninorg EPA:300.0 Sulfate 4.73 0.1 mg/L 172411 GF060900G5SW01 GELC Spring 5 09/27/05 WG F CS Geninorg EPA:300.0 Sulfate 4.92 0.057 mg/L	Spring 5	09/19/06	WG	F	CS		Geninorg	EPA:120.1	Specific Conductance		188			1	μS/cm			172411	GF060900G5SW01	GELC
Spring 5 09/19/06 WG UF CS Geninorg EPA:120.1 Specific Conductance 187 1 μS/cm 172411 GU060900G5SW01 GELC Spring 5 05/01/07 WG F CS Geninorg EPA:300.0 Sulfate 4.73 0.1 mg/L 185322 GF070400G5SW01 GELC Spring 5 09/19/06 WG F CS Geninorg EPA:300.0 Sulfate 4.73 0.1 mg/L 172411 GF060900G5SW01 GELC Spring 5 09/19/06 WG F CS Geninorg EPA:300.0 Sulfate 4.73 0.1 mg/L 172411 GF060900G5SW01 GELC Spring 5 09/27/05 WG F CS Geninorg EPA:300.0 Sulfate 4.92 0.057 mg/L 146889 GF05090G5SW01 GELC Spring 5 09/14/04 WG F CS Geninorg EPA:300.0 Sulfate 4.82 0.193 mg/L <t< td=""><td>Spring 5</td><td>09/27/05</td><td>WG</td><td>F</td><td>CS</td><td></td><td>Geninora</td><td>EPA:120.1</td><td>Specific Conductance</td><td></td><td>163</td><td></td><td></td><td>1</td><td>uS/cm</td><td></td><td></td><td>146889</td><td>GF05090G5SW01</td><td>GELC</td></t<>	Spring 5	09/27/05	WG	F	CS		Geninora	EPA:120.1	Specific Conductance		163			1	uS/cm			146889	GF05090G5SW01	GELC
Spring 5 05/01/07 WG F CS Geninorg EPA:300.0 Sulfate 4.73 0.1 mg/L 185322 GF070400G5SW01 GELC Spring 5 09/19/06 WG F CS Geninorg EPA:300.0 Sulfate 4.73 0.1 mg/L 172411 GF060900G5SW01 GELC Spring 5 09/27/05 WG F CS Geninorg EPA:300.0 Sulfate 4.92 0.057 mg/L 146889 GF05090G5SW01 GELC Spring 5 09/14/04 WG F CS Geninorg EPA:300.0 Sulfate 4.82 0.057 mg/L 146889 GF05090G5SW01 GELC Spring 5 09/14/04 WG F CS Geninorg EPA:300.0 Sulfate 4.82 0.193 mg/L 121724 GF04090G5SW01 GELC Spring 5 09/19/06 WG UF CS Geninorg EPA:300.0 Sulfate 4.72 0.1 mg/L 121724 <td>Spring 5</td> <td>09/19/06</td> <td>WG</td> <td>UF</td> <td>CS</td> <td></td> <td>Geninora</td> <td>EPA:120.1</td> <td>Specific Conductance</td> <td></td> <td>187</td> <td></td> <td></td> <td>1</td> <td>uS/cm</td> <td></td> <td></td> <td>172411</td> <td>GU060900G5SW01</td> <td>GELC</td>	Spring 5	09/19/06	WG	UF	CS		Geninora	EPA:120.1	Specific Conductance		187			1	uS/cm			172411	GU060900G5SW01	GELC
Spring 5 09/19/06 WG F CS Geninorg EPA:300.0 Sulfate 4.73 0.1 mg/L 172411 GF060900G5SW01 GELC Spring 5 09/27/05 WG F CS Geninorg EPA:300.0 Sulfate 4.92 0.057 mg/L 146889 GF05090G5SW01 GELC Spring 5 09/14/04 WG F CS Geninorg EPA:300.0 Sulfate 4.82 0.193 mg/L 121724 GF04090G5SW01 GELC Spring 5 09/14/04 WG F CS Geninorg EPA:300.0 Sulfate 4.82 0.193 mg/L 121724 GF04090G5SW01 GELC Spring 5 09/19/06 WG UF CS Geninorg EPA:300.0 Sulfate 4.72 0.1 mg/L 121724 GF04090G5SW01 GELC Spring 5 09/19/06 WG UF CS Geninorg EPA:300.0 Sulfate 4.72 0.1 mg/L 121724 GU060900G5SW01 GELC Spring 5 05/01/07 WG UF	Spring 5	05/01/07	WG	IF	CS	1	Geninora	EPA:300.0	Sulfate	1	4.73		1	0.1	ma/L		1	185322	GF070400G5SW01	GELC
Spring 5 09/27/05 WG F CS Geninorg EPA:300.0 Sulfate 4.92 0.057 mg/L 146889 GF05090G5SW01 GELC Spring 5 09/14/04 WG F CS Geninorg EPA:300.0 Sulfate 4.82 0.193 mg/L 121724 GF04090G5SW01 GELC Spring 5 09/19/06 WG UF CS Geninorg EPA:300.0 Sulfate 4.72 0.1 mg/L 121724 GF04090G5SW01 GELC Spring 5 09/19/06 WG UF CS Geninorg EPA:300.0 Sulfate 4.72 0.1 mg/L 172411 GU060900G5SW01 GELC Spring 5 09/19/06 WG UF CS Geninorg EPA:300.0 Sulfate 4.72 0.1 mg/L 172411 GU060900G5SW01 GELC Spring 5 05/01/07 WG UF CS Geninorg EPA:160.2 Suspended Sediment Concentration 11.4 11.4 mg/L 1185322 GU070400G5SW01 GELC	Spring 5	09/19/06	WG	F	CS	1	Geninora	EPA:300.0	Sulfate		4.73	1		0.1	ma/L	1	1	172411	GF060900G5SW01	GELC
Spring 5 09/14/04 WG F CS Geninorg EPA:300.0 Sulfate 4.82 0.193 mg/L 121724 GF04090G5SW01 GELC Spring 5 09/19/06 WG UF CS Geninorg EPA:300.0 Sulfate 4.72 0.1 mg/L 172411 GU060900G5SW01 GELC Spring 5 05/01/07 WG UF CS Geninorg EPA:300.0 Sulfate 4.72 0.1 mg/L 172411 GU060900G5SW01 GELC Spring 5 05/01/07 WG UF CS Geninorg EPA:160.2 Suspended Sediment Concentration 11.4 11.4 mg/L 185322 GU070400G5SW01 GELC	Spring 5	09/27/05	WG	F	cs		Geninora	EPA:300.0	Sulfate		4.92	1		0.057	ma/l	1	1	146889	GF05090G5SW01	GELC
Spring 5 09/19/06 WG UF CS Geninorg EPA:300.0 Sulfate 4.72 0.1 mg/L 172411 GU060900G5SW01 GELC Spring 5 05/01/07 WG UF CS Geninorg EPA:300.0 Sulfate 4.72 0.1 mg/L 172411 GU060900G5SW01 GELC Spring 5 05/01/07 WG UF CS Geninorg EPA:160.2 Suspended Sediment Concentration 11.4 11.4 mg/L 185322 GU070400G5SW01 GELC	Spring 5	09/14/04	WG	F	CS CS		Geninorg	EPA:300.0	Sulfate	1	4 82			0 193	ma/l			121724	GF04090G5SW01	GELC
Spring 5 05/01/07 WG UF CS Geninorg EPA:160.2 Suspended Sediment Concentration 11.4 1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	Spring 5	09/19/06	WG	UF	CS CS		Geninorg	EPA:300.0	Sulfate	1	4 72			0.1	ma/l			172411	GU060900G5SW01	GELC
	Spring 5	05/01/07	WG	UF	cs		Geninora	EPA:160.2	Suspended Sediment Concentration		11.4	1		1.14	ma/l			185322	GU070400G5SW01	GELC
	-	-	1			1		Analytical Results	-	1			1	T	-	1	r	1		
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Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab	
Spring 5	09/19/06	WG	UF	CS	- 71	Geninora	EPA:160.2	Suspended Sediment Concentration		1.75			1.43	ma/L	J		172411	GU060900G5SW01	GELC	
Spring 5	09/27/05	WG	UF	CS		Geninora	EPA:160.2	Suspended Sediment Concentration	<	1.07			1.07	ma/L	Ŭ		146889	GU05090G5SW01	GELC	
Spring 5	05/01/07	WG	F	CS		Geninora	EPA:160.1	Total Dissolved Solids		177			2.38	ma/L	<u> </u>		185322	GF070400G5SW01	GELC	
Spring 5	09/19/06	WG	F	CS		Geninorg	EPA:160.1	Total Dissolved Solids		168			2.38	ma/l			172411	GU060900G5SW01	GELC	
Spring 5	09/19/06	WG	F	CS		Geninorg	EPA:160.1	Total Dissolved Solids		173			2.38	ma/l			172411	GE060900G5SW01	GELC	
Spring 5	09/27/05	WG	F	CS		Geninorg	EPA:160.1	Total Dissolved Solids		196			2.38	ma/l			146889	GF05090G5SW01	GELC	
Spring 5	09/14/04	WG	F	CS		Geninorg	EPA:160.1	Total Dissolved Solids		153			3.07	ma/l			121724	GF04090G5SW01	GELC	
Spring 5	05/01/07	WG	UF	CS		Geninorg	SW-846.9060	Total Organic Carbon		0.433			0.33	mg/L			185322	GU070400G5SW01	GELC	
Spring 5	09/19/06	WG	UF	CS		Geninorg	SW-846.9060	Total Organic Carbon		0.892			0.33	ma/l	J		172411	GU060900G5SW01	GELC	
Spring 5	05/01/07	WG	F	CS		Geninorg	EPA:150 1	nH		7.87			0.00	SU	н	1	185322	GE070400G5SW01	GELC	
Spring 5	09/19/06	WG	F	CS		Geninorg	EPA:150.1	pH		7.66			0.01	SU	н	U U	172411	GE060900G5SW01	GELC	
Spring 5	09/27/05	WG	F	CS		Geninorg	EPA:150.1	pH		7.67			0.01	SU	н		1/6880	GE05090G5SW01	GELC	
Spring 5	09/19/06	WG		CS		Geninorg	EPA:150.1	pH		7.60			0.01	SU	н		172411	GLI060900G5SW01	GELC	
Spring 5	05/01/07	WG	F	CS		Metals	SW-846-6010B	Barium		28.8			1	ug/l		5	185322	GE070400G5SW01	GELC	
Spring 5	09/19/06	WG	F	<u>CS</u>		Metals	SW-846:6010B	Barium		20.0			1	μg/∟ ug/l			172/11	GF060000G5SW01		
Spring 5	09/19/00	WG		CS		Motals	SW 846:6010B	Barium		20.1			1	μg/∟ α/l			1/2411	GE05000G5SW01		
Spring 5	09/27/03	WC		CS		Motolo	SW-040.0010D	Barium		20.1			0.222	μg/∟ α/l			140009	GF 03090G33W01		
Spring 5	09/14/04	WC		CS		Motolo	SW-040.0010D	Barium		20.0			0.222	μg/L α/l			121724			
Spring 5	05/01/07	WG		CS		Metals	SW-040.0010D	Dallulli		27.0			1	μg/L			100322			
Spring 5	09/19/06	WG				Metals	SW-846:6010B	Barlum		29.1			1	μg/L			172411	GU060900G557701	GELC	
Spring 5	09/27/05	WG				Metals	SVV-846:6010B	Barium		26.3			1	μg/L			146889	G005090G55W01	GELC	
Spring 5	05/01/07	WG				Metals	SW-846:6010B	Boron		20.7			10	μg/L	J		185322	GF070400G5SW01	GELC	
Spring 5	09/19/06	WG		CS		Metals	SW-846:6010B	Boron	_	20.3			10	μg/L	J		1/2411	GF060900G5SW01	GELC	
Spring 5	09/27/05	WG		CS		Metals	SW-846:6010B	Boron	_	18.8			10	μg/L	J		146889	GF05090G5SW01	GELC	
Spring 5	09/14/04	WG		CS		Metals	SW-846:6010B	Boron	<	26.3			4.88	μg/L	J	U	121724	GF04090G5SW01	GELC	
Spring 5	05/01/07	WG		CS		Metals	SW-846:6010B	Boron		20.8			10	μg/L	J		185322	GU070400G5SW01	GELC	
Spring 5	09/19/06	WG		CS		Metals	SW-846:6010B	Boron		23.2			10	μg/L	J		1/2411	GU060900G5SW01	GELC	
Spring 5	09/27/05	WG		CS		Metals	SW-846:6010B	Boron		17.7			10	μg/L	J		146889	GU05090G5SW01	GELC	
Spring 5	05/01/07	WG	F	CS		Metals	SW-846:6020	Chromium		5			1	μg/L			185322	GF070400G5SW01	GELC	
Spring 5	09/19/06	WG	F	CS		Metals	SW-846:6020	Chromium		2			1	μg/L	J	JN-	172411	GF060900G5SW01	GELC	
Spring 5	09/27/05	WG	F	CS		Metals	SW-846:6010B	Chromium		3.8			1	μg/L	J		146889	GF05090G5SW01	GELC	
Spring 5	09/14/04	WG	F	CS		Metals	SW-846:6010B	Chromium		4.4			0.503	μg/L	J		121724	GF04090G5SW01	GELC	
Spring 5	05/01/07	WG	UF	CS		Metals	SW-846:6020	Chromium		4.9			1	μg/L			185322	GU070400G5SW01	GELC	
Spring 5	09/19/06	WG	UF	CS		Metals	SW-846:6020	Chromium		2.3			1	μg/L	J	JN-	172411	GU060900G5SW01	GELC	
Spring 5	09/27/05	WG	UF	CS		Metals	SW-846:6010B	Chromium		3.9			1	μg/L	J		146889	GU05090G5SW01	GELC	
Spring 5	05/01/07	WG	F	CS		Metals	SW-846:6010B	Molybdenum		2			2	μg/L	J		185322	GF070400G5SW01	GELC	
Spring 5	09/19/06	WG	F	CS		Metals	SW-846:6010B	Molybdenum	<	2			2	μg/L	U		172411	GF060900G5SW01	GELC	
Spring 5	09/27/05	WG	F	CS		Metals	SW-846:6010B	Molybdenum	<	2			2	μg/L	U		146889	GF05090G5SW01	GELC	
Spring 5	09/14/04	WG	F	CS		Metals	SW-846:6010B	Molybdenum		2.2			1.43	μg/L	J		121724	GF04090G5SW01	GELC	
Spring 5	09/19/06	WG	UF	CS		Metals	SW-846:6010B	Molybdenum	<	2			2	μg/L	U		172411	GU060900G5SW01	GELC	
Spring 5	09/27/05	WG	UF	CS		Metals	SW-846:6010B	Molybdenum	<	2			2	μg/L	U		146889	GU05090G5SW01	GELC	
Spring 5	05/01/07	WG	F	CS		Metals	SW-846:6010B	Strontium		91.7			1	μg/L			185322	GF070400G5SW01	GELC	
Spring 5	09/19/06	WG	F	CS		Metals	SW-846:6010B	Strontium		90.5			1	μg/L			172411	GF060900G5SW01	GELC	
Spring 5	09/27/05	WG	F	CS		Metals	SW-846:6010B	Strontium		85.6			1	μg/L			146889	GF05090G5SW01	GELC	
Spring 5	09/14/04	WG	F	CS		Metals	SW-846:6010B	Strontium		86.7			0.178	μg/L			121724	GF04090G5SW01	GELC	
Spring 5	05/01/07	WG	UF	CS		Metals	SW-846:6010B	Strontium		88.1			1	μg/L			185322	GU070400G5SW01	GELC	
Spring 5	09/19/06	WG	UF	CS		Metals	SW-846:6010B	Strontium		89.4			1	μg/L			172411	GU060900G5SW01	GELC	
Spring 5	09/27/05	WG	UF	CS		Metals	SW-846:6010B	Strontium		86.8			1	μg/L			146889	GU05090G5SW01	GELC	
Spring 5	05/01/07	WG	F	CS		Metals	SW-846:6020	Uranium		0.67			0.05	μg/L			185322	GF070400G5SW01	GELC	
Spring 5	09/19/06	WG	F	CS		Metals	SW-846:6020	Uranium		0.53			0.05	μg/L			172411	GF060900G5SW01	GELC	
Spring 5	09/27/05	WG	F	CS		Metals	SW-846:6020	Uranium		0.52			0.05	μα/L	1	l l	146889	GF05090G5SW01	GELC	
Spring 5	09/14/04	WG	F	CS		Metals	SW-846:6020	Uranium		0.54			0.02	μg/L	1		121724	GF04090G5SW01	GELC	

								Analytical Results											
Location	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Spring 5	05/01/07	WG	UF	CS		Metals	SW-846:6020	Uranium		0.66			0.05	μ g/L			185322	GU070400G5SW01	GELC
Spring 5	09/19/06	WG	UF	CS		Metals	SW-846:6020	Uranium		0.57			0.05	μ g/L			172411	GU060900G5SW01	GELC
Spring 5	09/27/05	WG	UF	CS		Metals	SW-846:6020	Uranium		0.55			0.05	μ g/L			146889	GU05090G5SW01	GELC
Spring 5	05/01/07	WG	F	CS		Metals	SW-846:6010B	Vanadium		10.9			1	μ g/L			185322	GF070400G5SW01	GELC
Spring 5	09/19/06	WG	F	CS		Metals	SW-846:6010B	Vanadium		8.8			1	μ g/L			172411	GF060900G5SW01	GELC
Spring 5	09/27/05	WG	F	CS		Metals	SW-846:6010B	Vanadium		9.5			1	μ g/L			146889	GF05090G5SW01	GELC
Spring 5	09/14/04	WG	F	CS		Metals	SW-846:6010B	Vanadium		9.8			0.606	μ g/L			121724	GF04090G5SW01	GELC
Spring 5	05/01/07	WG	UF	CS		Metals	SW-846:6010B	Vanadium		10.4			1	μ g/L		J+	185322	GU070400G5SW01	GELC
Spring 5	09/19/06	WG	UF	CS		Metals	SW-846:6010B	Vanadium		9.2			1	μ g/L			172411	GU060900G5SW01	GELC
Spring 5	09/27/05	WG	UF	CS		Metals	SW-846:6010B	Vanadium		9.4			1	μ g/L			146889	GU05090G5SW01	GELC
Spring 5	05/01/07	WG	UF	CS		Rad	LLEE	Tritium		0.19158	0.09579	0.28737		pCi/L		U	2336	UU070400G5SW01	UMTL
Spring 5	09/19/06	WG	UF	CS		Rad	LLEE	Tritium		0.12772	0.09579	0.28737		pCi/L		U	2273	UU060900G5SW01	UMTL
Spring 5	09/27/05	WG	UF	CS		Rad	EPA:906.0	Tritium		0	24.63333333	253		pCi/L	U	U	146889	GU05090G5SW01	GELC
Spring 5	09/14/04	WG	UF	CS		Rad	EPA:906.0	Tritium		-7.3	17.23333333	171		pCi/L	U	U	121725	GU04090G5SW01	GELC
Spring 5	09/14/04	WG	UF	CS		Rad	LLEE	Tritium		0.22351	0.09579		0.28737	pCi/L		U	1952	UU04090G5SW01	UMTL
Spring 5	05/01/07	WG	UF	CS		VOA	SW-846:8260B	Butanone[2-]		6.08			1.25	μ g/L			185322	GU070400G5SW01	GELC
Spring 5	09/19/06	WG	UF	CS		VOA	SW-846:8260B	Butanone[2-]	<	5			1.25	μg/L	U		172411	GU060900G5SW01	GELC
Spring 5	10/07/03	WG	UF	CS		VOA	SW-846:8260B	Butanone[2-]	<	5				μ g/L	U		89802	GU03080G5SW01	GELC
Spring 5	09/25/01	WG	UF	CS		VOA	SW-846:8260B	Butanone[2-]	<	5				μ g/L	U		49694	GU01091G5SW	GELC

Appendix E

Screening Results

The following pages provide (1) definitions for other codes, (2) lab qualifier codes, (3) secondary validation flag codes, and (4) secondary validation reason codes. Please refer to each of these sets of codes while reviewing the tables in Appendix E.

	Field Prep Code						
Field Prep Code	Description						
ASHED	Ashed						
CRUSH	Crushed						
F	Filtered						
NA	Not Applicable						
SV	Sieved						
UA	Unassigned						
UF	Unfiltered						
UNK	Unknown						
	Field QC Type Code						
Field QC Type Code	Description						
CO	Collocated						
EQB	Equipment Blank						
FB	Field Blank						
FD	Field Duplicate						
FPR	Field Prepared Reagent						
FPS	Field Prepared Spike						
FR	Field Rinsate						
FS	Field Split						
FTB	Field Trip Blank						
FTR	Field Triplicate						
INB	Equipment blank taken during installation and not assoc with a sampling event						
ITB	Trip blank taken during installation and not assoc with a sampling event						
NA	Not Applicable						
PE	Performance Evaluation						
PEB	Performance Evaluation Blank						
PEK	Performance Evaluation Known						
RES	Resample						
SS	Special sampling event, data unique						
UA	Unassigned						

Definitions for Other Codes

Analyte Suite Code						
Suite Code	Description					
DIOX/FUR	Dioxins and Furans					
DRO	Diesel Range Organics					
GENINORG	General Inorganics					
HERB	Herbicides					
HEXP	High Explosives					
METALS	Metal					
PEST/PCB	Pesticides and PCBs					
RAD	Radionuclides					
SVOA	Semivolatile Organics					
VOA	Volatile Organics					
	Lab Sample Type Code					
Lab Sample Type Code	Description					
BLIND	Blind QC					
BS	Blank Spike					
BSD	Blank Spike Duplicate					
CS	Client Sample					
DL	Dilution					
DUP	Duplicate					
LCS	Lab Control Sample					
LCSD	Lab Control Sample Duplicate					
LCST	Laboratory Control Sample Triplicate					
MB	Method Blank					
MBD	Method Blank Duplicate					
MBT	Method Blank Triplicate					
MS	Matrix Spike					
MSD	Matrix Spike Duplicate					
MSQD	Matrix Spike Quadruplicate					
MSQT	Fifth Matrix Spike					
MST	Matrix Spike Triplicate					
QNT	Fifth Replicate					
QUD	Quadruplicate					
RE	Reanalysis					
REDP	Reanalysis Duplicate					
RETRP	Reanalysis Triplicate					
RI	Reissue					
RID	Reissue Duplicate					
SXT	Sixth Replicate					
тотс	Calculated Total					
TOTCD	Calculated Total for a Duplicate					
TRP	Triplicate					

Definitions for Other Codes (continued)

	Laboratory Qualifier Codes
Lab Qualifier Code	Lab Qualifier Description
*	* (Inorganic) - The result for this analyte in the Laboratory Replicate analysis was outside acceptance criteria.
**	** (Organic) and (Inorganic) - The result for this analyte in the Laboratory Control Sample analysis was outside acceptance criteria.
*E	* (Inorganic) - The result for this analyte in the Laboratory Replicate analysis was outside acceptance criteria. (E) (Organic) - The result for this analyte exceeded the upper range of the instrument initial calibration curve. (E) (Inorganic) (ICP-AES) - The result for this analyte in the serial dilution analysis was outside acceptance criteria. (E) (Inorganic) (GFAA) - The result for this analyte failed one or more CLP acceptance critera as explained in the case narrative.
ABJ	A (Organic) The Tenatively Identified Compound is an aldol condensate. (B) (Organic) - This analyte was detected in the associated Laboratory Method Blank and the sample.(J) (Organic) - The reported analyte is a tentitively idenififed compound (TIC).
AJ	A (Organic) The Tenatively Identified Compound is an aldol condensate. (J) (Organic) - The reported analyte is a tentitively idenififed compound (TIC).
В	(B) (Organic) - This analyte was detected in the associated Laboratory Method Blank and the sample. (B) (Inorganic) - The result for this analyte was greater than the Instrument Detection Limit but less than the Contract Required Detection Limit.
В*	(B) (Organic) - This analyte was detected in the associated Laboratory Method Blank and the sample. (B) (Inorganic) - The result for this analyte was greater than the Instrument Detection Limit but less than the Contract Required Detection Limit. * (Inorganic) - The result for this analyte in the Laboratory Replicate analysis was outside acceptance criteria.
B*E	(B) (Organic) - This analyte was detected in the associated Laboratory Method Blank and the sample. (B) (Inorganic) - The result for this analyte was greater than the Instrument Detection Limit but less than the Contract Required Detection Limit. * (Inorganic) - The result for this analyte in the Laboratory Replicate analysis was outside acceptance criteria. (E) (Organic) - The result for this analyte exceeded the upper range of the instrument initial calibration curve. (E) (Inorganic) (ICP-AES) - The result for this analyte in the serial dilution analysis was outside acceptance criteria. (E) (Inorganic) (GFAA) - The result for this analyte failed one or more CLP acceptance critera as explained in the case narrative.
BE	(B) (Organic) - This analyte was detected in the associated Laboratory Method Blank and the sample. (B) (Inorganic) - The result for this analyte was greater than the Instrument Detection Limit but less than the Contract Required Detection Limit. (E) (Organic) - The result for this analyte exceeded the upper range of the instrument initial calibration curve. (E) (Inorganic) (ICP-AES) - The result for this analyte in the serial dilution analysis was outside acceptance criteria. (E) (Inorganic) (GFAA) - The result for this analyte failed one or more CLP acceptance critera as explained in the case narrative.
BE*	(B) (Organic) - This analyte was detected in the associated Laboratory Method Blank and the sample. (B) (Inorganic) - The result for this analyte was greater than the Instrument Detection Limit but less than the Contract Required Detection Limit. (E) (Organic) - The result for this analyte exceeded the upper range of the instrument initial calibration curve. (E) (Inorganic) (ICP-AES) - The result for this analyte in the serial dilution analysis was outside acceptance criteria. (E) (Inorganic) (GFAA) - The result for this analyte failed one or more CLP acceptance critera as explained in the case narrative. * (Inorganic) - The result for this analyte in the Laboratory Replicate analysis was outside acceptance criteria.

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	Laboratory Qualifier Codes (continued)
Lab Qualifier Code	Lab Qualifier Description
BEN	(B) (Organic) - This analyte was detected in the associated Laboratory Method Blank and the sample. (B) (Inorganic) - The result for this analyte was greater than the Instrument Detection Limit but less than the Contract Required Detection Limit. (E) (Organic) - The result for this analyte exceeded the upper range of the instrument initial calibration curve. (E) (Inorganic) (ICP-AES) - The result for this analyte in the serial dilution analysis was outside acceptance criteria. (E) (Inorganic) (GFAA) - The result for this analyte failed one or more CLP acceptance critera as explained in the case narrative. (N) (Organic) - The reported analyte is a tentitively idenififed compound (TIC). (N) (Inorganic) - The result for this analyte in the matrix spike sample was outside acceptance criteria.
BEN*	(B) (Organic) - This analyte was detected in the associated Laboratory Method Blank and the sample. (B) (Inorganic) - The result for this analyte was greater than the Instrument Detection Limit but less than the Contract Required Detection Limit. (E) (Organic) - The result for this analyte exceeded the upper range of the instrument initial calibration curve. (E) (Inorganic) (ICP-AES) - The result for this analyte in the serial dilution analysis was outside acceptance criteria. (E) (Inorganic) (GFAA) - The result for this analyte failed one or more CLP acceptance critera as explained in the case narrative. (N) (Organic) - The reported analyte is a tentitively idenified compound (TIC). (N) (Inorganic) - The result for this analyte in the matrix spike sample was outside acceptance criteria. * (Inorganic) - The result for this analyte in the Laboratory Replicate analysis was outside acceptance criteria.
BJ	(B) (Organic) - This analyte was detected in the associated Laboratory Method Blank and the sample. (B) (Inorganic) - The result for this analyte was greater than the Instrument Detection Limit but less than the Contract Required Detection Limit. (J) (Organic/General Inorganics) - The result for this analyte was greater than the Method Detection Limit (MDL) but less than the Practical Quantitation Limit (PQL).
BJN	(B) (Organic) - This analyte was detected in the associated Laboratory Method Blank and the sample. (J) (Organic) - The reported analyte is a tentitively idenififed compound (TIC). (N) (Organic) - The reported analyte is a tentitively idenififed compound (TIC).
BJP	(B) (Organic) - This analyte was detected in the associated Laboratory Method Blank and the sample. (B) (Inorganic) - The result for this analyte was greater than the Instrument Detection Limit but less than the Contract Required Detection Limit. (J) (Organic/General Inorganics) - The result for this analyte was greater than the Method Detection Limit (MDL) but less than the Practical Quantitation Limit (PQL). (P) (Pesticides/PCBs) - The quantitative results for this analyte between the primary and secondary GC columns were greater than 25% difference. (P) (SW-846 EPA Method 8310 High Pressure Liquid Chromotography, HPLC results) - The quantitative results for this analyte between the primary and secondary HPLC columns or primary and secondary HPLC detectors were greater than 40% difference.
BN	(B) (Organic) - This analyte was detected in the associated Laboratory Method Blank and the sample. (B) (Inorganic) - The result for this analyte was greater than the Instrument Detection Limit but less than the Contract Required Detection Limit. (N) (Organic) - The reported analyte is a tentitively idenififed compound (TIC). (N) (Inorganic) - The result for this analyte in the matrix spike sample was outside acceptance criteria.
BN*	(B) (Organic) - This analyte was detected in the associated Laboratory Method Blank and the sample. (B) (Inorganic) - The result for this analyte was greater than the Instrument Detection Limit but less than the Contract Required Detection Limit. (N) (Organic) - The reported analyte is a tentitively idenififed compound (TIC). (N) (Inorganic) - The result for this analyte in the matrix spike sample was outside acceptance criteria. * (Inorganic) - The result for this analysis was outside acceptance criteria.

	Laboratory Qualifier Codes (continued)
Lab Qualifier Code	Lab Qualifier Description
BNE	(B) (Organic) - This analyte was detected in the associated Laboratory Method Blank and the sample. (B) (Inorganic) - The result for this analyte was greater than the Instrument Detection Limit but less than the Contract Required Detection Limit. (N) (Organic) - The reported analyte is a tentitively idenififed compound (TIC). (N) (Inorganic) - The result for this anlayte in the matrix spike sample was outside acceptance criteria. (E) (Organic) - The result for this analyte in the matrix spike sample was outside acceptance criteria. (E) (Organic) - The result for this analyte in the serial dilution analysis was outside acceptance criteria. (E) (Inorganic) (GFAA) - The result for this analyte failed one or more CLP acceptance critera as explained in the case narrative.
BP	(B) (Organic) - This analyte was detected in the associated Laboratory Method Blank and the sample. (B) (Inorganic) - The result for this analyte was greater than the Instrument Detection Limit but less than the Contract Required Detection Limit. (P) (Pesticides/PCBs) - The quantitative results for this analyte between the primary and secondary GC columns were greater than 25% difference. (P) (SW-846 EPA Method 8310 High Pressure Liquid Chromotography, HPLC results) - The quantitative results for this analyte between the primary and secondary HPLC columns or primary and secondary HPLC detectors were greater than 40% difference.
BPX	(B) (Organic) - This analyte was detected in the associated Laboratory Method Blank and the sample. (B) (Inorganic) - The result for this analyte was greater than the Instrument Detection Limit but less than the Contract Required Detection Limit. (P) (Pesticides/PCBs) - The quantitative results for this analyte between the primary and secondary GC columns were greater than 25% difference. (P) (SW-846 EPA Method 8310 High Pressure Liquid Chromotography, HPLC results) - The quantitative results for this analyte between the primary and secondary HPLC columns or primary and secondary HPLC detectors were greater than 40% difference. (X) (Organic/Inorganic) - The result for this analyte should be regarded as not detected.
BW	(B) (Organic) - This analyte was detected in the associated Laboratory Method Blank and the sample. (B) (Inorganic) - The result for this analyte was greater than the Instrument Detection Limit but less than the Contract Required Detection Limit. (W) (Inorganic GFAA CLP) - The result for this analyte in the post-digestion spike sample was outside acceptance criterea.
D	(D) (Organic) - The result for this analyte was reported from a dilution.
DJ	(D) (Organic) - The result for this analyte was reported from a dilution. (J) (Organic/General Inorganics) - The result for this analyte was greater than the Method Detection Limit (MDL) but less than the Practical Quantitaion Limit (PQL).
DP	(D) (Organic) - The result for this analyte was reported from a dilution. (P) (Pesticides/PCBs) - The quantitative results for this analyte between the primary and secondary GC columns were greater than 25% difference. (P) (SW-846 EPA Method 8310 High Pressure Liquid Chromotography, HPLC results) - The quantitative results for this analyte between the primary and secondary HPLC columns or primary and secondary HPLC detectors were greater than 40% difference.
DPX	(D) (Organic) - The result for this analyte was reported from a dilution. (P) (Pesticides/PCBs) - The quantitative results for this analyte between the primary and secondary GC columns were greater than 25% difference. (P) (SW-846 EPA Method 8310 High Pressure Liquid Chromotography, HPLC results) - The quantitative results for this analyte between the primary and secondary HPLC columns or primary and secondary HPLC detectors were greater than 40% difference. (X) (Organic/Inorganic) - The result for this analyte should be regarded as not detected.

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	Laboratory Qualifier Codes (continued)
Lab Qualifier Code	Lab Qualifier Description
E	(E) (Organic) - The result for this anlayte exceeded the upper range of the instrument initial calibration curve. (E) (Inorganic) (ICP-AES) - The result for this analyte in the serial dilution analysis was outside acceptance criteria. (E) (Inorganic) (GFAA) - The result for this analyte failed one or more CLP acceptance critera as explained in the case narrative.
E*	(E) (Organic) - The result for this anlayte exceeded the upper range of the instrument initial calibration curve. (E) (Inorganic) (ICP-AES) - The result for this analyte in the serial dilution analysis was outside acceptance criteria. (E) (Inorganic) (GFAA) - The result for this analyte failed one or more CLP acceptance critera as explained in the case narrative. * (Inorganic) - The result for this analyte in the Laboratory Replicate analysis was outside acceptance criteria.
EJ	(E) (Organic) - The result for this anlayte exceeded the upper range of the instrument initial calibration curve. (E) (Inorganic) (ICP-AES) - The result for this analyte in the serial dilution analysis was outside acceptance criteria. (E) (Inorganic) (GFAA) - The result for this analyte failed one or more CLP acceptance critera as explained in the case narrative. (J) (Organic/General Inorganics) - The result for this analyte was greater than the Method Detection Limit (MDL) but less than the Practical Quantitation Limit (PQL).
EJ*	(E) (Organic) - The result for this anlayte exceeded the upper range of the instrument initial calibration curve. (E) (Inorganic) (ICP-AES) - The result for this analyte in the serial dilution analysis was outside acceptance criteria. (E) (Inorganic) (GFAA) - The result for this analyte failed one or more CLP acceptance critera as explained in the case narrative. (J) (Organic/General Inorganics) - The result for this analyte was greater than the Method Detection Limit (MDL) but less than the Practical Quantitation Limit (PQL). * (Inorganic) - The result for this analyte in the Laboratory Replicate analysis was outside acceptance criteria.
EJN	(E) (Organic) - The result for this anlayte exceeded the upper range of the instrument initial calibration curve. (E) (Inorganic) (ICP-AES) - The result for this analyte in the serial dilution analysis was outside acceptance criteria. (E) (Inorganic) (GFAA) - The result for this analyte failed one or more CLP acceptance critera as explained in the case narrative. (J) (Organic/General Inorganics) - The result for this analyte was greater than the Method Detection Limit (MDL) but less than the Practical Quantitation Limit (PQL). (N) (Organic) - The reported analyte is a tentitively idenififed compound (TIC). (N) (Inorganic) - The result for this analyte in the matrix spike sample was outside acceptance criteria.
EN	(E) (Organic) - The result for this anlayte exceeded the upper range of the instrument initial calibration curve. (E) (Inorganic) (ICP-AES) - The result for this analyte in the serial dilution analysis was outside acceptance criteria. (E) (Inorganic) (GFAA) - The result for this analyte failed one or more CLP acceptance critera as explained in the case narrative. (N) (Organic) - The reported analyte is a tentitively idenififed compound (TIC). (N) (Inorganic) - The result for this anlayte in the matrix spike sample was outside acceptance criteria.
EN*	(E) (Organic) - The result for this anlayte exceeded the upper range of the instrument initial calibration curve. (E) (Inorganic) (ICP-AES) - The result for this analyte in the serial dilution analysis was outside acceptance criteria. (E) (Inorganic) (GFAA) - The result for this analyte failed one or more CLP acceptance critera as explained in the case narrative. (N) (Organic) - The reported analyte is a tentitively idenififed compound (TIC). (N) (Inorganic) - The result for this analyte in the matrix spike sample was outside acceptance criteria. * (Inorganic) - The result for this analyte in the matrix spike sample was outside acceptance criteria.
н	(H) (Organic/Inorganic) - The required extraction or analysis holding time for this result was exceeded.

	Laboratory Qualifier Codes (continued)
Lab Qualifier Code	Lab Qualifier Description
H*	(H) (Organic/Inorganic) - The required extraction or analysis holding time for this result was exceeded. * (Organic) and (Inorganic) - The result for this analyte in the Laboratory Control Sample analysis was outside acceptance criteria.
HJ	(H) (Organic/Inorganic) - The required extraction or analysis holding time for this result was exceeded. (J) (Organic/General Inorganics) - The result for this analyte was greater than the Method Detection Limit (MDL) but less than the Practical Quantitation Limit (PQL).
HJ*	(H) (Organic/Inorganic) - The required extraction or analysis holding time for this result was exceeded. (J) (Organic/General Inorganics) - The result for this analyte was greater than the Method Detection Limit (MDL) but less than the Practical Quantitation Limit (PQL). * (Inorganic) - The result for this analyte in the Laboratory Replicate analysis was outside acceptance criteria.
1	(I) (DIOXIN) The lab is reporting an interference for the associated congener. The reported concentration is an Estimated Maximum Possible Concentration (EMPC) due to the reported interference.
J	(J) (Organic/General Inorganics) - The result for this analyte was greater than the Method Detection Limit (MDL) but less than the Practical Quantitation Limit (PQL).
J*	(J) (Organic/General Inorganics) - The result for this analyte was greater than the Method Detection Limit (MDL) but less than the Practical Quantitation Limit (PQL). * (Inorganic) - The result for this analyte in the Laboratory Replicate analysis was outside acceptance criteria.
JN	(J) (Organic/General Inorganics) - The result for this analyte was greater than the Method Detection Limit (MDL) but less than the Practical Quantitation Limit (PQL). (N) (Organic) - The reported analyte is a tentitively idenififed compound (TIC). (N) (Inorganic) - The result for this anlayte in the matrix spike sample was outside acceptance criteria.
JN*	(J) (Organic/Inorganic/General Inorganics) - The result for this analyte was greater than the Method Detection Limit (MDL) but less than the Practical Quantitation Limit (PQL). (N) (Organic) - The reported analyte is a tentitively idenififed compound (TIC). (N) (Inorganic) - The result for this analyte in the matrix spike sample was outside acceptance criteria. * (Inorganic) - The result for this analyte in the Laboratory Replicate analysis was outside acceptance criteria.
JP	(J) (Organic/General Inorganics) - The result for this analyte was greater than the Method Detection Limit (MDL) but less than the Practical Quantitation Limit (PQL). (P) (Pesticides/PCBs) - The quantitative results for this analyte between the primary and secondary GC columns were greater than 25% difference. (P) (SW-846 EPA Method 8310 High Pressure Liquid Chromotography, HPLC results) - The quantitative results for this analyte between the primary and secondary HPLC columns or primary and secondary HPLC detectors were greater than 40% difference.
JPX	(J) (Organic/General Inorganics) - The result for this analyte was greater than the Method Detection Limit (MDL) but less than the Practical Quantitation Limit (PQL). (P) (Pesticides/PCBs) - The quantitative results for this analyte between the primary and secondary GC columns were greater than 25% difference. (P) (SW-846 EPA Method 8310 High Pressure Liquid Chromotography, HPLC results) - The quantitative results for this analyte between the primary and secondary HPLC columns or primary and secondary HPLC detectors were greater than 40% difference. (X) (Organic/Inorganic) - The result for this analyte should be regarded as not detected.
JX	(J) (Organic/General Inorganics) - The result for this analyte was greater than the Method Detection Limit (MDL) but less than the Practical Quantitation Limit (PQL). (X) (Organic/Inorganic) - The result for this analyte should be regarded as not detected.

Lab Qualifier Code	Lab Qualifier Description
L	(L) (Inorganic) - The result for this analyte in the serial dilution sample indicates physical and chemical interferences are present.
LT	(LT) (Rad) - The result for this analyte is affected by spectral interferance.
N	(N) (Organic) - The reported analyte is a tentitively idenififed compound (TIC). (N) (Inorganic) - The result for this anlayte in the matrix spike sample was outside acceptance criteria.
N*	(N) (Organic) - The reported analyte is a tentitively idenififed compound (TIC). (N) (Inorganic) - The result for this analyte in the matrix spike sample was outside acceptance criteria. * (Inorganic) - The result for this analyte in the Laboratory Replicate analysis was outside acceptance criteria.
Ρ	 (P) (Pesticides/PCBs) - The quantitative results for this analyte between the primary and secondary GC columns were greater than 25% difference. (P) (SW-846 EPA Method 8310 High Pressure Liquid Chromotography, HPLC results) - The quantitative results for this analyte between the primary and secondary HPLC columns or primary and secondary HPLC detectors were greater than 40% difference.
PJ	 (P) (Pesticides/PCBs) - The quantitative results for this analyte between the primary and secondary GC columns were greater than 25% difference. (P) (SW-846 EPA Method 8310 High Pressure Liquid Chromotography, HPLC results) - The quantitative results for this analyte between the primary and secondary HPLC columns or primary and secondary HPLC detectors were greater than 40% difference. (J) (Organic/General Inorganics) - The result for this analyte was greater than the Method Detection Limit (MDL) but less than the Practical Quantitation Limit (PQL).
PX	 (P) (Pesticides/PCBs) - The quantitative results for this analyte between the primary and secondary GC columns were greater than 25% difference. (P) (SW-846 EPA Method 8310 High Pressure Liquid Chromotography, HPLC results) - The quantitative results for this analyte between the primary and secondary HPLC columns or primary and secondary HPLC detectors were greater than 40% difference. (X) (Organic/Inorganic) - The result for this analyte should be regarded as not detected.
Q	(Q) The result for this analyte was reported at an elevated reporting limit.
SI	(SI) (Rad) - Gamma spectrocopy result should be regarded as an uncertain idenification due to spectral interferance.
SQ	(SQ) (Rad) - Gamma spectrocopy result should be regarded as an uncertain idenification due to spectral interferance.
ТІ	(TI) (Rad) - Gamma spectrocopy result should be regarded as an uncertain idenification due to spectral interferance.
U	(U) (Organic/Inorganic) - The result for this analyte was not detected at the specified reporting limit.
U*	(U) (Organic/Inorganic) - The result for this analyte was not detected at the specified reporting limit. * (Inorganic) - The result for this analyte in the Laboratory Replicate analysis was outside acceptance criteria.
UE	(U) (Organic/Inorganic) - The result for this analyte was not detected at the specified reporting limit. (E) (Organic) - The result for this analyte exceeded the upper range of the instrument initial calibration curve. (E) (Inorganic) (ICP-AES) - The result for this analyte in the serial dilution analysis was outside acceptance criteria. (E) (Inorganic) (GFAA) - The result for this analyte failed one or more CLP acceptance critera as explained in the case narrative.

Laboratory Qualifier Codes (continued)		
Lab Qualifier Code	Lab Qualifier Description	
UEN	(U) (Organic/Inorganic) - The result for this analyte was not detected at the specified reporting limit. (E) (Organic) - The result for this analyte exceeded the upper range of the instrument initial calibration curve. (E) (Inorganic) (ICP-AES) - The result for this analyte in the serial dilution analysis was outside acceptance criteria. (E) (Inorganic) (GFAA) - The result for this analyte failed one or more CLP acceptance critera as explained in the case narrative. (N) (Organic) - The reported analyte is a tentitively idenififed compound (TIC). (N) (Inorganic) - The result for this anlayte in the matrix spike sample was outside acceptance criteria.	
UH	(U) (Organic/Inorganic) - The result for this analyte was not detected at the specified reporting limit. (H) (Organic/Inorganic) - The required extraction or analysis holding time for this result was exceeded.	
UH*	(U) (Organic/Inorganic) - The result for this analyte was not detected at the specified reporting limit. (H) (Organic/Inorganic) - The required extraction or analysis holding time for this result was exceeded. * (Inorganic) - The result for this analyte in the Laboratory Replicate analysis was outside acceptance criteria.	
UI	(UI) (Rad) - Gamma spectrocopy result should be regarded as an uncertain idenification.	
UJ	(UJ) (Organic) Legacy CST lab code should not be used.	
UL	UL (all suites) Not detected legacy - This lab qual code is applied by WQ personnel for CST data and other legacy data that was reported as not detected using the less than symbol without the laboratory assigning a U lab code.	
UN	(U) (Organic/Inorganic) - The result for this analyte was not detected at the specified reporting limit. (N) (Organic) - The reported analyte is a tentitively idenififed compound (TIC). (N) (Inorganic) - The result for this analyte in the matrix spike sample was outside acceptance criteria.	
UN*	(U) (Organic/Inorganic) - The result for this analyte was not detected at the specified reporting limit. (N) (Organic) - The reported analyte is a tentitively idenififed compound (TIC). (N) (Inorganic) - The result for this analyte in the matrix spike sample was outside acceptance criteria. * (Inorganic) - The result for this analyte in the Laboratory Replicate analysis was outside acceptance criteria.	
UUI	(UUI) (Rad) - Gamma spectrocopy result should be regarded as an uncertain idenification and the lab assigned these gamma spectroscopy results as not detected.	
UW	(U) (Organic/Inorganic) - The result for this analyte was not detected at the specified reporting limit. (W) (Inorganic GFAA CLP) - The result for this analyte in the post-digestion spike sample was outside acceptance criterea.	
UY2	(UY2) (Rad) - Result should be regarded as an uncertain idenification due to spectral interferance.	
W	(W) (Inorganic GFAA CLP) - The result for this analyte in the post-digestion spike sample was outside acceptance criterea.	
Х	(X) (Organic/Inorganic) - The result for this analyte should be regarded as not detected.	
ХВ	(X) (Organic/Inorganic) - The result for this analyte should be regarded as not detected. (B) (Organic) - This analyte was detected in the associated Laboratory Method Blank and the sample. (B) (Inorganic) - The result for this analyte was greater than the Instrument Detection Limit but less than the Contract Required Detection Limit.	

Valid Flag Code	Valid Flag Desc	
A	The contractually-required supporting documentation for this datum is absent.	
GUP	Matrix and Units are inconsistent	
IUP	Matrix and Units are inconsistent A	
J	The analyte is classified as detected but the reported concentration value is expected to be more uncertain than usual.	
J+	The analyte is classified as detected but the reported concentration value is expected to be more uncertain than usual with a potential positive bias.	
J-	The analyte is classified as detected but the reported concentration value is expected to be more uncertain than usual with a potential negative bias.	
JN+	Presumptive evidence of the presence of the material at an an estimated quantity with a suspected positive bias.	
JN-	Presumptive evidence of the presence of the material at an an estimated quantity with a suspected negative bias.	
JPM	The analyte is classified as detected but the reported concentration value is expected to be more uncertain than usual. Manual review of raw data is recommended to determine if the observed noncompliances with quality acceptance criteria adversely impacts data use.	
LIMIT	The limit type is uncertain.	
MS	Invalid validation flag. MS indicates a laboratory matrix spike sample.	
MSD	Invalid validation flag. MSD indicates a laboratory matrix spike duplicate sample.	
Ν	Presumptive evidence of the presence of the material.	
NJ	(Organic) -Analyte has been tentatively identified and the associated numerical value is estimated based upon 1:1 response factor to the nearest eluting internal standard	
NQ	No validation qualifier flag is associated with this result, and the analyte is classified as detected.	
NUP	Matrix and Units are inconsistent B	
Ρ	Use professional judgement based on data use. A decision must be made by the project manager or a delegate with regard to the need for further review of the data. This review should include some consideration of potential impact that could result from using the P-qualified data.	
PM	Manual review of raw data is recommended to determine if the observed non-compliances with quality acceptance criteria adversely impacts data use.	
R	The reported sample result is classified as rejected due to serious noncompliances regarding quality control acceptance criteria. The presence or absence of the analyte cannot be verified based on routine validation alone	

Secondary Validation Flag Codes

Valid Flag Code	Valid Flag Description
RPM	The reported sample result is classified as rejected due to serious noncompliances regarding quality control acceptance criteria. The presence or absence of the analyte cannot be verified based on routine validation alone.
RUP	Matrix and Units are inconsistent C
U	The analyte is classified as not detected.
UA	Invalid validation flag of unknown meaning.
UJ	The analyte is classified as not detected, with an expectation that the reported result is more uncertain than usual.
VUP	Matrix and Units are inconsistent D

Secondary Validation Reason Codes

Valid Reason	
Code	Valid Reason Description
C12d	VOC_C12d
DR12a	ORGANIC_ODRO12a
DR3b	ORGANIC_ODRO3b
DR9a	ORGANIC_ODRO9a
G165b	GAMMA_GR165b
G165c	GAMMA_GR165c
G16b	GAMMA_G16b
G16bc	GAMMA_GR16bc
G16c	GAMMA_G16c
G3TPU	The sample result is less than or equal to three times the 1-sigma total propagated uncertainty.
G9a	GAMMA_G9a
G9ra	GAMMA_G9ra
GADM1	GAMMA_GADMIN1
GADMI	GAMMA_GADMIN1
GCZ	CST put zeros in the TPU field to indicate non-detects, therefore not detected (U).

Secondary Validation Reason Codes (continued)		
Valid Reason Code	Valid Reason Description	
GI16b	GAMMA_GI16b	
GI16c	GAMMA_GI16c	
GI16d	GAMMA_GI16d	
GI4	GAMMA_GI4	
GI5	GAMMA_GI5	
GIQ	GIQ	
GIR16	GAMMA_GIR16c	
GJCST	Chemical Sciences and Technology validators assigned a J qualifier to this sample result. The hardcopy validation report should be reviewed to determine the reason for applying the J qualifier.	
GJLAB	GJLAB_GAMMA	
GLCS	The percent recovery from the laboratory control sample for this analyte was less than 10%.	
GNONE	A reason code is not available in the database for the data qualifier(s) applied to this sample result.	
GNPO	The reported result should be regarded as rejected because no peak was observed for this radionuclide in the gamma spectrum.	
GNQ	The reported result should regarded as rejected because the the gamma spectrum peak was not quantitated.	
GR1	The tracer yield information is missing. Data may not be acceptable for use.	
GR10	GAMMA_GR10	
GR10a	GAMMA_GR10a	
GR11	GAMMA_GR11	
GR15b	GAMMA_GR15b	
GR15c	GAMMA_GR15c	
GR16	GAMMA_GR16	
GR165	GAMMA_GR165b	
GR166	GAMMA_GR166	
GR16a	GAMMA_GR16a	
GR16b	GAMMA_GR16b	
GR16c	GAMMA_GR16c	
GR16d	GAMMA_GR16d	

Valid

Reason Code	Valid Reason Description
GR16g	GAMMA_GR16g
GR17c	GAMMA_GR17c
GR19	The validator identified quality deficiencies in the reported data that require qualification.
GR1a	The tracer %R value is less than 10%.
GR1c	The MDC for the affected analytes are qualified as estimated because the associated tracer recoverywas less than 30% but greater than 10% and the result is a non-detect.
GR1d	The results for the affected analytes are qualified as estimated and biased high because the associated tracer yield was greater than 105%.
GR3	The matrix spike information is missing. Data may not be acceptable for use.
GR3a	ORGANIC_OGRO3a
GR3b	ORGANIC_OGRO3b
GR3c	ORGANIC_OGRO3c
GR3d	ORGANIC_OGRO3d
GR3e	The results for the affected analytes are qualified as estimated and biased low because the associate matrix spike recovery was less than the LAL but greater than 10%, and the results are non-detect.
GR4	GAMMA_GR4
GR4a	The resluts for the affected analytes should be regarded as not-detected (U) because the associated sample concentration is less than or equal to 5x the associated sample concentration.
GR5	GAMMA_GR5
GR54	GAMMA_GR54
GR5a	The MDC and/or TPU documentation is missing. Data may not be acceptable for use.
GR5b	GR5b
GR6	GAMMA_GR6
GR6a	GR6a
GR6b	The results for the affected analytes should be regarded as rejected because the LCS %R was less than 10%.
GR6c	The results for the affected analytes are qualified as estimated and biased low because the associated LCS was less than the LAL but greater than 10%, and the results are detected.
GR6d	The results for the affected analytes are qualified as estimated and biased low because the associated LCS was less than the LAL but greater than 10%, and the results are non-detect.

Valid	
Code	Valid Reason Description
GR6e	GR6e
GR7	GAMMA_GR7
GR7a	The results for the affected analytes are qualified as estimated because the associated duplicate results were prepared separately from the original analysis.
GR7b	GAMMA_GR7b
GR7c	The affected analytes are qualified as as rejected because the RER was greater than 4
GR8	GAMMA_GR8
GR9	GAMMA_GR9
GR9a	GAMMA_GR9a
GR9b	GAMMA_GR9b
GRA	GAMMA_GRA
GRLAB	R Lab Gamma
GRNA	GAMMA_GRNA
GRR16	GAMMA_GRR16c
GRR1b	GAMMA_GRR1b
GRR6c	GAMMA_GRR16c
GSI	The reported result for this radionuclide should be regarded as rejected (R) due to spectral interference in the gamma spectrum.
GTI	The reported result should be regarded as rejected because the radionuclide identification based on the gamma spectrum is tentative.
GUJC	This analyte should be regarded as not detected because the analytical laboratory assigned a U lab qualifier. Chemical Sciences and Technology validators assigned the J qualifier. The hardcopy validation report should be reviewed to determine the reason for applying the J qualifier.
GULAB	This analyte should be regarded as not detected because the analytical laboratory assigned a U lab qualifier.
GUP_R	Gamma:Units and matrix inconsistent.
GZR	The result for this radionuclide was reported as zero (0); therefore this analyte should be regarded as not detected.
GZUNC	Chemical Sciences and Technology division reported this result with an uncertainty value of zero(0), indicating that this analyte should be regarded as not detected.
G_LIA	The sample was lost in analysis. Results are not available for this sample.
G_MDA	The limit type (e.g. MDA, MDC, or DLC) was not reported by the analytical laboratory; the reported limit value has been saved in the MDA field.
G NQ	No data gualifier flag has been applied to this sample result.

Valid Reason Code	Valid Reason Description
G TPU	Result less than or equal to 3 * 1-sigma TPU, therefore not detected (U)
H10	The affected analytes are considered suspect because the sample was diluted without any target analytes identified due to matrix interference
H11	The required retention time information is missing. Data may not be acceptable for use
H11a	The affected analytes should be regarded as rejected because the associated retention times have shifted by more than 0.05 minutes from the initial calibration.
H12	Required LCS data are missing. The LCS analyte recoveries could not be evaluated. Data may not be acceptable for use.
H12a	H12a
H12b	HEXP_H12b
H12c	HEXP_H12c
H12d	HEXP_H12d
H14a	Insufficient sample volume was received for a matrix spike and/or a matrix spike duplicate analysis.
H14b	The matrix spike and/or the matrix spike duplicate analyses were not performed on a sample associated with a LANL request number.
H14c	The matrix spike and/or the matrix spike duplicate were analyzed on a sample associated with a different LANL request number but no summary was included.
H15	Because the sample was damaged, lost, or of insufficient quantity, the laboratory was unable to analyze it.
H16	Required calibration information is missing or samples were analyzed on an expired calibration. Data may not be acceptable for use.
H19	The validator identified quality deficiencies in the reported data that require qualification.
H3	The surrogate percent recovery is greater than the UAL, which indicates the potential for a high bias in the results and the potential for false positive results
H3a	The surrogate percent recovery is less than the LAL but greater than 10%R, which indicates the potential for a low bias in the detected results.
H3b	The surrogate is less than 10%R, which indicates the potential for a severely low bias in the results.
Н3с	The reporting limit is approximated for nondetects because a surrogate percent recovery is lower than the LAL but greater than or equal to 10%R, which indicates an increased potential for false negative results.
H3d	The surrogate recovery is less than 10% and the result is a nondetect, which indicates significant potential for false negative results.
H3e	At least one surrogate percent recovery exceeds its upper UAL and at least one surrogate is less than its LAL, which indicates a greater than normal degree of uncertainty in the data.
H3f	At least one surrogate is less than 10%R and the sample result is a detect, which indicates the potential for a severely low bias in the results.
H3g	Required surrogate information is missing. Data may not be acceptable for use.

Secondary validation Reason Codes (continued)	
Valid Reason Code	Valid Reason Description
H4	The sample result is greater than the EQL and less than five times the concentration of the related analyte in the blank, which indicates that the reported detection is considered indistinguishable from blank contamination.
H4a	The affected analytes are considered estimated and biased high because this analyte was identified in the method blank but was greater than 5x.
H4b	Required method blank information is missing. Data may not be acceptable for use.
H5	The sample result is less than the EQL and less than five times the concentration of the analyte in the method blank, which indicates the reported detection is considered indistinguishable from contamination in the blank.
H5a	Method-blank data is missing, or method blank was not analyzed. Data may not be acceptable for use.
H6	The recovery of the LCS analyte is greater than the UAL, which indicates the potential for high bias in the results and for false positive results.
H6a	HEXP_H6a
H6b	The of the LCS analyte percent recovery is less than the LAL and greater than or equal to 10%R, which indicates (1) the reporting limit is approximate and probably biased low for nondetected results, and (2) that detected results likely are biased low.
H6c	H6c
H6d	The result is a nondetect and the %R value of surrogates or the analyte in the LCS is less than 10%R, which indicates a greatly increased potential for false negative results.
H7	The affected results were not analyzed with a valid 5 point calibration cuvre and/or a standard at the reporting limit.
H7a	HEXP_H7a
H7c	The affected analytes should be regarded as estimated and/or rejected because the associated analyte did not have a standard at the reporting limit.
H8	HEXP_H8
H8a	The required confirmation column analysis data is missing. Data may not be acceptable for use.
H9	The holding time is exceeded. The data user should conduct a technical evaluation of the data of interest with respect to the effects of exceeding the holding time. Factors to consider include how long the holding time was exceeded, sample preservation, sample storage practices, use of the data, levels of contamination found in the sample, and the physical, chemical, and biological stability of the target analytes in the sample matrix.
H9a	H9a
H9b	HEXP_H9b
HEQLM	The result should be regarded as estimated (J) because the result was less than the EQL, but greater than the MDL.
HERB	ORGANIC_HERB 3A
HERB1	ORGANIC_HERB12A
HERB3	ORGANIC HERB3

0 Validation Basson Codes (continued)

Valid Reason	Valid Posson Description
HERB4	ORGANIC_HERB4
HERB8	ORGANIC_HERB8
HERB9	ORGANIC_HERB9
HHOLD	The result should regarded as rejected (R) because the holding time was exceeded by more than 2 times.
HJCST	CST assigned the J qualifier, need hard-copy to determine CST's reason.
HNONE	No reason for historic HEXP data.
HNQ	HNQ
HQCBL	The J or R qualifier should not be accepted because the qualifier was assigned by CST based on a non-certified standard. The J or R qualifier should be ignored.
HR12a	ORGANIC_HERB12A
HR12b	ORGANIC_HERB12B
HR12c	ORGANIC_HERB12C
HR12d	ORGANIC_HERB12D
HR3a	ORGANIC_HERB 3A
HR3b	ORGANIC_HERB 3D
HR3d	ORGANIC_HERB3D
HR9	ORGANIC_HERB 9
HRLAB	R Lab HEXP
HSM	HEXP_SPECTRAL MATCH
HUJCS	This analyte should be regarded as not detected because the laboratory assigned a U lab qualifier. CST assigned the J qualifier, need hard-copy to determine CST's reason.
HUJL	HUJL
HUJLA	HUJLA_HEXP
HULAB	This analyte should be regarded as not detected because the laboratory assigned a U lab qualifier.
HWQ1	Relative percent difference of the MS/MSD is greater than the acceptance criteria.
HWQ10	Calibration Verification %D exceeded 60%
HWQ2	The spike percent recovery value is greater than or equal to the upper acceptance limit and the result is a detect, which indicates a potential high bias in the sample results.

Valid Reason	
Code	Valid Reason Description
HWQ3	The spike percent recovery value is greater than 10% and less than the lower acceptance limit, which indicates a potential low bias in the results.
HWQ4	The spike percent recovery value is less than 10% which increases the potential for false negatives being reported. This could be caused by analytical interferences.
HWQ5	Non-specified quality control failure - see validation report
HWQ6	The sample was improperly preserved.
HWQ7	Calibration % RSD was greater than the acceptance criteria but less than 60%
HWQ8	Calibration % RSD was greater than 60%
HWQ9	Calibration verification %D exceeded acceptance criteria but was less than 60%
Hba	HEXP_Hba
I	INORGANIC_I
11	The sample result was reported as detected between the IDL and the EDL. Reported result may be less precise than results which are reported as being above the EDL.
110	The duplicate sample RPD is greater than the advisory limit and the sample result is a detect. Manual review is suggested to determine the source of the difference between analyses.
l10a	The duplicate sample RPD is greater than the advisory limit and the sample result is a nondetect. Manual review is suggested to determine the source of the difference between analyses.
l10b	The affected analytes should be regarded as estimated because the duplicate results were not analyzed on a LANL sample.
I10c	The affected analytes should be regarded as estimated because the duplicate results exceeded the RPD requirements.
l10d	The affected analytes should be regarded as estimated because the duplicate results were greater than 2x the RL and the RPD was greater than 20 for wates and 35 for soils.
l110	INORGANIC_I110
l113a	INORGANIC_I113a
l114b	INORGANIC_I114b
113	INORGANIC_I13
l134b	INORGANIC_I134b
l13a	Insufficient sample volume was received for a duplicate-sample analysis.
l13b	The duplicate-sample analysis was not performed on a sample associated with this request number.
l13d	INORGANIC_I13d

Valid Reason Code	Valid Reason Description
114	114
l14a	Insufficient sample volume was received for a matrix-spike analysis.
l14b	The matrix-spike analysis was not performed on a sample associated with this request number.
115	The sample was damaged, lost, or there was insufficient quantity and the analytical laboratory was unable to analyze it.
l15a	An ICV was not reported for this sample.
l15b	A CCV was not reported for this sample.
116	Relative percent difference is greater than 10% in the serial dilution sample.
l16a	The affected analytes should be regarded as rejected because the ICV/CCV recovered high.
I16b	INORGANIC_I16b
I16c	The affected analytes should be regarded as estimated because the ICV/CCV recovered low.
l16d	The affected analytes should be regarded as rejected because the ICV/CCV recovered less than 10%.
I16e	The affected analytes should be regarded as rejected because the initial calibrations corralation coefficient was less than 0.995
l16z	The affected analytes should be regarded as rejected because the ICV/CCV was not analyzed with the associated samples.
l17d	INORGANIC_117d
118	The affected analytes should be regarded as estimated because a serial dilution sample was not analyzed.
l18a	The affected analytes should be regarded as estimated because a serial dilution sample was not analyzed on a LANL sample.
l18b	The affected analytes should be regarded as estimated because the serial dilution sample RPD exceeded criteria.
119	INORGANIC_I19
l1a	INORGANIC_11a
120	INORGANIC_I20
l24b	INORGANIC_I24b
l2h	INORGANIC_I2h
13	The spike percent recovery value is greater than or equal to the upper acceptance limit (125%) but less than or equal to 150% and the result is a detect, which indicates a potential high bias in the sample results.
l3a	The spike percent recovery value is greater than 30% and less than the lower acceptance limit (75%), and the sample result is a detect, which indicates a potential low bias in the results.
I3b	INORGANIC_I3b

Valid Reason	
Code	Valid Reason Description
3c	INORGANIC_I3c
3d	The spike percent recovery value is less than 30%, and the result is a nondetect, which increases the potential for false negatives being reported. This could be caused by analytical interferences.
3e	The spike percent recovery value is greater than 30% and less than the lower acceptance limit (75%), and the sample result is a nondetect, which indicates a potential for false negatives being reported.
3e I	INORGANIC_I3e I4
3el4	INORGANIC_I3e I4
3f	The spike percent recovery value is less than 30% and the sample result is a detect, which indicates a potential low bias.
3g	The sample result is undetected and the spike percent recovery value is greater than 150%, which indicates a potential bias in the sample result.
3h	The sample result is detected and the spike percent recovery value is greater than 150%, which indicates a potential high bias in the sample result.
Зј	INORGANIC_I3j
31	INORGANIC_I3I
4	INORGANIC_I4
4a	In comparison with the preparation blank, the sample result is greater than the EDL but less than or equal to five times the concentration of the related analyte in the blank.
4b	Preparation blank data was not reported by the analytical laboratory.
5	The sample result is less than the estimated detection limit (EDL) and is considered to be not detected.
6	The percent recovery value of the analyte in the LCS is greater than the upper acceptance limit, which indicates a potential for quantitation problems in the analyses and the potential for false positive results being reported.
6a	The percent recovery value of the analyte in the LCS is less than the lower acceptance limit and the analyte is a detect, which indicates a potential for quantitation problems in the analyses and the potential for false negative results being reported.
6b	The percent recovery value of the analyte in the LCS is less than the lower acceptance limit and the analyte is a nondetect, which indicates a potential for quantitation problems in the analyses and the potential for false negative results being reported.
6c	The corresponding LCS or LCS analyte was not analyzed with the associated batch.
7	The ICS percent recovery value is greater than 120% and the result is a detect, which indicates potential quantitation problems in the analyses and the potential for false positive results being reported.
7a	The ICS percent recovery value is greater than or equal to 50% and less than 80% and the result is a detect, which indicates a potential for a low bias.
7b	The ICS percent recovery value is less than 50%, which indicates a greatly increased potential for false negative sample results being reported.

Valid Reason	
Code	Valid Reason Description
17c	The ICS percent recovery value is greater than or equal to 50% and less than 80%, and result is a nondetect, which indicates a potential for false negative results being reported.
l7d	The ICS data was not provided by the analytical laboratory.
19	The holding time is exceeded. Positive results may be biased low and nondetected analytes may be false negatives. An evaluation of the data with respect to the technical implications of exceeding the holding time is recommended. Factors to consider include sample preservation; sample storage practices; data use; levels of contamination found in the sample; and the physical, chemical, and biological stability of the target analytes in the sample matrix.
19a	The affected analytes should be regarded as estimated because the extraction holding time was exceeded by 2 times the acceptable holding time.
IADM1	INORGANIC_IADMIN1
IADMI	INORGANIC_IADMIN1
ICSTZ	CST put zeros in the TPU field to indicate non-detects, therefore not detected (U).
IDRPD	IDRPD
IEQL	INORGANIC_IEQL/MDL
IEQL/	INORGANIC_IEQL/MDL
IH6a	INORGANIC_IH6a
IHOLD	IHOLD
IICP	IICP
IJCST	CST assigned the J qualifier, need hard-copy to determine CST's reason.
IJLAB	IJLAB
ILCS	ILCS
ILIA	ILIA
ILOWS	VOC_LOWSTD
ILS	VOC_LOW STD
IMS10	IMS10
IMS30	IMS30
INONE	No Reason for historical inorganic data
INQ	INQ
IPM	INORGANIC_IPM

Secondary Validation Reason Codes (continued)	
Valid Reason Code	Valid Reason Description
IQCBL	IQCBL
IR10b	INORGANIC_IR10b
IR14b	INORGANIC_IR14b
IR3	INORGANIC_IR3
IR3a	INORGANIC_IR3a
IR4	INORGANIC_IR4
IR5	INORGANIC_IR5
IR6a	INORGANIC_IR6a
IR7	INORGANIC_IR7
IR9a	INORGANIC_IR9a
IR9b	INORGANIC_IR9b
IRCST	CST assigned the R qualifier, need hard-copy to determine CST's reason.
IU1	INORGANIC_IU1
IU3e	INORGANIC_IU3e
IUA	INORGANIC_IUA
IUJCS	This analyte should be regarded as not detected because the laboratory assigned a U lab qualifier. CST assigned the J qualifier, need hard-copy to determine CST's reason.
IUJLA	IUJLA
IULAB	This analyte should be regarded as not detected because the laboratory assigned a U lab qualifier.
IUP_R	Inorganic:Units and matrix inconsistent.
IUUJ	This analyte should be regarded as not detected because the laboratory assigned a U lab qualifier. CST assigned the J qualifier, need hard-copy to determine CST's reason.
IV3a	INORGANIC_IV3a
IWQ1	The sample temperature was elevated
IWQ2	Negative blank samples results were greater than the MDL
IWQ3	Failed serial dilution RPD
IWQ4	Sample should have been preserved by acidification, but was not. Error not corrected at laboratory.

	Secondary Validation Reason Codes (continued)	
Valid Reason Code	Valid Reason Description	
IWQ5	Sample should not have been acidified, but was. Error could not be corrected at laboratory.	
IWQ6	Non-specified quality control failure - see validation report	
IWQ7	Reporting limit verification recovery was greater than the acceptance criteria	
IZR		
ld	INORGANIC Id	
ls	INORGANIC_Is	
J+	VOC_J+	
J-	-L_JOV	
J_LAB	The analytical laboratory qualified the detected result as estimated (J) because the result was less the PQL but greater than the MDL	
LB	Gross contamination exists from a source other than the standard.	
LB1	Method-blank data is missing, or method blank was not analyzed at the required frequency.	
LB2	ICB/CCB data is missing, or ICB/CCB was not run at the required frequency.	
LB9	The sample result is less than five times the concentration of the related analyte in the blank.	
LC1	The frequency of the CCV did not meet method criteria.	
LC2	The CCV %D failed high.	
LC3	The CCV %D failed low.	
LCO	Suspected carry over. Compound detected in sample at value < 5X PQL. The previous sample had a value > high standard and required dilution.	
LDL1	No CRI was analysed to verify the reporting limit.	
LDL2	The CRI recovery failed high.	
LDL3	The CRI recovery failed low.	
LDS1	An initial dilution was performed and the surrogate recovery was >/= 10% OR < 10% but some sample results are > PQL.	
LDS2	An initial dilution was performed and the surrogate recovery was 0% and sample results are non-detect.	
LDS3	The sample result in a diluted sample was non-detect.	
LDS4	The instrument response for a diluted sample result was < half the lowest calibration standard and the sample result is detect.	
LH1	The holding time is exceeded for sample analysis	
LH2	The holding time is exceeded for sample extraction	
LH3	The holding time is exceeded by greater than twice the specified holding time	

Secondary Validation Reason Codes (continued)	
Valid Reason	Velid Dessen Description
Code	
	Required calibration information is missing or samples were analyzed on an expired calibration. Data may not be acceptable for use.
LI2	A second source ICV (or second standard made from the same stock) was not used to verify the Ical.
LI3	The initial calibration %RSD or correlation coefficient failed to meet acceptance criteria.
LI4	The initial calibration slope or RF criteria were not met.
LI5	The initial calibration y-intercept criteria were not met.
LI6	An insufficient number of calibration standards were used and/or all standards were not analyzed within a 24 hour period. Data may not be acceptable for use.
LI7	Points were removed from the calibration curve and the reporting limits were not adjusted accordingly.
LIR1	Chorine isotope ratio criteria not met.
LIS	Required IS information is missing.
LIS1	The IS area count failed high.
LIS2	The IS area count failed low.
LIS4	The IS RT is > 30secs from that of the associated standard.
LIV2	The ICV %D failed high.
LIV3	The ICV %D failed low.
LL1	The frequency of the LCS did not meet the specified criteria.
LL2	The LCS %R failed high.
LL3	The LCS %R failed low.
LL4	The LCS %Rs failed both high and low, or the LCS/LSCD RPD failed to meet criteria.
LMS1	An applicable MS/MSD analysis was not performed.
LMS2	The MS/MSD %R failed high.
LMS3	The MS/MSD %R failed low.
LMS4	Relative percent difference of the MS/MSD is greater than the acceptance criteria or the recoveries fail both high and low.
LOW S	VOC_LOW STD
LOWST	VOC_LOWSTD
LP1	The sample was improperly preserved.
LP3	Sample not maintained at required temperature

Valid Reason	
Code	Valid Reason Description
LR1	The sample result exceeded the calibration range.
LR2	Because the sample was damaged, lost, or of insufficient quantity, the laboratory was unable to analyze it.
LRP1	There is no measure of precison for the sample ie. No replicate, MSD or LCSD was performed.
LRP2	The replicate precision criteria are not met.
LS	Required surrogate information is missing. Data may not be acceptable for use.
LS1	Surrogate failed high.
LS2	Surrogate failed low.
LS4	The surrogate %R in the blank did not meet acceptance criteria.
LWQ1	Non-specified quality control failure - see report
MDL	ORGANIC_OEQL/MDL
N3TPU	NONE_<3*TPU Result less than or equal to 3 * 1-sigma TPU, therefore not detected (U).
NJCST	NONE_J_CST
NJLAB	NONE_J_LAB
NND	NONE_NONDETECT
NNQ	NONE_NQ
NQ	The analytical laboratory did not qualify the analyte as not detected and/or any other standard qualifire. The analyte is detected in the sample.
NS12a	SVOC_SVV12a
NS12c	SVOC_SVV12c
NS1a	SVOC_SVVS1a
NUA	NONE_NUA
NULAB	NONE_U_LAB This analyte should be regarded as not detected because the laboratory assigned a U lab qualifier.
NUP_R	Units and matrix inconsistent.
O12d	ORGANIC_OSV12d
O5XBL	ORGANIC_05XBLANK
ODRO1	ORGANIC_ODRO12a
ODRO3	ORGANIC_ODRO3
ODRO4	ORGANIC_ODRO4

Secondary Validation Reason Codes (continued)	
Valid Reason Code	Valid Reason Description
ODRO5	ODRO5_ORGANIC
ODRO7	ODRO7_ORGANIC
ODRO9	ORGANIC_ODRO9
OEQL/	ORGANIC_OEQL/MDL
OGR3b	OGR3b_ORGANIC
OGR3c	OGR3c_ORGANIC
OGRO3	ORGANIC_OGRO3
OGR07	OGRO7_ORGANIC
OGRO9	ORGANIC_OGRO9
OH12b	ORGANIC_OH12b
OH9	ORGANIC_OH9
OI3	ORGANIC_OI3
Ol4	ORGANIC_OI4
OI9	ORGANIC_OI9
ONONE	ORGANIC_ONONE
ONQ	ONQ
OP12a	ORGANIC_OP12a
OP12b	ORGANIC_OP12b
OP3	ORGANIC_OP3
OP3a	ORGANIC_OP3a
OP3b	ORGANIC_OP3b
OP3c	ORGANIC_OP3c
OP3d	ORGANIC_OP3d
OP4	ORGANIC_OP4
OP5	ORGANIC_OP5
OP6	ORGANIC_OP6
OP7	ORGANIC_OP7

	Secondary Validation Reason Codes (continued)	
Valid Reason Code	Valid Reason Description	
OP7a	ORGANIC_OP7a	
OP9	ORGANIC_OP9	
OP9a	OP9a Organic	
OPa	ORGANIC_OPa	
OR1	INORGANIC_OR1	
OSIN	ORGANIC_OSIN	
OSV12	ORGANIC_OSV12d	
OSV1a	ORGANIC_OSV1a	
OSV3	ORGANIC_OSV3	
OSV3a	ORGANIC_OSV3a	
OSV4	ORGANIC_OSV4	
OSV4a	ORGANIC_OSV4a	
OSV7	ORGANIC_OSV7	
OSV7a	ORGANIC_OSV7a	
OSV9	ORGANIC_OSV9	
OUJLA	O_UJ_LAB	
OULAB	O_U_LAB This analyte should be regarded as not detected because the laboratory assigned a U lab qualifier.	
OV3	OV3	
OV36	ORGANIC_OV36	
OV3a	ORGANIC_OV3a	
OV3b	ORGANIC_OV3b	
OV3c	ORGANIC_OV3c	
OV4	INORGANIC_OV4	
OV7	ORGANIC_OV7	
OV7a	ORGANIC_OV7a	
OV9	ORGANIC_OV9	

Valid Reason	Valid Decess Decementary
Code	
P10	The breakdown criteria have been exceeded, which indicates poor instrument performance, which can result in a low bias in the reported results and potential fthe labile compounds Endrin and 4,4'DDT.
P10a	The breakdown criteria have been exceeded, which indicates poor instrument performance, which can result in a high bias in the reported results and potential false positive results for the breakdown products Endrin ketone, Endrin aldehyde, DDD, and DDE.
P10b	The breakdown recovery data are missing. The analyte breakdown could not be evaluated.
P10c	The affected analytes are considered suspect because the sample was diluted without any target analytes identified due to matrix interference.
P11	The surrogate retention time has shifted by more than 0.05 min, possibly affecting analyte identification and causing false positives or negatives to be reported.
P11a	The surrogate recovery data are missing. Surrogate recoveries could not be evaluated.
P11b	The affected analytes are considered estimated because the confirmed analytes was outside the retention time windows.
P12	The LCS data are missing. The LCS analyte recoveries could not be evaluated.
P12a	The LCS analyte is less than 10%R, which indicates the potential for a severely low bias in the results.
P12b	The LCS analyte is greater than 10%R but less than the LAL, which indicates the potential for a low bias in the results.
P12c	The result is a nondetect and the LCS analyte is greater than 10%R but less than the LAL, which indicates the potential for false negative results.
P12d	The LCS analyte %R value is greater than the UAL, which indicates the potential for high bias in the results and for false positive results.
P13	The Florisil cleanup not conducted; interferences may have increased analytical uncertainty and the potential for both false positives and false negatives.
P13a	The GPC cleanup was not conducted on this soil sample; interferences may have increased analytical uncertainty and the potential for both false positives and false negatives.
P13b	The appropriate cleanup was not conducted; interferences may have increased the analytical uncertainty and the potential for both false positives and false negatives. Examples of required cleanups are sulfur contamination (sulfur cleanup required), interferences in PCB samples (sulfuric acid cleanup required), and high molecular weight interferences in water samples (GPC cleanup required).
P14a	Insufficient sample volume was received for a matrix spike and/or a matrix spike duplicate analysis.
P14b	The matrix spike and/or the matrix spike duplicate analysis were not performed on a sample associated with a LANL request number.
P14c	The matrix spike and/or the matrix spike duplicate were analyzed on a sample associated with a different LANL request number but no summary was included.
P15	Because the sample was damaged, lost, or of insufficient quantity, the laboratory was unable to analyze it.
P16	Required continuing calibration information is missing. Data may not be acceptable for use.
P19	The validator identified quality deficiencies in the reported data that require qualification.T

Valid Reason	
Code	Valid Reason Description
P23B	P23B
P3	The surrogate %R value is greater than the UAL, which indicates the a potential for a high bias in the results and a potential for false positive results.
P3a	The surrogate is greater than 10%R but less than the LAL, which indicates the potential for low bias in the results.
P3b	The surrogate is less than 10%R, which indicates the potential for a severely low bias in the results.
P3c	The result is less than the EQL and the surrogate %R value is greater than10 % but less than the LAL, which indicates a potential for false negative results being reported.
P3d	The result is less than the EQL and the surrogate less than 10%R, which indicates a significant potential for false negative results.
P3e	One surrogate recovery is greater than the UAL and one surrogate recovery is less than the LAL, which indicates increased uncertainty in reported results.
P3f	The surrogate information is missing. Data may not be acceptale for use.
P4	The sample result is a detect but less than 5 times the concentration of the related analyte in the blank, which indicates that the reported detection is considered indistinguishable from blank contamination.
P46	PESTPCB_P46
P4a	The method blank or instrument blank documentation is missing.
P4b	The surrogate information is missing. Data may not be acceptale for use.T
P5	PESTPCB_P5
P6	PESTPCB_P6
P7	The percent relative standard deviation (%RSD) or percent difference (%D) exceeds the applicable acceptance criterion, which indicates potential quantitation problems in the analyses and the potential for false negative results.
P77	The affected analytes are consdered estimated because the associated continuing calibration standard was not analyzed within 72 hours of the initial analysis. This is for multi-component analytes.
P7a	The multicomponent analyte standard was not analyzed within 72 hrs of a multicomponent analyte detection. Quantitation of the multicomponent detection in the sample may not be accurate.
P7b	PESTPCB_P7b
P7c	PESTPCB_P7c
P8	This analyte should be regarded as not-detected because it was not confirmed on a second dissimilar column.
P8a	The required confirmation column analysis data is missing. Data may not be acceptable for use.

Secondary Validation Reason Codes (continued)	
Valid Reason Code	Valid Reason Description
P9	The holding time is exceeded. The data user should conduct a technical evaluation of the data of interest with respect to the impact of exceeding the holding time. Factors to consider include sample preservation, sample storage practices, use of the data, levels of contamination found in the sample, and the physical, chemical, and biological stability of the target analytes in the sample matrix.
P913	PESTPCB_P913
P9a	The affected analytes should be regarded as estimated because the extraction holding time was exceeded by 2 times the acceptable holding time.
P9b	The results for the affected analytes are rejected because the analytical holding time was exceeded.
PC	PESTPCB_PC
PEQL	P_EQL/MDL The result should be regarded as estimated (J) because the result was less than the EQL, but greater than the MDL.
PHOLD	P_HOLD_TIME
PJCST	P_J_CST
PJLAB	PJLAB_PESTPCB
PLIA	P_LIA
PNONE	No reason for historic AROCLOR data.
PNQ	P_NQ
PQCBL	P_QC_BLIND
PS10	P_Surr < 10%
PUJCS	This analyte should be regarded as not detected because the laboratory assigned a U lab qualifier. CST assigned the J qualifier, need hard-copy to determine CST's reason.
PUJLA	P_U_LAB
PULAB	This analyte should be regarded as not detected because the laboratory assigned a U lab qualifier.
PV3	PESTPCB_PV3
PV4	PESTPCB_PV4
PWQ1	No MS/MSD data was included in the data package.
PWQ10	Calibration verification %D exceeded acceptance criteria but was less than 60%
PWQ11	Calibration Verification %D exceeded 60%
PWQ2	Relative percent difference of the MS/MSD is greater than the acceptance criteria.
PWQ3	The spike percent recovery value is greater than or equal to the upper acceptance limit and the result is a detect, which indicates a potential high bias in the sample results.

Valid Reason Code	Valid Reason Description
PWQ4	The spike percent recovery value is greater than 10% and less than the lower acceptance limit, which indicates a potential low bias in the results.
PWQ5	The spike percent recovery value is less than 10% which increases the potential for false negatives being reported. This could be caused by analytical interferences.
PWQ6	Non-specified quality control failure - see validation report
PWQ7	The sample was improperly preserved.
PWQ8	Calibration % RSD was greater than the acceptance criteria but less than 60%
PWQ9	Calibration % RSD was greater than 60%
R 6B	RAD_R 6B
R1	The tracer /carrier %R value is < 10%.
R10	RAD_R10
R10a	RAD_R10a
R10b	RAD_R10b
R11	The results for the affected analytes should be regarded as not-detected (U) because the associated sample concentration was less than 3x the 1 sigma TPU.
R11a	RAD_R11a
R11b	RAD_R11b
R11c	RAD_R11c
R11d	RAD_R11d
R14	RAD_R14
R14a	Insufficient sample volume was received for a matrix-spike analysis.
R14b	The matrix-spike analysis was not performed on a sample associated with this RN
R16	RAD_R16
R16a	Result is greater than the MDC for the following fission and activation products with half-lives less than 365 days: Ce-144, Co-57, Mn-54, Pa-233, Se-75, and Zn-65.
R16b	Result is greater than the MDC for the following radionuclides not reliably measured by gamma spectroscopy: Ac-228, Ba-140, Bi-212, I-129, La-140, Np-237, Pa-231, Pa-234, Pb-210, Pb-211, Ra,-223, Ra-224, Ra-226, and Rn-219.
R16c	Result is greater than the MDC for the following naturally occurring radionuclides that are reliably measured by gamma spectroscopy and that can provide an indication of the quality of the gamma spectroscopy measurement: Bi-211, Bi-214, K-40, Pb-212, Pb-214, Th-227, Th-234, TI-208, and annihilation radiation.

Secondary Validation Reason Codes (continued)	
Valid Reason Code	Valid Reason Description
R16d	Result is greater than the MDC for the following six radionuclides typically used by the analytical labs in their LCSs for instrument calibration and checks on instrument performance: Cd-109, Ce-139, Hg-203, Sn-113, Sr-85, and Y-88.
R19	The validator identified quality deficiencies in the reported data that require qualification.
R1a	The tracer %R value is 10-30% inclusive and the sample result is greater than the MDA.
R1b	The tracer %R value is 10-30% inclusive and the sample result is less than the MDA.
R1c	The MDC for the affected analytes are qualified as estimated because the associated tracer recoverywas less than 30% but greater than 10% and the result is a non-detect.
R1d	The results for the affected analytes are qualified as estimated and biased high because the associated tracer yield was greater than 105%.
R1e	The tracer/carrier %R value is not reported.
R1x	The tracer %R value is less than 10%.
R1z	The tracer %R value is less than 30% but greater than 10% and the sample result is a detect.
R3	The matrix spike %R value is greater than the upper limit and the sample result is greater than the MDA.
R3TPU	P_UJ_LAB
R3a	The matrix spike %R value is less than the lower limit and the sample result is greater than the MDA.
R3b	The matrix-spike %R value is less than 10% and the result is not-detected.
R3c	The matrix spike %R value is less than the lower limit and the sample result is less than the MDA.
R3d	The results for the affected analytes are qualified as estimated and biased low because the associate matrix spike recovery was less than the LAL but greater than 10%, and the results are detected.
R3e	The results for the affected analytes are qualified as estimated and biased low because the associate matrix spike recovery was less than the LAL but greater than 10%, and the results are non-detect.
R4	The sample result is greater than the MDA but less than 5 times the amount found in the blank.
R4a	The resluts for the affected analytes should be regarded as not-detected (U) because the associated sample concentration is less than or equal to 5x the associated sample concentration.
R4b	Blank data is either missing from or not reported in the data record package.
R4z	The method blank information is missing. The data may be acceptable for use.
R5	Analyte is not detected because the amount reported is less than the MDC.
R5a	The MDC and/or TPU documentation is missing. Data may not be acceptable for use.
R5b	This analyte should be regarded as rejected because spectral interferences prevents positive identification of the analytes.
	Secondary Validation Reason Codes (continued)
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Valid Reason Code	Valid Reason Description
R6	Recovery of the analyte in the LCS is greater than the upper limit and the analyte result is greater than the MDA.
R6a	Recovery of analyte in the LCS is less than the lower limit and the analyte is greater than the MDA in the sample.
R6b	The results for the affected analytes should be regarded as rejected because the LCS %R was less than 10%.
R6c	The results for the affected analytes are qualified as estimated and biased low because the associated LCS was less than the LAL but greater than 10%, and the results are detected.
R6d	The results for the affected analytes are qualified as estimated and biased low because the associated LCS was less than the LAL but greater than 10%, and the results are non-detect.
R6e	The LCS data is missing from the data record package.
R7	The duplicate information is missing. Data may not be acceptable for use.
R7a	The results for the affected analytes are qualified as estimated because the associated duplicate results were prepared separately from the original analysis.
R7b	The duplicate and sample results have a DER (duplicate error ratio) that is greater than 2.0.
R7c	The affected analytes are qualified as as rejected because the RER was greater than 4
R8	RAD_R8
R9	The results for the affected analytes should be regarded as estimated because the hloding time was exceeded.
R96	RAD_R96
R9a	The results for the affecteed anaytes should be regarded as rejected because the holding time was exceeded by 2x the method published holding times.
R9b	RAD_R9b
RA	R_Accidentally_
RB7	RAD_RB7
RC0TP	R_CST_ZERO_TPU
RC0UN	R_CST_0_UNC
RI14a	RAD_RI14a
RI14b	RAD_RI14b
RI3	RAD_RI3
RI3a	RAD_RI3a
RI4	RAD_RI4

	Secondary Validation Reason Codes (continued)
Valid Reason Code	Valid Reason Description
RI5	RAD_RI5
RI6	RAD_RI6
RIA	RAD_RIA
RIB	RAD_RIB
RJCST	R_J_CST
RJLAB	R_J_LAB
RLIA	R_LIA
RNONE	No reason for historic RAD data.
RNQ	R_NQ
RPA	RAD_RPA
RQCBL	RQCBL_RAD
RQCMX	R_Samp_QC_Mixed
RRLAB	R Lab RAD
RSQLP	RAD_SQLPLUR9B
RT30	R_Tracer < 30%
RUJCS	This analyte should be regarded as not detected because the laboratory assigned a U lab qualifier. CST assigned the J qualifier, need hard-copy to determine CST's reason.
RUJLA	RUJLA_RAD
RULAB	This analyte should be regarded as not detected because the laboratory assigned a U lab qualifier.
RUP_R	RAD: Units and matrix inconsistent.
RWQ1	Planchets were flamed
RWQ2	Result values are less than than 3 times the MDC
RWQ3	Less than the negative MDC
RWQ4	Planchets were not flamed
RWQ5	The tracer %R value is greater than 105% but less than 125%
RWQ6	The tracer %R value is greater than 125%
RWQ7	Non-specified quality control failure - see validation report

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Valid Reason	
Code	Valid Reason Description
RZUNC	R_ZERO_UNCERT
R_MDA	R_MDA
Rb	RAD_Rb
SEQLM	The result should be regarded as estimated (J) because the result was less than the EQL, but greater than the MDL.
SHOLD	SHOLD
SJCST	SJCST
SJLAB	SJLAB
SNQ	SNQ
SPECT	HEXP_SPECTRAL MATCH
SQCBL	SQCBL
SQLPL	RAD_SQLPLUR9B
SRO9	ORGANIC_SRO9
SSU10	SSU10
SUJCS	This analyte should be regarded as not detected because the laboratory assigned a U lab qualifier. CST assigned the J qualifier, need hard-copy to determine CST's reason.
SUJLA	SUJLA
SULAB	SULAB
SV0	The IS retention time has shifted by more than ?30 sec, which could affect compound identification and result in false positives or negatives.
SV1	The IS area count for the quantitating IS is outside the -50%-+100% window in relation to the previous continuing calibration, which could affect the quantitation accuracy of the associated analytes and the correct quantitation of surrogate %R values.
SV10	The affected analytes are considered suspect because the sample was diluted without any target analytes identified due to matrix interference.
SV11	TICs are not reported but were requested by ER Project. The validator contacted the laboratory that had not provided TICs.
SV12	The LCS documentation is missing. Data may not be acceptable for use.
SV12a	The LCS percent recovery was less than 10%.
SV12b	The LCS percent recovery was less than the LAL but greater than 10% and the result is detected.
SV12c	The LCS percent recovery was less than the LAL but greater than 10% and the result is not detected.
SV12d	The affected analytes should be regarded as estimated and biased high because the LCS percent recovery was greater than the UAL.

Valid Reason Code	Valid Reason Description
SV13c	SVOC SV13c
SV15	Because the sample was damaged, lost, or of insufficient quantity, the laboratory was unable to analyze it.
SV16	Required calibration information is missing or samples were analyzed on an expired calibration. Data may not be acceptable for use.
SV16a	The results for the affected analytes are rejected because the instrument performance sample (DFTPP) did not pass method acceptance criteria
SV19	The affected analytes are qualified because the data validator identified quality deficiencies in the reported data.
SV1a	The area count for the quantitating IS is less than 50% of the area count for the previous continuing calibration, greatly increasing the potential for false negative results.
SV1b	The area count for the quantitiating IS is greater than 200% of the area count for the previous continuing calibration.
SV2	The quantitating IS area count is less than 10% of the expected value, which indicates increased potential for false negative results and other possible problems with sample quantitation.
SV2a	Required IS information is missing. Data may not be acceptable for use.
SV2c	SVOC_SV2c
SV3	The %R values for two or more surrogates in either SV fraction is greater than the UAL, which indicates the potential for high bias in the results and the potential for false positive results.
SV3a	Two or more surrogates in either SV fraction are greater than or equal to 10%R but less than the LAL, which indicates the porential for low bias in the results.
SV3b	A surrogate in the related fraction is less than 10%R, and the result is a detect, which indicates the potential for severely low bias in the results.
SV3c	The result is a nondetect and two or more surrogates are greater than or equal to 10%R but less than the LAL, which indicates increased potential for false negative results.
SV3d	The result is a nondetect and a surrogate in the related fraction is less than 10%R, which indicates a greatly increased potential for false negative results.
SV3e	The %R value of one surrogate in a fraction is greater than the UAL and one is less than the LAL but greater than or equal to 10%R, which indicates a greater than normal uncertainty in the results.
SV3f	Required surrogate information is missing. Data may not be acceptable for use.
SV4	The sample result is greater than the EQL and less than or equal to 5 times (10 times for common phthalates) the concentration of the related analyte in the blank, which indicates the reported detection is considered indistinguishable from contamination in the blank.
SV4a	The affected analytes are considered estimated and biased high because this analyte was identified in the method blank but was greater than 5x (10x for common lab contaminates).
SV4b	Required method blank information is missing. Data may not be acceptable for use.

Periodic Monitoring Report for White Rock Watershed

Secondary Validation Reason Codes (continued)								
Valid Reason Code	Valid Reason Description							
SV5	The sample result is less than the EQL and less than or eqaul to 5 times (10 times for common phthalates) the concentration of the analyte in the blank, which indicates the detected result was indistinguishable from contamination in the blank.							
SV5a	Method-blank data is missing, or method blank was not analyzed. Data may not be acceptable for use.							
SV5v7	SVOC_SV5v7a							
SV6	SVOC_SV6							
SV6b	SVOC_SV6b							
SV7	The affected results were not analyzed with a valid 5 point calibration cuvre and/or a standard at the reporting limit.							
SV7a	The affected analytes were analyzed with a initial calibration curve that exceeded the %RSD criteria and/or a continuing calibration standard that exceeded %D criteria.							
SV7b	The affected analytes were analyzed with a RRF of less than 0.05.							
SV8	The affected analyte is considered not detected because mass spectrum did not meet specifications.							
SV8a	The mass spectrum documentation is missing. Data may not be acceptable for use.							
SV9	The extraction holding time is exceeded. The data user should evaluate the data of interest with respect to the effect of exceeding the holding time. Factors to consider include sample preservation, sample storage practices, use of the data, levels of contamination found in the sample, and the physical, chemical, and biological stability of the target analytes in the sample matrix.							
SV9a	The affected analytes are regarded as rejected because the extraction holding time was exceeded by 2x the method published holding time requirements.							
SV9b	The affected analytes are regarded as rejected because the analytical holding time was exceeded.							
SVA	SVOC_SVA							
SVC	SVOC_SVC							
SVD	SVOC_SVD							
SVI	SVOC_SVI							
SVIA	SVOC_SVIA							
SVNON	No reason for historic SVOC data.							
SVPM	SVOC_SVPM							
SVS	SVOC_SVS							
SVV12	SVOC_SVV12a							
SVV1a	SVOC_SVV1a							

Secondary Validation Reason Codes (continued)							
Valid Reason Code	Valid Reason Description						
SVV3	SVOC_SVV3						
SVV4	SVOC_SVV4						
SVV5	SVOC_SVV5						
SVV7a	SVOC_SVV7a						
SVV9	SVOC_SVV9						
SVVS1	SVOC_SVVS1a						
SWQ1	Relative percent difference of the MS/MSD is greater than the acceptance criteria.						
SWQ10	Calibration Verification %D exceeded 60%						
SWQ11	The LCS recovery was greater than the acceptance criteria						
SWQ2	The spike percent recovery value is greater than or equal to the upper acceptance limit and the result is a detect, which indicates a potential high bias in the sample results.						
SWQ3	The spike percent recovery value is greater than 10% and less than the lower acceptance limit, which indicates a potential low bias in the results.						
SWQ4	The spike percent recovery value is less than 10% which increases the potential for false negatives being reported. This could be caused by analytical interferences.						
SWQ5	Non-specified quality control failure - see validation report						
SWQ6	The sample was improperly preserved.						
SWQ7	Calibration % RSD was greater than the acceptance criteria but less than 60%						
SWQ8	Calibration %RSD exceeded 60%						
SWQ9	Calibration Verification %D was greater than the acceptance criteria but less than 60%						
UNK	Unknown						
U_LAB	The analytical laboratory qualified the analyte as not detected.						
V	VOC_V						
V+	VOC_V+						
V0	The IS retention time has shifted by more than ?30 seconds, which could affect compound identification and cause false positives or negatives to be reported.						
V1	The IS area count for the quantitating IS is outside the -50%-+100% window in relation to the previous continuing calibration. This condition could affect the quantitation accuracy of the associated analytes.						
V10	The affected analytes are considered suspect because the sample was diluted without any target analytes identified due to matrix interference.						

Periodic Monitoring Report for White Rock Watershed

Valid	
Reason	Valid Peason Description
	Value Reason Description
V11	provided.
V12	The LCS documentation is missing. The data may not be acceptable for use.
V126	VOC_V126
V12a	The LCS percent recovery was less than 10%.
V12b	The LCS percent recovery was less than the LAL but greater than 10%. The result is biased low and is detected.
V12c	The LCS percent recovery was less than the LAL but greater than 10%. The result was not-detected.
V12d	The LCS percent recovery was greater than the UAL. The result is detected and biased high.
V14a	Insufficient sample volume was received for a matrix spike and/or a matrix spike duplicate analysis.
V14b	The matrix spike and/or the matrix spike duplicate analysis was not performed on a sample associated with a LANL request number.
V14c	The matrix spike a nd/or the matrix spike duplicate was analyzed on a sample associated with a different LANL request number but no summary was included.
V15	Because the sample was damaged, lost, or of insufficient quantity, the laboratory was unable to analyze it.
V16	Required calibration information is missing or samples were analyzed on an expired calibration. Data may not be acceptable for use.
V16a	The results should be regarded as rejected because the BFB instrument performance sample did not pass method acceptance criteria.
V19	The validator identified quality deficiencies in the reported data that require qualification.
V1a	The area count for the quantitating IS is less than 50% of the area count for the previous continuing calibration, greatly increasing the potential for false negative results.
V1b	This analyte should be regarded as estimated because the IS failed high.
V1c	VOC_V1c
V1s	VOC_V1s
V2	The quantitating IS area is less than 10% of the expected value, which indicates an increased potential for false negative results and possibly other problems with sample quantitation.
V2a	Required IS information is missing. Data may not be acceptable for use.
V3	The surrogate percent recovery is greater than the UAL, which indicates the potential for a high bias in the results and the potential for false positive results.
V3a	The surrogate is less than the LAL but greater than or equal to 10%R, which indicates the potential for a low bias in the results.
V3b	The surrogate is less than 10%R and the result is a detect, which indicates the potential for a severely low bias in the results.

	Secondary Validation Reason Codes (continued)
Valid Reason Code	Valid Reason Description
V3c	The surrogate is less than LAL and the result is a non-detect, which indicates the potential for a low bias in the results.
V3d	The surrogate is less than 10%R and the result is a nondetect, which indicates a greatly increased potential for false negative results.
V3e	At least one surrogate is greater than the UAL and one surrogate is less than the LAL, which indicates a greater than normal degree of uncertainty in the result.
V3f	Required surrogate information is missing. Data may not be acceptable for use.
V4	The sample result is less than or equal to 5 times (10 times for acetone, methylene chloride, and 2-butanone) the concentration of the related analyte in the method blank, which indicates the reported detection is considered indistinguishable from contamination in the blank.
V4a	The affected analytes are considered estimated and biased high because this analyte was identified in the method blank but was greater than 5x (10x for common lab contaminates).
V4b	Required method blank information is missing. Data may not be acceptable for use.
V5	VOC_V5
V5a	Method-blank data is missing, or method blank was not analyzed. Data may not be acceptable for use.
V5c	VOC_V5c
V6b	VOC_V6b
V7	The affected results were not analyzed with a valid 5 point calibration cuvre and/or a standard at the reporting limit.
V76	VOC_V76
V78	VOC_V78
V7a	The affected analytes were analyzed with a initial calibration curve that exceeded the %RSD criteria and/or a continuing calibration standard that exceeded %D criteria.
V7b	The affected analytes were analyzed with a RRF of less than 0.05.
V8	The affected analyte is considered not detected because mass spectrum did not meet specifications.
V8a	The mass spectrum documentation is missing. Data may not be acceptable for use.
V9	The analytical and/or extraction holding time is exceeded. The data user should evaluate the data of interest with respect to the effects of exceeding the holding time. Factors to consider include sample preservation, sample storage practices, use of the data, levels of contamination found in the sample, and the physical, chemical, and biological stability of the target analytes in the sample matrix.
V9a	The affected analytes are regarded as rejected because the analytical/extraction holding time was exceeded by 2x the method published holding time requirements.
VC4	VOC_VC4
VEQL	The result should be regarded as estimated (J) because the result was less than the EQL, but greater than the MDL.

Secondary Validation Reason Codes (continued)								
Valid Reason Code	Valid Reason Description							
VI1	VOC_VI1							
VI4	VOC_VI4							
VI45	VOC_VI45							
VIA	VOC_VIA							
VIC	VOC_VIC							
VJCST	VJCST							
VJLAB	VJLAB							
VLA	VOC_VLA							
VNONE	No reason for historic VOC data.							
VNQ	VNQ							
VO	VOC_VO							
VP	VOC_VP							
VQCBL	VQCBL							
VR5	VOC_VR5							
VR7b	VOC_VR7b							
VS	VOC_SPECTRUM							
VSV1	VOC_VSV1							
VSV1a	VOC_VSV1a							
VSV3b	VOC_VSV3b							
VSV3c	VOC_VSV3c							
VSV4	VOC_VSV4							
VSV5	VOC_VSV5							
VSV7	VOC_VSV7							
VSV7a	VOC_VSV7a							
VU7a	VOC_VU7a							
VUCST	VUCST							

Valid Reason Code Valid Reason Description VUJCS This analyte should be regarded as not detected because the laboratory assigned a U lab qualifier. CST assigned the J qualifier, need hard-copy to determine CST's reason. VUJLA VUJLA VULAB This analyte should be regarded as not detected because the laboratory assigned a U lab qualifier. VULA VULA VULAB This analyte should be regarded as not detected because the laboratory assigned a U lab qualifier. VUP_R VOC: Units and matrix inconsistent. VWQ1 Relative percent difference of the MS/MSD is greater than the acceptance criteria. VWQ10 Calibration Verification %D exceeded 60% VWQ21 The spike percent recovery value is greater than or equal to the upper acceptance limit but and the result is a detect, which indicates a potential high bias in the sample results. VWQ2 The spike percent recovery value is greater than 10% and less than the lower acceptance limit, which indicates a potential low bias in the results. VWQ3 The spike percent recovery value is less than 10% which increases the potential for false negatives being reported. This could be caused by analytical interferences. VWQ4 The spike percent recovery value is less than 10% which increases the potential for false negatives being reported. This could be caused by analytical interferences. VWQ4 T		
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VULAB This analyte should be regarded as not detected because the laboratory assigned a U lab qualifier. VUP_R VOC: Units and matrix inconsistent. VWQ1 Relative percent difference of the MS/MSD is greater than the acceptance criteria. VWQ10 Calibration Verification %D exceeded 60% VWQ11 The LCS recovery was greater than the acceptance criteria VWQ2 The spike percent recovery value is greater than or equal to the upper acceptance limit but and the result is a detect, which indicates a potential high bias in the sample results. VWQ3 The spike percent recovery value is greater than 10% and less than the lower acceptance limit, which indicates a potential low bias in the results. VWQ4 The spike percent recovery value is less than 10% which increases the potential for false negatives being reported. This could be caused by analytical interferences. VWQ5 Non-specified quality control failure - see validation report VWQ6 The sample was improperly preserved. VWQ7 Calibration % RSD was greater than the acceptance criteria but less than 60% VWQ8 Calibration % RSD exceeded 60%	VUJLA	VUJLA
VUP_R VOC: Units and matrix inconsistent. VWQ1 Relative percent difference of the MS/MSD is greater than the acceptance criteria. VWQ10 Calibration Verification %D exceeded 60% VWQ11 The LCS recovery was greater than the acceptance criteria VWQ2 The spike percent recovery value is greater than or equal to the upper acceptance limit but and the result is a detect, which indicates a potential high bias in the sample results. VWQ3 The spike percent recovery value is greater than 10% and less than the lower acceptance limit, which indicates a potential low bias in the results. VWQ4 The spike percent recovery value is less than 10% which increases the potential for false negatives being reported. This could be caused by analytical interferences. VWQ5 Non-specified quality control failure - see validation report VWQ6 The sample was improperly preserved. VWQ7 Calibration % RSD was greater than the acceptance criteria but less than 60% VWQ8 Calibration % RSD exceeded 60%	VULAB	This analyte should be regarded as not detected because the laboratory assigned a U lab qualifier.
VWQ1 Relative percent difference of the MS/MSD is greater than the acceptance criteria. VWQ10 Calibration Verification %D exceeded 60% VWQ11 The LCS recovery was greater than the acceptance criteria VWQ2 The spike percent recovery value is greater than or equal to the upper acceptance limit but and the result is a detect, which indicates a potential high bias in the sample results. VWQ3 The spike percent recovery value is greater than 10% and less than the lower acceptance limit, which indicates a potential low bias in the results. VWQ4 The spike percent recovery value is less than 10% which increases the potential for false negatives being reported. This could be caused by analytical interferences. VWQ5 Non-specified quality control failure - see validation report VWQ6 The sample was improperly preserved. VWQ7 Calibration % RSD was greater than the acceptance criteria but less than 60% VWQ8 Calibration %RSD exceeded 60%	VUP_R	VOC: Units and matrix inconsistent.
VWQ10 Calibration Verification %D exceeded 60% VWQ11 The LCS recovery was greater than the acceptance criteria VWQ2 The spike percent recovery value is greater than or equal to the upper acceptance limit but and the result is a detect, which indicates a potential high bias in the sample results. VWQ3 The spike percent recovery value is greater than 10% and less than the lower acceptance limit, which indicates a potential low bias in the results. VWQ4 The spike percent recovery value is less than 10% which increases the potential for false negatives being reported. This could be caused by analytical interferences. VWQ5 Non-specified quality control failure - see validation report VWQ6 The sample was improperly preserved. VWQ7 Calibration % RSD was greater than the acceptance criteria but less than 60% VWQ8 Calibration % RSD exceeded 60%	VWQ1	Relative percent difference of the MS/MSD is greater than the acceptance criteria.
VWQ11 The LCS recovery was greater than the acceptance criteria VWQ2 The spike percent recovery value is greater than or equal to the upper acceptance limit but and the result is a detect, which indicates a potential high bias in the sample results. VWQ3 The spike percent recovery value is greater than 10% and less than the lower acceptance limit, which indicates a potential low bias in the results. VWQ4 The spike percent recovery value is greater than 10% and less than the lower acceptance limit, which indicates a potential low bias in the results. VWQ4 The spike percent recovery value is less than 10% which increases the potential for false negatives being reported. This could be caused by analytical interferences. VWQ5 Non-specified quality control failure - see validation report VWQ6 The sample was improperly preserved. VWQ7 Calibration % RSD was greater than the acceptance criteria but less than 60% VWQ8 Calibration %RSD exceeded 60%	VWQ10	Calibration Verification %D exceeded 60%
VWQ2The spike percent recovery value is greater than or equal to the upper acceptance limit but and the result is a detect, which indicates a potential high bias in the sample results.VWQ3The spike percent recovery value is greater than 10% and less than the lower acceptance limit, which indicates a potential low bias in the results.VWQ4The spike percent recovery value is less than 10% which increases the potential for false negatives being reported. This could be caused by analytical interferences.VWQ5Non-specified quality control failure - see validation reportVWQ6The sample was improperly preserved.VWQ7Calibration % RSD was greater than the acceptance criteria but less than 60%VWQ8Calibration %RSD exceeded 60%	VWQ11	The LCS recovery was greater than the acceptance criteria
VWQ3 The spike percent recovery value is greater than 10% and less than the lower acceptance limit, which indicates a potential low bias in the results. VWQ4 The spike percent recovery value is less than 10% which increases the potential for false negatives being reported. This could be caused by analytical interferences. VWQ5 Non-specified quality control failure - see validation report VWQ6 The sample was improperly preserved. VWQ7 Calibration % RSD was greater than the acceptance criteria but less than 60% VWQ8 Calibration % RSD exceeded 60%	VWQ2	The spike percent recovery value is greater than or equal to the upper acceptance limit but and the result is a detect, which indicates a potential high bias in the sample results.
VWQ4 The spike percent recovery value is less than 10% which increases the potential for false negatives being reported. This could be caused by analytical interferences. VWQ5 Non-specified quality control failure - see validation report VWQ6 The sample was improperly preserved. VWQ7 Calibration % RSD was greater than the acceptance criteria but less than 60% VWQ8 Calibration % RSD exceeded 60%	VWQ3	The spike percent recovery value is greater than 10% and less than the lower acceptance limit, which indicates a potential low bias in the results.
VWQ5 Non-specified quality control failure - see validation report VWQ6 The sample was improperly preserved. VWQ7 Calibration % RSD was greater than the acceptance criteria but less than 60% VWQ8 Calibration %RSD exceeded 60%	VWQ4	The spike percent recovery value is less than 10% which increases the potential for false negatives being reported. This could be caused by analytical interferences.
VWQ6 The sample was improperly preserved. VWQ7 Calibration % RSD was greater than the acceptance criteria but less than 60% VWQ8 Calibration %RSD exceeded 60%	VWQ5	Non-specified quality control failure - see validation report
VWQ7 Calibration % RSD was greater than the acceptance criteria but less than 60% VWQ8 Calibration %RSD exceeded 60%	VWQ6	The sample was improperly preserved.
VWQ8 Calibration %RSD exceeded 60%	VWQ7	Calibration % RSD was greater than the acceptance criteria but less than 60%
	VWQ8	Calibration %RSD exceeded 60%
VWQ9 Calibration Verification %D was greater than the acceptance criteria but less than 60%	VWQ9	Calibration Verification %D was greater than the acceptance criteria but less than 60%

Table E-1												
	Groundwater Metals											

Zone	Location	Date	Analyte	Field Preparation Code	Field QC Type Code	Symbol	Result	Method Detection Limit	Unit	Lab Code	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Analytical Method Code	EPA PRIM DW STD	Ratio (Result/Scr Level)
Regional Spring	Spring 2	05/07/07	As	F	*	—	9.7	1.5	µg/L	GELC		_		SW-846:6020	10	0.97
Regional Spring	Spring 2	05/07/07	As	UF	—	_	11.6	1.5	µg/L	GELC			—	SW-846:6020	10	1.16
Regional Spring	Spring 4	05/03/07	As	F	FD	Ι	5	1.5	µg/L	GELC	J			SW-846:6020	10	0.5
Regional Spring	Spring 4	05/03/07	As	F	_	_	5.5	1.5	µg/L	GELC	_	_	_	SW-846:6020	10	0.55
Regional Spring	Spring 4	05/03/07	As	UF	FD	_	6.9	1.5	µg/L	GELC	_	_	_	SW-846:6020	10	0.69
Regional Spring	Spring 4	05/03/07	As	UF	—	_	5.5	1.5	µg/L	GELC	_	_	_	SW-846:6020	10	0.55

* — = No data.

						Gro	undw	ater (Orgar	nics								
Zone	Location	Date	Field OC Type Code	Field Preparation Code	Analytical Suite Code	Analyte	Symbol	Result	Method Detection Limit	Unit	Dilution Factor	Lab Oualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Analytical Method Code	Lab Code	EPA TAP SCRN LVL N	Ratio (Result/Scr Level)
Regional Spring	Spring 2	05/07/07	*	UF	VOA	Butanone[2-]	_	2.32	1.25	µg/L	1	J	_	—	SW-846:8260B	GELC	7.06E+03	0
Regional Spring	Spring 3	04/30/07		UF	VOA	Butanone[2-]		3.29	1.25	µg/L	1	J	_	_	SW-846:8260B	GELC	7.06E+03	0
Regional Spring	Spring 4C	05/01/07	_	UF	VOA	Butanone[2-]	_	7.95	1.25	µg/L	1	—	_	_	SW-846:8260B	GELC	7.06E+03	0
Regional Spring	Spring 5	05/01/07	_	UF	VOA	Butanone[2-]	_	6.08	1.25	µg/L	1	—		_	SW-846:8260B	GELC	7.06E+03	0

Table E-2

* — = No data.

Zone	Location	Date	Field QC Type Code	Field Preparation Code	Analytical Method Code	Symbol	Result	Method Detection Limit	Unit	Dilution Factor	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Lab Code
Regional Spring	Spring 2	05/07/07	—	F	SW-846:6850	—	0.163	0.05	µg/L	1	J	—	—	GELC
Regional Spring	Spring 3	04/30/07	—	F	SW-846:6850	—	0.458	0.05	µg/L	1	—	—	—	GELC
Regional Spring	Spring 3A	04/30/07	_	F	SW-846:6850	-	0.437	0.05	µg/L	1	_	_	—	GELC
Regional Spring	Spring 4	05/03/07	_	F	SW-846:6850	_	0.638	0.05	µg/L	1	_	J-	LMS3	GELC
Regional Spring	Spring 4	05/03/07	FD	F	SW-846:6850	_	0.622	0.05	µg/L	1	-	J-	LMS3	GELC
Regional Spring	Spring 4C	05/01/07	_	F	SW-846:6850	_	0.702	0.05	µg/L	1	—	J-	LMS3	GELC
Regional Spring	Spring 4B	05/01/07	_	F	SW-846:6850	_	0.426	0.05	µg/L	1	_	J-	LMS3	GELC
Regional Spring	Spring 4AA	05/02/07	-	F	SW-846:6850	_	0.568	0.05	µg/L	1	-	J-	LMS3	GELC
Regional Spring	Spring 4A	05/02/07	_	F	SW-846:6850	_	0.527	0.05	µg/L	1	_	J-	LMS3	GELC
Regional Spring	Spring 5	05/01/07	—	F	SW-846:6850	—	0.415	0.05	µg/L	1	—	J-	LMS3	GELC
Regional Spring	Ancho Spring	05/02/07	_	F	SW-846:6850	_	0.364	0.05	ua/L	1	_	J-	LMS3	GELC

Table E-3 Groundwater Perchlorate

* — = No data.

E-45

Zone	Location	Date	Field Preparation Code	Field QC Type Code	Symbol	Result	Uncertainty	Minimum Detectable Activity	Unit	Analytical Method Code	Lab Code	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code
Regional Spring	Spring 3	04/30/07	UF	_	_	1.40	0.29	0.28737	pCi/L	Generic:LLEE	UMTL	_	_	
Regional Spring	Spring 3A	04/30/07	UF	-		0.57	0.29	0.28737	pCi/L	Generic:LLEE	UMTL	—	U	R5
Regional Spring	Spring 4	05/03/07	UF	FD		8.46	0.29	0.28737	pCi/L	Generic:LLEE	UMTL	—	—	—
Regional Spring	Spring 4	05/03/07	UF	—		7.41	0.29	0.28737	pCi/L	Generic:LLEE	UMTL	—	—	—
Regional Spring	Spring 4C	05/01/07	UF	—		9.39	0.32	0.28737	pCi/L	Generic:LLEE	UMTL	—	—	—
Regional Spring	Spring 4B	05/01/07	UF	—	_	31.61	0.96	0.28737	pCi/L	Generic:LLEE	UMTL	_	—	—
Regional Spring	Spring 4AA	05/02/07	UF	_		2.20	0.29	0.28737	pCi/L	Generic:LLEE	UMTL	_		_
Regional Spring	Spring 4A	05/02/07	UF	_		0.99	0.29	0.28737	pCi/L	Generic:LLEE	UMTL	_	J	RWQ2
Regional Spring	Spring 5	05/01/07	UF	—		0.19	0.29	0.28737	pCi/L	Generic:LLEE	UMTL	_	U	R5

Table E-4 Groundwater Tritium

* — = No data.

Appendix F

Investigation-Derived Waste Management

F.1-0 INTRODUCTION

This appendix describes the storage and disposal of investigation-derived waste (IDW) generated during this periodic groundwater monitoring event conducted in the White Rock Watershed under the Los Alamos National Laboratory (LANL or the Laboratory) 2006 "Interim Facility-Wide Groundwater Monitoring Plan" (IFGMP) (LANL 2006, 094043). IDW is waste generated as a result of field investigation activities and may include, but is not limited to, contaminated personal protective equipment (PPE), sampling supplies and plastic, fluids from the decontamination of PPE and sampling equipment, and all other wastes potentially contacting contaminants. IDW generated during implementation of the IFGMP is managed to protect human health and the environment, comply with applicable regulatory requirements, and adhere to Laboratory waste minimization goals.

F.2-0 STANDARD OPERATING PROCEDURES

All IDW generated during this periodic monitoring event (PME) is being (or has been) managed in accordance with applicable Environmental Programs–Environment and Remediation Support Services (EP-ERSS) and Environmental Protection Water Quality and Resource Conservation Recovery Group (ENV-RCRA) standard operating procedures (SOPs). These SOPs incorporate the requirements of all applicable U.S. Environmental Protection Agency (EPA) and New Mexico Environment Department (NMED) regulations, U.S. Department of Energy (DOE) orders, and Laboratory implementation requirements (LIRs).

SOPs applicable to the characterization and management of IDW are

- SOP-5022, Revision 2, Management of Environmental Restoration Project Waste and
- SOP-5023, Revision 2, Waste Characterization.

These SOPs are applicable to implementation of the IFGMP and may be found at the following URL: <u>http://erproject.lanl.gov/documents/procedures/sops.html</u>.

The Laboratory's 2006 Los Alamos National Laboratory Hazardous Waste Minimization Report (LANL 2006, 096015) will be implemented during groundwater monitoring to minimize waste generation. This document is updated annually as a requirement of Module VIII of the Laboratory's Hazardous Waste Facility Permit.

One particular document is being implemented during the management of groundwater monitoring IDW:

 White Rock Watershed Groundwater Monitoring Waste Characterization Strategy Form (WCSF), included in the "Periodic Monitoring Report for White Rock Watershed September 11–22, 2006" (LANL 2007, 097342).

F.3-0 IDW STREAMS

The IDW streams associated with groundwater monitoring are identified in Table F-1 and are briefly described below. Table F-1 summarizes the waste type, volumes, characterization methods, methods of on-site management, and disposition path for each of the waste streams. Only the wastes generated during this particular monitoring event are detailed in this Section and in Table F-1.

Spent PPE

The spent PPE waste stream consists of PPE that "contacted" potentially contaminated environmental media (i.e., purge water) and that cannot be decontaminated. The bulk of this waste stream consists of gloves. Spent PPE has been collected together with spent disposable sampling supplies from the same sampling location in containers such as zip-lock baggies and then accumulated in 55-gal. drums at monitoring sites or at a consolidated accumulation area. Characterization of this waste stream is being performed through acceptable knowledge (AK) of the waste materials, the methods of generation, and the levels of contamination observed in the environmental media (e.g., the results of analysis of associated water samples). At present, the spent PPE that has been in contact with nonhazardous, nonradioactive groundwater has been disposed of at a New Mexico solid waste landfill using waste profile form (WPF) 39268, a copy of which was included in Appendix F of the previous periodic monitoring report (PMR) (LANL 2007, 097342). The remaining spent PPE is being managed conservatively and staged in satellite accumulation areas or less-than-90-d areas at each sampling location or at a consolidated accumulation area, pending data review, hazardous waste determinations, and WPF approval.

The Laboratory expects most of these remaining wastes will be designated as nonhazardous waste that will be disposed of at a New Mexico solid waste landfill. If groundwater contains elevated radioactivity, the contact wastes may be designated as low-level radioactive waste and disposed of at Technical Area (TA) 54, Area G. If the Laboratory's Green is Clean program verifies that spent PPE is nonradioactive, the PPE will be disposed at a New Mexico solid waste landfill. If the purge water is determined to be hazardous, the associated PPE wastes will be treated or disposed of at a permitted off-site treatment, storage, or disposal (TSD) facility.

Disposable sampling supplies

The spent disposable sampling supplies waste stream consists of all equipment and materials required to collect samples that directly contact contaminated environmental media (i.e., purge water) and cannot be decontaminated. This waste stream also includes wastes, such as paper items, associated with dry decontamination activities. Spent disposable sampling supplies have been collected together with spent PPE from the same sampling location in containers such as zip-lock baggies and then accumulated in 55-gal. drums at monitoring sites or at a consolidated accumulation area. Characterization of this waste stream is performed through AK of the waste materials, the methods of generation, and the levels of contamination observed in the environmental media (e.g., the results of analysis of associated water samples). At present, the spent disposable sampling supplies that have been in contact with nonhazardous, nonradioactive groundwater have been disposed of at a New Mexico solid waste landfill using WPF 39268, a copy of which was included in Appendix F of the previous PMR (LANL 2007, 097342). At present, the remaining spent disposable sampling supplies are being managed conservatively and staged in satellite accumulation areas or less-than-90-day areas at each sampling location or at a consolidated accumulation area, pending data review, hazardous waste determinations, and WPF approval.

The Laboratory expects most of these remaining wastes will be designated as nonhazardous waste that will be disposed of at a New Mexico solid waste landfill. If groundwater contains elevated radioactivity, the contact wastes may be designated as low-level radioactive waste and disposed of at TA-54, Area G or the Laboratory's Green is Clean program will be used to verify that disposable sampling supplies are nonradioactive and qualify for disposal at a New Mexico solid waste landfill. If the purge water contains hazardous waste, the associated sampling wastes will be treated or disposed of at a permitted off-site TSD facility.

Before the start of field investigation activities, the White Rock Watershed Groundwater Monitoring WCSF was prepared and approved per requirements of SOP-5022. The WCSF provides information on IDW characterization, management, containerization, analytical methods and estimated volumes. IDW characterization will be completed through review of existing data and/or documentation, sampling of the media being investigated (i.e., groundwater), and by direct sampling of the IDW. The approved WCSF was provided in the previous PMR (LANL 2007, 097342) as Attachment F-1.

Immediately following containerization of IDW for storage, each waste container was individually labeled with a unique identification number and with information regarding suspected waste classification, item(s), radioactivity (if applicable), and date generated. The wastes have been contained in clearly marked and appropriately constructed waste accumulation areas. Waste accumulation area postings, regulated storage duration, and inspection requirements are based on the type of IDW and its suspected classification. Container and storage requirements are detailed in the WCSF and approved before waste is generated. The selection of waste containers for transportation is pending final waste determinations and segregation and will be based on appropriate U.S. Department of Transportation requirements, waste types, actual volumes of IDW to be disposed, and transport mechanism.

F.4-0 REFERENCES

The following list includes all documents cited in this appendix. Parenthetical information following each reference provides the author(s), publication date, and ER ID number. This information is also included in text citations. ER ID numbers are assigned by the Environmental Programs Directorate's Records Processing Facility (RPF) and are used to locate the document at the RPF and, where applicable, in the master reference set.

Copies of the master reference set are maintained at the NMED Hazardous Waste Bureau; the U.S. Department of Energy–Los Alamos Site Office; the U.S. Environmental Protection Agency, Region 6; and the Directorate. The set was developed to ensure that the administrative authority has all material needed to review this document, and it is updated with every document submitted to the administrative authority. Documents previously submitted to the administrative authority are not included.

- LANL (Los Alamos National Laboratory), July 2006. "Interim Facility-Wide Groundwater Monitoring Plan, Revision 1.1," Los Alamos National Laboratory document LA-UR-06-4975, Los Alamos, New Mexico. (LANL 2006, 094043)
- LANL (Los Alamos National Laboratory), November 2006. "Los Alamos National Laboratory Hazardous Waste Minimization Report," Los Alamos National Laboratory document LA-UR-06-8175, Los Alamos, New Mexico. (LANL 2006, 096015)
- LANL (Los Alamos National Laboratory), June 2007. "Periodic Monitoring Report for White Rock Watershed, September 11–22, 2006," Los Alamos National Laboratory document LA-UR-07-3474, Los Alamos, New Mexico. (LANL 2007, 097342)

Waste Steam	Waste Type	Volume*	Characterization Method	On-site Management	Disposition Status
Spent PPE and disposable sampling supplies	Nonhazardous, suspect radioactive	<0.05 yd ³ (10 gal.)	Analytical chemistry data from water samples and AK	Zip-lock baggies accumulated in 55-gal. drums	Pending Green is Clean screening, radioactive waste determination, segregation, WPF approval and disposal.

 Table F-1

 Summary of IDW Generation and Management*

*Volumes recorded represent volume generated during this particular sample event.

Appendix G

Analytical Reports (on DVD included with this document)

Request	Suite	Sample	Date	Location
185264	GENINORG	GF070400G3SW01	4/30/2007	Spring 3
185264	GENINORG	GF070400GA3S01	4/30/2007	Spring 3A
185264	GENINORG	GU070400G3SW01	4/30/2007	Spring 3
185264	GENINORG	GU070400GA3S01	4/30/2007	Spring 3A
185264	HEXP	GU070400GA3S01	4/30/2007	Spring 3A
185264	HEXP	GU070400G3SW01	4/30/2007	Spring 3
185264	METALS	GU070400GA3S01	4/30/2007	Spring 3A
185264	METALS	GU070400G3SW01	4/30/2007	Spring 3
185264	METALS	GF070400G3SW01	4/30/2007	Spring 3
185264	METALS	GF070400GA3S01	4/30/2007	Spring 3A
185264	SVOA	GU070400G3SW01	4/30/2007	Spring 3
185264	SVOA	GU070400GA3S01	4/30/2007	Spring 3A
185264	VOA	GU070400G3SW01	4/30/2007	Spring 3
185264	VOA	GU070400G3SW01-FTB	4/30/2007	Spring 3
185264	VOA	GU070400GA3S01	4/30/2007	Spring 3A
185264	VOA	GU070400GA3S01-FTB	4/30/2007	Spring 3A
185322	GENINORG	GU070400G5SW01	5/1/2007	Spring 5
185322	GENINORG	GF070400GC4S01	5/1/2007	Spring 4C
185322	GENINORG	GU070400GC4S01	5/1/2007	Spring 4C
185322	GENINORG	GF070400G5SW01	5/1/2007	Spring 5
185322	GENINORG	GF070400GB4S01	5/1/2007	Spring 4B
185322	GENINORG	GU070400GB4S01	5/1/2007	Spring 4B
185322	HEXP	GU070400G5SW01	5/1/2007	Spring 5
185322	HEXP	GU070400GB4S01	5/1/2007	Spring 4B
185322	HEXP	GU070400GC4S01	5/1/2007	Spring 4C
185322	METALS	GF070400G5SW01	5/1/2007	Spring 5
185322	METALS	GF070400GB4S01	5/1/2007	Spring 4B
185322	METALS	GF070400GC4S01	5/1/2007	Spring 4C
185322	METALS	GU070400G5SW01	5/1/2007	Spring 5
185322	METALS	GU070400GB4S01	5/1/2007	Spring 4B
185322	METALS	GU070400GC4S01	5/1/2007	Spring 4C
185322	SVOA	GU070400G5SW01	5/1/2007	Spring 5
185322	SVOA	GU070400GB4S01	5/1/2007	Spring 4B
185322	SVOA	GU070400GC4S01	5/1/2007	Spring 4C
185322	VOA	GU070400G5SW01	5/1/2007	Spring 5
185322	VOA	GU070400G5SW01-FTB	5/1/2007	Spring 5
185322	VOA	GU070400GB4S01	5/1/2007	Spring 4B
185322	VOA	GU070400GB4S01-FTB	5/1/2007	Spring 4B
185322	VOA	GU070400GC4S01	5/1/2007	Spring 4C

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Request	Suite	Sample	Date	Location
185322	VOA	GU070400GC4S01-FTB	5/1/2007	Spring 4C
185416	GENINORG	GU070400GSAW01	5/2/2007	Ancho Spring
185416	GENINORG	GF070400GA4S01	5/2/2007	Spring 4A
185416	GENINORG	GF070400GAA401	5/2/2007	Spring 4AA
185416	GENINORG	GF070400GSAW01	5/2/2007	Ancho Spring
185416	GENINORG	GU070400GAA401	5/2/2007	Spring 4AA
185416	GENINORG	GU070400GA4S01	5/2/2007	Spring 4A
185416	HEXP	GU070400GA4S01	5/2/2007	Spring 4A
185416	HEXP	GU070400GAA401	5/2/2007	Spring 4AA
185416	HEXP	GU070400GSAW01	5/2/2007	Ancho Spring
185416	METALS	GU070400GA4S01	5/2/2007	Spring 4A
185416	METALS	GU070400GAA401	5/2/2007	Spring 4AA
185416	METALS	GF070400GSAW01	5/2/2007	Ancho Spring
185416	METALS	GF070400GAA401	5/2/2007	Spring 4AA
185416	METALS	GF070400GA4S01	5/2/2007	Spring 4A
185416	METALS	GU070400GSAW01	5/2/2007	Ancho Spring
185416	SVOA	GU070400GSAW01	5/2/2007	Ancho Spring
185416	SVOA	GU070400GA4S01	5/2/2007	Spring 4A
185416	SVOA	GU070400GAA401	5/2/2007	Spring 4AA
185416	VOA	GU070400GAA401-FTB	5/2/2007	Spring 4AA
185416	VOA	GU070400GSAW01-FTB	5/2/2007	Ancho Spring
185416	VOA	GU070400GSAW01	5/2/2007	Ancho Spring
185416	VOA	GU070400GAA401	5/2/2007	Spring 4AA
185416	VOA	GU070400GA4S01	5/2/2007	Spring 4A
185416	VOA	GU070400GA4S01-FTB	5/2/2007	Spring 4A
185526	GENINORG	GF070400G4SW01	5/3/2007	Spring 4
185526	GENINORG	GF070400G4SW20	5/3/2007	Spring 4
185526	GENINORG	GU070400G4SW01	5/3/2007	Spring 4
185526	GENINORG	GU070400G4SW20	5/3/2007	Spring 4
185526	HEXP	GU070400G4SW01	5/3/2007	Spring 4
185526	HEXP	GU070400G4SW20	5/3/2007	Spring 4
185526	METALS	GF070400G4SW01	5/3/2007	Spring 4
185526	METALS	GU070400G4SW20	5/3/2007	Spring 4
185526	METALS	GU070400G4SW01	5/3/2007	Spring 4
185526	METALS	GF070400G4SW20	5/3/2007	Spring 4
185526	SVOA	GU070400G4SW01	5/3/2007	Spring 4
185526	SVOA	GU070400G4SW20	5/3/2007	Spring 4
185526	VOA	GU070400G4SW01	5/3/2007	Spring 4
185526	VOA	GU070400G4SW01-FTB	5/3/2007	Spring 4
185526	VOA	GU070400G4SW20	5/3/2007	Spring 4
185674	GENINORG	GF070400G2SW01	5/7/2007	Spring 2

Request	Suite	Sample	Date	Location
185674	GENINORG	GU070400G2SW01	5/7/2007	Spring 2
185674	HEXP	GU070400G2SW01	5/7/2007	Spring 2
185674	METALS	GU070400G2SW01	5/7/2007	Spring 2
185674	METALS	GF070400G2SW01	5/7/2007	Spring 2
185674	SVOA	GU070400G2SW01	5/7/2007	Spring 2
185674	VOA	GU070400G2SW01-FTB	5/7/2007	Spring 2
185674	VOA	GU070400G2SW01	5/7/2007	Spring 2
2336	RAD	UU070400G3SW01	4/30/2007	Spring 3
2336	RAD	UU070400G5SW01	5/1/2007	Spring 5
2336	RAD	UU070400GA3S01	4/30/2007	Spring 3A
2336	RAD	UU070400GB4S01	5/1/2007	Spring 4B
2336	RAD	UU070400GC4S01	5/1/2007	Spring 4C
2336	RAD	UU070400GSAW01	5/2/2007	Ancho Spring
2337	RAD	UU070400GAA401	5/2/2007	Spring 4AA
2337	RAD	UU070400G4SW01	5/3/2007	Spring 4
2337	RAD	UU070400G4SW20	5/3/2007	Spring 4
2337	RAD	UU070400GA4S01	5/2/2007	Spring 4A