LMS/RFS/S06087

Rocky Flats Site

Quarterly Report of Site Surveillance and Maintenance Activities Third Quarter Calendar Year 2009

January 2010

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U.S. Department of Energy
Office of Legacy Management

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Contents

Abbreviations v
1.0 Introduction 1
2.0 Site Operations and Maintenance 2
2.1 Landfills 2
2.1.1 Present Landfill 2
2.1.1.1 Inspection Results 2
2.1.1.2 Settlement Monuments 3
2.1.2 Original Landfill 3
2.1.2.1 Inspection Results 3
2.1.2.2 Seeps 3
2.1.2.3 Slumps 4
2.1.2.4 Settlement Monuments 4
2.1.2.5 Inclinometers 4
2.2 Groundwater Treatment Systems 7
2.2.1 Mound Site Plume Treatment System 7
2.2.2 East Trenches Plume Treatment System 8
2.2.3 Solar Ponds Plume Treatment System 8
2.2.4 PLF Treatment System 8
2.3 Erosion Control and Revegetation 8
3.0 Environmental Monitoring 9
3.1 Water Monitoring 9
3.1.1 Water Monitoring Highlights 9
3.1.2 POC Monitoring 10
3.1.2.1 Location GS01 10
3.1.2.2 Location GS03 12
3.1.2.3 Location GS08 13
3.1.2.4 Location GS11 15
3.1.2.5 Location GS31 17
3.1.3 POE Monitoring 18
3.1.3.1 Location GS10 18
3.1.3.2 Location SW027 19
3.1.3.3 Location SW093 19
3.1.4 AOC Wells and Surface Water Location SW018 21
3.1.5 Boundary Wells 21
3.1.6 Sentinel Wells 21
3.1.7 Evaluation Wells 21
3.1.8 PLF Monitoring 21
3.1.9 OLF Monitoring 21
3.1.10 Groundwater Treatment System Monitoring 21
3.1.10.1 Mound Site Plume Treatment System 21
3.1.10.2 East Trenches Plume Treatment System 22
3.1.10.3 Solar Ponds Plume Treatment System 22
3.1.10.4 PLF Treatment System 22
3.1.11 Pre-Discharge Monitoring 23
4.0 Adverse Biological Conditions 23
5.0 References 23

Figures

Figure 1. Original Landfill Observed Surface Cracking Location and Inclinometer Locations 5
Figure 2. Volume-Weighted 30-Day Average Pu and Am Activities at GS01: Calendar Year Ending Third Quarter CY 2009 10
Figure 3. Volume-Weighted 30-Day Average Total U Activities at GS01: Calendar Year Ending Third Quarter CY 2009 11
Figure 4. Volume-Weighted 30-Day Average Pu and Am Activities at GS03: Calendar Year Ending Third Quarter CY 2009 12
Figure 5. Volume-Weighted 30-Day Average Total U Activities at GS03: Calendar Year Ending Third Quarter CY 2009 12
Figure 6. Volume-Weighted 12-Month Rolling Average Pu and Am Activities at GS08: Calendar Year Ending Third Quarter CY 2009 13
Figure 7. Volume-Weighted 12-Month Rolling Average Total U Activities at GS08: Calendar Year Ending Third Quarter CY 2009 13
Figure 8. Volume-Weighted 12-Month Rolling Average Nitrate + Nitrite as Nitrogen Concentrations at GS08: Calendar Year Ending Third Quarter CY 2009 14
Figure 9. Volume-Weighted 12-Month Rolling Average Pu and Am Activities at GS11: Calendar Year Ending Third Quarter CY 2009 15
Figure 10. Volume-Weighted 12-Month Rolling Average Total U Activities at GS11: Calendar Year Ending Third Quarter CY 2009 15
Figure 11. Volume-Weighted 12-Month Rolling Average Nitrate + Nitrite as Nitrogen Concentrations at GS11: Calendar Year Ending Third Quarter CY 2009 16
Figure 12. Volume-Weighted 12-Month Rolling Average Pu and Am Activities at GS31: Calendar Year Ending Third Quarter CY 2009 17
Figure 13. Volume-Weighted 12-Month Rolling Average Total U Activities at GS31: Calendar Year Ending Third Quarter CY 2009 17
Figure 14. Volume-Weighted Average Pu and Am Compliance Values at GS10: Calendar Year Ending Third Quarter CY 2009 18
Figure 15. Volume-Weighted Average Total U Compliance Values at GS10: Calendar Year Ending Third Quarter CY 2009 19
Figure 16. Volume-Weighted Average Pu and Am Compliance Values at SW093: Calendar Year Ending Third Quarter CY 2009 20
Figure 17. Volume-Weighted Average Total U Compliance Values at SW093: Calendar Year Ending Third Quarter CY 2009 20

Tables

Table 3−1. PLFTS Effluent (PLFSYSEFF): Summary of Routine Third Quarter CY 2009 Grab-Sampling Analytical Results Exceeding RFLMA Surface Water Standards, July 7, 2009, Sample 22
Table 3−2. PLFTS Effluent (PLFSYSEFF): Summary of Monthly Analytical Results 22

Appendixes

Appendix A Landfill Inspection Forms and Survey Data
Appendix B Analytical Results for Water Samples—Third Quarter CY 2009

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Abbreviations

Am	americium-241
AOC	area of concern
CAD/ROD	Corrective Action Decision/Record of Decision
CDPHE	Colorado Department of Public Health and Environment
COU	Central Operable Unit
CY	calendar year
DOE	U.S. Department of Energy
ETPTS	East Trenches Plume Treatment System
gpm	gallons per minute
GWIS	Groundwater Intercept System
LM	Office of Legacy Management
µg/L	micrograms per liter
mg/L	milligrams per liter
M&M	monitoring and maintenance
mL	milliliters
MSPTS	Mound Site Plume Treatment System
OLF	Original Landfill
pCi/L	picocuries per liter
PLF	Present Landfill
PLFTS	Present Landfill Treatment System
POC	Point of Compliance
POE	Point of Evaluation
Pu	plutonium-239,240
RCRA	Resource Conservation and Recovery Act
RFLMA	*Rocky Flats Legacy Management Agreement*
RFSOG	*Rocky Flats Site Operations Guide*
Site	Rocky Flats Site
SPPTS	Solar Ponds Plume Treatment System
U	uranium
WQCC	Water Quality Control Commission

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1.0 Introduction

The U.S. Department of Energy (DOE) Office of Legacy Management (LM) is responsible for implementing the final response action selected in the Final Corrective Action Decision/Record of Decision (CAD/ROD) (DOE 2006a) issued September 29, 2006, for the Rocky Flats Site (the Site). DOE, the U.S. Environmental Protection Agency, and the Colorado Department of Public Health and Environment (CDPHE) have chosen to implement the monitoring and maintenance requirements of the CAD/ROD as described in the *Rocky Flats Legacy Management Agreement* (RFLMA) (DOE 2007a). Attachment 2 of RFLMA defines the Central Operable Unit (COU) remedy surveillance and maintenance requirements, the frequency for each required activity, and the monitoring and maintenance locations. The requirements include environmental monitoring; maintenance of the erosion controls, access controls (signs), landfill covers, and groundwater treatment systems; and operation of the groundwater treatment systems. RFLMA also requires that the institutional controls, in the form of use restrictions as established in the CAD/ROD, are maintained.

This report is required in accordance with Section 7.0 of Attachment 2 of RFLMA. The purpose of this report is to inform the regulatory agencies and stakeholders of the remedy-related surveillance, monitoring, and maintenance activities being conducted at the Site. LM provides periodic communications through several means, such as this report, Web-based tools, and public meetings.

LM prepared the *Rocky Flats Site Operations Guide* (RFSOG) (DOE 2009a) to serve as the primary internal document to guide work to satisfy the requirements of RFLMA and implement best management practices at the Site.

Several other Site-specific documents provide additional detail regarding the requirements described in Attachment 2 of RFLMA, including all aspects of surveillance, monitoring, and maintenance activities, as well as data evaluation protocols.

A modification to RFLMA Attachment 2, to incorporate several changes since the March 2008 page change modification of RFLMA Attachment 2, was submitted to CDPHE for approval on September 21, 2009. These page changes incorporate the following:

- Changed monitoring locations approved in RFLMA Regulatory Contact Records 2007-07, 2008-04, and 2008-09;
- Changed Original Landfill (OLF) monitoring and inspection criteria based on the *Final Landfill Monitoring and Maintenance Plan, Rocky Flats Environmental Technology Site, Original Landfill* (OLF M&M Plan) (DOE 2006b) modification and the performance of inspections since closure;
- Noted the completion of additional ecological sampling required by RFLMA; and
- Changed surface water standards consistent with revisions promulgated by the Colorado Water Quality Control Commission (WQCC) through August 2009.

Landfill inspection and monitoring tasks follow the format and protocols established in the *Present Landfill Monitoring and Maintenance Plan and Post-Closure Plan* (PLF M&M Plan) (DOE 2008a) and the OLF M&M Plan (DOE 2006b). These plans include detailed information

on monitoring groundwater, surface water, subsidence and consolidation, slope stability, soil cover, vegetation, storm water management structures, and erosion in surrounding features so that maintenance actions can be implemented in a timely manner.

A modification to the 2006 OLF M&M Plan was also submitted to CDPHE for review and approval on September 21, 2009. The modification revises OLF M&M Plan text to recognize the implementation of the remedy under RFLMA. As discussed in the *Quarterly Report of Site Surveillance and Maintenance Activities, Second Quarter Calendar Year 2009* (DOE 2009b), the modification also recaps and reflects changes resulting from the OLF geotechnical investigation.

Pursuant to RFLMA, Section 10, paragraph 66, public notice is required for any modifications of RFLMA attachments. In accordance with the Rocky Flats community-notification and Web-posting protocol, the RFLMA Attachment 2 modification and the OLF modification submittal were posted to the Rocky Flats website for public notification. The final CDPHE-approved modification will also be posted.

Monitoring data and summaries of surveillance and maintenance activities for past quarters are available in the quarterly reports. Extensive discussion and evaluation of surveillance, monitoring, and maintenance activities are presented each calendar year in the annual report of Site surveillance and maintenance activities.

This report addresses remedy-related surveillance, monitoring, and operations and maintenance activities conducted at the Site during the third quarter calendar year (CY) 2009 (July 1 through September 30) and includes:

- Maintenance and inspection of the OLF and Present Landfill (PLF);
- Maintenance and inspection of the four groundwater treatment systems;
- Erosion control and revegetation activities; and
- Routine (in accordance with RFLMA and the RFSOG) water monitoring.

2.0 Site Operations and Maintenance

2.1 Landfills

2.1.1 Present Landfill

The PLF is inspected quarterly in accordance with the requirements of the PLF M&M Plan (DOE 2008a) and RFLMA (DOE 2007a).

2.1.1.1 Inspection Results

The routine PLF inspection for third quarter CY 2009 was performed on August 27, 2009. An evaluation of the landfill cover vegetation was performed on August 19. No significant problems were observed during these inspections. Refer to Appendix A, which provides the landfill inspection forms, for more information.

2.1.1.2 Settlement Monuments

The annual settlement monument surveys were performed on January 9, 2009. Additional information on the settlement monuments is included in the *Quarterly Report of Site Surveillance and Maintenance Activities, First Quarter Calendar Year 2008* (DOE 2008b).

2.1.2 Original Landfill

The OLF is inspected monthly, in accordance with the requirements in the OLF M&M Plan (DOE 2006b) and RFLMA. It was anticipated that after the first year, the inspection frequency might be reduced to quarterly for an additional 4 years. However, because of observed localized slumping and seep areas, and investigation and repairs to the OLF cover that were being planned at the time, no change to the monthly inspection frequency was recommended in the second 5-year review of the Site (DOE 2007b).

2.1.2.1 Inspection Results

Routine OLF inspections during third quarter CY 2009 were performed on July 30, August 26, and September 28, 2009. An evaluation of the landfill cover vegetation was performed on August 20. Refer to the completed inspection forms in Appendix A for additional information.

Note: In the *Quarterly Report of Site Surveillance and Maintenance Activities, Second Quarter Calendar Year 2009* (DOE 2009b), a special inspection of the OLF following a precipitation event of 1.1 inches was erroneously reported to have been completed on March 30, 2009. This was a typographical error, and the special inspection was completed on May 26, 2009.

A new 140-foot-long, narrow, continuous crack that runs along the north and south sides of Berm 1 was noticed during a nonroutine inspection of the OLF on July 22. The crack is located in the same general area as previously documented cracks in Berm 1, as discussed in the quarterly report for second quarter CY 2009 (DOE 2009b), and is roughly in the middle part of the narrow, discontinuous cracking noted in second quarter. The crack had a horizontal displacement (width) of approximately 2 inches and no vertical displacement. The depth of the crack was approximately 4 to 6 inches in most places. The crack was filled with Rocky Flats Alluvium and compacted on July 22 to prevent water from infiltrating the subsurface, which could potentially cause further movement. Several subsequent inspections have been completed since the crack was repaired, and no further movement has been observed.

As discussed in the quarterly report for second quarter CY 2009 (DOE 2009b), this cracking is consistent with evidence of localized movement being observed at several of the inclinometers installed south of Berm 1 as part of the 2008 geotechnical investigation. Refer to the discussion of the results of the inclinometer monitoring in Section 2.1.2.5 for additional information regarding slope stability monitoring. Figure 1 shows the general location of the crack and the locations of the inclinometers for reference.

2.1.2.2 Seeps

Seeps at the OLF were evaluated during the monthly inspections as well as during unscheduled visits. Seep 4 showed areas of saturation during third quarter CY 2009 but had no surface flow.

Seep 8 showed areas of active groundwater seepage at a rate of approximately 1 to 2 gallons per minute (gpm) throughout the third quarter. The rock drain located at the base of the West Perimeter Channel, which channels water from the channel seep, only flowed for short periods following precipitation events. Other smaller seeps showed areas of wetness only temporarily after precipitation events. None produced any new surface flow.

Seep 7 showed a surface flow of approximately 0.1 gpm during the July inspection. The area was dry during subsequent inspections following the adjustment completed on the drain extension. The following section provides information on the Seep 7 drain extension adjustment.

Seep 7 Drain Extension

As discussed in the quarterly report for second quarter CY 2009 (DOE 2009b), the planned adjustment to the eastern edge of the Seep 7 drain extension was completed this quarter. The adjustment involved hand-excavation and opening the geotextile fabric to make the area porous to water along the eastern edge of the drain. Hand-excavation to a depth of approximately 1.5 feet to expose two approximately 5-foot lengths along the drain edge was conducted to access the geotextile fabric. The fabric was cut open, the opening was covered with permanent erosion matting and crushed rock, and the excavated soil was replaced.

The work was performed on July 23 and August 19, 2009. After completion, the area was observed over the rest of the third quarter, and no further surface expression of Seep 7 in this localized area was noted.

2.1.2.3 Slumps

As discussed in the quarterly report for second quarter CY 2009, areas where the landfill cover is pushed up or rolling are noticeable on the western end of the OLF between Berms 2 and 3. Inspections do not show any surface cracks at this time. Refer to the discussion on the results of the inclinometer monitoring below for additional information regarding slope stability monitoring.

2.1.2.4 Settlement Monuments

The OLF settlement monuments were surveyed on September 30, 2009. Preliminary survey data indicate that settling at each monument does not exceed the limits published in the OLF M&M Plan (DOE 2006b). Refer to the survey results in Appendix A for additional information.

2.1.2.5 Inclinometers

As discussed in the quarterly report for second quarter CY 2009, seven inclinometers were installed in boreholes at the OLF in 2008 as part of the geotechnical investigation (see Figure 1).

Movement of the inclinometers has been monitored approximately monthly since installation. Inclinometers deflect based on lateral movement of the ground in which the inclinometer is

Figure 1. Original Landfill Observed Surface Cracking Location and Inclinometer Locations

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located, and can deflect enough to cause the inclinometer tube to break. Once an inclinometer tube breaks, it will no longer be monitored. Inclinometer monitoring data provide information on localized soil movement and serve to focus periodic inspections of the soil cover surface for signs of potential instability, such as cracking, vertical displacement, and slumping. A deflection of more than 1 inch is used as a trigger for evaluation of the data by a qualified geotechnical engineer. The engineer determines the significance of the deflection in relation to recommendations for maintenance or repairs to address potential instability in accordance with the OLF M&M Plan (DOE 2006b). A modification to the OLF M&M Plan to revise the text as appropriate to recognize the implementation of the remedy under RFLMA and the completion of the geotechnical investigation work was discussed in the quarterly report for second quarter CY 2009 (DOE 2009b). The modification was submitted for CDPHE review and approval on September 21, 2009.

Inclinometer measurements were taken on July 22, August 18, and September 28, 2009. Very little deflection of the inclinometers was noted. This indicates that the localized movement associated with the area of the three inclinometers on the west side of the OLF, between diversion Berms 1 and 3 (inclinometers 82208I, 82308I, and 82408I), which showed approximately 1.5 to 2.25 inches deflection last quarter, did not continue this quarter.

The deflection appears consistent with the findings of the geotechnical investigation that there is an organic layer near the bedrock surface that is a weak zone for the overlying soil, especially if it becomes lubricated by subsurface moisture. Seeps 4 and 7 also showed significant moisture and had surface expressions during this period as well. As described in Contact Record 2008-07, the West Perimeter Channel was regraded and a channel drain was added in 2008 to improve the stability of the western side of the OLF cover. A qualified geotechnical engineer is evaluating the inclinometer data, and results of subsequent monitoring will be reported in quarterly and annual reports.

2.2 Groundwater Treatment Systems

Four groundwater treatment systems are operated and maintained in accordance with requirements defined in RFLMA and the RFSOG. Three of these systems (the Mound Site Plume Treatment System [MSPTS], East Trenches Plume Treatment System [ETPTS], and Solar Ponds Plume Treatment System [SPPTS]) include a groundwater intercept trench (collection trench), which is similar to a French drain with an impermeable membrane on the downgradient side. Groundwater entering the trench is routed through a drain pipe into one or more treatment cells, where it is treated and then discharged. The fourth system, the PLF Treatment System (PLFTS), treats water from the northern and southern components of the Groundwater Intercept System (GWIS) and flow from the PLF seep.

2.2.1 Mound Site Plume Treatment System

Routine maintenance activities continued at the MSPTS through third quarter CY 2009. These activities included raking the media each week, checking and flushing filters, and inspecting influent and effluent flow conditions.

2.2.2 East Trenches Plume Treatment System

Routine maintenance activities continued at the ETPTS for the first two months of the third quarter CY 2009. These activities included raking the media each week, checking and flushing filters, and inspecting influent and effluent flow conditions. In the final month of the quarter, plans were finalized and work began on replacing the treatment media and installing plumbing upgrades. This included sampling the spent media for waste characterization purposes. Work to replace the media and upgrade the plumbing was underway as the third quarter ended and will be reported in the annual report for CY 2009.

2.2.3 Solar Ponds Plume Treatment System

Routine maintenance activities continued at the SPPTS through third quarter CY 2009. These activities included weekly inspections of the solar/battery systems that power the pumps, operation of the pumps, and influent and effluent flow conditions.

The Phases II and III upgrades that were completed in second quarter CY 2009 were a focal point for optimization efforts. On July 4, excessive settling of a water storage sump, installed to help reduce fluctuations in flow rates, caused the system to automatically shut down. Over the next several weeks, the sump was removed, the plumbing was reconfigured to operate without the sump (using excess storage available in the Phase II cell), and the system was restored to operation on August 6. Optimization efforts (such as adjusting carbon dosing rates and influent flow rates) continued for the balance of the quarter.

The 2009 annual report will provide a complete description of upgrades and related activities completed through the year.

2.2.4 PLF Treatment System

Routine maintenance activities continued at the PLFTS through third quarter CY 2009. These activities generally consisted of inspecting the system for any issues or potential problems.

2.3 Erosion Control and Revegetation

Maintenance of the Site erosion control features required continued effort throughout second quarter CY 2009, especially following high-wind or precipitation events. Repairs were made to erosion wattles and matting loosened and displaced by high winds or rain. Erosion controls were installed and maintained for the various projects that were ongoing during second quarter. Several areas were interseeded with additional native species to increase vegetation cover.

3.0 Environmental Monitoring

This section provides a summary of the environmental monitoring that was conducted in accordance with RFLMA.

3.1 Water Monitoring

This quarterly report presents data collected during third quarter CY 2009. This section includes:

- A discussion of analytical results for the Point of Compliance (POC), Point of Evaluation (POE), PLF, and OLF monitoring objectives; and
- A summary of Area of Concern (AOC) well, Boundary well, Evaluation well, and Sentinel well monitoring; treatment system monitoring; and Resource Conservation and Recovery Act (RCRA) groundwater monitoring and surface water support monitoring at the Site.

Monitoring locations, sampling criteria, and evaluation protocols for all water monitoring objectives in the following sections are detailed in Attachment 2 of RFLMA and the RFSOG. Analytical water quality data for third quarter CY 2009 are provided in Appendix B.

3.1.1 Water Monitoring Highlights

During the third quarter CY 2009, the water monitoring network successfully met the targeted monitoring objectives as required by RFLMA and in conformance with the RFSOG implementation guidance. The network consisted of 11 automated gaging stations, 10 surface water grab-sampling locations, 8 treatment system locations, 99 wells, and 8 precipitation gages. During the quarter, 11 flow-paced composite samples, 2 surface water grab samples, 8 treatment system samples, and 10 groundwater samples were collected.[1]

All water-quality data at the RFLMA POCs remained well below the applicable standards through third quarter CY 2009. **Note:** The WQCC revised the uranium standard from an activity concentration standard (picocuries per liter) to a mass concentration standard (micrograms per liter) effective the beginning of this quarter. The WQCC proceedings regarding the revised uranium standard are discussed in the 2008 Annual Report (DOE 2009c).

As of April 2009, reportable 12-month rolling average total U concentrations were no longer observed in surface water at RFLMA POE monitoring station GS10, which is located in South Walnut Creek upstream of Pond B-1 in the Walnut Creek Basin. This improvement in U water quality at GS10 was caused by higher-than-normal surface runoff quantities reaching the creek. This increased runoff effectively decreased the relative proportion of groundwater (a source of naturally occurring U) in the sampled streamflow at GS10. Additional information can be found in the specific GS10 section below.

All other POE analyte concentrations remained below reporting levels as of the end of third quarter CY 2009. Erosion and runoff controls, as well as extensive revegetation efforts, have been effective in measurably reducing both sediment transport and constituent concentrations. As

[1] Composite samples consist of multiple aliquots ("grabs") of identical volume. Each grab is delivered by the automatic sampler to the composite container at each predetermined flow volume or time interval. During third quarter CY 2009, the 11 flow-paced composites comprised 566 individual grabs.

of the end of third quarter CY 2009, all of the POEs continued to show Pu-239,240 and Am-241 activities well below the RFLMA standards. With the removal of impervious areas resulting in decreased runoff, the stabilization of soils within the drainages, and the progression of revegetation, acceptable water quality is expected to continue.

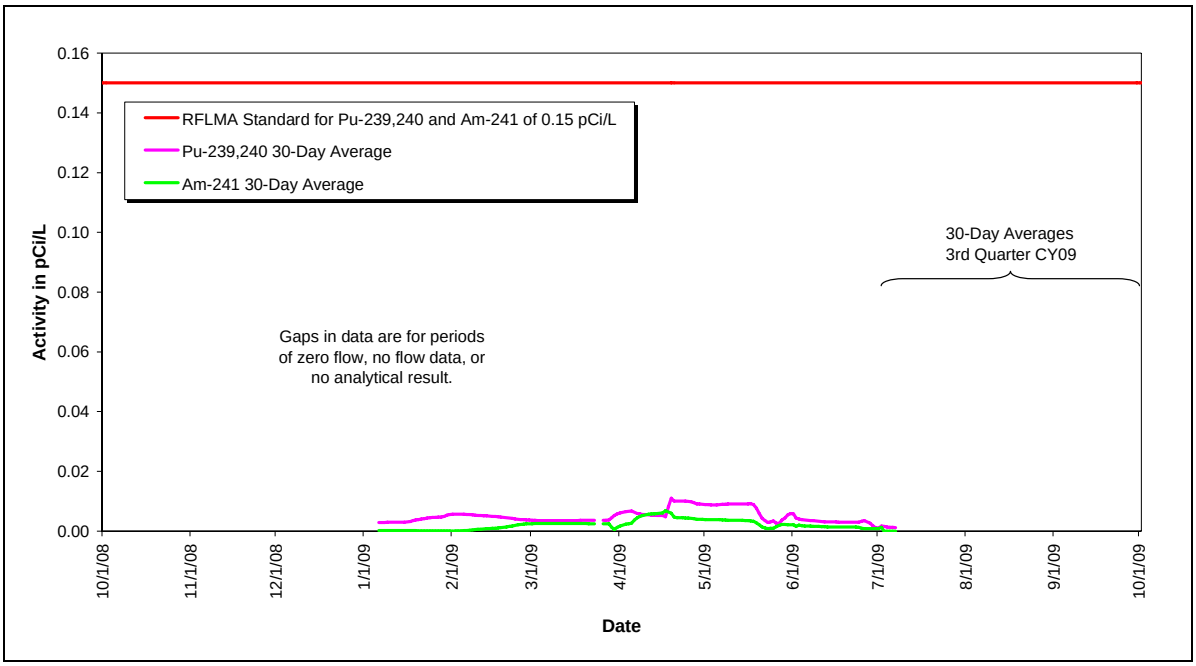
Groundwater monitoring results will be evaluated as part of the 2009 Annual Report.

3.1.2 POC Monitoring

The following sections include summary tables and plots showing the applicable 30-day and 12-month rolling averages for the POC analytes.

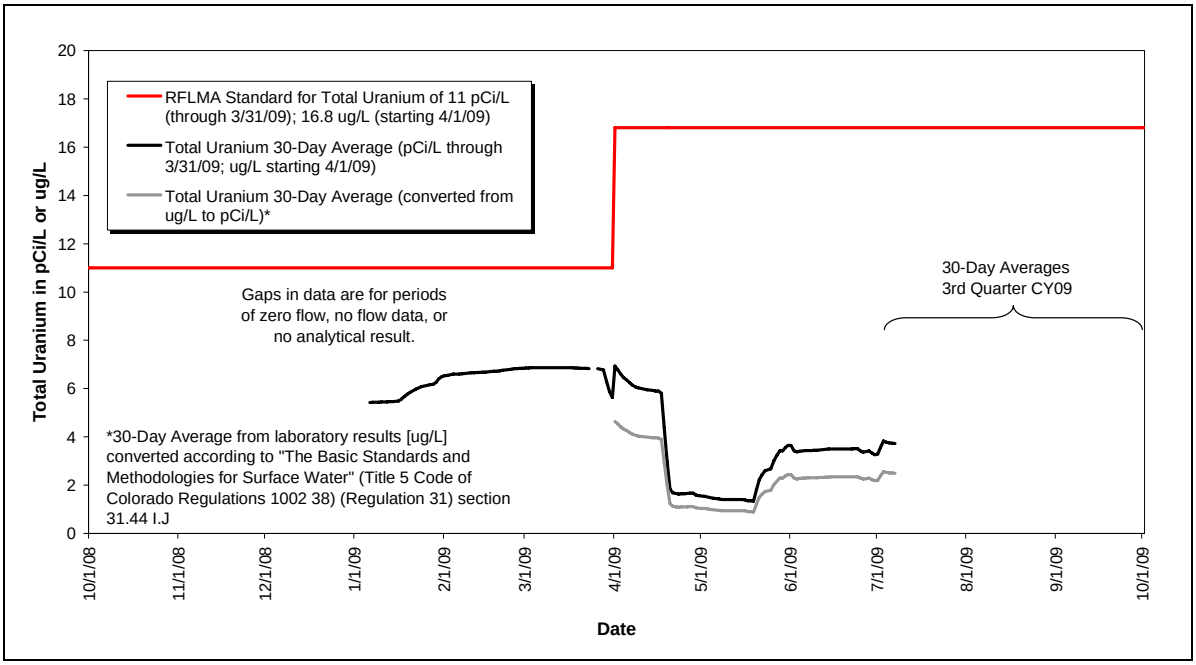
3.1.2.1 Location GS01

Monitoring location GS01 is located on Woman Creek at Indiana Street. Figure 2 and Figure 3 show no occurrences of reportable 30-day averages for the quarter.



pCi/L = picocuries per liter

Figure 2. Volume-Weighted 30-Day Average Pu and Am Activities at GS01: Calendar Year Ending Third Quarter CY 2009

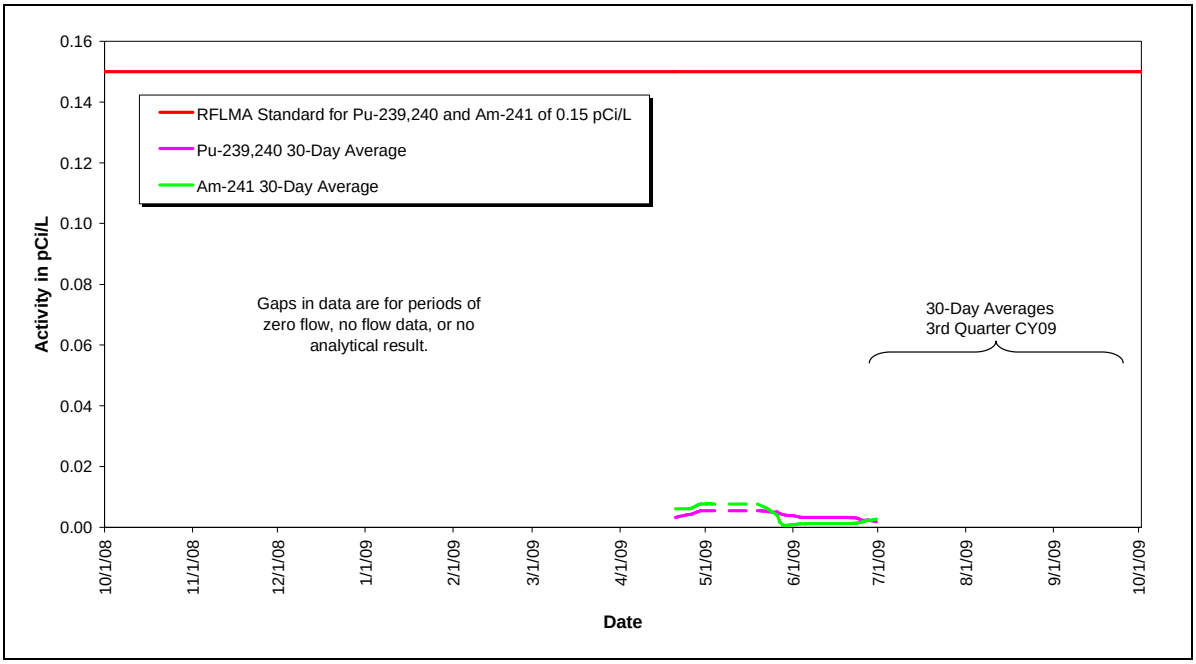


pCi/L = picocuries per liter, µg/L = micrograms per liter

Figure 3. Volume-Weighted 30-Day Average Total U Activities at GS01: Calendar Year Ending Third Quarter CY 2009

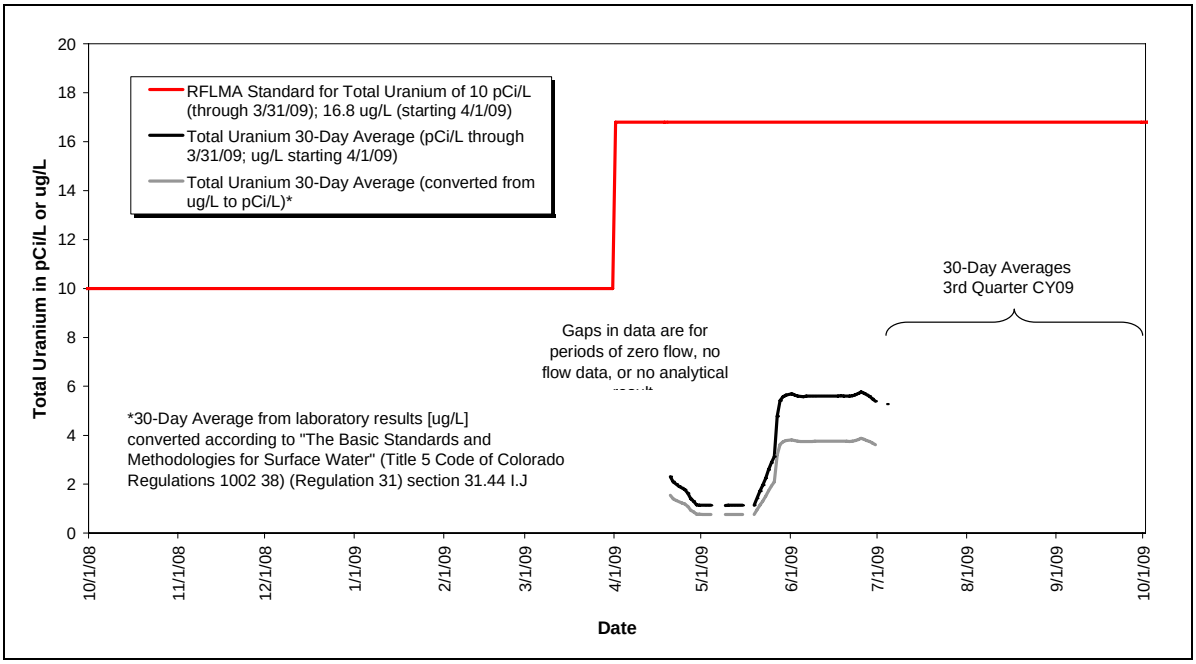
3.1.2.2 Location GS03

Monitoring location GS03 is located on Walnut Creek at Indiana Street. Figure 4 and Figure 5 show no occurrences of reportable 30-day averages for the quarter.



pCi/L = picocuries per liter

Figure 4. Volume-Weighted 30-Day Average Pu and Am Activities at GS03: Calendar Year Ending Third Quarter CY 2009

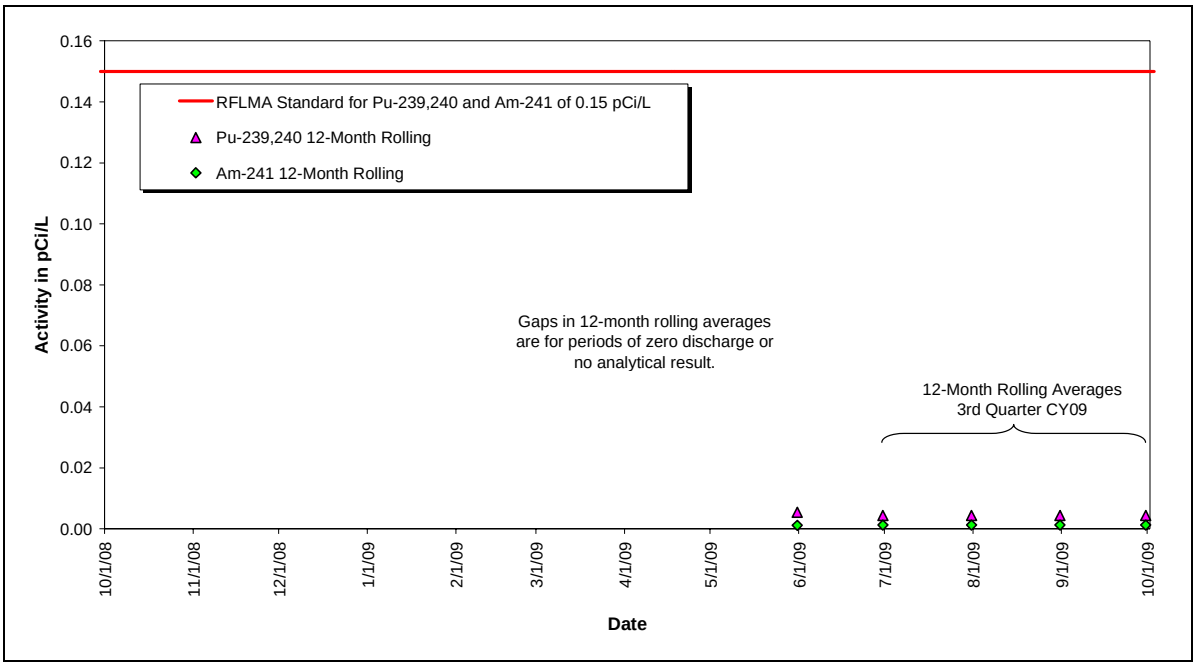


pCi/L = picocuries per liter, µg/L = micrograms per liter

Figure 5. Volume-Weighted 30-Day Average Total U Activities at GS03: Calendar Year Ending Third Quarter CY 2009

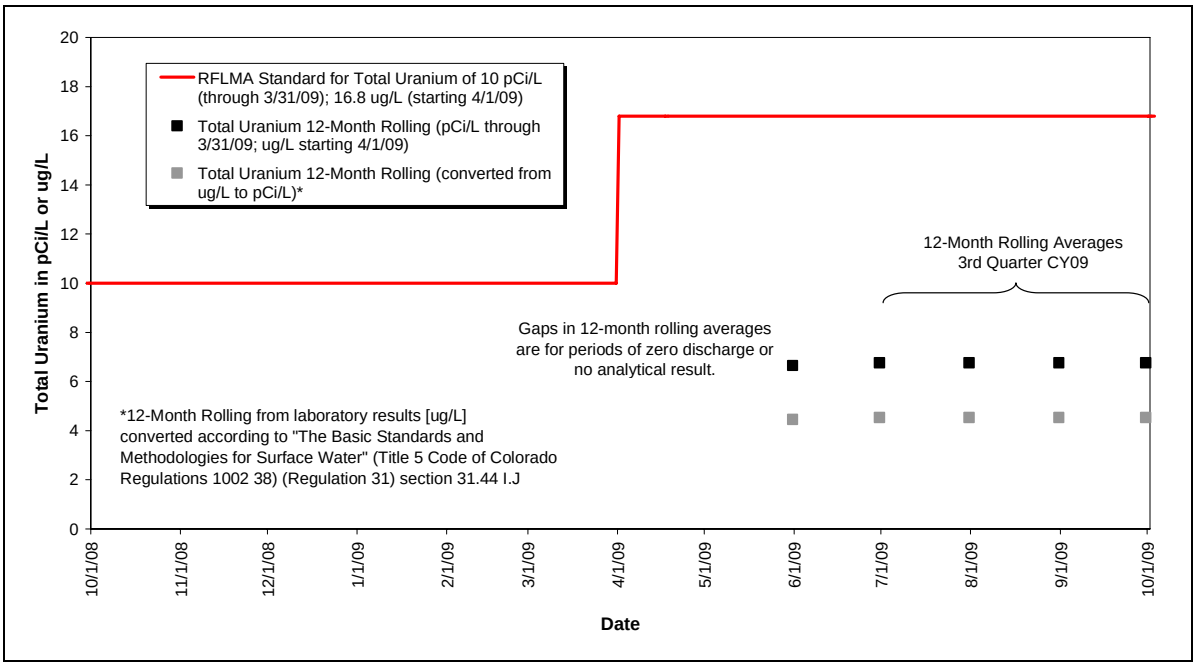
3.1.2.3 Location GS08

Monitoring location GS08 is located on South Walnut Creek at the outlet of Pond B-5. Figure 6, Figure 7, and Figure 8 show no occurrences of reportable 12-month rolling averages for the quarter.



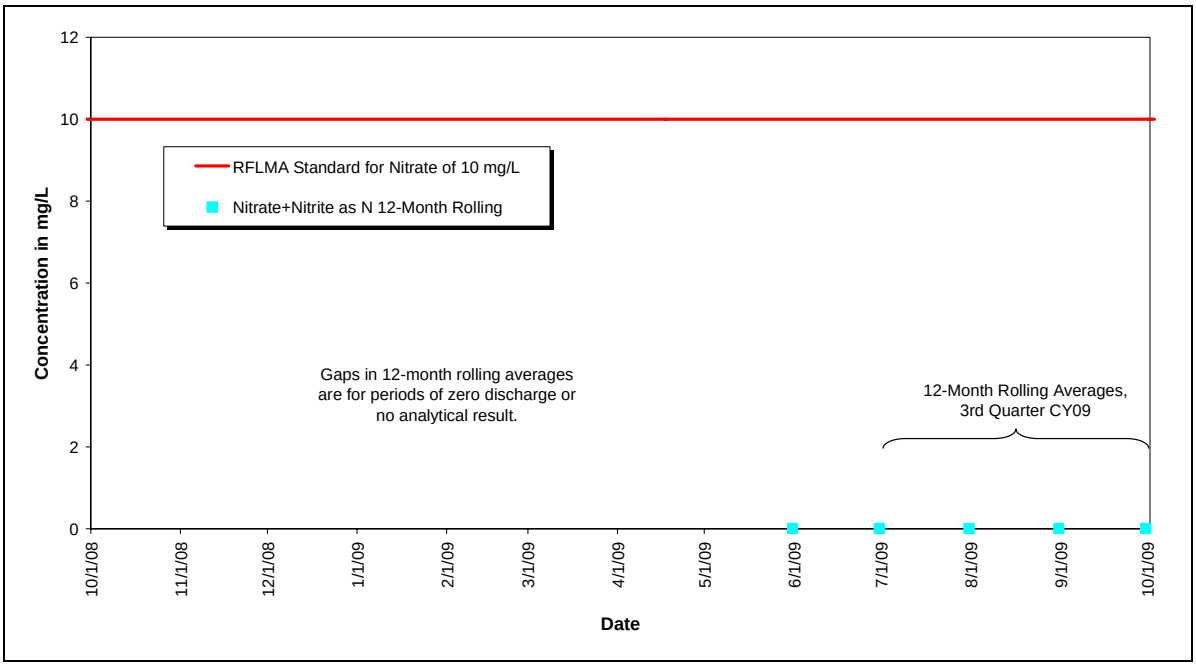
pCi/L = picocuries per liter

Figure 6. Volume-Weighted 12-Month Rolling Average Pu and Am Activities at GS08: Calendar Year Ending Third Quarter CY 2009



pCi/L = picocuries per liter, µg/L = micrograms per liter

Figure 7. Volume-Weighted 12-Month Rolling Average Total U Activities at GS08: Calendar Year Ending Third Quarter CY 2009

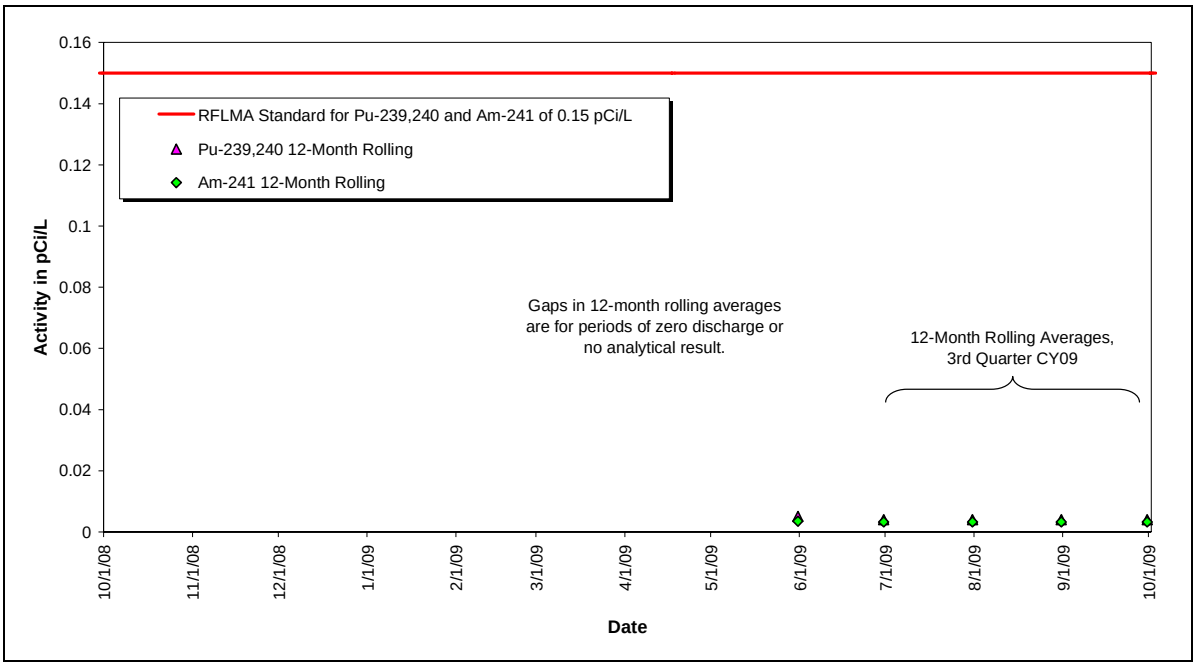


Note: Nitrate + nitrite as nitrogen 12-month averages are conservatively compared to the nitrate standard only.
mg/L = milligrams per liter

Figure 8. Volume-Weighted 12-Month Rolling Average Nitrate + Nitrite as Nitrogen Concentrations at GS08: Calendar Year Ending Third Quarter CY 2009

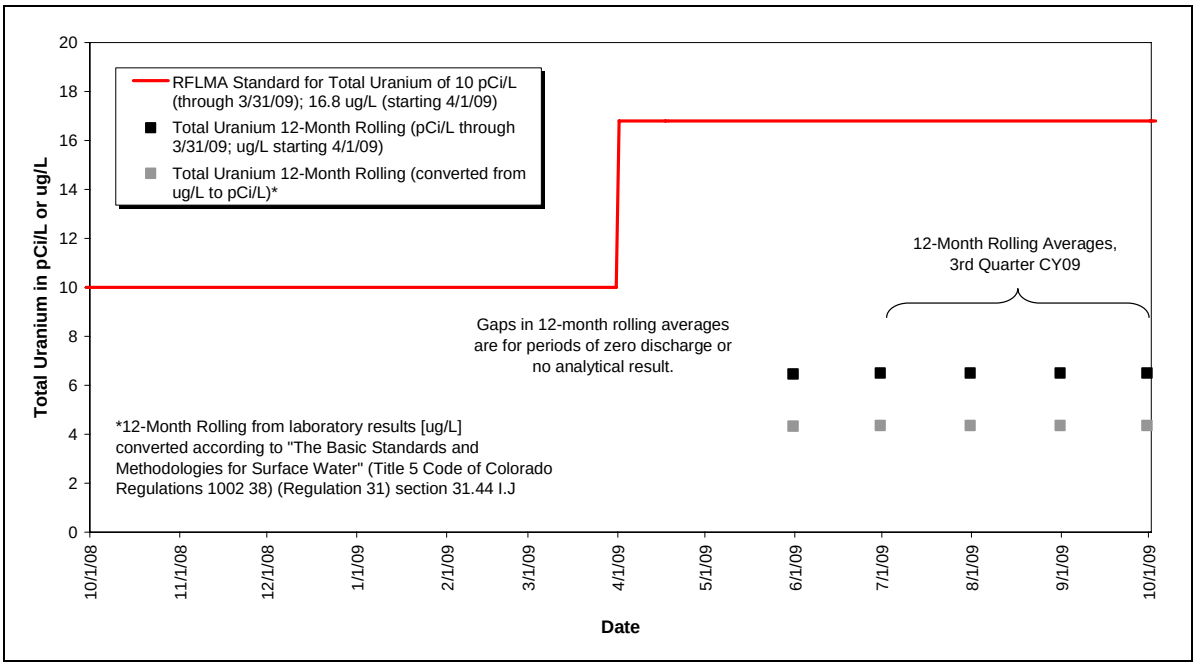
3.1.2.4 Location GS11

Monitoring location GS11 is located on North Walnut Creek at the outlet of Pond A-4. Figure 9, Figure 10, and Figure 11 show no occurrences of reportable 12-month rolling averages for the quarter.



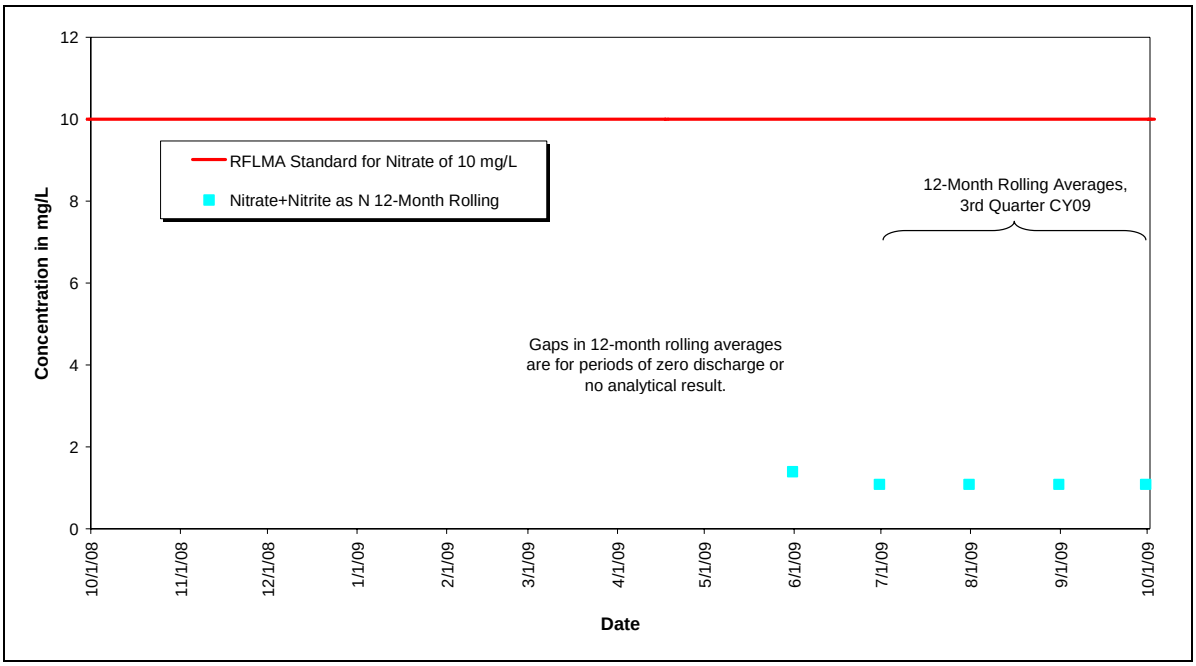
pCi/L = picocuries per liter

Figure 9. Volume-Weighted 12-Month Rolling Average Pu and Am Activities at GS11: Calendar Year Ending Third Quarter CY 2009



pCi/L = picocuries per liter, µg/L = micrograms per liter

Figure 10. Volume-Weighted 12-Month Rolling Average Total U Activities at GS11: Calendar Year Ending Third Quarter CY 2009

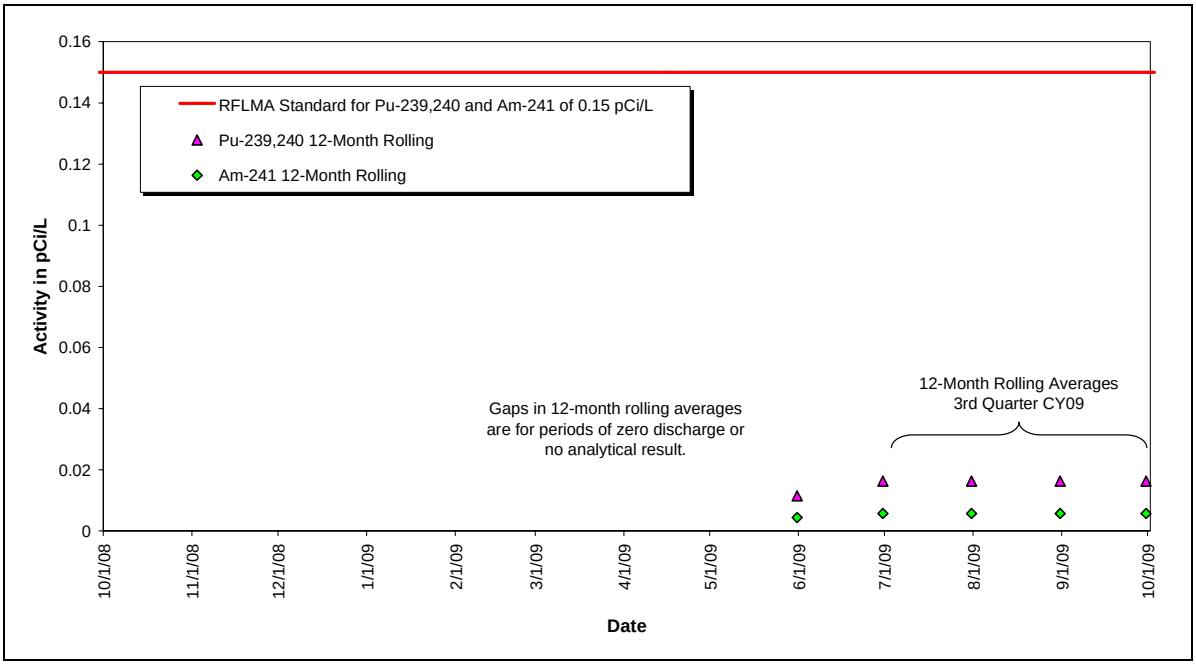


Note: Nitrate + nitrite as nitrogen 12-month averages are conservatively compared to the nitrate standard only.
mg/L = milligrams per liter

Figure 11. Volume-Weighted 12-Month Rolling Average Nitrate + Nitrite as Nitrogen Concentrations at GS11: Calendar Year Ending Third Quarter CY 2009

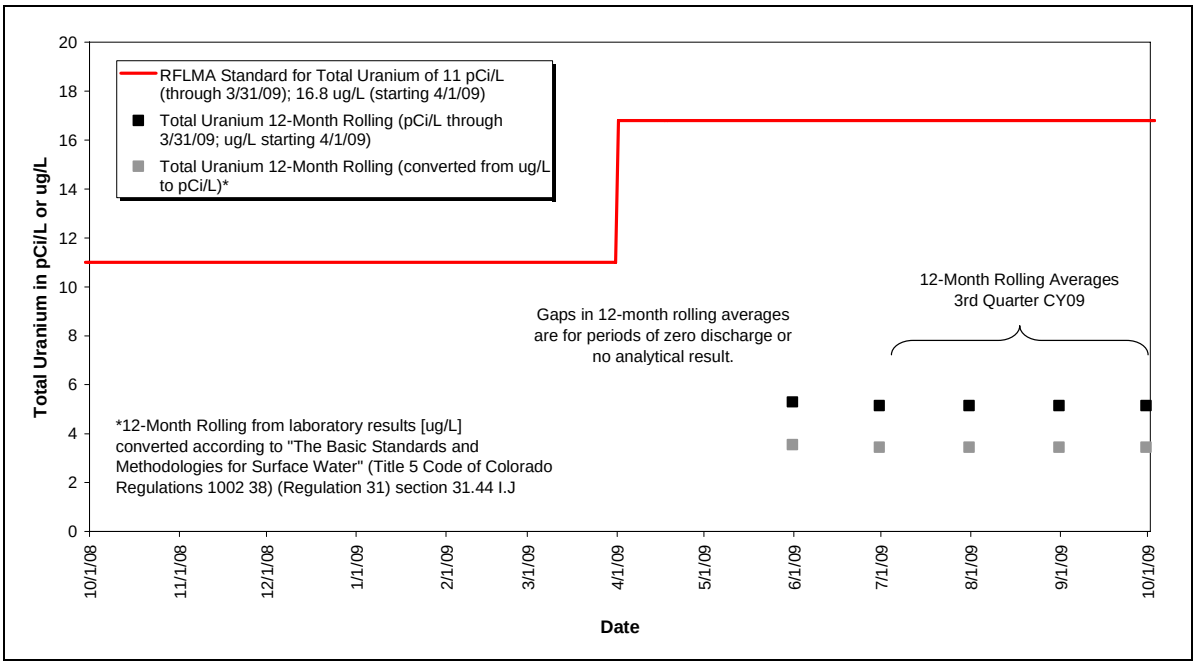
3.1.2.5 Location GS31

Monitoring location GS31 is located on Woman Creek at the outlet of Pond C-2. Figure 12 and Figure 13 show no occurrences of reportable 12-month rolling averages for the quarter.



pCi/L = picocuries per liter

Figure 12. Volume-Weighted 12-Month Rolling Average Pu and Am Activities at GS31: Calendar Year Ending Third Quarter CY 2009



pCi/L = picocuries per liter, µg/L = micrograms per liter

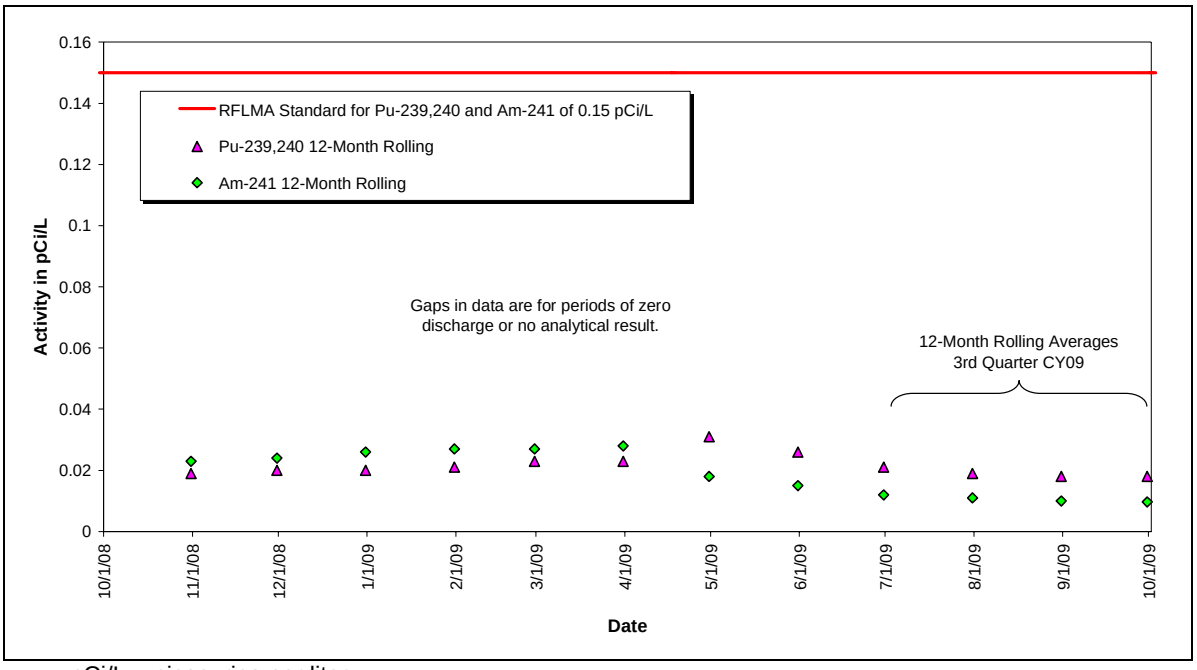
Figure 13. Volume-Weighted 12-Month Rolling Average Total U Activities at GS31: Calendar Year Ending Third Quarter CY 2009

3.1.3 POE Monitoring

The following sections include summary tables and plots showing the applicable 30-day and 12-month rolling averages for the POE analytes.

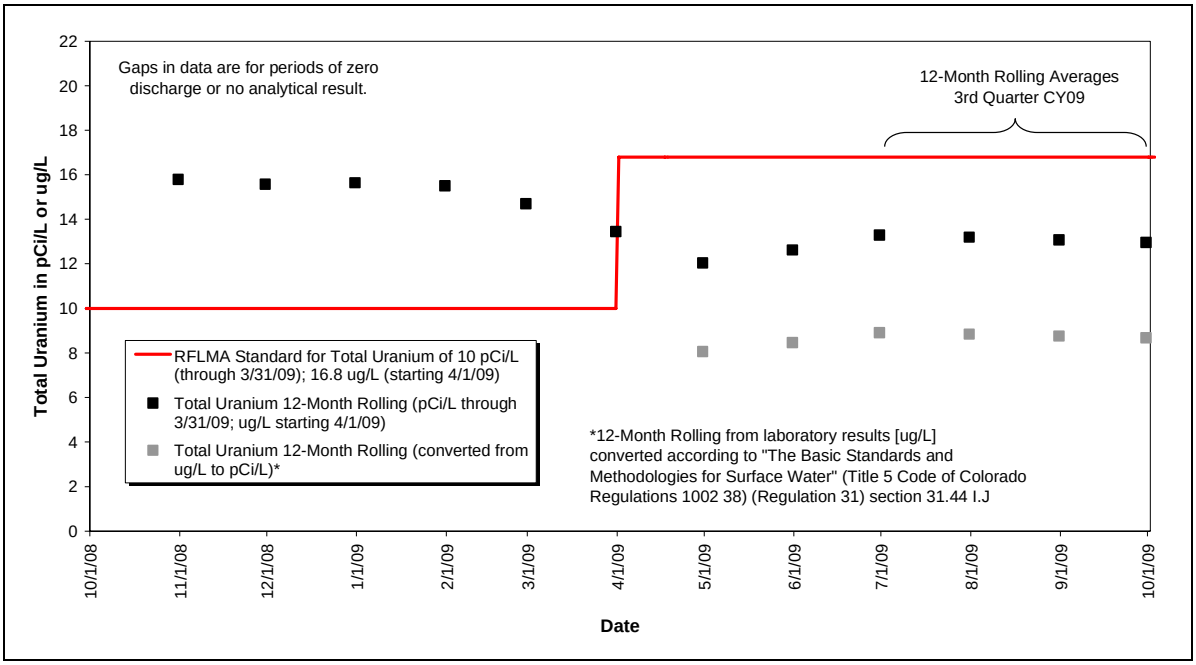
3.1.3.1 Location GS10

Monitoring location GS10 is located on South Walnut Creek just upstream of the B-Series ponds. Figure 14 and Figure 15 show no reportable Pu, Am, or total U values during the quarter. In addition, none of the 85th percentile 30-day average metals concentrations were reportable for the quarter.



pCi/L = picocuries per liter

Figure 14. Volume-Weighted Average Pu and Am Compliance Values at GS10: Calendar Year Ending Third Quarter CY 2009



pCi/L = picocuries per liter, µg/L = micrograms per liter

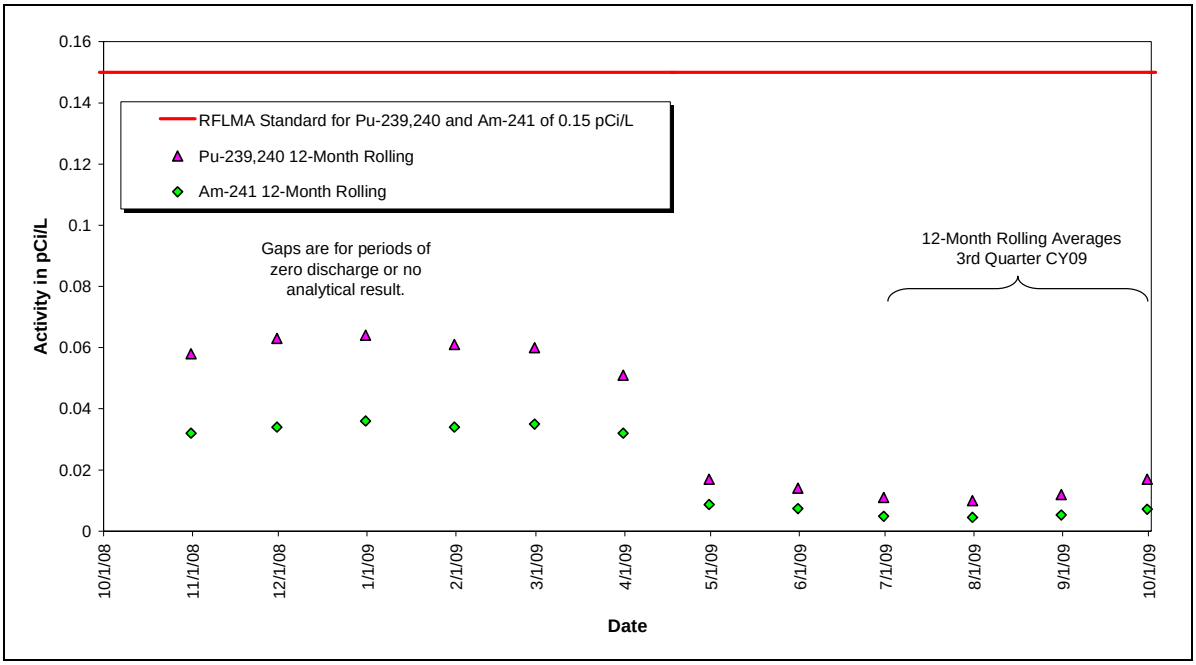
Figure 15. Volume-Weighted Average Total U Compliance Values at GS10: Calendar Year Ending Third Quarter CY 2009

3.1.3.2 Location SW027

Monitoring location SW027 is located at the end of the South Interceptor Ditch at the inlet to Pond C-2. There was no flow at SW027 for the entire period from July 1, 2008, through April 17, 2009. Flow began on April 18, 2009, and composite samples were collected as planned. However, the latest composite sample, started on April 24 and still in progress as of December 29, 2009, currently does not contain a sufficient quantity for analysis (SW027 has been mostly dry since April 30, 2009). Since results from the April 24 sample are not available, the April 2009 compliance values (and subsequent end-of-month compliance values through the current quarter) cannot be calculated at this time. Therefore, no compliance values are calculated and no plots are presented.

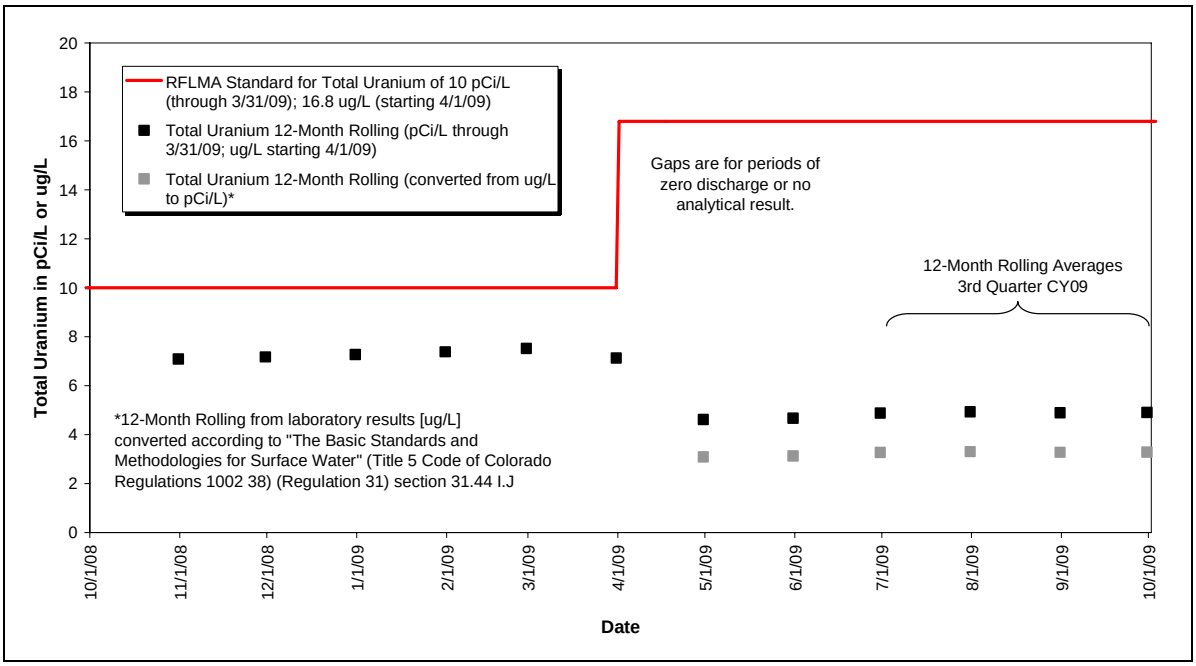
3.1.3.3 Location SW093

Monitoring location SW093 is located on North Walnut Creek 1,300 feet upstream of the A-Series ponds. Figure 16 and Figure 17 show no reportable Pu, Am, or total U values during the quarter. None of the 85th percentile 30-day average metals concentrations were reportable for the quarter.



pCi/L = picocuries per liter

Figure 16. Volume-Weighted Average Pu and Am Compliance Values at SW093: Calendar Year Ending Third Quarter CY 2009



pCi/L = picocuries per liter, µg/L = micrograms per liter

Figure 17. Volume-Weighted Average Total U Compliance Values at SW093: Calendar Year Ending Third Quarter CY 2009

3.1.4 AOC Wells and Surface Water Location SW018

AOC wells and SW018 were not scheduled for RFLMA monitoring in third quarter CY 2009.

3.1.5 Boundary Wells

Boundary wells were not scheduled for RFLMA monitoring in third quarter CY 2009.

3.1.6 Sentinel Wells

Sentinel wells were not scheduled for RFLMA monitoring in third quarter CY 2009.

3.1.7 Evaluation Wells

Evaluation wells were not scheduled for RFLMA monitoring in third quarter CY 2009.

3.1.8 PLF Monitoring

All RCRA groundwater monitoring wells at the PLF were sampled during third quarter CY 2009. Analytical results (Appendix B) will be discussed and statistically evaluated as part of the 2009 Annual Report. Surface water monitoring at the PLF is discussed in Section 3.1.10.4.

3.1.9 OLF Monitoring

All RCRA groundwater monitoring wells at the OLF were sampled during third quarter CY 2009. Analytical results (Appendix B) will be discussed and statistically evaluated as part of the 2009 Annual Report.

During third quarter CY 2009, when routine surface water sampling was performed at Woman Creek downstream of the OLF (GS59), all available analytical results were less than the applicable surface water standards. (Results from composite samples for the period September 22 through November 17, 2009, were not available for this report.)

3.1.10 Groundwater Treatment System Monitoring

As described in Section 2.2, contaminated groundwater is intercepted and treated in four areas of the Site. The MSPTS, ETPTS, and SPPTS include a groundwater intercept trench. Groundwater entering the trench is routed through a drain pipe into one or more treatment cells, where it is treated and then discharged to surface water. The PLFTS treats water from the northern and southern components of the GWIS and flow from the PLF seep.

3.1.10.1 Mound Site Plume Treatment System

MSPTS monitoring locations were not scheduled for RFLMA sampling in third quarter CY 2009.

3.1.10.2 East Trenches Plume Treatment System

ETPTS monitoring locations were not scheduled for RFLMA sampling in third quarter CY 2009.

3.1.10.3 Solar Ponds Plume Treatment System

SPPTS monitoring locations were not scheduled for RFLMA sampling in third quarter CY 2009. Non-RFLMA samples were collected at several locations to support continuing evaluation and optimization of the Phase II and Phase III upgrades. These data will be discussed in the 2009 Annual Report.

3.1.10.4 PLF Treatment System

During collection of the July 7, 2009, sample at the system influent (location PLFSEEPINF), the flow rate was 1.14 gpm. As of September 30, 2009, the Landfill Pond outlet remained in an open configuration.

During third quarter CY 2009, routine sampling of the treated effluent exiting the system (location PLFSYSEFF) showed that vinyl chloride concentrations were greater than the applicable surface water standard (Table 3−1). All other third quarter CY 2009 data were below applicable surface water standards.

Table 3−1. PLFTS Effluent (PLFSYSEFF): Summary of Routine Third Quarter CY 2009 Grab-Sampling Analytical Results Exceeding RFLMA Surface Water Standards, July 7, 2009, Sample

Analyte	Result	Unit	RFLMA Standard	Basis for Standard[a]
Vinyl chloride	0.51	µg/L	0.2 (PQL)	W+F

Note: [a]Basis abbreviations: W+F = water plus fish,
µg/L = micrograms per liter; PQL = practical quantitation limit.

For the Table 3−1 analytes at the PLFSYSEFF, the routine quarterly results triggered monthly sampling according to the RFLMA flowchart (see Table 3−2 for detail). Vinyl chloride was not detected in the second monthly sample. Given these results, monthly sampling of the PLFTS effluent for the Table 3−1 analytes was discontinued.

Table 3−2. PLFTS Effluent (PLFSYSEFF): Summary of Monthly Analytical Results

Analyte	Sample Date	Result	Unit
Vinyl chloride	***7/7/09***	***0.51***	***µg/L***
	8/3/09	0.63	µg/L
	9/9/09	nondetect	µg/L
	Status:	Discontinue monthly sampling for vinyl chloride	

Note: The initial result triggering monthly sampling is shown in **bold**. The routine quarterly sample results are shown in *italics*.
µg/L = micrograms per liter

3.1.11 Pre-Discharge Monitoring

Pre-discharge samples are collected prior to discharge at Ponds A-4, B-5, and C-2 on North Walnut Creek, South Walnut Creek, and Woman Creek, respectively.

No pre-discharge-samples were collected during third quarter CY 2009.

4.0 Adverse Biological Conditions

No evidence of adverse biological conditions (e.g., unexpected mortality or morbidity) was observed during monitoring and maintenance activities in third quarter CY 2009.

5.0 References

DOE (U.S. Department of Energy), 2006a. *Corrective Action Decision/Record of Decision for Rocky Flats Plant (USDOE) Peripheral Operable Unit and Central Operable Unit*, September.

DOE (U.S. Department of Energy), 2006b. *Final Landfill Monitoring and Maintenance Plan, Rocky Flats Environmental Technology Site, Original Landfill*, Rocky Flats Environmental Technology Site, Golden, Colorado, February.

DOE (U.S. Department of Energy), 2007a. *Rocky Flats Legacy Management Agreement*, March 14.

DOE (U.S. Department of Energy), 2007b. *Second Five-Year Review Report for the Rocky Flats Site, Jefferson and Boulder Counties, Colorado*, Office of Legacy Management, September.

DOE (U.S. Department of Energy), 2008a. *Present Landfill Monitoring and Maintenance Plan and Post-Closure Plan*, Office of Legacy Management, Rocky Flats Environmental Technology Site, Golden, Colorado, March.

DOE (U.S. Department of Energy), 2008b. *Rocky Flats Site Quarterly Report of Site Surveillance and Maintenance Activities, First Quarter Calendar Year 2008*, Office of Legacy Management, July.

DOE (U.S. Department of Energy), 2009a. *Rocky Flats Site Operations Guide*, LMS/RFS/S03037, Office of Legacy Management, January.

DOE (U.S. Department of Energy), 2009b. *Rocky Flats Site Quarterly Report of Site Surveillance and Maintenance Activities, Second Quarter Calendar Year 2009*, Office of Legacy Management, October.

DOE (U.S. Department of Energy), 2009c. *Rocky Flats Site Annual Report of Site Surveillance and Maintenance Activities, Calendar Year 2008*, Office of Legacy Management, April.

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Appendix A

Landfill Inspection Forms and Survey Data

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ORIGINAL LANDFILL – MONITORING AND MAINTENANCE PROGRAM

INSPECTION FORM

INSPECTOR: J. McLaughlin, A. Phillips, C. Michalski DATE: 7/30/09 TIME: 0830 REVIEWED BY: Jane Spill

TEMPERATURE: 72 °F WEATHER CONDITIONS: Pt. Cloudy REVIEW DATE: 8-6-09

METEOROLOGICAL STATION LOCATION: NREL Wind Site

SUBSIDENCE / CONSOLIDATION

REGION	EVIDENCE OF CRACKS?	EVIDENCE OF DEPRESSIONS?	EVIDENCE OF SINK HOLES?	EVIDENCE OF PONDING?	OTHER (DESCRIBE BELOW)
COVER – WEST	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
COVER – EAST	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
BUTTRESS FILL	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
DIVERSION BERM 1	☒ Yes ☐ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	see below
DIVERSION BERM 2	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
DIVERSION BERM 3	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
DIVERSION BERM 4	☐ Yes ☒ No	☒ Yes ☐ No	☐ Yes ☒ No	☒ Yes ☐ No	Low spot in corner of berm
DIVERSION BERM 5	☐ Yes ☒ No	☒ Yes ☐ No	☐ Yes ☒ No	☒ Yes ☐ No	Low spot in corner of berm
DIVERSION BERM 6	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
DIVERSION BERM 7	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–

Settlement Plates on Top of cover to be inspected for integrity.
During Year 1, they will be surveyed quarterly, and annually thereafter.

Integrity intact?
☒ Yes ☐ No

MAINTENANCE REQUIRED / COMMENTS/PHOTO LOG

A crack that extends through berm #1 was noted on July 22 during an inspection of the OLF. The crack was filled with Rocky Flats Alluvium and compacted the same day. We will continue to frequently monitor the area for any further movement.

SLOPE STABILITY

REGION	EVIDENCE OF SEEPS?	EVIDENCE OF BLOCK OR CIRCULAR FAILURE?	EVIDENCE OF ~~SEEPS?~~ cracks	OTHER? (DESCRIBE BELOW)
COVER – WEST	☒ Yes ☐ No	☒ Yes ☐ No	☐ Yes ☒ No	–
COVER – EAST	☒ Yes ☐ No	☐ Yes ☒ No	☐ Yes ☒ No	–
BUTTRESS FILL SIDESLOPE	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
WEST PERIMETER CHANNEL SIDESLOPES	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
EAST PERIMETER CHANNEL SIDESLOPES	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
COVER SEEPS (IF PRESENT)	☒ Yes ☐ No	☐ Yes ☒ No	☐ Yes ☒ No	–
			☐ ~~Yes~~ ☐ ~~No~~	
			☐ ~~Yes~~ ☐ ~~No~~	

MAINTENANCE REQUIRED / COMMENTS/PHOTO LOG

Seep #7 area has some surface expression and is flowing @ ~.1 gpm. Seep #4 area has some surface expression but is showing no flow. Seep #8 has standing water and is flowing @ ~ 1 gpm. Seep #2 area is saturated, but has no surface expression. There is evidence of block failure in the berm #1 area. The cracks in the berm have been filled and compacted. The area will be monitored for future movement.

SOIL COVER

REGION	EVIDENCE OF SOIL DEPOSITION OR EROSION?	EVIDENCE OF EROSION RILLS/GULLIES?	EVIDENCE OF BURROWING ANIMALS?	OTHER (DESCRIBE BELOW)
COVER – WEST	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
COVER – EAST	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
BUTTRESS FILL	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
BUTTRESS FILL SIDESLOPE	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–

MAINTENANCE REQUIRED / COMMENTS/PHOTO LOG

None.

The quarterly vegetation inspection will be completed in August.

VEGETATION

REGION	CONDITION OF GRASS	UNWANTED VEGETATION PRESENT*?	PERCENTAGE OF GRASS VERSUS BARE GROUND?	PERCENTAGE OF UNWANTED VEGETATION?
COVER- WEST		☐ Yes ☐ No		
COVER - EAST		☐ Yes ☐ No		
DIVERSION BERM 1		☐ Yes ☐ No		
DIVERSION BERM 2		☐ Yes ☐ No		
DIVERSION BERM 3		☐ Yes ☐ No		
DIVERSION BERM 4		☐ Yes ☐ No	JAM	
DIVERSION BERM 5		☐ Yes ☐ No		
DIVERSION BERM 6		☐ Yes ☐ No		
DIVERSION BERM 7		☐ Yes ☐ No		
WEST PERIMETER CHANNEL		☐ Yes ☐ No		
EAST PERIMETER CHANNEL		☐ Yes ☐ No		
UPPER BUTTERESS FILL SIDESLOPE		☐ Yes ☐ No		
LOWER BUTTRESS FILL SIDESLPOE		☐ Yes ☐ No		

* Unwanted vegetation includes weeds and deep-rooting trees.

MAINTENANCE REQUIRED / COMMENTS/PHOTO LOG

STORMWATER MANAGEMENT STRUCTURES

CHANNELS / LINING

STRUCTURE	EVIDENCE OF EXCESSIVE EROSION, GULLYING, SCOUR, OR UNDERMINING?	EVIDENCE OF SETTLEMENT/ SUBSIDENCE OR DEPRESSIONS?	EVIDENCE OF BREACHING OR BANK FAILURE?	EVIDENCE OF BURROWING ANIMALS?	EVIDENCE OF SEDIMENT BUILD-UP OR OTHER BLOCKAGE?	EVIDENCE OF LINING DETERIORATION, HOLES, RIPS, OR SEPARATION?	EVIDENCE OF LINING DISPLACEMENT?
DIVERSION BERM 1	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
DIVERSION BERM 2	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
DIVERSION BERM 3	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
DIVERSION BERM 4	☐ Yes ☒ No	☒ Yes ☐ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
DIVERSION BERM 5	☐ Yes ☒ No	☒ Yes ☐ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
DIVERSION BERM 6	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
DIVERSION BERM 7	☒ Yes ☐ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
CHECK DAMS	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
WEST PERIMETER CHANNEL	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
EAST PERIMETER CHANNEL	☒ Yes ☐ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No

OTHER DEFICIENCIES?

The end of berm #7 is showing some erosion at the end of the berm extending into the EPC. The end of the berm will be repaired during the Roads 2007 Project in August.

MAINTENANCE REQUIRED / COMMENTS/PHOTO LOG

Berms #4 and #5 have low spots in the corners of the berms that show some ponding during precipitation events. These areas will be repaired by Site staff.

STORMWATER MANAGEMENT STRUCTURES (CONTINUED)

OUTFALLS

CHECK EACH STRUCTURE FOR EXCESSIVE EROSION AND SEDIMENT DEPTH. IF SEDIMENT DEPTH IS COMPROMISING THE DESIGN CHARACTERISTICS, REMOVE SEDIMENT.

STRUCTURE	CONDITION / SEDIMENT DEPTH
DIVERSION BERM OUTFALL 1	Good condition / Minimal sediment
DIVERSION BERM OUTFALL 2	↓
DIVERSION BERM OUTFALL 3	↓
DIVERSION BERM OUTFALL 4	↓
DIVERSION BERM OUTFALL 5	↓
DIVERSION BERM OUTFALL 6	↓
DIVERSION BERM OUTFALL 7	Poor condition / No sediment
WEST PERIMETER CHANNEL OUTFALL	Good condition / Minimal sediment
EAST PERIMETER CHANNEL OUTFALL	↓
FRENCH DRAIN OUTFALL (SID)	↓

OTHER DEFICIENCIES?

None.

MAINTENANCE REQUIRED / COMMENTS/PHOTO LOG

Outfall of Berm #7 discussed on previous page.

"RUN-ON" CONTROL

AREA	ADVERSELY AFFECTING OLF?		
NORTH OF THE ORIGINAL LANDFILL	☐ Yes	☒ No	COMMENT: —
WEST OF THE WEST PERIMETER CHANNEL	☐ Yes	☒ No	COMMENT: —
EAST OF THE EAST PERIMETER CHANNEL	☐ Yes	☒ No	COMMENT: —
NORTH OF WOMAN CREEK	☐ Yes	☒ No	COMMENT: —

MAINTENANCE REQUIRED

None.

INSTITUTIONAL CONTROLS

ITEM			
EVIDENCE OF EXCAVATION(S) OF COVER AND IMMEDIATE VICINITY OF COVER?	☒ Yes	~~☒ No~~	COMMENT: The seep # 7 area was excavated to repair drain.
EVIDENCE OF CONSTRUCTION OF ROADS, TRAILS ON COVER OR BUILDINGS?	☐ Yes	☒ No	COMMENT: —
EVIDENCE OF UNAUTHORIZED ENTRY?	☐ Yes	☒ No	COMMENT: —
EVIDENCE OF DRILLING OF WELLS OR USE OF GROUNDWATER?	☐ Yes	☒ No	COMMENT: —
DAMAGE OR REMOVAL OF ANY SIGNAGE OR GROUNDWATER MONITORING WELLS?	☐ Yes	☒ No	COMMENT: —

OTHER DEFICIENCIES/PHOTO LOG

None.

ACTION ITEMS

DEFICIENCY	DATE NOTED	ACTION	DATE COMPLETED	COMMENTS
Seep #7 water not entering drain on east end.	6/20/09	Expose and remove Fabric on east end of drain. Replace with TRM, add drain rock, and backfill.	7/23/09	—
140' crack extending through berm #1	7/22/09	Filled crack with Rocky Flats Alluvium and compacted area.	7/22/09	We will continue to monitor area for future movement.

INSPECTOR SIGNATURE: [signature] DATE: 7/30/09

REVIEWER SIGNATURE: Gaye Squall DATE: 8-6-09

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ORIGINAL LANDFILL – MONITORING AND MAINTENANCE PROGRAM

INSPECTION FORM

INSPECTOR: J. McLaughlin DATE: 8/26/09 TIME: 1000 REVIEWED BY: Cheryl Sydell

TEMPERATURE: 72°F WEATHER CONDITIONS: Overcast + calm REVIEW DATE: 9-2-09

METEOROLOGICAL STATION LOCATION: NREL Wind Site

SUBSIDENCE / CONSOLIDATION

REGION	EVIDENCE OF CRACKS?	EVIDENCE OF DEPRESSIONS?	EVIDENCE OF SINK HOLES?	EVIDENCE OF PONDING?	OTHER (DESCRIBE BELOW)
COVER – WEST	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
COVER – EAST	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
BUTTRESS FILL	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
DIVERSION BERM 1	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
DIVERSION BERM 2	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
DIVERSION BERM 3	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
DIVERSION BERM 4	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
DIVERSION BERM 5	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
DIVERSION BERM 6	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
DIVERSION BERM 7	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–

Settlement Plates on Top of cover to be inspected for integrity.
During Year 1, they will be surveyed quarterly, and annually thereafter.

Integrity intact?
☒ Yes ☐ No

MAINTENANCE REQUIRED / COMMENTS/PHOTO LOG

The repairs to the crack in berm #1 have held up well. No new cracks have been observed.

SLOPE STABILITY

REGION	EVIDENCE OF ~~SEEPS?~~ cracks?	EVIDENCE OF BLOCK OR CIRCULAR FAILURE?	EVIDENCE OF SEEPS?	OTHER? (DESCRIBE BELOW)
COVER – WEST	☐ Yes ☒ No	☐ Yes ☒ No	☒ Yes ☐ No	—
COVER – EAST	☐ Yes ☒ No	☐ Yes ☒ No	☒ Yes ☐ No	—
BUTTRESS FILL SIDESLOPE	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	—
WEST PERIMETER CHANNEL SIDESLOPES	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	—
EAST PERIMETER CHANNEL SIDESLOPES	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	—
COVER SEEPS (IF PRESENT)	☐ Yes ☒ No	☐ Yes ☒ No	☒ Yes ☐ No	—
			☐ ~~Yes~~ ☐ ~~No~~	
			☐ ~~Yes~~ ☐ ~~No~~	

MAINTENANCE REQUIRED / COMMENTS/PHOTO LOG

The seep #7 + #4 areas showed some surface expression, but produced no surface flow down diversion berm #3. Seep #8 was flowing @ ~1 gpm.

SOIL COVER

REGION	EVIDENCE OF SOIL DEPOSITION OR EROSION?	EVIDENCE OF EROSION RILLS/GULLIES?	EVIDENCE OF BURROWING ANIMALS?	OTHER (DESCRIBE BELOW)
COVER – WEST	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
COVER – EAST	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
BUTTRESS FILL	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
BUTTRESS FILL SIDESLOPE	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–

MAINTENANCE REQUIRED / COMMENTS/PHOTO LOG

None.

OLF Vegetation Survey
by K Nelson 8/20/09

VEGETATION

REGION	CONDITION OF GRASS	UNWANTED VEGETATION PRESENT*?	PERCENTAGE OF GRASS VERSUS BARE GROUND?	PERCENTAGE OF UNWANTED VEGETATION?	
COVER- WEST	none to good	☒ Yes ☐ No	0 - 100%	CEDI, VETHI, VEBLI, SAEXI, PODEI, SAAMI,	<1%
COVER - EAST	none to good	☒ Yes ☐ No	0 - 100%	PODEI, SAAMI, SAEXI, ELAMI, CEDI, CIINI,	<1%
DIVERSION BERM 1	none to good	☒ Yes ☐ No	0 - 95%	CEDI	<1%
DIVERSION BERM 2	sparse to good	☒ Yes ☐ No	5 - 95%	CEDI	<1%
DIVERSION BERM 3	sparse to good	☒ Yes ☐ No	5 - 100%	CEDI, SAAMI, PODEI,	<1%
DIVERSION BERM 4	none to good	☒ Yes ☐ No	0 - 75%	CEDI, VETHI	<1%
DIVERSION BERM 5	sparse to good	☒ Yes ☐ No	5 - 80%	VETHI,	<1%
DIVERSION BERM 6	sparse to good	☒ Yes ☐ No	5 - 95%	CEDI	<1%
DIVERSION BERM 7	sparse to good	☒ Yes ☐ No	5 - 80%	VETHI, CEDI,	<1%
WEST PERIMETER CHANNEL	none to moderate	☒ Yes ☐ No	0 - 50%	ONACI, BRTEI	<1%
EAST PERIMETER CHANNEL	none to good	☒ Yes ☐ No	0 - 95%	CEDI,	<1%
UPPER BUTTERESS FILL SIDESLOPE slope	sparse to moderate	☒ Yes ☐ No	5 - 80%	VETHI, COAI, VEBLI, CEDI,	<1%
LOWER BUTTRESS FILL SIDESLPOE slope	sparse to good	☒ Yes ☐ No	5 - 95%	CEDI, VETHI,	<1%

* Unwanted vegetation includes weeds and deep-rooting trees.

MAINTENANCE REQUIRED / COMMENTS/PHOTO LOG

Grass has come in very well at location that were seeded & harrowed last winter/spring.

8/20/09

STORMWATER MANAGEMENT STRUCTURES

CHANNELS / LINING

STRUCTURE	EVIDENCE OF EXCESSIVE EROSION, GULLYING, SCOUR, OR UNDERMINING?	EVIDENCE OF SETTLEMENT/ SUBSIDENCE OR DEPRESSIONS?	EVIDENCE OF BREACHING OR BANK FAILURE?	EVIDENCE OF BURROWING ANIMALS?	EVIDENCE OF SEDIMENT BUILD-UP OR OTHER BLOCKAGE?	EVIDENCE OF LINING DETERIORATION, HOLES, RIPS, OR SEPARATION?	EVIDENCE OF LINING DISPLACEMENT?
DIVERSION BERM 1	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
DIVERSION BERM 2	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
DIVERSION BERM 3	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
DIVERSION BERM 4	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
DIVERSION BERM 5	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
DIVERSION BERM 6	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
DIVERSION BERM 7	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
CHECK DAMS	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
WEST PERIMETER CHANNEL	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
EAST PERIMETER CHANNEL	☐ Yes ☒ No	☐ Yes ☒ No	☒ Yes ☐ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No

OTHER DEFICIENCIES?

None.

MAINTENANCE REQUIRED / COMMENTS/PHOTO LOG

The end of berm #7 that has slumped into the EPC will be repaired during the Roads 2009 Project which is underway.

STORMWATER MANAGEMENT STRUCTURES (CONTINUED)

OUTFALLS

CHECK EACH STRUCTURE FOR EXCESSIVE EROSION AND SEDIMENT DEPTH. IF SEDIMENT DEPTH IS COMPROMISING THE DESIGN CHARACTERISTICS, REMOVE SEDIMENT.

STRUCTURE	CONDITION / SEDIMENT DEPTH
DIVERSION BERM OUTFALL 1	Good / None
DIVERSION BERM OUTFALL 2	There is a small amount of erosion at the end of berm #2
DIVERSION BERM OUTFALL 3	Good / None
DIVERSION BERM OUTFALL 4	Good / None
DIVERSION BERM OUTFALL 5	Good / None
DIVERSION BERM OUTFALL 6	Good / None
DIVERSION BERM OUTFALL 7	Outfall has eroded to a depth of ~1 ft. deep.
WEST PERIMETER CHANNEL OUTFALL	Good / None
EAST PERIMETER CHANNEL OUTFALL	Good / None
FRENCH DRAIN OUTFALL (SID)	Good / None

OTHER DEFICIENCIES?

None.

MAINTENANCE REQUIRED / COMMENTS/PHOTO LOG

The outfall of berm #7 will be repaired during the Roads 2009 Project.
The outfall of berm #2 will be repaired by Site staff.

"RUN-ON" CONTROL

AREA	ADVERSELY AFFECTING OLF?		
NORTH OF THE ORIGINAL LANDFILL	☐ Yes	☒ No	COMMENT: —
WEST OF THE WEST PERIMETER CHANNEL	☐ Yes	☒ No	COMMENT: —
EAST OF THE EAST PERIMETER CHANNEL	☐ Yes	☒ No	COMMENT: —
NORTH OF WOMAN CREEK	☐ Yes	☒ No	COMMENT: —

MAINTENANCE REQUIRED

None.

INSTITUTIONAL CONTROLS

ITEM			
EVIDENCE OF EXCAVATION(S) OF COVER AND IMMEDIATE VICINITY OF COVER?	☒ Yes	☐ No	COMMENT: Repairs to the Seep #7 drain
EVIDENCE OF CONSTRUCTION OF ROADS, TRAILS ON COVER OR BUILDINGS?	☐ Yes	☒ No	COMMENT: N/A
EVIDENCE OF UNAUTHORIZED ENTRY?	☐ Yes	☒ No	COMMENT: N/A
EVIDENCE OF DRILLING OF WELLS OR USE OF GROUNDWATER?	☐ Yes	☒ No	COMMENT: N/A
DAMAGE OR REMOVAL OF ANY SIGNAGE OR GROUNDWATER MONITORING WELLS?	☐ Yes	☒ No	COMMENT: N/A

OTHER DEFICIENCIES/PHOTO LOG

The eastern edge of the Seep #7 drain extension was excavated and opened up to allow better infiltration of water into the drain.

ACTION ITEMS

DEFICIENCY	DATE NOTED	ACTION	DATE COMPLETED	COMMENTS
Seep #7 drain not functioning properly	6/20/09	Excavate east end of drain and open up	7/9/09 and 8/19/09	More repairs may be necessary.

INSPECTOR SIGNATURE: [signature] DATE: 8/26/09

REVIEWER SIGNATURE: [signature] DATE: 9-2-09

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ORIGINAL LANDFILL – MONITORING AND MAINTENANCE PROGRAM

INSPECTION FORM

INSPECTOR: J. McLaughlin DATE: 9/28/09 TIME: 0900 REVIEWED BY: Jim Smith

TEMPERATURE: 60° F WEATHER CONDITIONS: Sunny + Calm REVIEW DATE: 10-1-09

METEOROLOGICAL STATION LOCATION: NREL Wind Site

SUBSIDENCE / CONSOLIDATION

REGION	EVIDENCE OF CRACKS?	EVIDENCE OF DEPRESSIONS?	EVIDENCE OF SINK HOLES?	EVIDENCE OF PONDING?	OTHER (DESCRIBE BELOW)
COVER – WEST	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
COVER – EAST	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
BUTTRESS FILL	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
DIVERSION BERM 1	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
DIVERSION BERM 2	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
DIVERSION BERM 3	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
DIVERSION BERM 4	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
DIVERSION BERM 5	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
DIVERSION BERM 6	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
DIVERSION BERM 7	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☒ Yes ☐ No	–

Settlement Plates on Top of cover to be inspected for integrity.
During Year 1, they will be surveyed quarterly, and annually thereafter.

Integrity intact? ☐ Yes ☐ No

MAINTENANCE REQUIRED / COMMENTS/PHOTO LOG

The berm #1 area continues to look good with no new cracks. There is a small area ~ 150' east of the western end of berm #7 that shows some evidence of ponding. The area will be repaired by site staff ASAP.

SLOPE STABILITY

REGION	EVIDENCE OF ~~SEEPS~~ cracks?	EVIDENCE OF BLOCK OR CIRCULAR FAILURE?	EVIDENCE OF SEEPS?	OTHER? (DESCRIBE BELOW)
COVER – WEST	☐ Yes ☒ No	☐ Yes ☒ No	☒ Yes ☐ No	–
COVER – EAST	☐ Yes ☒ No	☐ Yes ☒ No	☒ Yes ☐ No	–
BUTTRESS FILL SIDESLOPE	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
WEST PERIMETER CHANNEL SIDESLOPES	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
EAST PERIMETER CHANNEL SIDESLOPES	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
COVER SEEPS (IF PRESENT)	☐ Yes ☒ No	☐ Yes ☒ No	☒ Yes ☐ No	–
			~~☐ Yes ☐ No~~	
			~~☐ Yes ☐ No~~	

MAINTENANCE REQUIRED / COMMENTS/PHOTO LOG

The Seep #4 and WPC outfall showed some surface expression, but produced no surface flow. The seep #7 area was dry. The seep #8 area continues to flow at a rate of 1-2 gpm.

SOIL COVER

REGION	EVIDENCE OF SOIL DEPOSITION OR EROSION?	EVIDENCE OF EROSION RILLS/GULLIES?	EVIDENCE OF BURROWING ANIMALS?	OTHER (DESCRIBE BELOW)
COVER – WEST	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
COVER – EAST	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
BUTTRESS FILL	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
BUTTRESS FILL SIDESLOPE	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–

MAINTENANCE REQUIRED / COMMENTS/PHOTO LOG

None.

The quarterly vegetation survey at the OLF was completed on 8/20/09.

VEGETATION

REGION	CONDITION OF GRASS	UNWANTED VEGETATION PRESENT*?	PERCENTAGE OF GRASS VERSUS BARE GROUND?	PERCENTAGE OF UNWANTED VEGETATION?
COVER- WEST		☐ Yes ☐ No		
COVER - EAST		☐ Yes ☐ No		
DIVERSION BERM 1		☐ Yes ☐ No		
DIVERSION BERM 2		☐ Yes ☐ No		
DIVERSION BERM 3		☐ Yes ☐ No		
DIVERSION BERM 4		☐ Yes ☐ No		
DIVERSION BERM 5		☐ Yes ☐ No		
DIVERSION BERM 6		☐ Yes ☐ No		
DIVERSION BERM 7	JAM	☐ Yes ☐ No		
WEST PERIMETER CHANNEL		☐ Yes ☐ No		
EAST PERIMETER CHANNEL		☐ Yes ☐ No		
UPPER BUTTERESS FILL SIDESLOPE		☐ Yes ☐ No		
LOWER BUTTRESS FILL SIDESLPOE		☐ Yes ☐ No		

* Unwanted vegetation includes weeds and deep-rooting trees.

MAINTENANCE REQUIRED / COMMENTS/PHOTO LOG

STORMWATER MANAGEMENT STRUCTURES

CHANNELS / LINING

STRUCTURE	EVIDENCE OF EXCESSIVE EROSION, GULLYING, SCOUR, OR UNDERMINING?	EVIDENCE OF SETTLEMENT/ SUBSIDENCE OR DEPRESSIONS?	EVIDENCE OF BREACHING OR BANK FAILURE?	EVIDENCE OF BURROWING ANIMALS?	EVIDENCE OF SEDIMENT BUILD-UP OR OTHER BLOCKAGE?	EVIDENCE OF LINING DETERIORATION, HOLES, RIPS, OR SEPARATION?	EVIDENCE OF LINING DISPLACEMENT?
DIVERSION BERM 1	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
DIVERSION BERM 2	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
DIVERSION BERM 3	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
DIVERSION BERM 4	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
DIVERSION BERM 5	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
DIVERSION BERM 6	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
DIVERSION BERM 7	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
CHECK DAMS	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
WEST PERIMETER CHANNEL	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
EAST PERIMETER CHANNEL	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No

OTHER DEFICIENCIES?

None

MAINTENANCE REQUIRED / COMMENTS/PHOTO LOG

The erosion at the end of berm #7 (documented in last months inspection) was repaired on 9/10/09.

STORMWATER MANAGEMENT STRUCTURES (CONTINUED)

OUTFALLS

CHECK EACH STRUCTURE FOR EXCESSIVE EROSION AND SEDIMENT DEPTH. IF SEDIMENT DEPTH IS COMPROMISING THE DESIGN CHARACTERISTICS, REMOVE SEDIMENT.

STRUCTURE	CONDITION / SEDIMENT DEPTH
DIVERSION BERM OUTFALL 1	Good condition / None
DIVERSION BERM OUTFALL 2	
DIVERSION BERM OUTFALL 3	
DIVERSION BERM OUTFALL 4	
DIVERSION BERM OUTFALL 5	
DIVERSION BERM OUTFALL 6	
DIVERSION BERM OUTFALL 7	
WEST PERIMETER CHANNEL OUTFALL	
EAST PERIMETER CHANNEL OUTFALL	
FRENCH DRAIN OUTFALL (SID)	

OTHER DEFICIENCIES?

None.

MAINTENANCE REQUIRED / COMMENTS/PHOTO LOG

None.

"RUN-ON" CONTROL

AREA	ADVERSELY AFFECTING OLF?		
NORTH OF THE ORIGINAL LANDFILL	☐ Yes	☒ No	COMMENT: —
WEST OF THE WEST PERIMETER CHANNEL	☐ Yes	☒ No	COMMENT: —
EAST OF THE EAST PERIMETER CHANNEL	☐ Yes	☒ No	COMMENT: —
NORTH OF WOMAN CREEK	☐ Yes	☒ No	COMMENT: —

MAINTENANCE REQUIRED

None.

INSTITUTIONAL CONTROLS

ITEM			
EVIDENCE OF EXCAVATION(S) OF COVER AND IMMEDIATE VICINITY OF COVER?	☐ Yes	☒ No	COMMENT: N/A
EVIDENCE OF CONSTRUCTION OF ROADS, TRAILS ON COVER OR BUILDINGS?	☐ Yes	☒ No	COMMENT: N/A
EVIDENCE OF UNAUTHORIZED ENTRY?	☐ Yes	☒ No	COMMENT: N/A
EVIDENCE OF DRILLING OF WELLS OR USE OF GROUNDWATER?	☐ Yes	☒ No	COMMENT: N/A
DAMAGE OR REMOVAL OF ANY SIGNAGE OR GROUNDWATER MONITORING WELLS?	☐ Yes	☒ No	COMMENT: N/A

OTHER DEFICIENCIES/PHOTO LOG

None.

ACTION ITEMS

DEFICIENCY	DATE NOTED	ACTION	DATE COMPLETED	COMMENTS
End of berm #7 is eroded	8/26/09	Repair with Rocky Flats Alluvium and cover w/ matting	9/10/09	N/A
Ponding area located ~~105~~ 150' east of western end of berm #7.	9/29/09	Re-grade trough to allow continuous flow	9/29/09	N/A
—	—	Measure settlement monuments	9/30/09	Quarterly survey
		JAM		

INSPECTOR SIGNATURE: [signature] DATE: 9/28/09

REVIEWER SIGNATURE: [signature] DATE: 10/1/09

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PRESENT LANDFILL – MONITORING AND MAINTENANCE PROGRAM

INSPECTION FORM

INSPECTOR: J. McLaughlin DATE: 8/27/09 TIME: 0900 REVIEWED BY: [illegible]

TEMPERATURE: 72°F WEATHER CONDITIONS: Clear + calm REVIEW DATE: 9-2-09

METEOROLOGICAL STATION LOCATION: NREL Wind Site

SUBSIDENCE/CONSOLIDATION

REGION	EVIDENCE OF CRACKS?	EVIDENCE OF DEPRESSIONS?	EVIDENCE OF SINK HOLES?	EVIDENCE OF PONDING?	OTHER (DESCRIBE BELOW)
TOP OF COVER – WEST	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
TOP OF COVER – EAST	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
COVER SIDESLOPE – NORTH	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
COVER SIDESLOPE – SOUTH	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
EAST FACE SLOPE – NORTH	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
EAST FACE SLOPE – SOUTH	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
EAST FACE SLOPE – CENTRAL	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
EAST FACE SLOPE – NORTH SEEP*	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–

Settlement Plates and side-slope monitoring points to be inspected for integrity. During Year 1, they will be surveyed quarterly, and annually thereafter

Integrity intact? ☒ Yes ☐ No

MAINTENANCE REQUIRED/COMMENTS/PHOTO LOG

None.

* AREA OF SEEP IS OUTSIDE OF LANDFILL COVER AND EAST OF THE COVER ANCHOR TRENCH

SLOPE STABILITY

REGION	EVIDENCE OF CRACKS?	EVIDENCE OF BLOCK OR CIRCULAR FAILURE?	EVIDENCE OF SEEPS?	OTHER (DESCRIBE BELOW)
COVER SIDESLOPE – NORTH	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
COVER SIDESLOPE – SOUTH	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
PERIMETER CHANNEL OUTER SLOPE – NORTH	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
PERIMETER CHANNEL OUTER SLOPE – SOUTH	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
EAST FACE SLOPE – NORTH	☐ Yes ☒ No	☐ Yes ☒ No	☒ Yes ☐ No	–
EAST FACE SLOPE – SOUTH	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
EAST FACE SLOPE – CENTRAL	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
EAST FACE SLOPE – NORTH SEEP*	☐ Yes ☒ No	☐ Yes ☒ No	☒ Yes ☐ No	–

MAINTENANCE REQUIRED/COMMENTS/PHOTO LOG

Seep area is saturated, but there is no standing water.

* AREA OF SEEP IS OUTSIDE OF LANDFILL COVER AND EAST OF THE COVER ANCHOR TRENCH

SOIL COVER

REGION	EVIDENCE OF SOIL DEPOSITION OR EROSION?	EVIDENCE OF EROSION RILLS/GULLIES?	EVIDENCE OF BURROWING ANIMALS?	OTHER (DESCRIBE BELOW)
TOP OF COVER – WEST	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
TOP OF COVER – EAST	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
COVER SIDESLOPE – NORTH	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
COVER SIDESLOPE – SOUTH	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
EAST FACE SLOPE – NORTH	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
EAST FACE SLOPE – SOUTH	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
EAST FACE SLOPE – CENTRAL	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
AREA WHERE EAST SLOPE CENTRAL MEETS EAST SLOPE NORTH	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
AREA WHERE EAST SLOPE CENTRAL MEETS EAST SLOPE SOUTH	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	–
	VENT CAPS IN PLACE & SECURE?	**STANDPIPES IN GOOD CONDITION?**	**BIRDS OR INSECTS IN VENT CAPS?**	
COVER – BAROMETRIC VENTS	☒ Yes ☐ No	☒ Yes ☐ No	☐ Yes ☒ No	–

MAINTENANCE REQUIRED/COMMENTS/PHOTO LOG

None.

PLF Vegetation Survey 8/19/09

VEGETATION

Jody E Nels—

REGION	CONDITION OF GRASS	UNWANTED VEGETATION PRESENT*?	OTHER (DESCRIBE BELOW)
TOP OF COVER – WEST	good	☒ Yes ☐ No	CEDI, VETHI, HYPEI, LIDAI, COARI <1%
TOP OF COVER – EAST	moderate to good	☒ Yes ☐ No	CEDI, VETHI, LIDAI, HYPEI, COARI, <1%
EAST FACE SLOPE – NORTH	sparse to good	☒ Yes ☐ No	CEDI, ULPUI, VETHI, CIARI, COARI <1%
EAST FACE SLOPE – SOUTH	sparse to good	☒ Yes ☐ No	CEDI, CANUI, SAEXI, <1%
EAST FACE SLOPE – CENTRAL	sparse to good	☒ Yes ☐ No	SAEXI, SAAMI, ULPUI, CIARI, CEDI, VETHI, 1%
COVER SIDESLOPE – NORTH	moderate to good	☒ Yes ☐ No	CIARI, CEDI, HYPEI, SOARI, <1%
COVER SIDESLOPE – SOUTH	sparse to good	☒ Yes ☐ No	VETHI, CEDI, <1%
VEGETATION-LINED PERIMETER CHANNEL – NORTH	Sparse to good	☒ Yes ☐ No	CEDI, LIDAI, HYPEI, VETHI, <1%
VEGETATION-LINED PERIMETER CHANNEL – SOUTH	Sparse to good	☒ Yes ☐ No	VETHI, CEDI <1%

* Unwanted vegetation includes weeds and deep-rooting trees.

MAINTENANCE REQUIRED/COMMENTS/PHOTO LOG

Came across young white tail jack rabbit on top of Cover. 1st young one I've ever seen at Site. They must be reproducing! Lots of warm season grasses flowering this year. Looks great. May want to spray Fr weeds again on surrounding areas.

8/19/09

SEEP TREATMENT SYSTEM

REGION	EVIDENCE OF PLUGGING, OBSTRUCTIONS, OR EXCESS DEBRIS?	EVIDENCE OF CRACKS OR DETERIORATION?	OTHER (DESCRIBE BELOW)
GWIS INLET PIPES	☐ Yes ☒ No	☐ Yes ☒ No	—
STRIP DRAIN INLET PIPE	☐ Yes ☒ No	☐ Yes ☒ No	—
NORTH MANHOLE OUTLET PIPE	☐ Yes ☒ No	☐ Yes ☒ No	—
SOUTH MANHOLE OUTLET PIPE	☐ Yes ☒ No	☐ Yes ☒ No	—
TREATMENT UNIT	☐ Yes ☒ No	☐ Yes ☒ No	—
TREATMENT UNIT OUTLET PIPE	☐ Yes ☒ No	☐ Yes ☒ No	—
NORTH MANHOLE	☐ Yes ☒ No	☐ Yes ☒ No	—
SOUTH MANHOLE	☐ Yes ☒ No	☐ Yes ☒ No	—
TREATMENT UNIT GRATING	NA	☐ Yes ☒ No	—

MAINTENANCE REQUIRED/COMMENTS/PHOTO LOG

None.

STORMWATER MANAGEMENT STRUCTURES

CHANNELS/LINING

STRUCTURE	EVIDENCE OF EXCESSIVE EROSION, GULLYING, SCOUR, OR UNDERMINING?	EVIDENCE OF SETTLEMENT/ SUBSIDENCE OR DEPRESSIONS?	EVIDENCE OF BREACHING OR BANK FAILURE?	EVIDENCE OF BURROWING ANIMALS?	EVIDENCE OF SEDIMENT BUILD-UP OR OTHER BLOCKAGE?	EVIDENCE OF LINING DETERIORATION, HOLES, RIPS, OR SEPARATION?	EVIDENCE OF LINING DISPLACEMENT?
DIVERSION BERM	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
VEGETATION-LINED PERIMETER CHANNEL – NORTH	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
VEGETATION-LINED PERIMETER CHANNEL – SOUTH	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
RIPRAP-LINED PERIMETER CHANNEL	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
C350-LINED EAST FACE	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
EAST FACE RIPRAP CHANNEL – NORTH	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No
EAST FACE RIPRAP CHANNEL – SOUTH	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	

OTHER DEFICIENCIES?

None. Channels + erosion matting are in good condition.

MAINTENANCE REQUIRED/COMMENTS/PHOTO LOG

None.

STORMWATER MANAGEMENT STRUCTURES (CONTINUED)

OUTFALLS

CHECK EACH STRUCTURE FOR EXCESSIVE EROSION AND SEDIMENT DEPTH. IF SEDIMENT DEPTH IS COMPROMISING THE DESIGN CHARACTERISTICS, REMOVE SEDIMENT.

STRUCTURE	CONDITION/SEDIMENT DEPTH
DIVERSION BERM OUTFALL – NORTH	Good condition / sediment is ≤ .5"
DIVERSION BERM OUTFALL – SOUTH	↓
CULVERT 1 OUTFALL	
CULVERT 2 OUTFALL	
SOUTHWEST CULVERT OUTFALL	

CULVERTS

CHECK EACH STRUCTURE FOR BLOCKAGE, SURROUNDING CONDITIONS, BREACHING, SEDIMENT BUILD-UP, AND INLET/OUTLET CONDITIONS.

STRUCTURE	CONDITION
CULVERT 1	Good condition
CULVERT 2	↓
SOUTHWEST CULVERT	

MAINTENANCE REQUIRED/PHOTO LOG

None. Culverts and outfalls are in good condition with no obstructions.

"RUN-ON" EROSION CONTROL

AREA	ADVERSELY AFFECTING PLF?			
RUN-ON INTO PERIMETER CHANNEL – NORTH	☐ Yes	☒ No	COMMENT:	—
RUN-ON INTO PERIMETER CHANNEL – SOUTH	☐ Yes	☒ No	COMMENT:	—
NATURAL DRAINAGE FED BY CULVERT 1	☐ Yes	☒ No	COMMENT:	—
NATURAL DRAINAGE FED BY NORTHEAST PERIMETER CHANNEL	☐ Yes	☒ No	COMMENT:	—
NATURAL DRAINAGE FED BY RIPRAP	☐ Yes	☒ No	COMMENT:	—

MAINTENANCE REQUIRED/PHOTO LOG

There are no "run-on" problems with the landfill.

INSTITUTIONAL CONTROLS

ITEM			
EVIDENCE OF EXCAVATION(S) OF COVER AND IMMEDIATE VICINITY OF COVER?	☐ Yes	☒ No	COMMENT: —
EVIDENCE OF CONSTRUCTION OF ROADS OR TRAILS ON COVER OR BUILDINGS?	☐ Yes	☒ No	COMMENT: —
EVIDENCE OF UNAUTHORIZED ENTRY?	☐ Yes	☒ No	COMMENT: —
EVIDENCE OF DRILLING OF WELLS OR USE OF GROUNDWATER?	☐ Yes	☒ No	COMMENT: —
DISRUPTION OR DAMAGE OF SEEP TREATMENT SYSTEM?	☐ Yes	☒ No	COMMENT: —
DAMAGE OR REMOVAL OF ANY SIGNAGE OR GROUNDWATER MONITORING WELLS?	☐ Yes	☒ No	COMMENT: —

OTHER DEFICIENCIES/PHOTO LOG

None.

ACTION ITEMS

DEFICIENCY	DATE NOTED	ACTION	DATE COMPLETED	COMMENTS
Cracks in North and South manhole collars.	8/4/09	Patch manhole collars with cement patch	8/11/09	—

JAM

INSPECTOR SIGNATURE: [signature] DATE: 8/27/09

REVIEWER SIGNATURE: [signature] DATE: 9-2-09

Rocky Flats Site
Original Landfill - Settlement Plates Monitoring
Quarterly Survey September 30, 2009 Comparison to Previous Survey June 23, 2009

09-30-09 OBSERVATIONS					DELTA	DELTA	DELTA	06-23-09 OBSERVATIONS				
POINT NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION	NORTHING	EASTING	ELEVATION	POINT NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
15044	747913.7023	2082233.076	6005.92	PIPE-N-RIM-AA	-0.12	0.05	0.00	15043	747913.5823	2082233.13	6005.911	PIPE-N-RIM-AA
15045	747644.9737	2081851.161	5975.37	PIPE-N-RIM-BB	-0.25	0.17	-0.02	15042	747644.7247	2081851.332	5975.348	PIPE-N-RIM-BB
15046	747883.3727	2081666.083	6019.60	PIPE-N-RIM-CC	0.02	0.01	0.01	15036	747883.3887	2081666.09	6019.612	PIPE-N-RIM-CC
15047	747803.4941	2081642.338	6006.10	PIPE-N-RIM-DD	0.00	0.00	0.02	15037	747803.4971	2081642.337	6006.112	PIPE-N-RIM-DD
15048	747700.8071	2081620.512	5988.52	PIPE-N-RIM-EE	0.01	-0.01	0.01	15038	747700.8171	2081620.501	5988.529	PIPE-N-RIM-EE
15050	747704.6182	2081406.809	5997.17	PIPE-N-RIM-FF	0.00	-0.01	0.02	15040	747704.6212	2081406.794	5997.185	PIPE-N-RIM-FF
15049	747563.1246	2081656.308	5974.18	PIPE-N-RIM-GG	0.00	-0.02	0.01	15039	747563.1226	2081656.29	5974.182	PIPE-N-RIM-GG
15051	747742.191	2081225.999	6013.25	PIPE-N-RIM-HH	0.01	0.00	0.02	15041	747742.197	2081225.995	6013.265	PIPE-N-RIM-HH

DELTAS ARE CALCULATED AS THE DIFFERENCE BETWEEN THE 09-30-09 OBSERVATION AND THE 06-23-09 OBSERVATION

POINTS ARE GRID BASED COLORADO STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE, NAD 27, NGVD 29

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Appendix B

Analytical Results for Water Samples—Third Quarter CY 2009

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LOCATION_CODE	LOCATION_TYPE	DATE SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE ID	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS
70193	WL	9/10/2009	09092581	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.16		valid
70193	WL	9/10/2009	09092581	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2		valid
70193	WL	9/10/2009	09092581	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32		valid
70193	WL	9/10/2009	09092581	75-35-4	1,1-Dichloroethene	N001	0.14	ug/L	U	F	0.14		valid
70193	WL	9/10/2009	09092581	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32		valid
70193	WL	9/10/2009	09092581	96-12-8	1,2-Dibromo-3-chloropropane	N001	0.81	ug/L	U	F	0.81		valid
70193	WL	9/10/2009	09092581	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18		valid
70193	WL	9/10/2009	09092581	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.13		valid
70193	WL	9/10/2009	09092581	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13		valid
70193	WL	9/10/2009	09092581	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13		valid
70193	WL	9/10/2009	09092581	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
70193	WL	9/10/2009	09092581	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
70193	WL	9/10/2009	09092581	7440-38-2	Arsenic	0001	4.4	ug/L	U	F	4.4		valid
70193	WL	9/10/2009	09092581	71-43-2	Benzene	N001	0.16	ug/L	U	F	0.16		valid
70193	WL	9/10/2009	09092581	7440-41-7	Beryllium	0001	0.47	ug/L	U	F	0.47		valid
70193	WL	9/10/2009	09092581	7440-42-8	Boron	0001	17	ug/L	B J	F	1.6		valid
70193	WL	9/10/2009	09092581	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17		valid
70193	WL	9/10/2009	09092581	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19		valid
70193	WL	9/10/2009	09092581	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21		valid
70193	WL	9/10/2009	09092581	7440-43-9	Cadmium	0001	0.63	ug/L	B	F	0.45		valid
70193	WL	9/10/2009	09092581	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19		valid
70193	WL	9/10/2009	09092581	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17		valid
70193	WL	9/10/2009	09092581	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17		valid
70193	WL	9/10/2009	09092581	67-66-3	Chloroform	N001	0.16	ug/L	U	F	0.16		valid
70193	WL	9/10/2009	09092581	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3		valid
70193	WL	9/10/2009	09092581	7440-47-3	Chromium	0001	0.92	ug/L	B	F	0.66		valid
70193	WL	9/10/2009	09092581	156-59-2	cis-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
70193	WL	9/10/2009	09092581	7440-50-8	Copper	0001	1.4	ug/L	U	F	1.4		valid
70193	WL	9/10/2009	09092581	100-41-4	Ethylbenzene	N001	0.16	ug/L	U	F	0.16		valid
70193	WL	9/10/2009	09092581	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12		valid
70193	WL	9/10/2009	09092581	7439-92-1	Lead	0001	2.6	ug/L	U	F	2.6		J
70193	WL	9/10/2009	09092581	7439-97-6	Mercury	0001	0.027	ug/L	U	F	0.027		valid
70193	WL	9/10/2009	09092581	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32		valid
70193	WL	9/10/2009	09092581	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22		valid
70193	WL	9/10/2009	09092581	7440-02-0	Nickel	0001	1.3	ug/L	U	F	1.3		valid
70193	WL	9/10/2009	09092581	7782-49-2	Selenium	0001	5.3	ug/L	B	F	4.9		valid
70193	WL	9/10/2009	09092581	7440-22-4	Silver	0001	1.1	ug/L	B J	F	0.93		U
70193	WL	9/10/2009	09092581	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		valid
70193	WL	9/10/2009	09092581	127-18-4	Tetrachloroethene	N001	0.2	ug/L	U	F	0.2		valid
70193	WL	9/10/2009	09092581	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17		valid
70193	WL	9/10/2009	09092581	1330-20-7	Total Xylenes	N001	0.19	ug/L	U	F	0.19		valid
70193	WL	9/10/2009	09092581	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
70193	WL	9/10/2009	09092581	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19		valid
70193	WL	9/10/2009	09092581	79-01-6	Trichloroethene	N001	0.16	ug/L	U	F	0.16		valid
70193	WL	9/10/2009	09092581	7440-61-1	Uranium	0001	0.065	ug/L	B	F	0.02		valid
70193	WL	9/10/2009	09092581	75-01-4	Vinyl chloride	N001	0.4	ug/L	U	F	0.4		valid
70193	WL	9/10/2009	09092581	7440-66-6	Zinc	0001	6	ug/L	B	F	4.5		valid
70393	WL	9/10/2009	09092581	71-55-6	1,1,1-Trichloroethane	N001	1.6	ug/L		F	0.16		valid
70393	WL	9/10/2009	09092581	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2		valid
70393	WL	9/10/2009	09092581	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32		valid
70393	WL	9/10/2009	09092581	75-35-4	1,1-Dichloroethene	N001	2.7	ug/L		F	0.14		valid
70393	WL	9/10/2009	09092581	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32		valid
70393	WL	9/10/2009	09092581	96-12-8	1,2-Dibromo-3-chloropropane	N001	0.81	ug/L	U	F	0.81		valid

LOCATION_CODE	LOCATION_TYPE	DATE SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE ID	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS
70393	WL	9/10/2009	09092581	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18		valid
70393	WL	9/10/2009	09092581	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.13		valid
70393	WL	9/10/2009	09092581	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13		valid
70393	WL	9/10/2009	09092581	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13		valid
70393	WL	9/10/2009	09092581	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
70393	WL	9/10/2009	09092581	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
70393	WL	9/10/2009	09092581	7440-38-2	Arsenic	0001	4.4	ug/L	U	F	4.4		valid
70393	WL	9/10/2009	09092581	71-43-2	Benzene	N001	0.16	ug/L	U	F	0.16		valid
70393	WL	9/10/2009	09092581	7440-41-7	Beryllium	0001	0.47	ug/L	U	F	0.47		valid
70393	WL	9/10/2009	09092581	7440-42-8	Boron	0001	11	ug/L	B J	F	1.6		valid
70393	WL	9/10/2009	09092581	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17		valid
70393	WL	9/10/2009	09092581	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19		valid
70393	WL	9/10/2009	09092581	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21		valid
70393	WL	9/10/2009	09092581	7440-43-9	Cadmium	0001	0.45	ug/L	U	F	0.45		valid
70393	WL	9/10/2009	09092581	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19		valid
70393	WL	9/10/2009	09092581	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17		valid
70393	WL	9/10/2009	09092581	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17		valid
70393	WL	9/10/2009	09092581	67-66-3	Chloroform	N001	0.16	ug/L	U	F	0.16		valid
70393	WL	9/10/2009	09092581	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3		valid
70393	WL	9/10/2009	09092581	7440-47-3	Chromium	0001	0.68	ug/L	B	F	0.66		U
70393	WL	9/10/2009	09092581	156-59-2	cis-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
70393	WL	9/10/2009	09092581	7440-50-8	Copper	0001	1.4	ug/L	U	F	1.4		valid
70393	WL	9/10/2009	09092581	100-41-4	Ethylbenzene	N001	0.16	ug/L	U	F	0.16		valid
70393	WL	9/10/2009	09092581	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12		valid
70393	WL	9/10/2009	09092581	7439-92-1	Lead	0001	2.6	ug/L	U	F	2.6		J
70393	WL	9/10/2009	09092581	7439-97-6	Mercury	0001	0.027	ug/L	U	F	0.027		valid
70393	WL	9/10/2009	09092581	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32		valid
70393	WL	9/10/2009	09092581	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22		valid
70393	WL	9/10/2009	09092581	7440-02-0	Nickel	0001	2.9	ug/L	B	F	1.3		valid
70393	WL	9/10/2009	09092581	7782-49-2	Selenium	0001	4.9	ug/L	U	F	4.9		valid
70393	WL	9/10/2009	09092581	7440-22-4	Silver	0001	0.93	ug/L	U	F	0.93		valid
70393	WL	9/10/2009	09092581	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		valid
70393	WL	9/10/2009	09092581	127-18-4	Tetrachloroethene	N001	2.1	ug/L		F	0.2		valid
70393	WL	9/10/2009	09092581	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17		valid
70393	WL	9/10/2009	09092581	1330-20-7	Total Xylenes	N001	0.19	ug/L	U	F	0.19		valid
70393	WL	9/10/2009	09092581	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
70393	WL	9/10/2009	09092581	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19		valid
70393	WL	9/10/2009	09092581	79-01-6	Trichloroethene	N001	7	ug/L		F	0.16		valid
70393	WL	9/10/2009	09092581	7440-61-1	Uranium	0001	0.025	ug/L	B	F	0.02		valid
70393	WL	9/10/2009	09092581	75-01-4	Vinyl chloride	N001	0.4	ug/L	U	F	0.4		valid
70393	WL	9/10/2009	09092581	7440-66-6	Zinc	0001	4.5	ug/L	U	F	4.5		valid
70693	WL	9/9/2009	09092581	71-55-6	1,1,1-Trichloroethane	N001	1.8	ug/L		F	0.16		valid
70693	WL	9/9/2009	09092581	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2		valid
70693	WL	9/9/2009	09092581	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32		valid
70693	WL	9/9/2009	09092581	75-35-4	1,1-Dichloroethene	N001	2.3	ug/L		F	0.14		valid
70693	WL	9/9/2009	09092581	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32		valid
70693	WL	9/9/2009	09092581	96-12-8	1,2-Dibromo-3-chloropropane	N001	0.81	ug/L	U	F	0.81		valid
70693	WL	9/9/2009	09092581	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18		valid
70693	WL	9/9/2009	09092581	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.13		valid
70693	WL	9/9/2009	09092581	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13		valid
70693	WL	9/9/2009	09092581	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13		valid
70693	WL	9/9/2009	09092581	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
70693	WL	9/9/2009	09092581	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
70693	WL	9/9/2009	09092581	7440-38-2	Arsenic	0001	4.4	ug/L	U	F	4.4		valid

LOCATION_CODE	LOCATION_TYPE	DATE SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE ID	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS
70693	WL	9/9/2009	09092581	71-43-2	Benzene	N001	0.16	ug/L	U	F	0.16		valid
70693	WL	9/9/2009	09092581	7440-41-7	Beryllium	0001	0.47	ug/L	U	F	0.47		valid
70693	WL	9/9/2009	09092581	7440-42-8	Boron	0001	32	ug/L	J	F	1.6		valid
70693	WL	9/9/2009	09092581	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17		valid
70693	WL	9/9/2009	09092581	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19		valid
70693	WL	9/9/2009	09092581	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21		valid
70693	WL	9/9/2009	09092581	7440-43-9	Cadmium	0001	0.45	ug/L	U	F	0.45		valid
70693	WL	9/9/2009	09092581	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19		valid
70693	WL	9/9/2009	09092581	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17		valid
70693	WL	9/9/2009	09092581	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17		valid
70693	WL	9/9/2009	09092581	67-66-3	Chloroform	N001	0.16	ug/L	U	F	0.16		valid
70693	WL	9/9/2009	09092581	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3		valid
70693	WL	9/9/2009	09092581	7440-47-3	Chromium	0001	0.66	ug/L	U	F	0.66		valid
70693	WL	9/9/2009	09092581	156-59-2	cis-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
70693	WL	9/9/2009	09092581	7440-50-8	Copper	0001	1.5	ug/L	B	F	1.4		valid
70693	WL	9/9/2009	09092581	100-41-4	Ethylbenzene	N001	0.16	ug/L	U	F	0.16		valid
70693	WL	9/9/2009	09092581	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12		valid
70693	WL	9/9/2009	09092581	7439-92-1	Lead	0001	2.6	ug/L	U	F	2.6		J
70693	WL	9/9/2009	09092581	7439-97-6	Mercury	0001	0.027	ug/L	U	F	0.027		valid
70693	WL	9/9/2009	09092581	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32		valid
70693	WL	9/9/2009	09092581	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22		valid
70693	WL	9/9/2009	09092581	7440-02-0	Nickel	0001	1.5	ug/L	B	F	1.3		valid
70693	WL	9/9/2009	09092581	7782-49-2	Selenium	0001	4.9	ug/L	U	F	4.9		valid
70693	WL	9/9/2009	09092581	7440-22-4	Silver	0001	0.93	ug/L	U	F	0.93		valid
70693	WL	9/9/2009	09092581	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		valid
70693	WL	9/9/2009	09092581	127-18-4	Tetrachloroethene	N001	1	ug/L		F	0.2		valid
70693	WL	9/9/2009	09092581	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17		valid
70693	WL	9/9/2009	09092581	1330-20-7	Total Xylenes	N001	0.19	ug/L	U	F	0.19		valid
70693	WL	9/9/2009	09092581	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
70693	WL	9/9/2009	09092581	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19		valid
70693	WL	9/9/2009	09092581	79-01-6	Trichloroethene	N001	2.4	ug/L		F	0.16		valid
70693	WL	9/9/2009	09092581	7440-61-1	Uranium	0001	0.039	ug/L	B	F	0.02		valid
70693	WL	9/9/2009	09092581	75-01-4	Vinyl chloride	N001	0.4	ug/L	U	F	0.4		valid
70693	WL	9/9/2009	09092581	7440-66-6	Zinc	0001	37	ug/L		F	4.5		valid
73005	WL	9/2/2009	09082527	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.16		valid
73005	WL	9/2/2009	09082527	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2		valid
73005	WL	9/2/2009	09082527	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32		valid
73005	WL	9/2/2009	09082527	75-35-4	1,1-Dichloroethene	N001	0.14	ug/L	U	F	0.14		valid
73005	WL	9/2/2009	09082527	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32		valid
73005	WL	9/2/2009	09082527	96-12-8	1,2-Dibromo-3-chloropropane	N001	0.81	ug/L	U	F	0.81		valid
73005	WL	9/2/2009	09082527	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18		valid
73005	WL	9/2/2009	09082527	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.13		valid
73005	WL	9/2/2009	09082527	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13		valid
73005	WL	9/2/2009	09082527	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13		valid
73005	WL	9/2/2009	09082527	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
73005	WL	9/2/2009	09082527	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
73005	WL	9/2/2009	09082527	7440-38-2	Arsenic	0001	4.4	ug/L	U	F	4.4		valid
73005	WL	9/2/2009	09082527	71-43-2	Benzene	N001	0.16	ug/L	U	F	0.16		valid
73005	WL	9/2/2009	09082527	7440-41-7	Beryllium	0001	0.47	ug/L	U	F	0.47		valid
73005	WL	9/2/2009	09082527	7440-42-8	Boron	0001	33	ug/L	J	F	1.6		valid
73005	WL	9/2/2009	09082527	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17		valid
73005	WL	9/2/2009	09082527	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19		valid
73005	WL	9/2/2009	09082527	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21		valid
73005	WL	9/2/2009	09082527	7440-43-9	Cadmium	0001	0.45	ug/L	U	F	0.45		valid

LOCATION_CODE	LOCATION_TYPE	DATE SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE ID	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS
73005	WL	9/2/2009	09082527	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19		valid
73005	WL	9/2/2009	09082527	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17		valid
73005	WL	9/2/2009	09082527	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17		valid
73005	WL	9/2/2009	09082527	67-66-3	Chloroform	N001	0.16	ug/L	U	F	0.16		valid
73005	WL	9/2/2009	09082527	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3		valid
73005	WL	9/2/2009	09082527	7440-47-3	Chromium	0001	0.66	ug/L	U	F	0.66		valid
73005	WL	9/2/2009	09082527	156-59-2	cis-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
73005	WL	9/2/2009	09082527	7440-50-8	Copper	0001	1.4	ug/L	U	F	1.4		valid
73005	WL	9/2/2009	09082527	100-41-4	Ethylbenzene	N001	0.16	ug/L	U	F	0.16		valid
73005	WL	9/2/2009	09082527	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12		valid
73005	WL	9/2/2009	09082527	7439-92-1	Lead	0001	2.6	ug/L	U	F	2.6		valid
73005	WL	9/2/2009	09082527	7439-97-6	Mercury	0001	0.027	ug/L	U	F	0.027		J
73005	WL	9/2/2009	09082527	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32		valid
73005	WL	9/2/2009	09082527	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22		valid
73005	WL	9/2/2009	09082527	7440-02-0	Nickel	0001	1.3	ug/L	U	F	1.3		valid
73005	WL	9/2/2009	09082527	7782-49-2	Selenium	0001	10	ug/L	B	F	4.9		valid
73005	WL	9/2/2009	09082527	7440-22-4	Silver	0001	0.93	ug/L	U	F	0.93		valid
73005	WL	9/2/2009	09082527	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		valid
73005	WL	9/2/2009	09082527	127-18-4	Tetrachloroethene	N001	0.2	ug/L	U	F	0.2		valid
73005	WL	9/2/2009	09082527	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17		valid
73005	WL	9/2/2009	09082527	1330-20-7	Total Xylenes	N001	0.19	ug/L	U	F	0.19		valid
73005	WL	9/2/2009	09082527	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
73005	WL	9/2/2009	09082527	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19		valid
73005	WL	9/2/2009	09082527	79-01-6	Trichloroethene	N001	0.16	ug/L	U	F	0.16		valid
73005	WL	9/2/2009	09082527	7440-61-1	Uranium	0001	24	ug/L		F	0.1		valid
73005	WL	9/2/2009	09082527	75-01-4	Vinyl chloride	N001	0.4	ug/L	U	F	0.4		valid
73005	WL	9/2/2009	09082527	7440-66-6	Zinc	0001	5.8	ug/L	B	F	4.5		J
73105	WL	9/9/2009	09092581	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.16		valid
73105	WL	9/9/2009	09092581	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2		valid
73105	WL	9/9/2009	09092581	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32		valid
73105	WL	9/9/2009	09092581	75-35-4	1,1-Dichloroethene	N001	0.14	ug/L	U	F	0.14		valid
73105	WL	9/9/2009	09092581	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32		valid
73105	WL	9/9/2009	09092581	96-12-8	1,2-Dibromo-3-chloropropane	N001	0.81	ug/L	U	F	0.81		valid
73105	WL	9/9/2009	09092581	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18		valid
73105	WL	9/9/2009	09092581	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.13		valid
73105	WL	9/9/2009	09092581	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13		valid
73105	WL	9/9/2009	09092581	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13		valid
73105	WL	9/9/2009	09092581	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
73105	WL	9/9/2009	09092581	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
73105	WL	9/9/2009	09092581	7440-38-2	Arsenic	0001	4.4	ug/L	U	F	4.4		valid
73105	WL	9/9/2009	09092581	71-43-2	Benzene	N001	0.16	ug/L	U	F	0.16		valid
73105	WL	9/9/2009	09092581	7440-41-7	Beryllium	0001	0.47	ug/L	U	F	0.47		valid
73105	WL	9/9/2009	09092581	7440-42-8	Boron	0001	140	ug/L	J	F	1.6		valid
73105	WL	9/9/2009	09092581	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17		valid
73105	WL	9/9/2009	09092581	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19		valid
73105	WL	9/9/2009	09092581	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21		valid
73105	WL	9/9/2009	09092581	7440-43-9	Cadmium	0001	0.46	ug/L	B	F	0.45		U
73105	WL	9/9/2009	09092581	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19		valid
73105	WL	9/9/2009	09092581	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17		valid
73105	WL	9/9/2009	09092581	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17		valid
73105	WL	9/9/2009	09092581	67-66-3	Chloroform	N001	0.16	ug/L	U	F	0.16		valid
73105	WL	9/9/2009	09092581	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3		valid
73105	WL	9/9/2009	09092581	7440-47-3	Chromium	0001	0.66	ug/L	U	F	0.66		valid
73105	WL	9/9/2009	09092581	156-59-2	cis-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid

LOCATION_CODE	LOCATION_TYPE	DATE SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE ID	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS
73105	WL	9/9/2009	09092581	7440-50-8	Copper	0001	1.4	ug/L	U	F	1.4		valid
73105	WL	9/9/2009	09092581	100-41-4	Ethylbenzene	N001	0.16	ug/L	U	F	0.16		valid
73105	WL	9/9/2009	09092581	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12		valid
73105	WL	9/9/2009	09092581	7439-92-1	Lead	0001	2.6	ug/L	U	F	2.6		J
73105	WL	9/9/2009	09092581	7439-97-6	Mercury	0001	0.027	ug/L	U	F	0.027		valid
73105	WL	9/9/2009	09092581	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32		valid
73105	WL	9/9/2009	09092581	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22		valid
73105	WL	9/9/2009	09092581	7440-02-0	Nickel	0001	2	ug/L	B	F	1.3		valid
73105	WL	9/9/2009	09092581	7782-49-2	Selenium	0001	4.9	ug/L	U	F	4.9		valid
73105	WL	9/9/2009	09092581	7440-22-4	Silver	0001	0.93	ug/L	U	F	0.93		valid
73105	WL	9/9/2009	09092581	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		valid
73105	WL	9/9/2009	09092581	127-18-4	Tetrachloroethene	N001	0.2	ug/L	U	F	0.2		valid
73105	WL	9/9/2009	09092581	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17		valid
73105	WL	9/9/2009	09092581	1330-20-7	Total Xylenes	N001	0.19	ug/L	U	F	0.19		valid
73105	WL	9/9/2009	09092581	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
73105	WL	9/9/2009	09092581	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19		valid
73105	WL	9/9/2009	09092581	79-01-6	Trichloroethene	N001	0.16	ug/L	U	F	0.16		valid
73105	WL	9/9/2009	09092581	7440-61-1	Uranium	0001	25	ug/L		F	0.02		valid
73105	WL	9/9/2009	09092581	75-01-4	Vinyl chloride	N001	0.4	ug/L	U	F	0.4		valid
73105	WL	9/9/2009	09092581	7440-66-6	Zinc	0001	7.7	ug/L	B	F	4.5		valid
73205	WL	8/27/2009	09082527	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.16		J
73205	WL	8/27/2009	09082527	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2		J
73205	WL	8/27/2009	09082527	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32		J
73205	WL	8/27/2009	09082527	75-35-4	1,1-Dichloroethene	N001	0.14	ug/L	U	F	0.14		J
73205	WL	8/27/2009	09082527	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32		J
73205	WL	8/27/2009	09082527	96-12-8	1,2-Dibromo-3-chloropropane	N001	0.81	ug/L	U	F	0.81		J
73205	WL	8/27/2009	09082527	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18		J
73205	WL	8/27/2009	09082527	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.13		J
73205	WL	8/27/2009	09082527	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13		J
73205	WL	8/27/2009	09082527	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13		J
73205	WL	8/27/2009	09082527	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		J
73205	WL	8/27/2009	09082527	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		J
73205	WL	8/27/2009	09082527	7440-38-2	Arsenic	0001	4.4	ug/L	U	F	4.4		valid
73205	WL	8/27/2009	09082527	71-43-2	Benzene	N001	0.16	ug/L	U	F	0.16		J
73205	WL	8/27/2009	09082527	7440-41-7	Beryllium	0001	0.47	ug/L	U	F	0.47		valid
73205	WL	8/27/2009	09082527	7440-42-8	Boron	0001	58	ug/L	J	F	1.6		valid
73205	WL	8/27/2009	09082527	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17		J
73205	WL	8/27/2009	09082527	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19		J
73205	WL	8/27/2009	09082527	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21		J
73205	WL	8/27/2009	09082527	7440-43-9	Cadmium	0001	0.5	ug/L	B	F	0.45		valid
73205	WL	8/27/2009	09082527	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19		J
73205	WL	8/27/2009	09082527	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17		J
73205	WL	8/27/2009	09082527	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17		J
73205	WL	8/27/2009	09082527	67-66-3	Chloroform	N001	0.16	ug/L	U	F	0.16		J
73205	WL	8/27/2009	09082527	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3		J
73205	WL	8/27/2009	09082527	7440-47-3	Chromium	0001	0.71	ug/L	B	F	0.66		valid
73205	WL	8/27/2009	09082527	156-59-2	cis-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		J
73205	WL	8/27/2009	09082527	7440-50-8	Copper	0001	2.7	ug/L	B	F	1.4		valid
73205	WL	8/27/2009	09082527	100-41-4	Ethylbenzene	N001	0.16	ug/L	U	F	0.16		J
73205	WL	8/27/2009	09082527	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12		J
73205	WL	8/27/2009	09082527	7439-92-1	Lead	0001	2.6	ug/L	U	F	2.6		valid
73205	WL	8/27/2009	09082527	7439-97-6	Mercury	0001	0.027	ug/L	U	F	0.027		J
73205	WL	8/27/2009	09082527	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32		J
73205	WL	8/27/2009	09082527	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22		J

LOCATION_CODE	LOCATION_TYPE	DATE SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE ID	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS
73205	WL	8/27/2009	09082527	7440-02-0	Nickel	0001	2	ug/L	B	F	1.3		valid
73205	WL	8/27/2009	09082527	7782-49-2	Selenium	0001	390	ug/L		F	4.9		valid
73205	WL	8/27/2009	09082527	7440-22-4	Silver	0001	0.93	ug/L	U	F	0.93		valid
73205	WL	8/27/2009	09082527	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		J
73205	WL	8/27/2009	09082527	127-18-4	Tetrachloroethene	N001	0.2	ug/L	U	F	0.2		J
73205	WL	8/27/2009	09082527	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17		J
73205	WL	8/27/2009	09082527	1330-20-7	Total Xylenes	N001	0.19	ug/L	U	F	0.19		J
73205	WL	8/27/2009	09082527	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		J
73205	WL	8/27/2009	09082527	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19		J
73205	WL	8/27/2009	09082527	79-01-6	Trichloroethene	N001	0.16	ug/L	U	F	0.16		J
73205	WL	8/27/2009	09082527	7440-61-1	Uranium	0001	110	ug/L		F	0.1		valid
73205	WL	8/27/2009	09082527	75-01-4	Vinyl chloride	N001	0.4	ug/L	U	F	0.4		J
73205	WL	8/27/2009	09082527	7440-66-6	Zinc	0001	4.5	ug/L	U	F	4.5		valid
80005	WL	8/12/2009	09082511	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.16		J
80005	WL	8/12/2009	09082511	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2		J
80005	WL	8/12/2009	09082511	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32		J
80005	WL	8/12/2009	09082511	75-35-4	1,1-Dichloroethene	N001	0.14	ug/L	U	F	0.14		J
80005	WL	8/12/2009	09082511	120-82-1	1,2,4-Trichlorobenzene	N001	0.28	ug/L	U	F	0.28		valid
80005	WL	8/12/2009	09082511	96-12-8	1,2-Dibromo-3-chloropropane	N001	0.81	ug/L	U	F	0.81		J
80005	WL	8/12/2009	09082511	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18		J
80005	WL	8/12/2009	09082511	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.13		J
80005	WL	8/12/2009	09082511	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13		J
80005	WL	8/12/2009	09082511	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13		J
80005	WL	8/12/2009	09082511	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		J
80005	WL	8/12/2009	09082511	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		J
80005	WL	8/12/2009	09082511	105-67-9	2, 4-Dimethylphenol	N001	0.58	ug/L	U	F	0.58		valid
80005	WL	8/12/2009	09082511	95-95-4	2,4,5-Trichlorophenol	N001	0.45	ug/L	U	F	0.45		valid
80005	WL	8/12/2009	09082511	88-06-2	2,4,6-Trichlorophenol	N001	0.29	ug/L	U	F	0.29		valid
80005	WL	8/12/2009	09082511	120-83-2	2,4-Dichlorophenol	N001	0.64	ug/L	U	F	0.64		valid
80005	WL	8/12/2009	09082511	51-28-5	2,4-Dinitrophenol	N001	10	ug/L	U	F	10		valid
80005	WL	8/12/2009	09082511	121-14-2	2,4-Dinitrotoluene	N001	1.7	ug/L	U	F	1.7		valid
80005	WL	8/12/2009	09082511	606-20-2	2,6-Dinitrotoluene	N001	1.9	ug/L	U	F	1.9		valid
80005	WL	8/12/2009	09082511	91-58-7	2-Chloronaphthalene	N001	0.26	ug/L	U	F	0.26		valid
80005	WL	8/12/2009	09082511	95-57-8	2-Chlorophenol	N001	2	ug/L	U	F	2		valid
80005	WL	8/12/2009	09082511	91-94-1	3,3'-Dichlorobenzidine	N001	2	ug/L	U	F	2		valid
80005	WL	8/12/2009	09082511	534-52-1	4,6-Dinitro-2-methyl phenol	N001	4	ug/L	U	F	4		valid
80005	WL	8/12/2009	09082511	59-50-7	4-Chloro-3-methylphenol	N001	2.4	ug/L	U	F	2.4		valid
80005	WL	8/12/2009	09082511	100-02-7	4-Nitrophenol	N001	1.2	ug/L	U	F	1.2		valid
80005	WL	8/12/2009	09082511	83-32-9	Acenaphthene	N001	0.28	ug/L	U	F	0.28		valid
80005	WL	8/12/2009	09082511	120-12-7	Anthracene	N001	0.42	ug/L	U	F	0.42		valid
80005	WL	8/12/2009	09082511	7440-38-2	Arsenic	0001	4.4	ug/L	U	F	4.4		valid
80005	WL	8/12/2009	09082511	56-55-3	Benz(a)anthracene	N001	0.35	ug/L	U	F	0.35		valid
80005	WL	8/12/2009	09082511	71-43-2	Benzene	N001	0.16	ug/L	U	F	0.16		J
80005	WL	8/12/2009	09082511	50-32-8	Benzo(a)pyrene	N001	0.31	ug/L	U	F	0.31		valid
80005	WL	8/12/2009	09082511	205-99-2	Benzo(b)fluoranthene	N001	0.53	ug/L	U	F	0.53		valid
80005	WL	8/12/2009	09082511	191-24-2	Benzo(g,h,i)Perylene	N001	0.5	ug/L	U	F	0.5		valid
80005	WL	8/12/2009	09082511	207-08-9	Benzo(k)fluoranthene	N001	0.46	ug/L	U	F	0.46		valid
80005	WL	8/12/2009	09082511	7440-41-7	Beryllium	0001	0.47	ug/L	U	F	0.47		valid
80005	WL	8/12/2009	09082511	111-44-4	Bis(2-chloroethyl) ether	N001	0.41	ug/L	U	F	0.41		valid
80005	WL	8/12/2009	09082511	108-60-1	Bis(2-chloroisopropyl) ether	N001	0.28	ug/L	U	F	0.28		valid
80005	WL	8/12/2009	09082511	117-81-7	Bis(2-ethylhexyl) phthalate	N001	3	ug/L	J B	F	0.56		U
80005	WL	8/12/2009	09082511	7440-42-8	Boron	0001	41	ug/L	J	F	1.6		valid
80005	WL	8/12/2009	09082511	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17		J
80005	WL	8/12/2009	09082511	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19		J

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80005	WL	8/12/2009	09082511	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21		J
80005	WL	8/12/2009	09082511	85-68-7	Butyl benzyl phthalate	N001	1	ug/L	U	F	1		valid
80005	WL	8/12/2009	09082511	7440-43-9	Cadmium	0001	0.69	ug/L	B	F	0.45		valid
80005	WL	8/12/2009	09082511	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19		J
80005	WL	8/12/2009	09082511	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17		J
80005	WL	8/12/2009	09082511	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17		J
80005	WL	8/12/2009	09082511	67-66-3	Chloroform	N001	0.16	ug/L	U	F	0.16		J
80005	WL	8/12/2009	09082511	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3		J
80005	WL	8/12/2009	09082511	7440-47-3	Chromium	0001	0.66	ug/L	U	F	0.66		valid
80005	WL	8/12/2009	09082511	218-01-9	Chrysene	N001	0.67	ug/L	J	F	0.54		valid
80005	WL	8/12/2009	09082511	156-59-2	cis-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		J
80005	WL	8/12/2009	09082511	7440-50-8	Copper	0001	1.4	ug/L	U	F	1.4		valid
80005	WL	8/12/2009	09082511	53-70-3	Dibenz(a,h)anthracene	N001	0.51	ug/L	U	F	0.51		valid
80005	WL	8/12/2009	09082511	84-66-2	Diethyl phthalate	N001	0.38	ug/L	U	F	0.38		valid
80005	WL	8/12/2009	09082511	131-11-3	Dimethyl phthalate	N001	0.21	ug/L	U	F	0.21		valid
80005	WL	8/12/2009	09082511	84-74-2	Di-n-butyl phthalate	N001	1.2	ug/L	U	F	1.2		valid
80005	WL	8/12/2009	09082511	100-41-4	Ethylbenzene	N001	0.16	ug/L	U	F	0.16		J
80005	WL	8/12/2009	09082511	206-44-0	Fluoranthene	N001	0.2	ug/L	U	F	0.2		valid
80005	WL	8/12/2009	09082511	86-73-7	Fluorene	N001	0.31	ug/L	U	F	0.31		valid
80005	WL	8/12/2009	09082511	118-74-1	Hexachlorobenzene	N001	0.66	ug/L	U	F	0.66		valid
80005	WL	8/12/2009	09082511	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12		J
80005	WL	8/12/2009	09082511	77-47-4	Hexachlorocyclopentadiene	N001	1.5	ug/L	U	F	1.5		valid
80005	WL	8/12/2009	09082511	67-72-1	Hexachloroethane	N001	2.1	ug/L	U	F	2.1		valid
80005	WL	8/12/2009	09082511	193-39-5	Indeno(1,2,3-cd)pyrene	N001	0.65	ug/L	U	F	0.65		valid
80005	WL	8/12/2009	09082511	78-59-1	Isophorone	N001	0.21	ug/L	U	F	0.21		valid
80005	WL	8/12/2009	09082511	7439-92-1	Lead	0001	2.6	ug/L	U	F	2.6		valid
80005	WL	8/12/2009	09082511	7439-97-6	Mercury	0001	0.027	ug/L	U	F	0.027		valid
80005	WL	8/12/2009	09082511	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32		J
80005	WL	8/12/2009	09082511	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22		J
80005	WL	8/12/2009	09082511	7440-02-0	Nickel	0001	1.9	ug/L	B	F	1.3		valid
80005	WL	8/12/2009	09082511	98-95-3	Nitrobenzene	N001	0.81	ug/L	U	F	0.81		valid
80005	WL	8/12/2009	09082511	621-64-7	N-Nitrosodi-n-propylamine	N001	0.35	ug/L	U	F	0.35		valid
80005	WL	8/12/2009	09082511	86-30-6	N-Nitrosodiphenylamine	N001	0.44	ug/L	U	F	0.44		valid
80005	WL	8/12/2009	09082511	87-86-5	Pentachlorophenol	N001	20	ug/L	U	F	20		valid
80005	WL	8/12/2009	09082511	108-95-2	Phenol	N001	2	ug/L	U	F	2		valid
80005	WL	8/12/2009	09082511	129-00-0	Pyrene	N001	0.37	ug/L	U	F	0.37		valid
80005	WL	8/12/2009	09082511	7782-49-2	Selenium	0001	4.9	ug/L	U	F	4.9		J
80005	WL	8/12/2009	09082511	7440-22-4	Silver	0001	0.93	ug/L	U	F	0.93		valid
80005	WL	8/12/2009	09082511	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		J
80005	WL	8/12/2009	09082511	127-18-4	Tetrachloroethene	N001	0.2	ug/L	U	F	0.2		J
80005	WL	8/12/2009	09082511	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17		J
80005	WL	8/12/2009	09082511	1330-20-7	Total Xylenes	N001	0.19	ug/L	U	F	0.19		J
80005	WL	8/12/2009	09082511	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		J
80005	WL	8/12/2009	09082511	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19		J
80005	WL	8/12/2009	09082511	79-01-6	Trichloroethene	N001	0.16	ug/L	U	F	0.16		J
80005	WL	8/12/2009	09082511	7440-61-1	Uranium	0001	7.3	ug/L		F	0.02		valid
80005	WL	8/12/2009	09082511	75-01-4	Vinyl chloride	N001	0.4	ug/L	U	F	0.4		J
80005	WL	8/12/2009	09082511	7440-66-6	Zinc	0001	11	ug/L	B	F	4.5		J
80105	WL	8/13/2009	09082511	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.16		valid
80105	WL	8/13/2009	09082511	71-55-6	1,1,1-Trichloroethane	N002	0.16	ug/L	U	D	0.16		valid
80105	WL	8/13/2009	09082511	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2		valid
80105	WL	8/13/2009	09082511	79-34-5	1,1,2,2-Tetrachloroethane	N002	0.2	ug/L	U	D	0.2		valid
80105	WL	8/13/2009	09082511	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32		valid
80105	WL	8/13/2009	09082511	79-00-5	1,1,2-Trichloroethane	N002	0.32	ug/L	U	D	0.32		valid

LOCATION_CODE	LOCATION_TYPE	DATE SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE ID	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS
80105	WL	8/13/2009	09082511	75-35-4	1,1-Dichloroethene	N001	0.14	ug/L	U	F	0.14		valid
80105	WL	8/13/2009	09082511	75-35-4	1,1-Dichloroethene	N002	0.14	ug/L	U	D	0.14		valid
80105	WL	8/13/2009	09082511	120-82-1	1,2,4-Trichlorobenzene	N001	0.28	ug/L	U	F	0.28		valid
80105	WL	8/13/2009	09082511	120-82-1	1,2,4-Trichlorobenzene	N002	0.28	ug/L	U	D	0.28		valid
80105	WL	8/13/2009	09082511	96-12-8	1,2-Dibromo-3-chloropropane	N001	0.81	ug/L	U	F	0.81		valid
80105	WL	8/13/2009	09082511	96-12-8	1,2-Dibromo-3-chloropropane	N002	0.81	ug/L	U	D	0.81		valid
80105	WL	8/13/2009	09082511	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18		valid
80105	WL	8/13/2009	09082511	106-93-4	1,2-Dibromoethane	N002	0.18	ug/L	U	D	0.18		valid
80105	WL	8/13/2009	09082511	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.13		valid
80105	WL	8/13/2009	09082511	95-50-1	1,2-Dichlorobenzene	N002	0.13	ug/L	U	D	0.13		valid
80105	WL	8/13/2009	09082511	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13		valid
80105	WL	8/13/2009	09082511	107-06-2	1,2-Dichloroethane	N002	0.13	ug/L	U	D	0.13		valid
80105	WL	8/13/2009	09082511	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13		valid
80105	WL	8/13/2009	09082511	78-87-5	1,2-Dichloropropane	N002	0.13	ug/L	U	D	0.13		valid
80105	WL	8/13/2009	09082511	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
80105	WL	8/13/2009	09082511	541-73-1	1,3-Dichlorobenzene	N002	0.16	ug/L	U	D	0.16		valid
80105	WL	8/13/2009	09082511	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
80105	WL	8/13/2009	09082511	106-46-7	1,4-Dichlorobenzene	N002	0.16	ug/L	U	D	0.16		valid
80105	WL	8/13/2009	09082511	105-67-9	2, 4-Dimethylphenol	N001	0.58	ug/L	U	F	0.58		valid
80105	WL	8/13/2009	09082511	105-67-9	2, 4-Dimethylphenol	N002	0.58	ug/L	U	D	0.58		valid
80105	WL	8/13/2009	09082511	95-95-4	2,4,5-Trichlorophenol	N001	0.45	ug/L	U	F	0.45		valid
80105	WL	8/13/2009	09082511	95-95-4	2,4,5-Trichlorophenol	N002	0.45	ug/L	U	D	0.45		valid
80105	WL	8/13/2009	09082511	88-06-2	2,4,6-Trichlorophenol	N001	0.29	ug/L	U	F	0.29		valid
80105	WL	8/13/2009	09082511	88-06-2	2,4,6-Trichlorophenol	N002	0.29	ug/L	U	D	0.29		valid
80105	WL	8/13/2009	09082511	120-83-2	2,4-Dichlorophenol	N001	0.64	ug/L	U	F	0.64		valid
80105	WL	8/13/2009	09082511	120-83-2	2,4-Dichlorophenol	N002	0.64	ug/L	U	D	0.64		valid
80105	WL	8/13/2009	09082511	51-28-5	2,4-Dinitrophenol	N001	10	ug/L	U	F	10		valid
80105	WL	8/13/2009	09082511	51-28-5	2,4-Dinitrophenol	N002	10	ug/L	U	D	10		valid
80105	WL	8/13/2009	09082511	121-14-2	2,4-Dinitrotoluene	N001	1.7	ug/L	U	F	1.7		valid
80105	WL	8/13/2009	09082511	121-14-2	2,4-Dinitrotoluene	N002	1.7	ug/L	U	D	1.7		valid
80105	WL	8/13/2009	09082511	606-20-2	2,6-Dinitrotoluene	N001	1.9	ug/L	U	F	1.9		valid
80105	WL	8/13/2009	09082511	606-20-2	2,6-Dinitrotoluene	N002	1.9	ug/L	U	D	1.9		valid
80105	WL	8/13/2009	09082511	91-58-7	2-Chloronaphthalene	N001	0.26	ug/L	U	F	0.26		valid
80105	WL	8/13/2009	09082511	91-58-7	2-Chloronaphthalene	N002	0.26	ug/L	U	D	0.26		valid
80105	WL	8/13/2009	09082511	95-57-8	2-Chlorophenol	N001	2	ug/L	U	F	2		valid
80105	WL	8/13/2009	09082511	95-57-8	2-Chlorophenol	N002	2	ug/L	U	D	2		valid
80105	WL	8/13/2009	09082511	91-94-1	3,3'-Dichlorobenzidine	N001	2	ug/L	U	F	2		valid
80105	WL	8/13/2009	09082511	91-94-1	3,3'-Dichlorobenzidine	N002	2	ug/L	U	D	2		valid
80105	WL	8/13/2009	09082511	534-52-1	4,6-Dinitro-2-methyl phenol	N001	4	ug/L	U	F	4		valid
80105	WL	8/13/2009	09082511	534-52-1	4,6-Dinitro-2-methyl phenol	N002	4	ug/L	U	D	4		valid
80105	WL	8/13/2009	09082511	59-50-7	4-Chloro-3-methylphenol	N001	2.4	ug/L	U	F	2.4		valid
80105	WL	8/13/2009	09082511	59-50-7	4-Chloro-3-methylphenol	N002	2.4	ug/L	U	D	2.4		valid
80105	WL	8/13/2009	09082511	100-02-7	4-Nitrophenol	N001	1.2	ug/L	U	F	1.2		valid
80105	WL	8/13/2009	09082511	100-02-7	4-Nitrophenol	N002	1.2	ug/L	U	D	1.2		valid
80105	WL	8/13/2009	09082511	83-32-9	Acenaphthene	N001	0.28	ug/L	U	F	0.28		valid
80105	WL	8/13/2009	09082511	83-32-9	Acenaphthene	N002	0.28	ug/L	U	D	0.28		valid
80105	WL	8/13/2009	09082511	120-12-7	Anthracene	N001	0.42	ug/L	U	F	0.42		valid
80105	WL	8/13/2009	09082511	120-12-7	Anthracene	N002	0.42	ug/L	U	D	0.42		valid
80105	WL	8/13/2009	09082511	7440-38-2	Arsenic	0001	4.4	ug/L	U	F	4.4		valid
80105	WL	8/13/2009	09082511	7440-38-2	Arsenic	0002	4.4	ug/L	U	D	4.4		valid
80105	WL	8/13/2009	09082511	56-55-3	Benz(a)anthracene	N001	0.35	ug/L	U	F	0.35		valid
80105	WL	8/13/2009	09082511	56-55-3	Benz(a)anthracene	N002	0.35	ug/L	U	D	0.35		valid
80105	WL	8/13/2009	09082511	71-43-2	Benzene	N001	0.16	ug/L	U	F	0.16		valid
80105	WL	8/13/2009	09082511	71-43-2	Benzene	N002	0.16	ug/L	U	D	0.16		valid

LOCATION_CODE	LOCATION_TYPE	DATE SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE ID	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS
80105	WL	8/13/2009	09082511	50-32-8	Benzo(a)pyrene	N001	0.31	ug/L	U	F	0.31		valid
80105	WL	8/13/2009	09082511	50-32-8	Benzo(a)pyrene	N002	0.31	ug/L	U	D	0.31		valid
80105	WL	8/13/2009	09082511	205-99-2	Benzo(b)fluoranthene	N001	0.53	ug/L	U	F	0.53		valid
80105	WL	8/13/2009	09082511	205-99-2	Benzo(b)fluoranthene	N002	0.53	ug/L	U	D	0.53		valid
80105	WL	8/13/2009	09082511	191-24-2	Benzo(g,h,i)Perylene	N001	0.5	ug/L	U	F	0.5		valid
80105	WL	8/13/2009	09082511	191-24-2	Benzo(g,h,i)Perylene	N002	0.5	ug/L	U	D	0.5		valid
80105	WL	8/13/2009	09082511	207-08-9	Benzo(k)fluoranthene	N001	0.46	ug/L	U	F	0.46		valid
80105	WL	8/13/2009	09082511	207-08-9	Benzo(k)fluoranthene	N002	0.46	ug/L	U	D	0.46		valid
80105	WL	8/13/2009	09082511	7440-41-7	Beryllium	0001	0.47	ug/L	U	F	0.47		valid
80105	WL	8/13/2009	09082511	7440-41-7	Beryllium	0002	0.47	ug/L	U	D	0.47		valid
80105	WL	8/13/2009	09082511	111-44-4	Bis(2-chloroethyl) ether	N001	0.41	ug/L	U	F	0.41		valid
80105	WL	8/13/2009	09082511	111-44-4	Bis(2-chloroethyl) ether	N002	0.41	ug/L	U	D	0.41		valid
80105	WL	8/13/2009	09082511	108-60-1	Bis(2-chloroisopropyl) ether	N001	0.28	ug/L	U	F	0.28		valid
80105	WL	8/13/2009	09082511	108-60-1	Bis(2-chloroisopropyl) ether	N002	0.28	ug/L	U	D	0.28		valid
80105	WL	8/13/2009	09082511	117-81-7	Bis(2-ethylhexyl) phthalate	N001	2.9	ug/L	J B	F	0.56		U
80105	WL	8/13/2009	09082511	117-81-7	Bis(2-ethylhexyl) phthalate	N002	2.8	ug/L	J B	D	0.56		U
80105	WL	8/13/2009	09082511	7440-42-8	Boron	0001	130	ug/L	J	F	1.6		valid
80105	WL	8/13/2009	09082511	7440-42-8	Boron	0002	140	ug/L	J	D	1.6		valid
80105	WL	8/13/2009	09082511	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17		valid
80105	WL	8/13/2009	09082511	75-27-4	Bromodichloromethane	N002	0.17	ug/L	U	D	0.17		valid
80105	WL	8/13/2009	09082511	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19		valid
80105	WL	8/13/2009	09082511	75-25-2	Bromoform	N002	0.19	ug/L	U	D	0.19		valid
80105	WL	8/13/2009	09082511	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21		valid
80105	WL	8/13/2009	09082511	74-83-9	Bromomethane	N002	0.21	ug/L	U	D	0.21		valid
80105	WL	8/13/2009	09082511	85-68-7	Butyl benzyl phthalate	N001	1	ug/L	U	F	1		valid
80105	WL	8/13/2009	09082511	85-68-7	Butyl benzyl phthalate	N002	1	ug/L	U	D	1		valid
80105	WL	8/13/2009	09082511	7440-43-9	Cadmium	0001	0.79	ug/L	B	F	0.45		valid
80105	WL	8/13/2009	09082511	7440-43-9	Cadmium	0002	0.94	ug/L	B	D	0.45		valid
80105	WL	8/13/2009	09082511	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19		valid
80105	WL	8/13/2009	09082511	56-23-5	Carbon tetrachloride	N002	0.19	ug/L	U	D	0.19		valid
80105	WL	8/13/2009	09082511	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17		valid
80105	WL	8/13/2009	09082511	108-90-7	Chlorobenzene	N002	0.17	ug/L	U	D	0.17		valid
80105	WL	8/13/2009	09082511	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17		valid
80105	WL	8/13/2009	09082511	124-48-1	Chlorodibromomethane	N002	0.17	ug/L	U	D	0.17		valid
80105	WL	8/13/2009	09082511	67-66-3	Chloroform	N001	0.16	ug/L	U	F	0.16		valid
80105	WL	8/13/2009	09082511	67-66-3	Chloroform	N002	0.16	ug/L	U	D	0.16		valid
80105	WL	8/13/2009	09082511	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3		valid
80105	WL	8/13/2009	09082511	74-87-3	Chloromethane	N002	0.3	ug/L	U	D	0.3		valid
80105	WL	8/13/2009	09082511	7440-47-3	Chromium	0001	0.66	ug/L	U	F	0.66		valid
80105	WL	8/13/2009	09082511	7440-47-3	Chromium	0002	0.66	ug/L	U	D	0.66		valid
80105	WL	8/13/2009	09082511	218-01-9	Chrysene	N001	0.58	ug/L	J	F	0.54		valid
80105	WL	8/13/2009	09082511	218-01-9	Chrysene	N002	0.55	ug/L	J	D	0.54		valid
80105	WL	8/13/2009	09082511	156-59-2	cis-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
80105	WL	8/13/2009	09082511	156-59-2	cis-1,2-Dichloroethene	N002	0.15	ug/L	U	D	0.15		valid
80105	WL	8/13/2009	09082511	7440-50-8	Copper	0001	1.4	ug/L	B	F	1.4		valid
80105	WL	8/13/2009	09082511	7440-50-8	Copper	0002	1.4	ug/L	U	D	1.4		valid
80105	WL	8/13/2009	09082511	53-70-3	Dibenz(a,h)anthracene	N001	0.51	ug/L	U	F	0.51		valid
80105	WL	8/13/2009	09082511	53-70-3	Dibenz(a,h)anthracene	N002	0.51	ug/L	U	D	0.51		valid
80105	WL	8/13/2009	09082511	84-66-2	Diethyl phthalate	N001	0.38	ug/L	U	F	0.38		valid
80105	WL	8/13/2009	09082511	84-66-2	Diethyl phthalate	N002	0.38	ug/L	U	D	0.38		valid
80105	WL	8/13/2009	09082511	131-11-3	Dimethyl phthalate	N001	0.21	ug/L	U	F	0.21		valid
80105	WL	8/13/2009	09082511	131-11-3	Dimethyl phthalate	N002	0.21	ug/L	U	D	0.21		valid
80105	WL	8/13/2009	09082511	84-74-2	Di-n-butyl phthalate	N001	1.2	ug/L	U	F	1.2		valid
80105	WL	8/13/2009	09082511	84-74-2	Di-n-butyl phthalate	N002	1.2	ug/L	U	D	1.2		valid

LOCATION_CODE	LOCATION_TYPE	DATE SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE ID	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS
80105	WL	8/13/2009	09082511	100-41-4	Ethylbenzene	N001	0.16	ug/L	U	F	0.16		valid
80105	WL	8/13/2009	09082511	100-41-4	Ethylbenzene	N002	0.16	ug/L	U	D	0.16		valid
80105	WL	8/13/2009	09082511	206-44-0	Fluoranthene	N001	0.2	ug/L	U	F	0.2		valid
80105	WL	8/13/2009	09082511	206-44-0	Fluoranthene	N002	0.2	ug/L	U	D	0.2		valid
80105	WL	8/13/2009	09082511	86-73-7	Fluorene	N001	0.31	ug/L	U	F	0.31		valid
80105	WL	8/13/2009	09082511	86-73-7	Fluorene	N002	0.31	ug/L	U	D	0.31		valid
80105	WL	8/13/2009	09082511	118-74-1	Hexachlorobenzene	N001	0.66	ug/L	U	F	0.66		valid
80105	WL	8/13/2009	09082511	118-74-1	Hexachlorobenzene	N002	0.66	ug/L	U	D	0.66		valid
80105	WL	8/13/2009	09082511	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12		valid
80105	WL	8/13/2009	09082511	87-68-3	Hexachlorobutadiene	N002	0.12	ug/L	U	D	0.12		valid
80105	WL	8/13/2009	09082511	77-47-4	Hexachlorocyclopentadiene	N001	1.5	ug/L	U	F	1.5		valid
80105	WL	8/13/2009	09082511	77-47-4	Hexachlorocyclopentadiene	N002	1.5	ug/L	U	D	1.5		valid
80105	WL	8/13/2009	09082511	67-72-1	Hexachloroethane	N001	2.1	ug/L	U	F	2.1		valid
80105	WL	8/13/2009	09082511	67-72-1	Hexachloroethane	N002	2.1	ug/L	U	D	2.1		valid
80105	WL	8/13/2009	09082511	193-39-5	Indeno(1,2,3-cd)pyrene	N001	0.65	ug/L	U	F	0.65		valid
80105	WL	8/13/2009	09082511	193-39-5	Indeno(1,2,3-cd)pyrene	N002	0.65	ug/L	U	D	0.65		valid
80105	WL	8/13/2009	09082511	78-59-1	Isophorone	N001	0.21	ug/L	U	F	0.21		valid
80105	WL	8/13/2009	09082511	78-59-1	Isophorone	N002	0.21	ug/L	U	D	0.21		valid
80105	WL	8/13/2009	09082511	7439-92-1	Lead	0001	2.6	ug/L	U	F	2.6		valid
80105	WL	8/13/2009	09082511	7439-92-1	Lead	0002	2.6	ug/L	U	D	2.6		valid
80105	WL	8/13/2009	09082511	7439-97-6	Mercury	0001	0.027	ug/L	U	F	0.027		valid
80105	WL	8/13/2009	09082511	7439-97-6	Mercury	0002	0.027	ug/L	U	D	0.027		valid
80105	WL	8/13/2009	09082511	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32		valid
80105	WL	8/13/2009	09082511	75-09-2	Methylene chloride	N002	0.32	ug/L	U	D	0.32		valid
80105	WL	8/13/2009	09082511	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22		valid
80105	WL	8/13/2009	09082511	91-20-3	Naphthalene	N002	0.22	ug/L	U	D	0.22		valid
80105	WL	8/13/2009	09082511	7440-02-0	Nickel	0001	1.3	ug/L	U	F	1.3		valid
80105	WL	8/13/2009	09082511	7440-02-0	Nickel	0002	1.3	ug/L	U	D	1.3		valid
80105	WL	8/13/2009	09082511	98-95-3	Nitrobenzene	N001	0.81	ug/L	U	F	0.81		valid
80105	WL	8/13/2009	09082511	98-95-3	Nitrobenzene	N002	0.81	ug/L	U	D	0.81		valid
80105	WL	8/13/2009	09082511	621-64-7	N-Nitrosodi-n-propylamine	N001	0.35	ug/L	U	F	0.35		valid
80105	WL	8/13/2009	09082511	621-64-7	N-Nitrosodi-n-propylamine	N002	0.35	ug/L	U	D	0.35		valid
80105	WL	8/13/2009	09082511	86-30-6	N-Nitrosodiphenylamine	N001	0.44	ug/L	U	F	0.44		valid
80105	WL	8/13/2009	09082511	86-30-6	N-Nitrosodiphenylamine	N002	0.44	ug/L	U	D	0.44		valid
80105	WL	8/13/2009	09082511	87-86-5	Pentachlorophenol	N001	20	ug/L	U	F	20		valid
80105	WL	8/13/2009	09082511	87-86-5	Pentachlorophenol	N002	20	ug/L	U	D	20		valid
80105	WL	8/13/2009	09082511	108-95-2	Phenol	N001	2	ug/L	U	F	2		valid
80105	WL	8/13/2009	09082511	108-95-2	Phenol	N002	2	ug/L	U	D	2		valid
80105	WL	8/13/2009	09082511	129-00-0	Pyrene	N001	0.37	ug/L	U	F	0.37		valid
80105	WL	8/13/2009	09082511	129-00-0	Pyrene	N002	0.37	ug/L	U	D	0.37		valid
80105	WL	8/13/2009	09082511	7782-49-2	Selenium	0001	4.9	ug/L	U	F	4.9		J
80105	WL	8/13/2009	09082511	7782-49-2	Selenium	0002	4.9	ug/L	U	D	4.9		J
80105	WL	8/13/2009	09082511	7440-22-4	Silver	0001	0.93	ug/L	U	F	0.93		valid
80105	WL	8/13/2009	09082511	7440-22-4	Silver	0002	0.93	ug/L	U	D	0.93		valid
80105	WL	8/13/2009	09082511	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		valid
80105	WL	8/13/2009	09082511	100-42-5	Styrene	N002	0.17	ug/L	U	D	0.17		valid
80105	WL	8/13/2009	09082511	127-18-4	Tetrachloroethene	N001	0.2	ug/L	U	F	0.2		valid
80105	WL	8/13/2009	09082511	127-18-4	Tetrachloroethene	N002	0.2	ug/L	U	D	0.2		valid
80105	WL	8/13/2009	09082511	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17		valid
80105	WL	8/13/2009	09082511	108-88-3	Toluene	N002	0.17	ug/L	U	D	0.17		valid
80105	WL	8/13/2009	09082511	1330-20-7	Total Xylenes	N001	0.19	ug/L	U	F	0.19		valid
80105	WL	8/13/2009	09082511	1330-20-7	Total Xylenes	N002	0.19	ug/L	U	D	0.19		valid
80105	WL	8/13/2009	09082511	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
80105	WL	8/13/2009	09082511	156-60-5	trans-1,2-Dichloroethene	N002	0.15	ug/L	U	D	0.15		valid

LOCATION_CODE	LOCATION_TYPE	DATE SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE ID	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS
80105	WL	8/13/2009	09082511	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19		valid
80105	WL	8/13/2009	09082511	10061-02-6	trans-1,3-dichloropropene	N002	0.19	ug/L	U	D	0.19		valid
80105	WL	8/13/2009	09082511	79-01-6	Trichloroethene	N001	0.16	ug/L	U	F	0.16		valid
80105	WL	8/13/2009	09082511	79-01-6	Trichloroethene	N002	0.16	ug/L	U	D	0.16		valid
80105	WL	8/13/2009	09082511	7440-61-1	Uranium	0001	10	ug/L		F	0.02		valid
80105	WL	8/13/2009	09082511	7440-61-1	Uranium	0002	10	ug/L		D	0.02		valid
80105	WL	8/13/2009	09082511	75-01-4	Vinyl chloride	N001	0.4	ug/L	U	F	0.4		valid
80105	WL	8/13/2009	09082511	75-01-4	Vinyl chloride	N002	0.4	ug/L	U	D	0.4		valid
80105	WL	8/13/2009	09082511	7440-66-6	Zinc	0001	4.9	ug/L	B	F	4.5		J
80105	WL	8/13/2009	09082511	7440-66-6	Zinc	0002	7.3	ug/L	B	D	4.5		J
80205	WL	8/11/2009	09082511	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.16		valid
80205	WL	8/11/2009	09082511	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2		valid
80205	WL	8/11/2009	09082511	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32		valid
80205	WL	8/11/2009	09082511	75-35-4	1,1-Dichloroethene	N001	0.14	ug/L	U	F	0.14		valid
80205	WL	8/11/2009	09082511	120-82-1	1,2,4-Trichlorobenzene	N001	0.28	ug/L	U	F	0.28		valid
80205	WL	8/11/2009	09082511	96-12-8	1,2-Dibromo-3-chloropropane	N001	0.81	ug/L	U	F	0.81		valid
80205	WL	8/11/2009	09082511	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18		valid
80205	WL	8/11/2009	09082511	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.13		valid
80205	WL	8/11/2009	09082511	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13		valid
80205	WL	8/11/2009	09082511	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13		valid
80205	WL	8/11/2009	09082511	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
80205	WL	8/11/2009	09082511	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
80205	WL	8/11/2009	09082511	105-67-9	2, 4-Dimethylphenol	N001	0.58	ug/L	U	F	0.58		valid
80205	WL	8/11/2009	09082511	95-95-4	2,4,5-Trichlorophenol	N001	0.45	ug/L	U	F	0.45		valid
80205	WL	8/11/2009	09082511	88-06-2	2,4,6-Trichlorophenol	N001	0.29	ug/L	U	F	0.29		valid
80205	WL	8/11/2009	09082511	120-83-2	2,4-Dichlorophenol	N001	0.64	ug/L	U	F	0.64		valid
80205	WL	8/11/2009	09082511	51-28-5	2,4-Dinitrophenol	N001	10	ug/L	U	F	10		valid
80205	WL	8/11/2009	09082511	121-14-2	2,4-Dinitrotoluene	N001	1.7	ug/L	U	F	1.7		valid
80205	WL	8/11/2009	09082511	606-20-2	2,6-Dinitrotoluene	N001	1.9	ug/L	U	F	1.9		valid
80205	WL	8/11/2009	09082511	91-58-7	2-Chloronaphthalene	N001	0.26	ug/L	U	F	0.26		valid
80205	WL	8/11/2009	09082511	95-57-8	2-Chlorophenol	N001	2	ug/L	U	F	2		valid
80205	WL	8/11/2009	09082511	91-94-1	3,3'-Dichlorobenzidine	N001	2	ug/L	U	F	2		valid
80205	WL	8/11/2009	09082511	534-52-1	4,6-Dinitro-2-methyl phenol	N001	4	ug/L	U	F	4		valid
80205	WL	8/11/2009	09082511	59-50-7	4-Chloro-3-methylphenol	N001	2.4	ug/L	U	F	2.4		valid
80205	WL	8/11/2009	09082511	100-02-7	4-Nitrophenol	N001	1.2	ug/L	U	F	1.2		valid
80205	WL	8/11/2009	09082511	83-32-9	Acenaphthene	N001	0.28	ug/L	U	F	0.28		valid
80205	WL	8/11/2009	09082511	120-12-7	Anthracene	N001	0.42	ug/L	U	F	0.42		valid
80205	WL	8/11/2009	09082511	7440-38-2	Arsenic	0001	4.4	ug/L	U	F	4.4		valid
80205	WL	8/11/2009	09082511	56-55-3	Benz(a)anthracene	N001	0.35	ug/L	U	F	0.35		valid
80205	WL	8/11/2009	09082511	71-43-2	Benzene	N001	0.16	ug/L	U	F	0.16		valid
80205	WL	8/11/2009	09082511	50-32-8	Benzo(a)pyrene	N001	0.31	ug/L	U	F	0.31		valid
80205	WL	8/11/2009	09082511	205-99-2	Benzo(b)fluoranthene	N001	0.53	ug/L	U	F	0.53		valid
80205	WL	8/11/2009	09082511	191-24-2	Benzo(g,h,i)Perylene	N001	0.5	ug/L	U	F	0.5		valid
80205	WL	8/11/2009	09082511	207-08-9	Benzo(k)fluoranthene	N001	0.46	ug/L	U	F	0.46		valid
80205	WL	8/11/2009	09082511	7440-41-7	Beryllium	0001	0.47	ug/L	U	F	0.47		valid
80205	WL	8/11/2009	09082511	111-44-4	Bis(2-chloroethyl) ether	N001	0.41	ug/L	U	F	0.41		valid
80205	WL	8/11/2009	09082511	108-60-1	Bis(2-chloroisopropyl) ether	N001	0.28	ug/L	U	F	0.28		valid
80205	WL	8/11/2009	09082511	117-81-7	Bis(2-ethylhexyl) phthalate	N001	3.7	ug/L	J B	F	0.56		U
80205	WL	8/11/2009	09082511	7440-42-8	Boron	0001	73	ug/L	J	F	1.6		valid
80205	WL	8/11/2009	09082511	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17		valid
80205	WL	8/11/2009	09082511	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19		valid
80205	WL	8/11/2009	09082511	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21		valid
80205	WL	8/11/2009	09082511	85-68-7	Butyl benzyl phthalate	N001	1	ug/L	U	F	1		valid
80205	WL	8/11/2009	09082511	7440-43-9	Cadmium	0001	1	ug/L	B	F	0.45		valid

LOCATION_CODE	LOCATION_TYPE	DATE SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE ID	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS
80205	WL	8/11/2009	09082511	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19		valid
80205	WL	8/11/2009	09082511	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17		valid
80205	WL	8/11/2009	09082511	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17		valid
80205	WL	8/11/2009	09082511	67-66-3	Chloroform	N001	0.16	ug/L	U	F	0.16		valid
80205	WL	8/11/2009	09082511	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3		valid
80205	WL	8/11/2009	09082511	7440-47-3	Chromium	0001	0.66	ug/L	U	F	0.66		valid
80205	WL	8/11/2009	09082511	218-01-9	Chrysene	N001	0.64	ug/L	J	F	0.54		valid
80205	WL	8/11/2009	09082511	156-59-2	cis-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
80205	WL	8/11/2009	09082511	7440-50-8	Copper	0001	1.5	ug/L	B	F	1.4		valid
80205	WL	8/11/2009	09082511	53-70-3	Dibenz(a,h)anthracene	N001	0.51	ug/L	U	F	0.51		valid
80205	WL	8/11/2009	09082511	84-66-2	Diethyl phthalate	N001	0.38	ug/L	U	F	0.38		valid
80205	WL	8/11/2009	09082511	131-11-3	Dimethyl phthalate	N001	0.21	ug/L	U	F	0.21		valid
80205	WL	8/11/2009	09082511	84-74-2	Di-n-butyl phthalate	N001	1.2	ug/L	U	F	1.2		valid
80205	WL	8/11/2009	09082511	100-41-4	Ethylbenzene	N001	0.16	ug/L	U	F	0.16		valid
80205	WL	8/11/2009	09082511	206-44-0	Fluoranthene	N001	0.2	ug/L	U	F	0.2		valid
80205	WL	8/11/2009	09082511	86-73-7	Fluorene	N001	0.31	ug/L	U	F	0.31		valid
80205	WL	8/11/2009	09082511	118-74-1	Hexachlorobenzene	N001	0.66	ug/L	U	F	0.66		valid
80205	WL	8/11/2009	09082511	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12		valid
80205	WL	8/11/2009	09082511	77-47-4	Hexachlorocyclopentadiene	N001	1.5	ug/L	U	F	1.5		valid
80205	WL	8/11/2009	09082511	67-72-1	Hexachloroethane	N001	2.1	ug/L	U	F	2.1		valid
80205	WL	8/11/2009	09082511	193-39-5	Indeno(1,2,3-cd)pyrene	N001	0.65	ug/L	U	F	0.65		valid
80205	WL	8/11/2009	09082511	78-59-1	Isophorone	N001	0.21	ug/L	U	F	0.21		valid
80205	WL	8/11/2009	09082511	7439-92-1	Lead	0001	2.6	ug/L	U	F	2.6		valid
80205	WL	8/11/2009	09082511	7439-97-6	Mercury	0001	0.027	ug/L	U	F	0.027		valid
80205	WL	8/11/2009	09082511	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32		valid
80205	WL	8/11/2009	09082511	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22		valid
80205	WL	8/11/2009	09082511	7440-02-0	Nickel	0001	1.6	ug/L	B	F	1.3		valid
80205	WL	8/11/2009	09082511	98-95-3	Nitrobenzene	N001	0.81	ug/L	U	F	0.81		valid
80205	WL	8/11/2009	09082511	621-64-7	N-Nitrosodi-n-propylamine	N001	0.35	ug/L	U	F	0.35		valid
80205	WL	8/11/2009	09082511	86-30-6	N-Nitrosodiphenylamine	N001	0.44	ug/L	U	F	0.44		valid
80205	WL	8/11/2009	09082511	87-86-5	Pentachlorophenol	N001	20	ug/L	U	F	20		valid
80205	WL	8/11/2009	09082511	108-95-2	Phenol	N001	2	ug/L	U	F	2		valid
80205	WL	8/11/2009	09082511	129-00-0	Pyrene	N001	0.37	ug/L	U	F	0.37		valid
80205	WL	8/11/2009	09082511	7782-49-2	Selenium	0001	4.9	ug/L	U	F	4.9		J
80205	WL	8/11/2009	09082511	7440-22-4	Silver	0001	0.93	ug/L	U	F	0.93		valid
80205	WL	8/11/2009	09082511	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		valid
80205	WL	8/11/2009	09082511	127-18-4	Tetrachloroethene	N001	0.2	ug/L	U	F	0.2		valid
80205	WL	8/11/2009	09082511	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17		valid
80205	WL	8/11/2009	09082511	1330-20-7	Total Xylenes	N001	0.19	ug/L	U	F	0.19		valid
80205	WL	8/11/2009	09082511	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
80205	WL	8/11/2009	09082511	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19		valid
80205	WL	8/11/2009	09082511	79-01-6	Trichloroethene	N001	0.16	ug/L	U	F	0.16		valid
80205	WL	8/11/2009	09082511	7440-61-1	Uranium	0001	58	ug/L		F	0.02		valid
80205	WL	8/11/2009	09082511	75-01-4	Vinyl chloride	N001	0.4	ug/L	U	F	0.4		valid
80205	WL	8/11/2009	09082511	7440-66-6	Zinc	0001	5.8	ug/L	B	F	4.5		J
A3 POND	SL	9/28/2009	09092612	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	0.019	mg/L	U	F	0.019		valid
GS05	SL	5/28/2009	09092622	7440-38-2	Arsenic	N001	11.7	ug/L	B	F	5		U
GS05	SL	5/28/2009	09092622	7440-41-7	Beryllium	N001	1	ug/L	U	F	1		valid
GS05	SL	5/28/2009	09092622	7440-42-8	Boron	N001	41.8	ug/L	B	F	15		U
GS05	SL	5/28/2009	09092622	7440-43-9	Cadmium	0001	1	ug/L	U	F	1		valid
GS05	SL	5/28/2009	09092622	7440-47-3	Chromium	N001	4.93	ug/L	B	F	1		valid
GS05	SL	5/28/2009	09092622	7440-50-8	Copper	0001	3	ug/L	U	F	3		valid
GS05	SL	5/28/2009	09092622	7439-92-1	Lead	0001	3.3	ug/L	U	F	3.3		valid
GS05	SL	5/28/2009	09092622	7439-97-6	Mercury	N001	0.066	ug/L	U	F	0.066		valid

LOCATION_CODE	LOCATION_TYPE	DATE SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE ID	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS
GS05	SL	5/28/2009	09092622	7440-02-0	Nickel	0001	1.75	ug/L	B	F	1.5		valid
GS05	SL	5/28/2009	09092622	7782-49-2	Selenium	N001	9.43	ug/L	B	F	5		valid
GS05	SL	5/28/2009	09092622	7440-22-4	Silver	0001	1	ug/L	U	F	1		valid
GS05	SL	5/28/2009	09092622	7440-61-1	Uranium	N001	1.28	ug/L		F	0.05		valid
GS05	SL	5/28/2009	09092622	7440-66-6	Zinc	0001	3.41	ug/L	B	F	3.3		valid
GS05	SL	7/7/2009	09072444	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.16		valid
GS05	SL	7/7/2009	09072444	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2		valid
GS05	SL	7/7/2009	09072444	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32		valid
GS05	SL	7/7/2009	09072444	75-35-4	1,1-Dichloroethene	N001	0.14	ug/L	U	F	0.14		valid
GS05	SL	7/7/2009	09072444	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32		valid
GS05	SL	7/7/2009	09072444	96-12-8	1,2-Dibromo-3-chloropropane	N001	0.81	ug/L	U	F	0.81		valid
GS05	SL	7/7/2009	09072444	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18		valid
GS05	SL	7/7/2009	09072444	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.13		valid
GS05	SL	7/7/2009	09072444	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13		valid
GS05	SL	7/7/2009	09072444	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13		valid
GS05	SL	7/7/2009	09072444	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
GS05	SL	7/7/2009	09072444	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
GS05	SL	7/7/2009	09072444	71-43-2	Benzene	N001	0.16	ug/L	U	F	0.16		valid
GS05	SL	7/7/2009	09072444	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17		valid
GS05	SL	7/7/2009	09072444	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19		valid
GS05	SL	7/7/2009	09072444	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21		valid
GS05	SL	7/7/2009	09072444	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19		valid
GS05	SL	7/7/2009	09072444	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17		valid
GS05	SL	7/7/2009	09072444	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17		valid
GS05	SL	7/7/2009	09072444	67-66-3	Chloroform	N001	0.16	ug/L	U	F	0.16		valid
GS05	SL	7/7/2009	09072444	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3		valid
GS05	SL	7/7/2009	09072444	156-59-2	cis-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
GS05	SL	7/7/2009	09072444	100-41-4	Ethylbenzene	N001	0.16	ug/L	U	F	0.16		valid
GS05	SL	7/7/2009	09072444	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12		valid
GS05	SL	7/7/2009	09072444	7439-97-6	Mercury	N001	0.027	ug/L	U	F	0.027		valid
GS05	SL	7/7/2009	09072444	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32		valid
GS05	SL	7/7/2009	09072444	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22		valid
GS05	SL	7/7/2009	09072444	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		valid
GS05	SL	7/7/2009	09072444	127-18-4	Tetrachloroethene	N001	0.2	ug/L	U	F	0.2		valid
GS05	SL	7/7/2009	09072444	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17		valid
GS05	SL	7/7/2009	09072444	1330-20-7	Total Xylenes	N001	0.19	ug/L	U	F	0.19		valid
GS05	SL	7/7/2009	09072444	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
GS05	SL	7/7/2009	09072444	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19		valid
GS05	SL	7/7/2009	09072444	79-01-6	Trichloroethene	N001	0.16	ug/L	U	F	0.16		valid
GS05	SL	7/7/2009	09072444	75-01-4	Vinyl chloride	N001	0.4	ug/L	U	F	0.4		valid
GS10	SL	7/6/2009	09082520	AM-241	Americium-241	N001	0.00236	pCi/L	U	F	0.0191	0.00349	valid
GS10	SL	7/6/2009	09082520	7440-41-7	Beryllium	N001	1	ug/L	U	F	1		valid
GS10	SL	7/6/2009	09082520	7440-43-9	Cadmium	0001	0.11	ug/L	U	F	0.11		valid
GS10	SL	7/6/2009	09082520	7440-47-3	Chromium	N001	1.08	ug/L	B	F	1		valid
GS10	SL	7/6/2009	09082520	HARDNESS	Hardness	N001	549	mg/L		F	5		valid
GS10	SL	7/6/2009	09082520	PU-239,240	Plutonium-239, 240	N001	0.00239	pCi/L	U	F	0.018	0.0047	valid
GS10	SL	7/6/2009	09082520	7440-22-4	Silver	0001	0.2	ug/L	U	F	0.2		valid
GS10	SL	7/6/2009	09082520	7440-61-1	Uranium	N001	10.6	ug/L		F	0.05		valid
GS10	SL	8/13/2009	09092622	AM-241	Americium-241	N001	0.00355	pCi/L	U	F	0.0201	0.00698	valid
GS10	SL	8/13/2009	09092622	7440-41-7	Beryllium	N001	1	ug/L	U	F	1		valid
GS10	SL	8/13/2009	09092622	7440-43-9	Cadmium	0001	0.11	ug/L	U	F	0.11		valid
GS10	SL	8/13/2009	09092622	7440-47-3	Chromium	N001	1	ug/L	U	F	1		valid
GS10	SL	8/13/2009	09092622	HARDNESS	Hardness	N001	589	mg/L		F	10		valid
GS10	SL	8/13/2009	09092622	PU-239,240	Plutonium-239, 240	N001	0.00378	pCi/L	U	F	0.0119	0.00525	valid

LOCATION_CODE	LOCATION_TYPE	DATE SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE ID	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS
GS10	SL	8/13/2009	09092622	7440-22-4	Silver	0001	0.2	ug/L	U	F	0.2		valid
GS10	SL	8/13/2009	09092622	7440-61-1	Uranium	N001	7.75	ug/L		F	0.05		valid
GS10	SL	9/22/2009	09102672	AM-241	Americium-241	N001	0.00428	pCi/L	U	F	0.0144	0.00406	valid
GS10	SL	9/22/2009	09102672	7440-41-7	Beryllium	N001	1	ug/L	U	F	1		valid
GS10	SL	9/22/2009	09102672	7440-43-9	Cadmium	0001	0.11	ug/L	U	F	0.11		valid
GS10	SL	9/22/2009	09102672	7440-47-3	Chromium	N001	1	ug/L	U	F	1		valid
GS10	SL	9/22/2009	09102672	HARDNESS	Hardness	N001	549	mg/L		F	2		valid
GS10	SL	9/22/2009	09102672	PU-239,240	Plutonium-239, 240	N001	0.00394	pCi/L	U	F	0.0167	0.00855	valid
GS10	SL	9/22/2009	09102672	7440-22-4	Silver	0001	0.2	ug/L	U	F	0.2		valid
GS10	SL	9/22/2009	09102672	7440-61-1	Uranium	N001	11.4	ug/L		F	0.05		valid
GS13	SL	7/6/2009	09072470	7440-61-1	Uranium	N001	19	ug/L		F	0.02		valid
GS13	SL	7/21/2009	09082517	7440-61-1	Uranium	N001	22	ug/L		F	0.02		valid
GS13	SL	8/6/2009	09082543	7440-61-1	Uranium	N001	26	ug/L		F	0.02		valid
GS13	SL	8/21/2009	09102672	7440-61-1	Uranium	N001	44.1	ug/L		F	0.05		valid
GS59	SL	5/28/2009	09092622	7440-38-2	Arsenic	N001	5	ug/L	U	F	5		valid
GS59	SL	5/28/2009	09092622	7440-41-7	Beryllium	N001	1	ug/L	U	F	1		valid
GS59	SL	5/28/2009	09092622	7440-42-8	Boron	N001	38	ug/L	B	F	15		U
GS59	SL	5/28/2009	09092622	7440-43-9	Cadmium	0001	1	ug/L	U	F	1		valid
GS59	SL	5/28/2009	09092622	7440-47-3	Chromium	N001	1.48	ug/L	B	F	1		valid
GS59	SL	5/28/2009	09092622	7440-50-8	Copper	0001	3	ug/L	U	F	3		valid
GS59	SL	5/28/2009	09092622	7439-92-1	Lead	0001	3.3	ug/L	U	F	3.3		valid
GS59	SL	5/28/2009	09092622	7439-97-6	Mercury	N001	0.066	ug/L	U	F	0.066		valid
GS59	SL	5/28/2009	09092622	7440-02-0	Nickel	0001	1.79	ug/L	B	F	1.5		valid
GS59	SL	5/28/2009	09092622	7782-49-2	Selenium	N001	5	ug/L	U	F	5		valid
GS59	SL	5/28/2009	09092622	7440-22-4	Silver	0001	1	ug/L	U	F	1		valid
GS59	SL	5/28/2009	09092622	7440-61-1	Uranium	N001	0.05	ug/L		F	0.05		valid
GS59	SL	5/28/2009	09092622	7440-66-6	Zinc	0001	4.05	ug/L	B	F	3.3		valid
GS59	SL	7/7/2009	09072444	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.16		valid
GS59	SL	7/7/2009	09072444	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2		valid
GS59	SL	7/7/2009	09072444	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32		valid
GS59	SL	7/7/2009	09072444	75-35-4	1,1-Dichloroethene	N001	0.14	ug/L	U	F	0.14		valid
GS59	SL	7/7/2009	09072444	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32		valid
GS59	SL	7/7/2009	09072444	96-12-8	1,2-Dibromo-3-chloropropane	N001	0.81	ug/L	U	F	0.81		valid
GS59	SL	7/7/2009	09072444	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18		valid
GS59	SL	7/7/2009	09072444	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.13		valid
GS59	SL	7/7/2009	09072444	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13		valid
GS59	SL	7/7/2009	09072444	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13		valid
GS59	SL	7/7/2009	09072444	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
GS59	SL	7/7/2009	09072444	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
GS59	SL	7/7/2009	09072444	71-43-2	Benzene	N001	0.16	ug/L	U	F	0.16		valid
GS59	SL	7/7/2009	09072444	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17		valid
GS59	SL	7/7/2009	09072444	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19		valid
GS59	SL	7/7/2009	09072444	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21		valid
GS59	SL	7/7/2009	09072444	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19		valid
GS59	SL	7/7/2009	09072444	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17		valid
GS59	SL	7/7/2009	09072444	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17		valid
GS59	SL	7/7/2009	09072444	67-66-3	Chloroform	N001	0.16	ug/L	U	F	0.16		valid
GS59	SL	7/7/2009	09072444	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3		valid
GS59	SL	7/7/2009	09072444	156-59-2	cis-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
GS59	SL	7/7/2009	09072444	100-41-4	Ethylbenzene	N001	0.16	ug/L	U	F	0.16		valid
GS59	SL	7/7/2009	09072444	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12		valid
GS59	SL	7/7/2009	09072444	7439-97-6	Mercury	N001	0.027	ug/L	U	F	0.027		valid
GS59	SL	7/7/2009	09072444	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32		valid
GS59	SL	7/7/2009	09072444	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22		valid

LOCATION_CODE	LOCATION_TYPE	DATE SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE ID	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS
GS59	SL	7/7/2009	09072444	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		valid
GS59	SL	7/7/2009	09072444	127-18-4	Tetrachloroethene	N001	0.2	ug/L	U	F	0.2		valid
GS59	SL	7/7/2009	09072444	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17		valid
GS59	SL	7/7/2009	09072444	1330-20-7	Total Xylenes	N001	0.19	ug/L	U	F	0.19		valid
GS59	SL	7/7/2009	09072444	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
GS59	SL	7/7/2009	09072444	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19		valid
GS59	SL	7/7/2009	09072444	79-01-6	Trichloroethene	N001	0.16	ug/L	U	F	0.16		valid
GS59	SL	7/7/2009	09072444	75-01-4	Vinyl chloride	N001	0.4	ug/L	U	F	0.4		valid
P416589	WL	9/2/2009	09082527	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.16		valid
P416589	WL	9/2/2009	09082527	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2		valid
P416589	WL	9/2/2009	09082527	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32		valid
P416589	WL	9/2/2009	09082527	75-35-4	1,1-Dichloroethene	N001	0.14	ug/L	U	F	0.14		valid
P416589	WL	9/2/2009	09082527	120-82-1	1,2,4-Trichlorobenzene	N001	0.28	ug/L	U	F	0.28		valid
P416589	WL	9/2/2009	09082527	96-12-8	1,2-Dibromo-3-chloropropane	N001	0.81	ug/L	U	F	0.81		valid
P416589	WL	9/2/2009	09082527	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18		valid
P416589	WL	9/2/2009	09082527	95-50-1	1,2-Dichlorobenzene	N001	0.17	ug/L	J	F	0.13		valid
P416589	WL	9/2/2009	09082527	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13		valid
P416589	WL	9/2/2009	09082527	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13		valid
P416589	WL	9/2/2009	09082527	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
P416589	WL	9/2/2009	09082527	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
P416589	WL	9/2/2009	09082527	105-67-9	2, 4-Dimethylphenol	N001	0.58	ug/L	U	F	0.58		valid
P416589	WL	9/2/2009	09082527	95-95-4	2,4,5-Trichlorophenol	N001	0.45	ug/L	U	F	0.45		valid
P416589	WL	9/2/2009	09082527	88-06-2	2,4,6-Trichlorophenol	N001	0.29	ug/L	U	F	0.29		valid
P416589	WL	9/2/2009	09082527	120-83-2	2,4-Dichlorophenol	N001	0.64	ug/L	U	F	0.64		valid
P416589	WL	9/2/2009	09082527	51-28-5	2,4-Dinitrophenol	N001	10	ug/L	U	F	10		valid
P416589	WL	9/2/2009	09082527	121-14-2	2,4-Dinitrotoluene	N001	1.7	ug/L	U	F	1.7		valid
P416589	WL	9/2/2009	09082527	606-20-2	2,6-Dinitrotoluene	N001	1.9	ug/L	U	F	1.9		valid
P416589	WL	9/2/2009	09082527	91-58-7	2-Chloronaphthalene	N001	0.26	ug/L	U	F	0.26		valid
P416589	WL	9/2/2009	09082527	95-57-8	2-Chlorophenol	N001	2	ug/L	U	F	2		valid
P416589	WL	9/2/2009	09082527	91-94-1	3,3'-Dichlorobenzidine	N001	2	ug/L	U	F	2		valid
P416589	WL	9/2/2009	09082527	534-52-1	4,6-Dinitro-2-methyl phenol	N001	4	ug/L	U	F	4		valid
P416589	WL	9/2/2009	09082527	59-50-7	4-Chloro-3-methylphenol	N001	2.4	ug/L	U	F	2.4		valid
P416589	WL	9/2/2009	09082527	100-02-7	4-Nitrophenol	N001	1.2	ug/L	U	F	1.2		valid
P416589	WL	9/2/2009	09082527	83-32-9	Acenaphthene	N001	0.28	ug/L	U	F	0.28		valid
P416589	WL	9/2/2009	09082527	120-12-7	Anthracene	N001	0.42	ug/L	U	F	0.42		valid
P416589	WL	9/2/2009	09082527	7440-38-2	Arsenic	0001	4.4	ug/L	U	F	4.4		valid
P416589	WL	9/2/2009	09082527	56-55-3	Benz(a)anthracene	N001	0.35	ug/L	U	F	0.35		valid
P416589	WL	9/2/2009	09082527	71-43-2	Benzene	N001	0.16	ug/L	U	F	0.16		valid
P416589	WL	9/2/2009	09082527	50-32-8	Benzo(a)pyrene	N001	0.31	ug/L	U	F	0.31		valid
P416589	WL	9/2/2009	09082527	205-99-2	Benzo(b)fluoranthene	N001	0.53	ug/L	U	F	0.53		valid
P416589	WL	9/2/2009	09082527	191-24-2	Benzo(g,h,i)Perylene	N001	0.5	ug/L	U	F	0.5		valid
P416589	WL	9/2/2009	09082527	207-08-9	Benzo(k)fluoranthene	N001	0.46	ug/L	U	F	0.46		valid
P416589	WL	9/2/2009	09082527	7440-41-7	Beryllium	0001	0.47	ug/L	U	F	0.47		valid
P416589	WL	9/2/2009	09082527	111-44-4	Bis(2-chloroethyl) ether	N001	0.41	ug/L	U	F	0.41		valid
P416589	WL	9/2/2009	09082527	108-60-1	Bis(2-chloroisopropyl) ether	N001	0.28	ug/L	U	F	0.28		valid
P416589	WL	9/2/2009	09082527	117-81-7	Bis(2-ethylhexyl) phthalate	N001	1.2	ug/L	J	F	0.56		J
P416589	WL	9/2/2009	09082527	7440-42-8	Boron	0001	9.7	ug/L	B J	F	1.6		U
P416589	WL	9/2/2009	09082527	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17		valid
P416589	WL	9/2/2009	09082527	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19		valid
P416589	WL	9/2/2009	09082527	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21		valid
P416589	WL	9/2/2009	09082527	85-68-7	Butyl benzyl phthalate	N001	1	ug/L	U	F	1		valid
P416589	WL	9/2/2009	09082527	7440-43-9	Cadmium	0001	0.8	ug/L	B	F	0.45		valid
P416589	WL	9/2/2009	09082527	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19		valid
P416589	WL	9/2/2009	09082527	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17		valid

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P416589	WL	9/2/2009	09082527	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17		valid
P416589	WL	9/2/2009	09082527	67-66-3	Chloroform	N001	0.19	ug/L	J	F	0.16		valid
P416589	WL	9/2/2009	09082527	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3		valid
P416589	WL	9/2/2009	09082527	7440-47-3	Chromium	0001	0.66	ug/L	U	F	0.66		valid
P416589	WL	9/2/2009	09082527	218-01-9	Chrysene	N001	0.59	ug/L	J	F	0.54		valid
P416589	WL	9/2/2009	09082527	156-59-2	cis-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
P416589	WL	9/2/2009	09082527	7440-50-8	Copper	0001	1.4	ug/L	B	F	1.4		valid
P416589	WL	9/2/2009	09082527	53-70-3	Dibenz(a,h)anthracene	N001	0.51	ug/L	U	F	0.51		valid
P416589	WL	9/2/2009	09082527	84-66-2	Diethyl phthalate	N001	0.38	ug/L	U	F	0.38		valid
P416589	WL	9/2/2009	09082527	131-11-3	Dimethyl phthalate	N001	0.21	ug/L	U	F	0.21		valid
P416589	WL	9/2/2009	09082527	84-74-2	Di-n-butyl phthalate	N001	1.2	ug/L	U	F	1.2		valid
P416589	WL	9/2/2009	09082527	100-41-4	Ethylbenzene	N001	0.16	ug/L	U	F	0.16		valid
P416589	WL	9/2/2009	09082527	206-44-0	Fluoranthene	N001	0.2	ug/L	U	F	0.2		valid
P416589	WL	9/2/2009	09082527	86-73-7	Fluorene	N001	0.31	ug/L	U	F	0.31		valid
P416589	WL	9/2/2009	09082527	118-74-1	Hexachlorobenzene	N001	0.66	ug/L	U	F	0.66		valid
P416589	WL	9/2/2009	09082527	87-68-3	Hexachlorobutadiene	N001	0.19	ug/L	J	F	0.12		valid
P416589	WL	9/2/2009	09082527	77-47-4	Hexachlorocyclopentadiene	N001	1.5	ug/L	U	F	1.5		valid
P416589	WL	9/2/2009	09082527	67-72-1	Hexachloroethane	N001	2.1	ug/L	U	F	2.1		valid
P416589	WL	9/2/2009	09082527	193-39-5	Indeno(1,2,3-cd)pyrene	N001	0.65	ug/L	U	F	0.65		valid
P416589	WL	9/2/2009	09082527	78-59-1	Isophorone	N001	0.21	ug/L	U	F	0.21		valid
P416589	WL	9/2/2009	09082527	7439-92-1	Lead	0001	2.6	ug/L	U	F	2.6		valid
P416589	WL	9/2/2009	09082527	7439-97-6	Mercury	0001	0.027	ug/L	U	F	0.027		J
P416589	WL	9/2/2009	09082527	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32		valid
P416589	WL	9/2/2009	09082527	91-20-3	Naphthalene	N001	0.36	ug/L	J	F	0.22		valid
P416589	WL	9/2/2009	09082527	7440-02-0	Nickel	0001	1.3	ug/L	U	F	1.3		valid
P416589	WL	9/2/2009	09082527	98-95-3	Nitrobenzene	N001	0.81	ug/L	U	F	0.81		valid
P416589	WL	9/2/2009	09082527	621-64-7	N-Nitrosodi-n-propylamine	N001	0.35	ug/L	U	F	0.35		valid
P416589	WL	9/2/2009	09082527	86-30-6	N-Nitrosodiphenylamine	N001	0.44	ug/L	U	F	0.44		valid
P416589	WL	9/2/2009	09082527	87-86-5	Pentachlorophenol	N001	20	ug/L	U	F	20		valid
P416589	WL	9/2/2009	09082527	108-95-2	Phenol	N001	2	ug/L	U	F	2		valid
P416589	WL	9/2/2009	09082527	129-00-0	Pyrene	N001	0.37	ug/L	U	F	0.37		valid
P416589	WL	9/2/2009	09082527	7782-49-2	Selenium	0001	4.9	ug/L	U	F	4.9		valid
P416589	WL	9/2/2009	09082527	7440-22-4	Silver	0001	0.93	ug/L	U	F	0.93		valid
P416589	WL	9/2/2009	09082527	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		valid
P416589	WL	9/2/2009	09082527	127-18-4	Tetrachloroethene	N001	0.2	ug/L	U	F	0.2		valid
P416589	WL	9/2/2009	09082527	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17		valid
P416589	WL	9/2/2009	09082527	1330-20-7	Total Xylenes	N001	0.19	ug/L	U	F	0.19		valid
P416589	WL	9/2/2009	09082527	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
P416589	WL	9/2/2009	09082527	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19		valid
P416589	WL	9/2/2009	09082527	79-01-6	Trichloroethene	N001	0.16	ug/L	U	F	0.16		valid
P416589	WL	9/2/2009	09082527	7440-61-1	Uranium	0001	1.1	ug/L	B	F	0.1		valid
P416589	WL	9/2/2009	09082527	75-01-4	Vinyl chloride	N001	0.4	ug/L	U	F	0.4		valid
P416589	WL	9/2/2009	09082527	7440-66-6	Zinc	0001	6.5	ug/L	B	F	4.5		J
PLFSEEPINF	TS	7/7/2009	09072444	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.16		valid
PLFSEEPINF	TS	7/7/2009	09072444	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2		valid
PLFSEEPINF	TS	7/7/2009	09072444	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32		valid
PLFSEEPINF	TS	7/7/2009	09072444	75-35-4	1,1-Dichloroethene	N001	0.14	ug/L	U	F	0.14		valid
PLFSEEPINF	TS	7/7/2009	09072444	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32		valid
PLFSEEPINF	TS	7/7/2009	09072444	96-12-8	1,2-Dibromo-3-chloropropane	N001	0.81	ug/L	U	F	0.81		valid
PLFSEEPINF	TS	7/7/2009	09072444	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18		valid
PLFSEEPINF	TS	7/7/2009	09072444	95-50-1	1,2-Dichlorobenzene	N001	0.22	ug/L	J	F	0.13		valid
PLFSEEPINF	TS	7/7/2009	09072444	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13		valid
PLFSEEPINF	TS	7/7/2009	09072444	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13		valid
PLFSEEPINF	TS	7/7/2009	09072444	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid

LOCATION_CODE	LOCATION_TYPE	DATE SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE ID	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS
PLFSEEPINF	TS	7/7/2009	09072444	106-46-7	1,4-Dichlorobenzene	N001	0.21	ug/L	J	F	0.16		valid
PLFSEEPINF	TS	7/7/2009	09072444	7440-38-2	Arsenic	N001	4.4	ug/L	U	F	4.4		valid
PLFSEEPINF	TS	7/7/2009	09072444	71-43-2	Benzene	N001	1.8	ug/L		F	0.16		valid
PLFSEEPINF	TS	7/7/2009	09072444	7440-41-7	Beryllium	N001	0.47	ug/L	U	F	0.47		valid
PLFSEEPINF	TS	7/7/2009	09072444	7440-42-8	Boron	N001	1700	ug/L		F	1.6		valid
PLFSEEPINF	TS	7/7/2009	09072444	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17		valid
PLFSEEPINF	TS	7/7/2009	09072444	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19		valid
PLFSEEPINF	TS	7/7/2009	09072444	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21		valid
PLFSEEPINF	TS	7/7/2009	09072444	7440-43-9	Cadmium	0001	0.53	ug/L	B	F	0.45		valid
PLFSEEPINF	TS	7/7/2009	09072444	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19		valid
PLFSEEPINF	TS	7/7/2009	09072444	108-90-7	Chlorobenzene	N001	0.4	ug/L	J	F	0.17		valid
PLFSEEPINF	TS	7/7/2009	09072444	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17		valid
PLFSEEPINF	TS	7/7/2009	09072444	67-66-3	Chloroform	N001	0.16	ug/L	U	F	0.16		valid
PLFSEEPINF	TS	7/7/2009	09072444	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3		valid
PLFSEEPINF	TS	7/7/2009	09072444	7440-47-3	Chromium	N001	0.83	ug/L	B	F	0.66		valid
PLFSEEPINF	TS	7/7/2009	09072444	156-59-2	cis-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
PLFSEEPINF	TS	7/7/2009	09072444	7440-50-8	Copper	0001	1.4	ug/L	U	F	1.4		J
PLFSEEPINF	TS	7/7/2009	09072444	100-41-4	Ethylbenzene	N001	0.16	ug/L	U	F	0.16		valid
PLFSEEPINF	TS	7/7/2009	09072444	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12		valid
PLFSEEPINF	TS	7/7/2009	09072444	7439-92-1	Lead	0001	2.6	ug/L	U	F	2.6		valid
PLFSEEPINF	TS	7/7/2009	09072444	7439-97-6	Mercury	N001	0.027	ug/L	U	F	0.027		valid
PLFSEEPINF	TS	7/7/2009	09072444	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32		valid
PLFSEEPINF	TS	7/7/2009	09072444	91-20-3	Naphthalene	N001	19	ug/L		F	0.22		J
PLFSEEPINF	TS	7/7/2009	09072444	7440-02-0	Nickel	0001	7.7	ug/L	B	F	1.3		valid
PLFSEEPINF	TS	7/7/2009	09072444	7782-49-2	Selenium	N001	4.9	ug/L	U	F	4.9		valid
PLFSEEPINF	TS	7/7/2009	09072444	7440-22-4	Silver	0001	0.93	ug/L	U	F	0.93		valid
PLFSEEPINF	TS	7/7/2009	09072444	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		valid
PLFSEEPINF	TS	7/7/2009	09072444	127-18-4	Tetrachloroethene	N001	0.2	ug/L	U	F	0.2		valid
PLFSEEPINF	TS	7/7/2009	09072444	108-88-3	Toluene	N001	0.33	ug/L	J	F	0.17		valid
PLFSEEPINF	TS	7/7/2009	09072444	1330-20-7	Total Xylenes	N001	2.6	ug/L		F	0.19		valid
PLFSEEPINF	TS	7/7/2009	09072444	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
PLFSEEPINF	TS	7/7/2009	09072444	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19		valid
PLFSEEPINF	TS	7/7/2009	09072444	79-01-6	Trichloroethene	N001	0.16	ug/L	U	F	0.16		valid
PLFSEEPINF	TS	7/7/2009	09072444	7440-61-1	Uranium	N001	0.41	ug/L		F	0.02		valid
PLFSEEPINF	TS	7/7/2009	09072444	75-01-4	Vinyl chloride	N001	0.71	ug/L	J	F	0.4		valid
PLFSEEPINF	TS	7/7/2009	09072444	7440-66-6	Zinc	0001	4.5	ug/L	U	F	4.5		valid
PLFSYSEFF	TS	7/7/2009	09072444	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.16		valid
PLFSYSEFF	TS	7/7/2009	09072444	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2		valid
PLFSYSEFF	TS	7/7/2009	09072444	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32		valid
PLFSYSEFF	TS	7/7/2009	09072444	75-35-4	1,1-Dichloroethene	N001	0.14	ug/L	U	F	0.14		valid
PLFSYSEFF	TS	7/7/2009	09072444	120-82-1	1,2,4-Trichlorobenzene	N001	0.28	ug/L	U	F	0.28		valid
PLFSYSEFF	TS	7/7/2009	09072444	96-12-8	1,2-Dibromo-3-chloropropane	N001	0.81	ug/L	U	F	0.81		valid
PLFSYSEFF	TS	7/7/2009	09072444	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18		valid
PLFSYSEFF	TS	7/7/2009	09072444	95-50-1	1,2-Dichlorobenzene	N001	0.15	ug/L	J	F	0.13		valid
PLFSYSEFF	TS	7/7/2009	09072444	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13		valid
PLFSYSEFF	TS	7/7/2009	09072444	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13		valid
PLFSYSEFF	TS	7/7/2009	09072444	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
PLFSYSEFF	TS	7/7/2009	09072444	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
PLFSYSEFF	TS	7/7/2009	09072444	105-67-9	2, 4-Dimethylphenol	N001	0.58	ug/L	U	F	0.58		valid
PLFSYSEFF	TS	7/7/2009	09072444	95-95-4	2,4,5-Trichlorophenol	N001	0.45	ug/L	U	F	0.45		valid
PLFSYSEFF	TS	7/7/2009	09072444	88-06-2	2,4,6-Trichlorophenol	N001	0.29	ug/L	U	F	0.29		valid
PLFSYSEFF	TS	7/7/2009	09072444	120-83-2	2,4-Dichlorophenol	N001	0.64	ug/L	U	F	0.64		valid
PLFSYSEFF	TS	7/7/2009	09072444	51-28-5	2,4-Dinitrophenol	N001	10	ug/L	U	F	10		valid
PLFSYSEFF	TS	7/7/2009	09072444	121-14-2	2,4-Dinitrotoluene	N001	1.7	ug/L	U	F	1.7		valid

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PLFSYSEFF	TS	7/7/2009	09072444	606-20-2	2,6-Dinitrotoluene	N001	1.9	ug/L	U	F	1.9		valid
PLFSYSEFF	TS	7/7/2009	09072444	91-58-7	2-Chloronaphthalene	N001	0.26	ug/L	U	F	0.26		valid
PLFSYSEFF	TS	7/7/2009	09072444	95-57-8	2-Chlorophenol	N001	2	ug/L	U	F	2		valid
PLFSYSEFF	TS	7/7/2009	09072444	91-94-1	3,3'-Dichlorobenzidine	N001	2	ug/L	U	F	2		valid
PLFSYSEFF	TS	7/7/2009	09072444	534-52-1	4,6-Dinitro-2-methyl phenol	N001	4	ug/L	U	F	4		valid
PLFSYSEFF	TS	7/7/2009	09072444	59-50-7	4-Chloro-3-methylphenol	N001	2.4	ug/L	U	F	2.4		valid
PLFSYSEFF	TS	7/7/2009	09072444	100-02-7	4-Nitrophenol	N001	1.2	ug/L	U	F	1.2		valid
PLFSYSEFF	TS	7/7/2009	09072444	83-32-9	Acenaphthene	N001	1.5	ug/L	J	F	0.28		valid
PLFSYSEFF	TS	7/7/2009	09072444	120-12-7	Anthracene	N001	0.42	ug/L	U	F	0.42		valid
PLFSYSEFF	TS	7/7/2009	09072444	7440-38-2	Arsenic	N001	7.7	ug/L	B	F	4.4		valid
PLFSYSEFF	TS	7/7/2009	09072444	56-55-3	Benz(a)anthracene	N001	0.35	ug/L	U	F	0.35		valid
PLFSYSEFF	TS	7/7/2009	09072444	71-43-2	Benzene	N001	0.56	ug/L	J	F	0.16		valid
PLFSYSEFF	TS	7/7/2009	09072444	50-32-8	Benzo(a)pyrene	N001	0.31	ug/L	U	F	0.31		valid
PLFSYSEFF	TS	7/7/2009	09072444	205-99-2	Benzo(b)fluoranthene	N001	0.53	ug/L	U	F	0.53		valid
PLFSYSEFF	TS	7/7/2009	09072444	191-24-2	Benzo(g,h,i)Perylene	N001	0.5	ug/L	U	F	0.5		valid
PLFSYSEFF	TS	7/7/2009	09072444	207-08-9	Benzo(k)fluoranthene	N001	0.46	ug/L	U	F	0.46		valid
PLFSYSEFF	TS	7/7/2009	09072444	7440-41-7	Beryllium	N001	0.47	ug/L	U	F	0.47		valid
PLFSYSEFF	TS	7/7/2009	09072444	111-44-4	Bis(2-chloroethyl) ether	N001	0.41	ug/L	U	F	0.41		valid
PLFSYSEFF	TS	7/7/2009	09072444	108-60-1	Bis(2-chloroisopropyl) ether	N001	0.28	ug/L	U	F	0.28		valid
PLFSYSEFF	TS	7/7/2009	09072444	117-81-7	Bis(2-ethylhexyl) phthalate	N001	3.6	ug/L	J B	F	0.56		U
PLFSYSEFF	TS	7/7/2009	09072444	7440-42-8	Boron	N001	960	ug/L		F	1.6		valid
PLFSYSEFF	TS	7/7/2009	09072444	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17		valid
PLFSYSEFF	TS	7/7/2009	09072444	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19		valid
PLFSYSEFF	TS	7/7/2009	09072444	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21		valid
PLFSYSEFF	TS	7/7/2009	09072444	85-68-7	Butyl benzyl phthalate	N001	1	ug/L	U	F	1		valid
PLFSYSEFF	TS	7/7/2009	09072444	7440-43-9	Cadmium	0001	0.53	ug/L	B	F	0.45		valid
PLFSYSEFF	TS	7/7/2009	09072444	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19		valid
PLFSYSEFF	TS	7/7/2009	09072444	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17		valid
PLFSYSEFF	TS	7/7/2009	09072444	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17		valid
PLFSYSEFF	TS	7/7/2009	09072444	67-66-3	Chloroform	N001	0.16	ug/L	U	F	0.16		valid
PLFSYSEFF	TS	7/7/2009	09072444	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3		valid
PLFSYSEFF	TS	7/7/2009	09072444	7440-47-3	Chromium	N001	0.66	ug/L	U	F	0.66		valid
PLFSYSEFF	TS	7/7/2009	09072444	218-01-9	Chrysene	N001	0.63	ug/L	J B	F	0.54		U
PLFSYSEFF	TS	7/7/2009	09072444	156-59-2	cis-1,2-Dichloroethene	N001	0.28	ug/L	J	F	0.15		valid
PLFSYSEFF	TS	7/7/2009	09072444	7440-50-8	Copper	0001	1.4	ug/L	U	F	1.4		J
PLFSYSEFF	TS	7/7/2009	09072444	53-70-3	Dibenz(a,h)anthracene	N001	0.51	ug/L	U	F	0.51		valid
PLFSYSEFF	TS	7/7/2009	09072444	84-66-2	Diethyl phthalate	N001	0.44	ug/L	J	F	0.38		valid
PLFSYSEFF	TS	7/7/2009	09072444	131-11-3	Dimethyl phthalate	N001	0.21	ug/L	U	F	0.21		valid
PLFSYSEFF	TS	7/7/2009	09072444	84-74-2	Di-n-butyl phthalate	N001	1.2	ug/L	U	F	1.2		valid
PLFSYSEFF	TS	7/7/2009	09072444	100-41-4	Ethylbenzene	N001	0.16	ug/L	U	F	0.16		valid
PLFSYSEFF	TS	7/7/2009	09072444	206-44-0	Fluoranthene	N001	0.2	ug/L	U	F	0.2		valid
PLFSYSEFF	TS	7/7/2009	09072444	86-73-7	Fluorene	N001	1.1	ug/L	J	F	0.31		valid
PLFSYSEFF	TS	7/7/2009	09072444	118-74-1	Hexachlorobenzene	N001	0.66	ug/L	U	F	0.66		valid
PLFSYSEFF	TS	7/7/2009	09072444	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12		valid
PLFSYSEFF	TS	7/7/2009	09072444	77-47-4	Hexachlorocyclopentadiene	N001	1.5	ug/L	U	F	1.5		valid
PLFSYSEFF	TS	7/7/2009	09072444	67-72-1	Hexachloroethane	N001	2.1	ug/L	U	F	2.1		valid
PLFSYSEFF	TS	7/7/2009	09072444	193-39-5	Indeno(1,2,3-cd)pyrene	N001	0.65	ug/L	U	F	0.65		valid
PLFSYSEFF	TS	7/7/2009	09072444	78-59-1	Isophorone	N001	0.21	ug/L	U	F	0.21		valid
PLFSYSEFF	TS	7/7/2009	09072444	7439-92-1	Lead	0001	2.6	ug/L	U	F	2.6		valid
PLFSYSEFF	TS	7/7/2009	09072444	7439-97-6	Mercury	N001	0.027	ug/L	U	F	0.027		valid
PLFSYSEFF	TS	7/7/2009	09072444	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32		valid
PLFSYSEFF	TS	7/7/2009	09072444	91-20-3	Naphthalene	N001	2.7	ug/L		F	0.22		J
PLFSYSEFF	TS	7/7/2009	09072444	7440-02-0	Nickel	0001	7.3	ug/L	B	F	1.3		valid
PLFSYSEFF	TS	7/7/2009	09072444	98-95-3	Nitrobenzene	N001	0.81	ug/L	U	F	0.81		valid

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PLFSYSEFF	TS	7/7/2009	09072444	621-64-7	N-Nitrosodi-n-propylamine	N001	0.35	ug/L	U	F	0.35		valid
PLFSYSEFF	TS	7/7/2009	09072444	86-30-6	N-Nitrosodiphenylamine	N001	0.44	ug/L	U	F	0.44		valid
PLFSYSEFF	TS	7/7/2009	09072444	87-86-5	Pentachlorophenol	N001	20	ug/L	U	F	20		valid
PLFSYSEFF	TS	7/7/2009	09072444	108-95-2	Phenol	N001	2	ug/L	U	F	2		valid
PLFSYSEFF	TS	7/7/2009	09072444	129-00-0	Pyrene	N001	0.37	ug/L	U	F	0.37		valid
PLFSYSEFF	TS	7/7/2009	09072444	7782-49-2	Selenium	N001	4.9	ug/L	U	F	4.9		valid
PLFSYSEFF	TS	7/7/2009	09072444	7440-22-4	Silver	0001	0.93	ug/L	U	F	0.93		valid
PLFSYSEFF	TS	7/7/2009	09072444	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		valid
PLFSYSEFF	TS	7/7/2009	09072444	127-18-4	Tetrachloroethene	N001	0.2	ug/L	U	F	0.2		valid
PLFSYSEFF	TS	7/7/2009	09072444	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17		valid
PLFSYSEFF	TS	7/7/2009	09072444	1330-20-7	Total Xylenes	N001	0.71	ug/L	J	F	0.19		valid
PLFSYSEFF	TS	7/7/2009	09072444	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
PLFSYSEFF	TS	7/7/2009	09072444	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19		valid
PLFSYSEFF	TS	7/7/2009	09072444	79-01-6	Trichloroethene	N001	0.16	ug/L	U	F	0.16		valid
PLFSYSEFF	TS	7/7/2009	09072444	7440-61-1	Uranium	N001	1.7	ug/L		F	0.02		valid
PLFSYSEFF	TS	7/7/2009	09072444	75-01-4	Vinyl chloride	N001	0.51	ug/L	J	F	0.4		valid
PLFSYSEFF	TS	7/7/2009	09072444	7440-66-6	Zinc	0001	4.5	ug/L	U	F	4.5		valid
PLFSYSEFF	TS	8/3/2009	09082499	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.16		valid
PLFSYSEFF	TS	8/3/2009	09082499	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2		valid
PLFSYSEFF	TS	8/3/2009	09082499	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32		valid
PLFSYSEFF	TS	8/3/2009	09082499	75-35-4	1,1-Dichloroethene	N001	0.14	ug/L	U	F	0.14		valid
PLFSYSEFF	TS	8/3/2009	09082499	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32		valid
PLFSYSEFF	TS	8/3/2009	09082499	96-12-8	1,2-Dibromo-3-chloropropane	N001	0.81	ug/L	U	F	0.81		valid
PLFSYSEFF	TS	8/3/2009	09082499	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18		valid
PLFSYSEFF	TS	8/3/2009	09082499	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.13		valid
PLFSYSEFF	TS	8/3/2009	09082499	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13		valid
PLFSYSEFF	TS	8/3/2009	09082499	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13		valid
PLFSYSEFF	TS	8/3/2009	09082499	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
PLFSYSEFF	TS	8/3/2009	09082499	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
PLFSYSEFF	TS	8/3/2009	09082499	71-43-2	Benzene	N001	0.73	ug/L	J	F	0.16		valid
PLFSYSEFF	TS	8/3/2009	09082499	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17		valid
PLFSYSEFF	TS	8/3/2009	09082499	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19		valid
PLFSYSEFF	TS	8/3/2009	09082499	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21		valid
PLFSYSEFF	TS	8/3/2009	09082499	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19		valid
PLFSYSEFF	TS	8/3/2009	09082499	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17		valid
PLFSYSEFF	TS	8/3/2009	09082499	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17		valid
PLFSYSEFF	TS	8/3/2009	09082499	67-66-3	Chloroform	N001	0.16	ug/L	U	F	0.16		valid
PLFSYSEFF	TS	8/3/2009	09082499	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3		valid
PLFSYSEFF	TS	8/3/2009	09082499	156-59-2	cis-1,2-Dichloroethene	N001	0.32	ug/L	J	F	0.15		valid
PLFSYSEFF	TS	8/3/2009	09082499	100-41-4	Ethylbenzene	N001	0.16	ug/L	U	F	0.16		valid
PLFSYSEFF	TS	8/3/2009	09082499	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12		valid
PLFSYSEFF	TS	8/3/2009	09082499	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32		valid
PLFSYSEFF	TS	8/3/2009	09082499	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22		valid
PLFSYSEFF	TS	8/3/2009	09082499	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		valid
PLFSYSEFF	TS	8/3/2009	09082499	127-18-4	Tetrachloroethene	N001	0.2	ug/L	U	F	0.2		valid
PLFSYSEFF	TS	8/3/2009	09082499	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17		valid
PLFSYSEFF	TS	8/3/2009	09082499	1330-20-7	Total Xylenes	N001	0.85	ug/L	J	F	0.19		valid
PLFSYSEFF	TS	8/3/2009	09082499	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
PLFSYSEFF	TS	8/3/2009	09082499	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19		valid
PLFSYSEFF	TS	8/3/2009	09082499	79-01-6	Trichloroethene	N001	0.16	ug/L	U	F	0.16		valid
PLFSYSEFF	TS	8/3/2009	09082499	75-01-4	Vinyl chloride	N001	0.63	ug/L	J	F	0.4		valid
PLFSYSEFF	TS	9/9/2009	09092582	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.16		valid
PLFSYSEFF	TS	9/9/2009	09092582	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2		valid
PLFSYSEFF	TS	9/9/2009	09092582	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32		valid

LOCATION_CODE	LOCATION_TYPE	DATE SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE ID	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS
PLFSYSEFF	TS	9/9/2009	09092582	75-35-4	1,1-Dichloroethene	N001	0.14	ug/L	U	F	0.14		valid
PLFSYSEFF	TS	9/9/2009	09092582	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32		valid
PLFSYSEFF	TS	9/9/2009	09092582	96-12-8	1,2-Dibromo-3-chloropropane	N001	0.81	ug/L	U	F	0.81		valid
PLFSYSEFF	TS	9/9/2009	09092582	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18		valid
PLFSYSEFF	TS	9/9/2009	09092582	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.13		valid
PLFSYSEFF	TS	9/9/2009	09092582	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13		valid
PLFSYSEFF	TS	9/9/2009	09092582	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13		valid
PLFSYSEFF	TS	9/9/2009	09092582	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
PLFSYSEFF	TS	9/9/2009	09092582	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
PLFSYSEFF	TS	9/9/2009	09092582	71-43-2	Benzene	N001	0.49	ug/L	J	F	0.16		valid
PLFSYSEFF	TS	9/9/2009	09092582	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17		valid
PLFSYSEFF	TS	9/9/2009	09092582	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19		valid
PLFSYSEFF	TS	9/9/2009	09092582	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21		valid
PLFSYSEFF	TS	9/9/2009	09092582	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19		valid
PLFSYSEFF	TS	9/9/2009	09092582	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17		valid
PLFSYSEFF	TS	9/9/2009	09092582	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17		valid
PLFSYSEFF	TS	9/9/2009	09092582	67-66-3	Chloroform	N001	0.16	ug/L	U	F	0.16		valid
PLFSYSEFF	TS	9/9/2009	09092582	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3		valid
PLFSYSEFF	TS	9/9/2009	09092582	156-59-2	cis-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
PLFSYSEFF	TS	9/9/2009	09092582	100-41-4	Ethylbenzene	N001	0.16	ug/L	U	F	0.16		valid
PLFSYSEFF	TS	9/9/2009	09092582	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12		valid
PLFSYSEFF	TS	9/9/2009	09092582	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32		valid
PLFSYSEFF	TS	9/9/2009	09092582	91-20-3	Naphthalene	N001	1.8	ug/L		F	0.22		J
PLFSYSEFF	TS	9/9/2009	09092582	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		valid
PLFSYSEFF	TS	9/9/2009	09092582	127-18-4	Tetrachloroethene	N001	0.2	ug/L	U	F	0.2		valid
PLFSYSEFF	TS	9/9/2009	09092582	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17		valid
PLFSYSEFF	TS	9/9/2009	09092582	1330-20-7	Total Xylenes	N001	0.36	ug/L	J	F	0.19		valid
PLFSYSEFF	TS	9/9/2009	09092582	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
PLFSYSEFF	TS	9/9/2009	09092582	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19		valid
PLFSYSEFF	TS	9/9/2009	09092582	79-01-6	Trichloroethene	N001	0.16	ug/L	U	F	0.16		valid
PLFSYSEFF	TS	9/9/2009	09092582	75-01-4	Vinyl chloride	N001	0.4	ug/L	U	F	0.4		valid
SPIN	TS	8/31/2009	09082552	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N002	600	mg/L		F	1.9		valid
SPIN	TS	9/28/2009	09092612	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	660	mg/L		F	1.9		valid
SPOUT	TS	8/31/2009	09082552	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N002	32	mg/L		F	0.19		valid
SPOUT	TS	9/28/2009	09092612	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	130	mg/L		F	1.9		valid
SW093	SL	7/6/2009	09082520	AM-241	Americium-241	N001	0.0276	pCi/L		F	0.02	0.0126	J
SW093	SL	7/6/2009	09082520	7440-41-7	Beryllium	N001	1	ug/L	U	F	1		valid
SW093	SL	7/6/2009	09082520	7440-43-9	Cadmium	0001	0.11	ug/L	U	F	0.11		valid
SW093	SL	7/6/2009	09082520	7440-47-3	Chromium	N001	8.1	ug/L		F	1		valid
SW093	SL	7/6/2009	09082520	HARDNESS	Hardness	N001	491	mg/L		F	2		valid
SW093	SL	7/6/2009	09082520	PU-239,240	Plutonium-239, 240	N001	0.0574	pCi/L		F	0.0135	0.0152	valid
SW093	SL	7/6/2009	09082520	7440-22-4	Silver	0001	0.2	ug/L	U	F	0.2		valid
SW093	SL	7/6/2009	09082520	7440-61-1	Uranium	N001	8.11	ug/L		F	0.05		valid
SW093	SL	8/13/2009	09102651	AM-241	Americium-241	N001	0.357	pCi/L		F	0.0304	0.0716	valid
SW093	SL	8/13/2009	09102651	7440-41-7	Beryllium	N001	1	ug/L	U	F	1		valid
SW093	SL	8/13/2009	09102651	7440-43-9	Cadmium	0001	0.11	ug/L	U	F	0.11		valid
SW093	SL	8/13/2009	09102651	7440-47-3	Chromium	N001	25.7	ug/L		F	1		valid
SW093	SL	8/13/2009	09102651	HARDNESS	Hardness	N001	820	mg/L		F	4		valid
SW093	SL	8/13/2009	09102651	PU-239,240	Plutonium-239, 240	N001	0.861	pCi/L		F	0.0207	0.116	valid
SW093	SL	8/13/2009	09102651	7440-22-4	Silver	0001	0.2	ug/L	U	F	0.2		valid
SW093	SL	8/13/2009	09102651	7440-61-1	Uranium	N001	14.7	ug/L		F	0.05		valid

LOCATION_CODE	LOCATION_TYPE	DATE SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE ID	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS

EXPLANATION

SAMPLE_ID

N00x = Sample was not filtered.
000x = Sample was filtered.

WATER_UNIT_OF_MEASURE

mg/L; ppm = milligrams per liter
pCi/L = picocuries per liter
ug/L = micrograms per liter
C = degrees celsius
mS/cm = milliSiemens per centimeter
NTU = normal turbidity units
s.u. = standard pH units
uS/cm = microSiemens per centimeter
umhos/cm = microSiemens per centimeter

SAMPLE_TYPE

F = Field Sample
D = Duplicate

DATA_VALIDATION_QUALIFIERS

valid	Result is valid.
F	Low flow sampling method used.
G	Possible grout contamination, pH > 9.
J	Estimated value.
L	Less than 3 bore volumes purged prior to sampling.
Q	Qualitative result due to sampling technique
R	Unusable result.
U	Parameter analyzed for but was not detected.
X	Location is undefined.
999	Validation not complete

LAB_QUALIFIERS

*	Replicate analysis not within control limits.
+	Correlation coefficient for MSA < 0.995.
>	Result above upper detection limit.
A	TIC is a suspected aldol-condensation product.
B	Inorganic: Result is between the IDL and CRDL. Organic & Radiochemistry: Analyte also found in method blank.
C	Pesticide result confirmed by GC-MS.
D	Analyte determined in diluted sample.
E	Inorganic: Estimate value because of interference, see case narrative. Organic: Analyte exceeded calibration range of the GC-MS.
H	Holding time expired, value suspect.
I	Increased detection limit due to required dilution.
J	Estimated
M	GFAA duplicate injection precision not met.
N	Inorganic or radiochemical: Spike sample recovery not within control limits. Organic: Tentatively identified compund (TIC).
P	> 25% difference in detected pesticide or Arochlor concentrations between 2 columns.
S	Result determined by method of standard addition (MSA).
U	Analytical result below detection limit.
W	Post-digestion spike outside control limits while sample absorbance < 50% of analytical spike absorbance.
X	Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
Y	Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
Z	Laboratory defined (USEPA CLP organic) qualifier, see case narrative.

LOCATION_TYPE

SL	SURFACE LOCATION
TS	TREATMENT SYSTEM
WL	WELL

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Appendix B2
Information for Composite Samples with Unavailable Data

Location	Sample Dates*	Status
GS01	7/31/09 10:40 - 10/7 12:53	NSQ
GS03	7/6/09 13:46 - 10/6 14:23	NSQ
GS05	9/22/09 14:36 - 11/17	Results Pending
GS51	6/3/09 9:10 - ->	In Progress
GS59	9/22/09 14:42 - 11/17	Results Pending
SW027	4/24/09 11:30 - ->	In Progress

* Analytical results are reported with the start date of the composite sampling period
> Composite sample end date to be determined
NSQ: non-sufficient quantity for analysis

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