52 1120 33628

TRAIL RIDGE LANDFILL

Semi-Annual Water Quality Data Report

Prepared for:
Trail Ridge Landfill
5110 U.S. Highway 301, South
Jacksonville, Florida 32234

FDEP Permit Number	0013493-010-SC
WACS ID Number	NED/16/00033628

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DEP Application No.

Florida Department of Environmental Protection

Twin Towers Office Bldg. 2600 Blair Stone Road Tallahassee, Florida 32399-2400

GROUND WATER MONITORING REPORT

Rule 62-522.600(11)

RECEIVED
APR 27 2006
STATE OF FLORIDA
DEPARTMENT OF ENV. PROTECTION
NORTHEAST DISTRICT - JACKSONVILLE

PART I GENERAL INFORMATION

(1) Facility Name TRAIL RIDGE LANDFILL

Address 5110 U.S. Highway 301, South

City BALDWIN Zip 32234-3608

Telephone Number (904) 289-9100

(2) The GMS Identification Number 3116PO2787

(3) DEP Permit Number 0013493-010-SC

(4) Authorized Representative Name GREG MATHES

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Telephone Number (904) 289-9100

(5) Type of Discharge NONE

(6) Method of Discharge

Certification

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Date: 04/26/06 GREG MATHES, Director of Landfill Operations

Signature of Owner or Authorized Representative

PART II QUALITY ASSURANCE REQUIREMENTS

Sample Organization Comp QAP # 880633G

Analytical Lab Comp QAP # /HRS Certification #

*Comp QAP # /HRS Certification #

Lab Name SEVERN TRENT LABORATORIES, INC.

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EXECUTIVE SUMMARY

Semi-Annual Water Quality Data Report for Trail Ridge Landfill

This semi-annual monitoring report was completed on behalf of Trail Ridge Landfill located in Jacksonville, Duval County, Florida. The data reviewed in this water quality assessment was obtained during the first routine semi-annual detection monitoring event conducted in 2006. The ground water at Trail Ridge is monitored by thirty-seven wells including five background wells. Two surface water sample points and a leachate point are also monitored in accordance with Permit Number 0013493-010-SC. The ground water wells are monitored semi-annually for the detection monitoring parameters listed under Attachment III and Specific Condition 48 of the Permit. The surface water is monitored semi-annually for the detection monitoring parameters listed under Attachment IV and Specific Condition 49 of the above Permit. Leachate is monitored annually and reported during the 2nd semiannual sampling event for the parameters listed in Specific Condition 39 of the Permit.

A detailed review of the monitoring data indicates that iron exceeded the SDWS at 29 of the 37 monitoring wells including four of the five background wells. The levels of iron seen in the ground water at Trail Ridge Landfill result from the interaction of the ground water with the soil mineralogy and are characteristic of the ground water in Duval County. pH in 32 of the 37 wells was below the SDWS of 6.5 S.U. These included four of the five background wells. Methylene Chloride was detected during the original sampling event at concentration above the PDWS at MWB-17(D); subsequent resampling confirmed this compound not to be present above laboratory reporting limits. At MWB-34S TDS exceeded the SDWS. Surface water sample SW-1, the Class III standards for dissolved oxygen, pH, and iron were exceeded, and in SW-2 (background sample) the Class III standard for fecal coliform was exceeded. These constituents have all historically been detected in both up and downgradient surface water samples and are not considered a result of site activities. The remainder of the data meets the water quality standards as dictated by the FDEP. The data reported appears to be consistent with the overall ground water quality and historical data.

Based on recent monitoring well inspections, all of the wells are maintained in good condition. Surface seals, protective casings, well caps, and well locks are in-place and in proper condition at each well to ensure that samples collected from the wells are representative of the aquifer conditions. Trail Ridge Landfill will continue to closely monitor the facility and evaluate the water data obtained during detection monitoring to ensure that there are no water quality exceedances.

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1.0 INTRODUCTION

This semi-annual ground water monitoring report is submitted on behalf of Trail Ridge Landfill located in Jacksonville, Florida. Trail Ridge Landfill is located on US Highway 301, in the western portion of Duval County, Florida. It is located at 5110 U.S. Highway 301 in Baldwin, Florida. The landfill is about 4 1/2 miles south of the intersection of US 301 and I-10. Trail Ridge is an active municipal solid waste landfill owned by the City of Jacksonville and operated by Waste Management. Operation of the Landfill is in accordance with the Permit Number 0013493-010-SC, issued December 19, 2003 and the applicable provisions of previous permits.

The data submitted in this ground water quality assessment was obtained during the routine semi-annual detection-monitoring event conducted on February 22-24, 2006. During this monitoring period, ground water wells were monitored for the parameters listed in Attachment III of the current permit. In conjunction with the ground water monitoring, surface water samples were collected and analyzed for the parameters listed in Attachment IV of the permit.

The ground water and surface water monitoring program at the Trail Ridge Landfill incorporates monitoring elements to provide environmental protection post closure. All field work, sampling methodologies, data evaluation, data QA/QC, and laboratory analyses were conducted in accordance with the site permit, and the sample team and National Environmental Laboratory Accreditation Conference (NELAC) standards.

1.1 Background

As identified in the following tables, thirty-seven wells comprise the facilities routine monitoring system with an additional nine wells that are maintained but only sampled if required for assessment monitoring. Five of the thirty-seven wells are designated background wells, seven wells are designated detection wells and twenty-five are designated as compliance wells. An additional nine compliance wells are part of the permitted groundwater monitoring system but in accordance with Specific Condition 48 of the permit not utilized unless required for assessment monitoring. Monitoring well designations are shown in the following tables.

Location	Well ID
Background	MWB-2(S), MWB-2(I) MWB-3(S), MWB-3(I) MWB-31(D)
Phase I Compliance	MWB-7(S), MWB-7(I), MWB-7(D) MWB-I1(S), MWB-11(I)R MWB-12(S), MWB-12(I), MWB-12(D) MWB-19(S), MWB-19(I), MWB-19(D) MWB-20(S) MWB-21(S) MWB-22(S)
Phase II Compliance	MWB-17(S), MWB-17(I), MWB-17(D)
Phase III & Phase IV Compliance	MWB-13(S), MWB-13(I)
Phase III Detection	MWB-33(S) MWB-34(S)d MWB-34(I), MWB-34(D)
Phase V Compliance	MWB-27(S), MWB-27(I), MWB-27(D) MWB-29(S), MWB-29(I), MWB-29(D)
Phase V Detection	MWB-32(S), MWB-32(I), MWB-32(D)

Specific Condition 48: These wells shall be maintained but will not be utilized unless required for assessment monitoring.	
Location	**Well ID**
Phase I Compliance	MWB-14(S), MWB-14(I), MWB-14(D)
Phase III & Phase IV Compliance	MWB-23(S)
Phase IV Compliance	MWB-24(S), MWB-25(S), MWB-25(I), MWB-25(D), MWB-26(S)

The monitoring wells are installed around the perimeter of the landfill and are screened in three zones within the Surficial Aquifer (Shallow, Intermediate, and Deep zones). The monitoring wells are sampled and analyzed semi-annually for the parameters listed in Attachment III of the permit. Sampling is required by permit to be conducted prior to March 30, and September 30 of each year, with reports submitted to the FDEP for each sampling period no later than April 15 and October 15 each year. A 2-week extension was requested and approved by the FDEP to allow resample results to be incorporated into this report.

Surface water flow at the site mimics topography, with runoff in a predominantly eastward direction and drainage features trending west-east. There are two surface water monitoring sites (designated SW-1 and SW-2). Monitoring location SW-1 is located in a wetland, approximately 200 feet east of the landfill's

stormwater retention pond. Monitoring location SW-2 is located in a west-east trending drainage feature, approximately 500 feet north of the landfill. SW-2 is considered a background sampling location, since it does not receive run-off directly from the landfill area. In accordance with Chapter 62-701, FAC, surface water monitoring is performed on a semi-annual basis in conjunction with the groundwater monitoring schedule.

In accordance with Specific Condition 39 of the operating permit, leachate is sampled annually prior to September 30 and analyzed. Two samples are collected a composite sample (from tanks 1-5 designated LCS) and a sample of secondary leachate collection system (tank 6 designated LDSS). These samples are analyzed for the parameters listed in Specific Condition 39. Leachate sampling is conducted during the second semiannual sampling event.

Leachate collection pipes that lie on top of the primary liner terminate at the leachate collection sumps. These sumps also collect any leachate flowing along the secondary leak detection system. The sump is designed so that the leachate from the primary and secondary systems is separated. Therefore, it is necessary to have two pumps in each sump, one for the primary leachate collection system and one for the secondary leachate collection system.

The leachate is pumped from the sumps through primary and secondary force mains to six 20,000-gallon storage tanks. Tanks 1 through 5 (interconnected) receive the leachate collected from all of the primary leachate collection sumps via one force main. Tank 6 receives leachate that is pumped through a separate force main from the secondary leachate collection sumps. Previous sampling procedures required sampling of all six tanks. However, since tanks 1 through 5 contain the same leachate, sampling procedures were reduced during the 1997 permit renewal for the site to the collection of two (2) samples (one for the secondary leachate collection tank and one composite sample of the five primary leachate collection tanks).

In accordance with Specific Condition 14, gas condensate from the pump station is sampled semiannually for Toxicity Characteristic Leaching Procedure (TCLP) parameters with the results submitted to the FDEP no later than June 30 and December 31 of each year.

In a letter dated June 15, 2004, FDEP concurred with the site Contamination Evaluation Plan and follow-up letter requesting that the site return to Detection Monitoring and to terminate sampling of the compliance wells. However, because of the timing of this letter and the sample event, compliance wells MWB14S and MWB23S were sampled by the site (e.g. the laboratory sent sample kits). The results show that VOCs were not detected in these samples, further confirming the findings of the evaluation plan. As approved and unless otherwise required by FDEP, these compliance wells will not be sampled during future events and the site has returned to detection monitoring.

Biennial Water Quality Reports are submitted to the FDEP every two years. The last Biennial report was submitted to the Department on September 30, 2005. The facility's permit expires on November 25, 2007 and consistent with Specific Condition 48(m), groundwater samples collected during this event are to be analyzed for the expanded parameter list on Attachment 2 of the permit.

2.0 GROUND WATER MONITORING DATA

The following section contains an evaluation of the ground water monitoring data. The ground water data from each of the compliance wells is compared to the background ground water quality and the applicable water quality standards.

Professional Technical Support Services, Inc. (Pro-Tech) conducted the field activities at the Trail Ridge Landfill, in which ground water elevation data, field measurements, and samples for laboratory analyses were collected. STL-Tampa conducted the laboratory analyses. The FDEP Semi-Annual Ground Water Parameter Monitoring Report forms have been completed and are included in Appendix A. The laboratory reports for the ground water samples are included in Appendix B.

2.1 Field Data

On February 22-24, 2006, Pro-Tech completed the field activities at Trail Ridge Landfill. The field measurements, sample collection, and sample preservation were conducted in accordance with Rule 62-160, F.A.C. and the FDEP Standard Operating Procedures. Prior to purging, depth to water and water level elevations were recorded to the nearest hundredth of a foot from a surveyed reference datum. The water level measurements were utilized for determining water volumes in the well casing and for preparation of ground water contour maps (Figures 1-3) used to determine ground water flow direction and gradient at the site.

The average horizontal gradient across the site indicates that groundwater flow directions and gradients in the three zones are very similar, with the deep zone, on average, having a slightly flatter gradient than the intermediate and shallow zones. It is noted that this observation may at least partially be a result of having fewer data points for the deep zone, resulting in larger interpolations between data points than in the shallow zone. There were no obvious seasonal trends in gradient fluctuations. As noted in previous reports, groundwater flow direction in all three zones is predominantly eastward. Current data reflects little change or variation in flow direction in any of the three zones.

Bladder pumps were used to evacuate a minimum of three well volumes of fluid from within each monitoring well, with exception of monitoring well MWB-13S, which (as typical) was pumped dry after 1.2 well volumes (2.4 gallons). Following completion of purging activities, samples were collected from the wells using the bladder pumps. During sampling, field parameters including dissolved oxygen, pH, temperature, turbidity, specific conductance, and physical characteristics of the water samples, as well as the meteorological conditions at the time of sampling were noted on the field forms with the field data (Appendix C). Following collection of samples into laboratory provided containers and ice chests; the samples were forwarded to the contract laboratory under signed chain of custody documentation. Trip blanks were submitted for laboratory analyses with the samples.

A review of the field data shows that turbidity measurement reported in monitoring wells MWB-11IR (46.7 NTU), MWB-19(I) (27.3 NTU), MWB-32S (31.9 NTU), MWB-32I (236.1 NTU), and MWB-32(D) (115.1

NTU). The ground water turbidity levels in all other wells that were sampled were below 20 NTU at each of the ground water wells sampled during this monitoring period. These turbidity levels are consistent with historic sampling events, with the exception of MWB-32(D), which has increased from past events. Care will be taken next event to minimize turbidity, if unsuccessful, MWB-32(I) and MWB-32(D) will be redeveloped.

The pH levels reported for the groundwater samples collected at four background wells (MWB-2(S), MWB-3(S), MWB-2(I) and MWB-3(I)) and 28 compliance/detection wells (MWB-7(S), MWB-7(I), MWB-11(S), MWB-11(IR), MWB-12(S), MWB-12(I), MWB-13(S), MWB-13(I), MWB-17(S), MWB-17(I), MWB-17(D), MWB-19(S), MWB-19(I), MWB-20(S), MWB-21(S), MWB-22(S), MWB-27(S), MWB-27(I), MWB-27(D), MWB-29(S), MWB-29(I), MWB-29(D), MWB-32(S), MWB-32(I), MWB-32(D), MWB-33(S), and MWB-34(I)) were below the SDWS specified range of 6.5–8.5 SU. Based on historical data, such pH levels are characteristic of the site.

2.2 Laboratory Parameters

The ground water samples collected from the site were transferred to Severn Trent Laboratories, Inc. (STL-Tampa) for analyses. The laboratory analyses including the quality control procedures have been conducted in accordance with Rule 62-160, F.A.C. Samples submitted were analyzed within the required holding times, unless otherwise noted in the laboratory reports. Quality control exceedances are discussed in the narrative portion of the laboratory reports for each lot of samples obtained. The monitoring parameters were compared to the ground water quality standards as designated in 62-550.310 and 62-550.320, F.A.C.

A review of the ground water data notes that:

- Total iron exceeded the FDEP secondary ground water quality standard of 300 µg/L at four background monitoring wells (MWB-2(I), MWB-2(S), MWB-3(S), MWB-3(I)) and twenty-five compliance/detection wells (MWB-7(I), MWB-11(S), MWB-11(IR), MWB-12(I), MWB-12(D), MWB-13(S), MWB-13(I), MWB-17(I), MWB-17(D), MWB-19(S), MWB-19(I), MWB-19(D), MWB-20(S), MWB-21(S), MWB-27(I), MWB-27(D), MWB-29(S), MWB-29(I), MWB-29(D), MWB-32(S), MWB-32(I), MWB-32(D), MWB-33(S), MWB-34(I), and MWB-34(D)). Iron concentrations have historically been reported above the SDWS at this site and are considered to be reflective of natural groundwater conditions in the area. Iron was reported above the SDWS in four of the five background wells. As previously discussed turbidity levels of many of these samples were elevated which will bias results high.

- Vinyl chloride was not detected in MW-34(S). This combined with the last four events makes five events where the vinyl chloride concentration was below the FPDWS. The site appears to have addressed and mitigated the vinyl chloride detections.

- During the original sampling event, several volatile organic compounds (VOCs) were detected at low levels. Those VOCs detected consisted of:

- The sample collected from MWB-2(S), Toluene was detected at trace levels (0.54 I ug/L) below the laboratory reporting limit.
- Methylene Chloride was detected at the sample collected from MWB-17(D) at 18 ug/L, at a concentration above the primary drinking water standard. Subsequent resampling confirmed this compound was not present (see Appendix H & I) confirming this compound was not present in concentrations above the laboratory reporting limit.
- Benzene was detected at trace levels (0.52 I ug/L) below the laboratory reporting limit from the sample collected from MW-34(S).

- During the sampling event at MWB-34(S) several compounds were detected at concentrations exceeding secondary drinking water standards. These compounds detected include:
  - TDS was detected during the original sampling event at 520 mg/L, slightly above the SDWS of 500 mg/L. TDS concentrations appear to have decreased since the last sampling event.
  - Ammonia was detected during the original sampling event at 16 mg/L, above the background (typically less than 0.5 mg/L). The ammonia concentrations at MWB-34(S) appear to be decreasing since the 1st event in 2005.
  - We note that repairs were made to the leachate piping system last summer immediately adjacent to MWB-34(S). These low-level detections may be related to the repairs on the adjacent leachate line that were completed recently. Continued semiannual monitoring to confirm the downward trends and verify that the repairs were successful is warranted. The next scheduled sampling event is in the summer of 2006.

- All other ground water data are below ground water quality standards and are consistent with the historical data obtained.

3.0 SURFACE WATER MONITORING DATA

The following section contains an evaluation of the surface water monitoring data. The surface water data is compared to the applicable water quality standards. The FDEP Semi-Annual Surface Water Parameter Monitoring Report forms have been completed and are included in Appendix D. The laboratory reports for the surface water samples are included in Appendix E.

A review of the surface water data notes that:

- Of the volatile organic compounds (VOCs) monitored for, none were detected above the laboratory reporting limits.

- Total iron exceeded the FDEP Class III surface water standard of 1000 µg/L at surface water sample point SW-1 (1,500 µg/L).

- pH exceeded the lower end of the FDEP Class III surface water standard of 6 SU at surface water sample points SW-1 (4.59 SU) and SW-2 (4.35 SU). These values are consistent with background water quality in this area;

- Dissolved oxygen measured in the field at SW-1 (4.1 mg/L.) exceeded the FDEP secondary water quality standard of 5.0 mg/L;

- At SW-2 (background) Fecal Coliform bacteria exceeded the monthly Class III Surface water standard of 200 cfu/100ml. The reported concentration was 1265 cfu/100ml. The presence of birds has been noted at this sampling site. Birds are likely the source of the detected fecal coliform bacteria. Analytical data does not suggest any impacts to surface water.

- Exceedances of regulatory standards (Chapter 62-302, FAC for Florida Class III Surface Waters) were noted in the surface water samples collected at the site. In SW-1, the regulatory standards for dissolved oxygen, pH, and iron were exceeded, and in SW-2 the regulatory standard for fecal coliform bacteria was exceeded. It is noted that most of these constituents have been detected before at the site and that they are not considered a result of site activities. As these constituents have all been historically detected in both sample locations (i.e., upgradient and downgradient) they are not considered a result of site activities and therefore, no additional action is recommended beyond the routine semiannual monitoring.

All other surface water data are below ground water quality standards and are consistent with the historical data obtained.

4.0 LEACHATE AND CONDENSATE MONITORING DATA

In accordance with Specific Condition 39 of the permit, leachate is sampled annually prior to September 30 and analyzed. Two samples are collected a composite sample (from tanks 1-5 designated LCS), and a sample of secondary leachate collection system (tank 6 designated LDSS) and analyzed for the parameters listed in Specific Condition 39. Leachate samples will be collected during the summer 2006 sampling event. Previously, no exceedances of regulatory standards (40 CFR Part 261) have been noted in the leachate samples collected for analysis. In accordance with the permit, leachate is sampled and analyzed during the second semiannual sampling event.

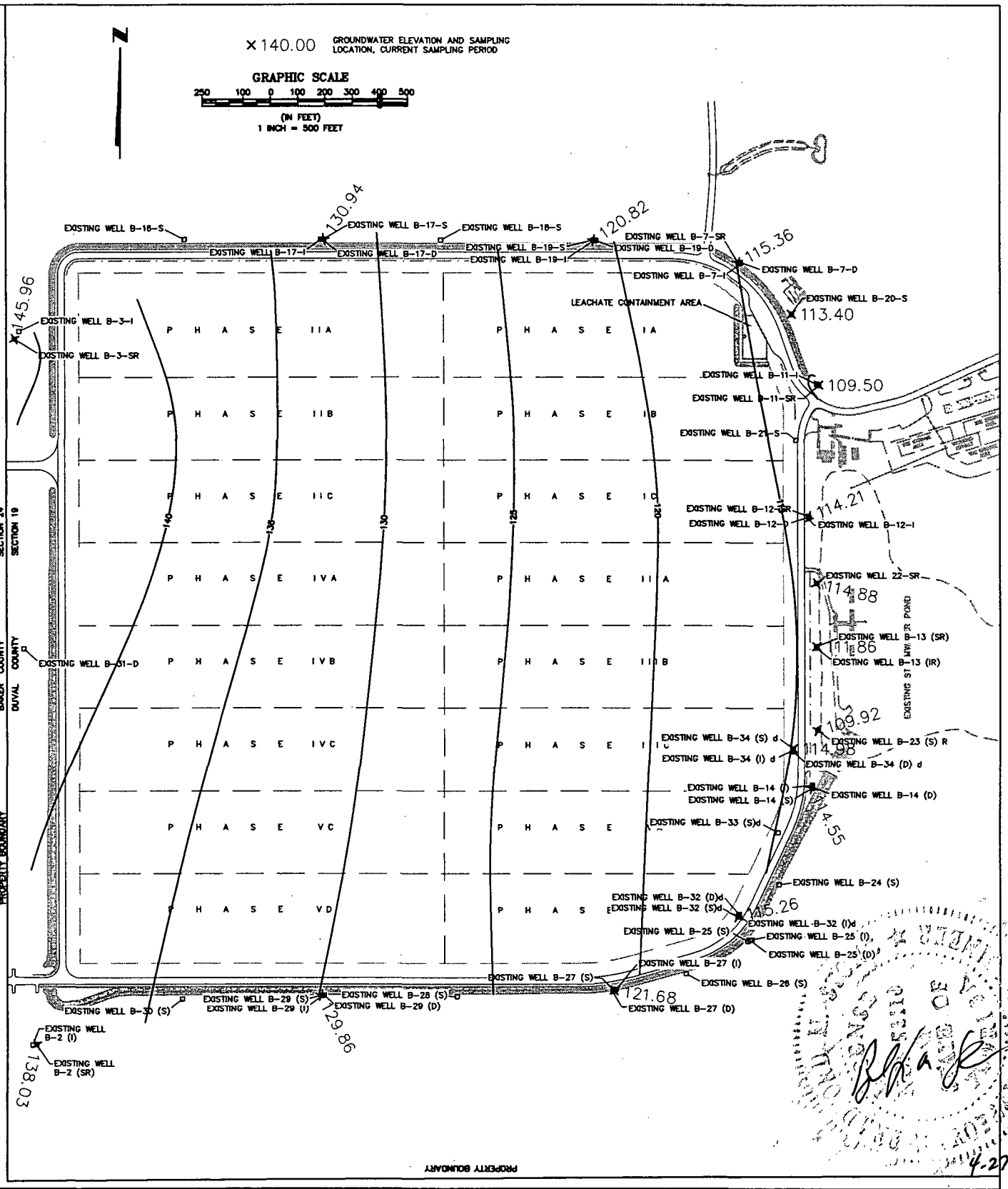
In accordance with Specific Condition 14, gas condensate from the pump station was sampled for TCLP parameters with the results submitted to the Department no later than June 30 and December 31 of each year. No exceedances of regulatory standards (40 CFR Part 261) were noted in the condensate sample collected for analysis. During analysis of the original sample VOC's were analyzed by an incorrect method and therefore condensate was resampled and analyzed, the results again demonstrated no exceedances of regulatory standards (40 CFR Part 261).

5.0 SUMMARY

The data obtained during the first semi-annual monitoring event in 2006 at Trail Ridge Landfill are generally consistent with the historical data. The only constituents routinely exceeding a ground water quality standard are total iron and pH. These detections are consistent with background water quality. There was a VOC detection in well MWB-17D however resampling indicated the compound not to be present. Well MWB-34(S) indicated trace concentrations (below the PDWS and below the PQL) of benzene, TDS slightly exceeded the SDWS. Continued semiannual monitoring is recommended to track and confirm the downward trends in TDS and ammonia in MW-34(S). Total Iron, dissolved oxygen, pH, and fecal coliform were the only parameters exceeding FDEP surface water standards in the surface water samples. These constituents have all historically been detected in both up and downgradient surface water samples and are not considered a result of site activities. The remainder of the data is below ground water quality standards and is consistent with historical data. The monitoring well network continues to adequately monitor the landfill.

Figures

Figure 1	Groundwater Contour Map Shallow wells – Trail Ridge Landfill
Figure 2	Groundwater Contour Map Intermediate wells – Trail Ridge Landfill
Figure 3	Groundwater Contour Map Deep wells – Trail Ridge Landfill
Figure 4	Sample Location Map



1"=500'

HDR Engineering, Inc.

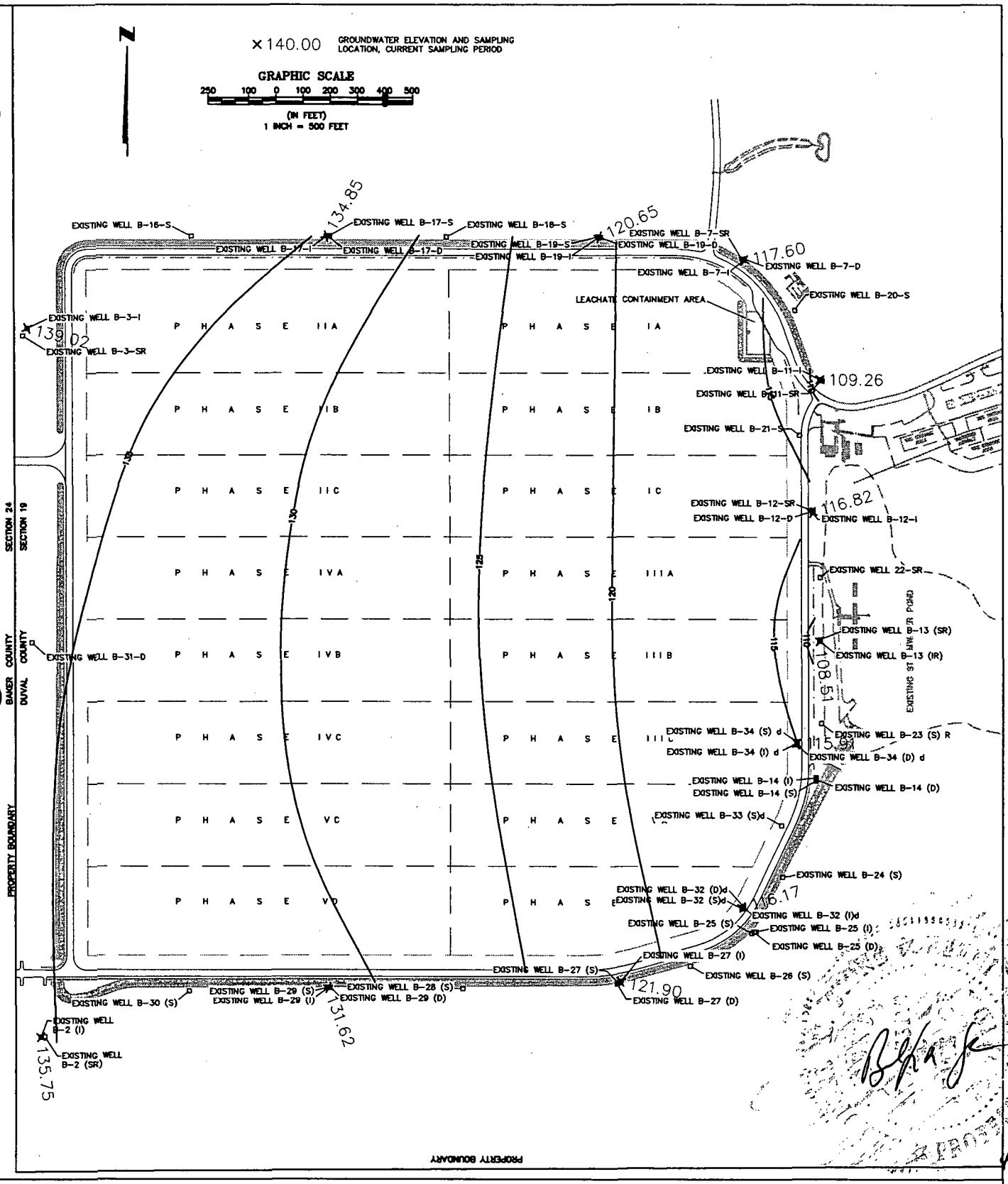
GROUNDWATER CONTOUR MAP SHALLOW WELLS TRAIL RIDGE LANDFILL

Date: MARCH 06

Figure: FIG. 1

4-27-06

Y:\Waste Management\Trail Ridge\April 2005\Trail Ridge LF.dwg, FIG. 1, 4/24/2006 5:36:55 PM, ealexand



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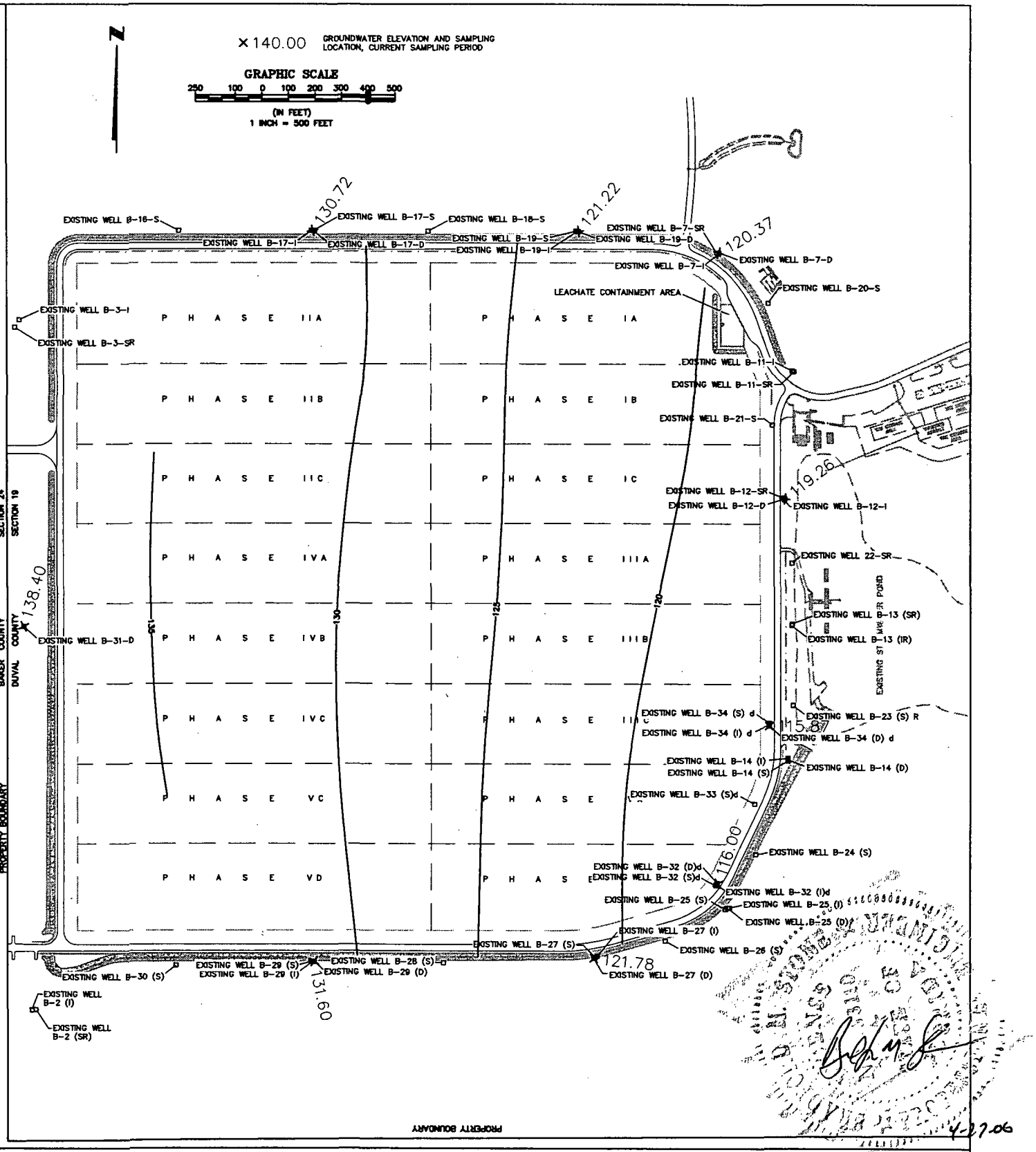
HDR Engineering, Inc.

GROUNDWATER CONTOUR MAP INTERMEDIATE WELLS TRAIL RIDGE LANDFILL

Date
MARCH 06

Figure
FIG. 2

Y:\Waste Management\Trail Ridge\April 2005\Trail Ridge LF.dwg, FIG. 2, 4/24/2006 5:44:44 PM, ealexand



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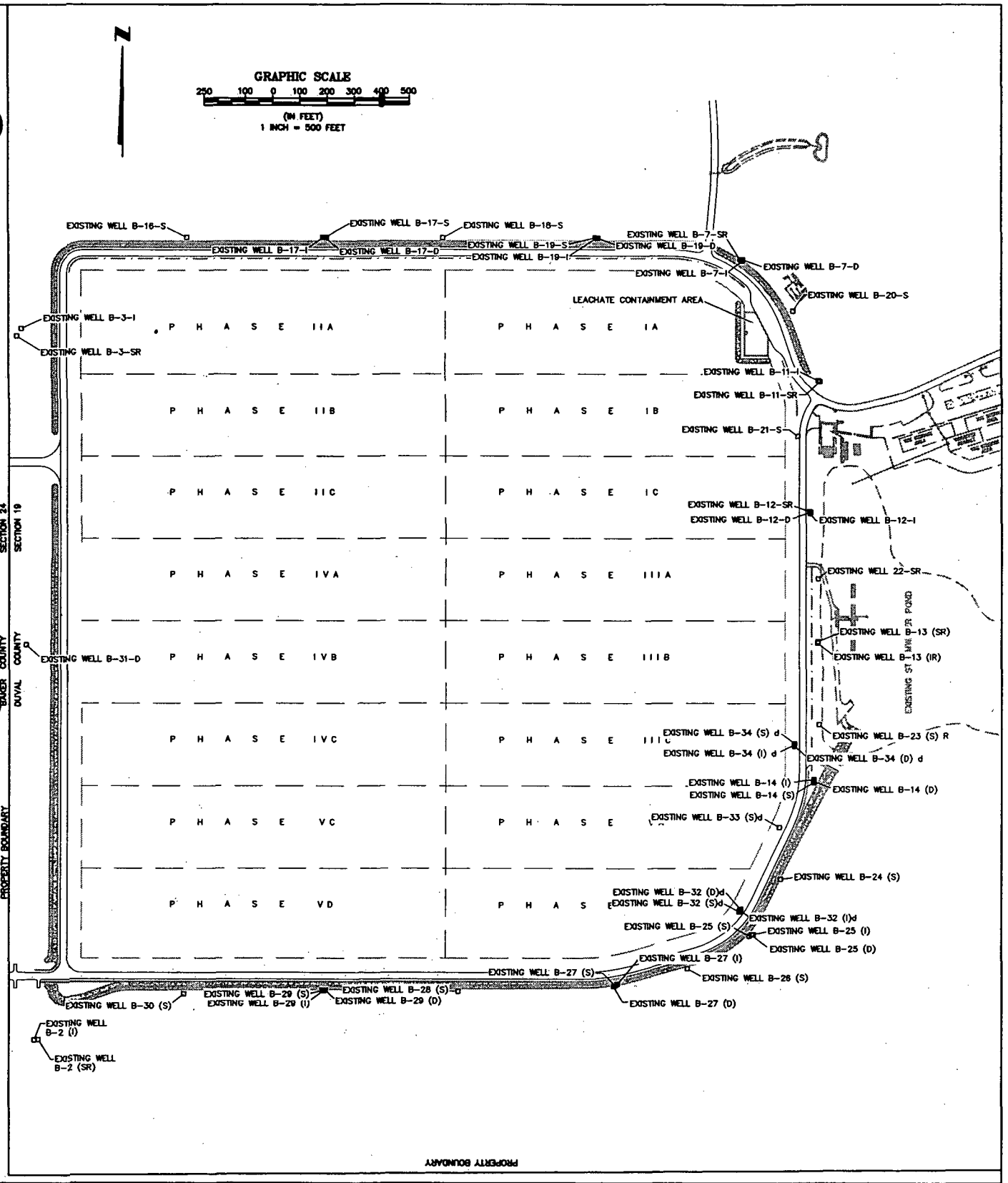
HDR Engineering, Inc.

GROUNDWATER CONTOUR MAP
DEEP WELLS
TRAIL RIDGE LANDFILL

Date: MARCH 06

Figure: FIG. 3

Y:\Waste Management\Trail Ridge\April 2005\Trail Ridge LF.dwg, FIG. 3, 4/24/2006 5:34:05 PM, ealexand



1"=500'

HDR Engineering, Inc.

SAMPLE LOCATION MAP
TRAIL RIDGE LANDFILL

Date
MARCH 06

Figure
FIG. 4

Y:\Waste Manage Trail Ridge\April 2005\Trail Ridge LF.dwg, FIG. 4, 4/25/2006 9:40:03 AM, ealexand

Appendix A

FDEP Semi-Annual Ground Water Parameter Monitoring Report Forms

Facility Name: Trail Ridge Landfill

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 33628

WACS Testsite ID #: 17350

WACS Testsite Name: MWB13I

Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 2/23/2006 7:33:00AM

Sampling Method: Unknown

Permitted Well Type: CO

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
000610	Ammonia	N	E84282	350.1	2/28/2006 11:54:00AM	0.04	0.04	mg/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	3/3/2006 9:20:00PM	0.47	0.47	ug/L	U
000406	Field pH	N	E84282	Field Sampling	2/23/2006 7:33:00AM	5.11		SU	
034571	1,4-Dichlorobenzene	N	E84282	8260B	3/3/2006 9:20:00PM	0.52	0.52	ug/L	U
000010	Field Temperature	N	E84282	Field Sampling	2/23/2006 7:33:00AM	22.4		Degrees C	
034496	1,1-Dichloroethane	N	E84282	8260B	3/3/2006 9:20:00PM	0.52	0.52	ug/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	3/3/2006 9:20:00PM	0.45	0.45	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	3/3/2006 9:20:00PM	0.15	0.15	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	3/3/2006 9:20:00PM	0.44	0.44	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	3/3/2006 9:20:00PM	0.57	0.57	ug/L	U
000620	Nitrate Nitrogen	N	E84282	353.2	2/24/2006 12:37:00PM	0.01	0.01	mg/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/3/2006 9:20:00PM	0.63	0.63	ug/L	U
072020	Water Level	N	E84282	Field Sampling	2/23/2006 7:33:00AM	108.51		ft	
[illegible]704	cis-1,3-Dichloropropene	N	E84282	8260B	3/3/2006 9:20:00PM	0.14	0.14	ug/L	U
[illegible]105	Dibromochloromethane	N	E84282	8260B	3/3/2006 9:20:00PM	0.34	0.34	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	3/3/2006 9:20:00PM	0.44	0.44	ug/L	U
077424	Iodomethane	N	E84282	8260B	3/3/2006 9:20:00PM	0.67	0.67	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	3/3/2006 9:20:00PM	8.4	8.4	ug/L	U
039180	Trichloroethene	N	E84282	8260B	3/3/2006 9:20:00PM	0.28	0.28	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	3/3/2006 9:20:00PM	0.3	0.3	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	3/3/2006 9:20:00PM	0.65	0.65	ug/L	U
000940	Chloride	N	E84282	325.2	2/28/2006 4:59:00PM	5.8	0.9	mg/L	
039175	Vinyl chloride	N	E84282	8260B	3/3/2006 9:20:00PM	0.5	0.5	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	3/3/2006 9:20:00PM	0.52	0.52	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	3/3/2006 9:20:00PM	0.34	0.34	ug/L	U
081596	4-Methyl-2-pentanone	N	E84282	8260B	3/3/2006 9:20:00PM	3.8	3.8	ug/L	U
032104	Bromoform	N	E84282	8260B	3/3/2006 9:20:00PM	0.58	0.58	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	3/3/2006 9:20:00PM	0.35	0.35	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	3/3/2006 9:20:00PM	0.58	0.58	ug/L	U
078124	Benzene	N	E84282	8260B	3/3/2006 9:20:00PM	0.27	0.27	ug/L	U
081552	Acetone	N	E84282	8260B	3/3/2006 9:20:00PM	9.9	9.9	ug/L	U
034413	Bromomethane	N	E84282	8260B	3/3/2006 9:20:00PM	0.66	0.66	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	3/3/2006 9:20:00PM	1.2	1.2	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	3/3/2006 9:20:00PM	0.85	0.85	ug/L	U
077596	Methylene bromide	N	E84282	8260B	3/3/2006 9:20:00PM	0.41	0.41	ug/L	U
077651	Ethylene Dibromide	N	E84282	504.1	3/8/2006 3:18:00PM	0.0089	0.0089	ug/L	U
077128	Styrene	N	E84282	8260B	3/3/2006 9:20:00PM	0.98	0.98	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/8/2006 3:18:00PM	0.0031	0.0031	ug/L	U
034010	Toluene	N	E84282	8260B	3/3/2006 9:20:00PM	0.51	0.51	ug/L	U
077103	2-Hexanone	N	E84282	8260B	3/3/2006 9:20:00PM	4.4	4.4	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	3/3/2006 9:20:00PM	0.14	0.14	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	3/3/2006 9:20:00PM	0.46	0.46	ug/L	U
[illegible]546	trans-1,2-Dichloroethene	N	E84282	8260B	3/3/2006 9:20:00PM	0.44	0.44	ug/L	U
[illegible]516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/3/2006 9:20:00PM	0.14	0.14	ug/L	U

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 17350
WACS Testsite Name: MWB13I
Water Classification: G-II
(LC - Leachate, G-II, SW-IIIF)
Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 2/23/2006 7:33:00AM
Sampling Method: Unknown
Permitted Well Type: CO

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/3/2006 9:20:00PM	2.5	2.5	ug/L	U
000094	Specific Conductance	N	E84282	Field Sampling	2/23/2006 7:33:00AM	37		umhos/cm	
082079	Turbidity	N	E84282	Field Sampling	2/23/2006 7:33:00AM	12.5		NTU	
000299	Oxygen, Dissolved	N	E84282	Field Sampling	2/23/2006 7:33:00AM	1.3		mg/L	
034423	Methylene Chloride	N	E84282	8260B	3/3/2006 9:20:00PM	4	4	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	3/3/2006 9:20:00PM	0.98	0.98	ug/L	U
001097	Antimony	N	E84282	200.7 Rev 4.4	3/6/2006 6:51:00PM	3.6	3.6	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	3/6/2006 6:51:00PM	5.9	5.9	ug/L	U
071900	Mercury	N	E84282	245.1	3/2/2006 12:36:00PM	0.072	0.072	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	3/3/2006 9:20:00PM	0.42	0.42	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	3/3/2006 9:20:00PM	0.63	0.63	ug/L	U
001059	Thallium	N	E87052	200.8	3/2/2006 6:46:00AM	0.7	0.25	ug/L	I
001077	Silver	N	E84282	200.7 Rev 4.4	3/6/2006 6:51:00PM	1.9	1.9	ug/L	U
000929	Sodium	N	E84282	200.7 Rev 4.4	3/6/2006 6:51:00PM	3.2	0.31	mg/L	
034311	Chloroethane	N	E84282	8260B	3/3/2006 9:20:00PM	0.8	0.8	ug/L	U
001147	Selenium	N	E84282	200.7 Rev 4.4	3/6/2006 6:51:00PM	5.9	5.9	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	3/6/2006 6:51:00PM	4.7	4.7	ug/L	U
001051	Lead	N	E84282	200.7 Rev 4.4	3/6/2006 6:51:00PM	1.6	1.6	ug/L	U
001045	Iron	N	E84282	200.7 Rev 4.4	3/6/2006 6:51:00PM	480	22	ug/L	
001042	Copper	N	E84282	200.7 Rev 4.4	3/6/2006 6:51:00PM	2.9	2.9	ug/L	U
032106	Chloroform	N	E84282	8260B	3/3/2006 9:20:00PM	0.9	0.9	ug/L	U
[illegible]1037	Cobalt	N	E84282	200.7 Rev 4.4	3/6/2006 6:51:00PM	1.6	1.6	ug/L	U
[illegible]002	Arsenic	N	E84282	200.7 Rev 4.4	3/6/2006 6:51:00PM	4.8	4.8	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	3/6/2006 6:51:00PM	36	1.2	ug/L	
001012	Beryllium	N	E84282	200.7 Rev 4.4	3/6/2006 6:51:00PM	0.74	0.74	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	3/6/2006 6:51:00PM	0.71	0.71	ug/L	U
001087	Vanadium	N	E84282	200.7 Rev 4.4	3/6/2006 6:51:00PM	3.1	2.5	ug/L	I
070300	Total Dissolved Solids	N	E84282	160.1	2/28/2006 2:21:00PM	48	5	mg/L	
077057	Vinyl acetate	N	E84282	8260B	3/3/2006 9:20:00PM	1.5	1.5	ug/L	U
034418	Chloromethane	N	E84282	8260B	3/3/2006 9:20:00PM	0.64	0.64	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	3/6/2006 6:51:00PM	3.4	1.7	ug/L	I

Total Parameters Monitored: 75

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

Facility Name: Trail Ridge Landfill

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 33628

WACS Testsite ID #: 17188

WACS Testsite Name: MWB11S

Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 2/23/2006 12:08:00PM

Sampling Method: Unknown

Permitted Well Type: CO

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
039175	Vinyl chloride	N	E84282	8260B	3/6/2006 10:45:00PM	0.5	0.5	ug/L	U
000094	Specific Conductance	N	E84282	Field Sampling	2/23/2006 12:08:00PM	165		umhos/cm	
001087	Vanadium	N	E84282	200.7 Rev 4.4	3/6/2006 5:45:00PM	2.5	2.5	ug/L	U
000940	Chloride	N	E84282	325.2	2/28/2006 4:59:00PM	14	0.9	mg/L	
001002	Arsenic	N	E84282	200.7 Rev 4.4	3/6/2006 5:45:00PM	4.8	4.8	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/6/2006 10:45:00PM	0.63	0.63	ug/L	U
077651	Ethylene Dibromide	N	E84282	504.1	3/8/2006 11:17:00AM	0.0089	0.0089	ug/L	U
000929	Sodium	N	E84282	200.7 Rev 4.4	3/6/2006 5:45:00PM	8	0.31	mg/L	
034215	Acrylonitrile	N	E84282	8260B	3/6/2006 10:45:00PM	1.2	1.2	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	3/6/2006 10:45:00PM	4	4	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	3/6/2006 10:45:00PM	0.63	0.63	ug/L	U
000299	Oxygen, Dissolved	N	E84282	Field Sampling	2/23/2006 12:08:00PM	1.6		mg/L	
077596	Methylene bromide	N	E84282	8260B	3/6/2006 10:45:00PM	0.41	0.41	ug/L	U
[illegible]0300	Total Dissolved Solids	N	E84282	160.1	2/27/2006 12:08:00PM	110	5	mg/L	
[illegible]7128	Styrene	N	E84282	8260B	3/6/2006 10:45:00PM	0.98	0.98	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	3/6/2006 10:45:00PM	0.34	0.34	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	3/6/2006 10:45:00PM	0.46	0.46	ug/L	U
072020	Water Level	N	E84282	Field Sampling	2/23/2006 12:08:00PM	109.52		ft	
071900	Mercury	N	E84282	245.1	3/2/2006 12:55:00PM	0.072	0.072	ug/L	U
000010	Field Temperature	N	E84282	Field Sampling	2/23/2006 12:08:00PM	20.2		Degrees C	
000406	Field pH	N	E84282	Field Sampling	2/23/2006 12:08:00PM	4.1		SU	
082079	Turbidity	N	E84282	Field Sampling	2/23/2006 12:08:00PM	2		NTU	
034546	trans-1,2-Dichloroethene	N	E84282	8260B	3/6/2006 10:45:00PM	0.44	0.44	ug/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	3/6/2006 10:45:00PM	0.45	0.45	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	3/6/2006 10:45:00PM	0.15	0.15	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	3/6/2006 10:45:00PM	0.44	0.44	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	3/6/2006 10:45:00PM	0.57	0.57	ug/L	U
081596	4-Methyl-2-pentanone	N	E84282	8260B	3/6/2006 10:45:00PM	3.8	3.8	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	3/6/2006 10:45:00PM	0.3	0.3	ug/L	U
077103	2-Hexanone	N	E84282	8260B	3/6/2006 10:45:00PM	4.4	4.4	ug/L	U
001059	Thallium	N	E87052	200.8	3/2/2006 8:42:00AM	0.25	0.25	ug/L	U
001097	Antimony	N	E84282	200.7 Rev 4.4	3/6/2006 5:45:00PM	3.6	3.6	ug/L	U
000620	Nitrate Nitrogen	N	E84282	353.2	2/24/2006 2:48:00PM	0.01	0.01	mg/L	U
000610	Ammonia	N	E84282	350.1	2/28/2006 11:54:00AM	0.091	0.04	mg/L	
077041	Carbon disulfide	N	E84282	8260B	3/6/2006 10:45:00PM	0.85	0.85	ug/L	U
081552	Acetone	N	E84282	8260B	3/6/2006 10:45:00PM	9.9	9.9	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	3/6/2006 10:45:00PM	0.52	0.52	ug/L	U
032104	Bromoform	N	E84282	8260B	3/6/2006 10:45:00PM	0.58	0.58	ug/L	U
039180	Trichloroethene	N	E84282	8260B	3/6/2006 10:45:00PM	0.28	0.28	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/6/2006 10:45:00PM	0.14	0.14	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	3/6/2006 10:45:00PM	0.65	0.65	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	3/6/2006 10:45:00PM	0.58	0.58	ug/L	U
[illegible]4488	Trichlorofluoromethane	N	E84282	8260B	3/6/2006 10:45:00PM	0.98	0.98	ug/L	U
[illegible]496	1,1-Dichloroethane	N	E84282	8260B	3/6/2006 10:45:00PM	0.52	0.52	ug/L	U

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 17188
WACS Testsite Name: MWB11S
Water Classification: G-II
(LC - Leachate, G-II, SW-IIIF)
Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 2/23/2006 12:08:00PM
Sampling Method: Unknown
Permitted Well Type: CO

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
081595	Methyl Ethyl Ketone	N	E84282	8260B	3/6/2006 10:45:00PM	8.4	8.4	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	3/6/2006 10:45:00PM	0.35	0.35	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	3/6/2006 10:45:00PM	0.44	0.44	ug/L	U
034413	Bromomethane	N	E84282	8260B	3/6/2006 10:45:00PM	0.66	0.66	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	3/6/2006 10:45:00PM	0.42	0.42	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	3/6/2006 5:45:00PM	5.9	5.9	ug/L	U
034311	Chloroethane	N	E84282	8260B	3/6/2006 10:45:00PM	0.8	0.8	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	3/6/2006 10:45:00PM	0.47	0.47	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	3/6/2006 10:45:00PM	0.52	0.52	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	3/6/2006 10:45:00PM	0.14	0.14	ug/L	U
032106	Chloroform	N	E84282	8260B	3/6/2006 10:45:00PM	0.9	0.9	ug/L	U
001147	Selenium	N	E84282	200.7 Rev 4.4	3/6/2006 5:45:00PM	5.9	5.9	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	3/6/2006 5:45:00PM	81	1.2	ug/L	
001012	Beryllium	N	E84282	200.7 Rev 4.4	3/6/2006 5:45:00PM	0.74	0.74	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	3/6/2006 5:45:00PM	0.71	0.71	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	3/6/2006 5:45:00PM	1.7	1.7	ug/L	U
001037	Cobalt	N	E84282	200.7 Rev 4.4	3/6/2006 5:45:00PM	1.8	1.6	ug/L	I
001042	Copper	N	E84282	200.7 Rev 4.4	3/6/2006 5:45:00PM	2.9	2.9	ug/L	U
001045	Iron	N	E84282	200.7 Rev 4.4	3/6/2006 5:45:00PM	1000	22	ug/L	
077057	Vinyl acetate	N	E84282	8260B	3/6/2006 10:45:00PM	1.5	1.5	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	3/6/2006 5:45:00PM	4.7	4.7	ug/L	U
[illegible]7424	Iodomethane	N	E84282	8260B	3/6/2006 10:45:00PM	0.67	0.67	ug/L	U
[illegible]077	Silver	N	E84282	200.7 Rev 4.4	3/6/2006 5:45:00PM	1.9	1.9	ug/L	U
034010	Toluene	N	E84282	8260B	3/6/2006 10:45:00PM	0.51	0.51	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/6/2006 10:45:00PM	2.5	2.5	ug/L	U
078124	Benzene	N	E84282	8260B	3/6/2006 10:45:00PM	0.27	0.27	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	3/6/2006 10:45:00PM	0.14	0.14	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	3/6/2006 10:45:00PM	0.34	0.34	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/8/2006 11:17:00AM	0.0031	0.0031	ug/L	U
001051	Lead	N	E84282	200.7 Rev 4.4	3/6/2006 5:45:00PM	1.6	1.6	ug/L	U
034418	Chloromethane	N	E84282	8260B	3/6/2006 10:45:00PM	0.64	0.64	ug/L	U

Total Parameters Monitored: 75

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Facility Name: Trail Ridge Landfill

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 33628

WACS Testsite ID #: 17199

WACS Testsite Name: MWB20S

Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 2/23/2006 12:29:00PM

Sampling Method: Unknown

Permitted Well Type: CO

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
081552	Acetone	N	E84282	8260B	3/6/2006 11:10:00PM	9.9	9.9	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	3/6/2006 11:10:00PM	0.14	0.14	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	3/6/2006 11:10:00PM	0.65	0.65	ug/L	U
034418	Chloromethane	N	E84282	8260B	3/6/2006 11:10:00PM	0.64	0.64	ug/L	U
032106	Chloroform	N	E84282	8260B	3/6/2006 11:10:00PM	0.9	0.9	ug/L	U
034311	Chloroethane	N	E84282	8260B	3/6/2006 11:10:00PM	0.8	0.8	ug/L	U
001012	Beryllium	N	E84282	200.7 Rev 4.4	3/6/2006 5:40:00PM	0.74	0.74	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	3/6/2006 11:10:00PM	8.4	8.4	ug/L	U
077424	Iodomethane	N	E84282	8260B	3/6/2006 11:10:00PM	0.67	0.67	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	3/6/2006 5:40:00PM	4.7	4.7	ug/L	U
001051	Lead	N	E84282	200.7 Rev 4.4	3/6/2006 5:40:00PM	1.6	1.6	ug/L	U
001045	Iron	N	E84282	200.7 Rev 4.4	3/6/2006 5:40:00PM	400	22	ug/L	
001042	Copper	N	E84282	200.7 Rev 4.4	3/6/2006 5:40:00PM	2.9	2.9	ug/L	U
[illegible]037	Cobalt	N	E84282	200.7 Rev 4.4	3/6/2006 5:40:00PM	1.7	1.6	ug/L	I
[illegible]900	Mercury	N	E84282	245.1	3/2/2006 12:57:00PM	0.072	0.072	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	3/6/2006 11:10:00PM	0.42	0.42	ug/L	U
039180	Trichloroethene	N	E84282	8260B	3/6/2006 11:10:00PM	0.28	0.28	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	3/6/2006 11:10:00PM	0.52	0.52	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	3/6/2006 11:10:00PM	0.5	0.5	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	3/6/2006 11:10:00PM	0.3	0.3	ug/L	U
070300	Total Dissolved Solids	N	E84282	160.1	2/27/2006 12:08:00PM	66	5	mg/L	
001002	Arsenic	N	E84282	200.7 Rev 4.4	3/6/2006 5:40:00PM	4.8	4.8	ug/L	U
001097	Antimony	N	E84282	200.7 Rev 4.4	3/6/2006 5:40:00PM	3.6	3.6	ug/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	3/6/2006 11:10:00PM	0.45	0.45	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	3/6/2006 11:10:00PM	0.52	0.52	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	3/6/2006 11:10:00PM	0.57	0.57	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	3/6/2006 11:10:00PM	0.44	0.44	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	3/6/2006 11:10:00PM	0.15	0.15	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	3/6/2006 5:40:00PM	17	1.2	ug/L	
032105	Dibromochloromethane	N	E84282	8260B	3/6/2006 11:10:00PM	0.34	0.34	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	3/6/2006 11:10:00PM	0.35	0.35	ug/L	U
000940	Chloride	N	E84282	325.2	2/28/2006 4:59:00PM	7.6	0.9	mg/L	
001147	Selenium	N	E84282	200.7 Rev 4.4	3/6/2006 5:40:00PM	5.9	5.9	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/6/2006 11:10:00PM	0.14	0.14	ug/L	U
000094	Specific Conductance	N	E84282	Field Sampling	2/23/2006 12:29:00PM	96		umhos/cm	
034506	1,1,1-Trichloroethane	N	E84282	8260B	3/6/2006 11:10:00PM	0.46	0.46	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	3/6/2006 5:40:00PM	5.9	5.9	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/6/2006 11:10:00PM	0.63	0.63	ug/L	U
077651	Ethylene Dibromide	N	E84282	504.1	3/8/2006 12:03:00PM	0.0092	0.0092	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/8/2006 12:03:00PM	0.0032	0.0032	ug/L	U
072020	Water Level	N	E84282	Field Sampling	2/23/2006 12:29:00PM	113.4		ft	
082079	Turbidity	N	E84282	Field Sampling	2/23/2006 12:29:00PM	2.2		NTU	
[illegible]1087	Vanadium	N	E84282	200.7 Rev 4.4	3/6/2006 5:40:00PM	2.5	2.5	ug/L	U
[illegible]57	Vinyl acetate	N	E84282	8260B	3/6/2006 11:10:00PM	1.5	1.5	ug/L	U

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 17199
WACS Testsite Name: MWB20S
Water Classification: G-II
(LC - Leachate, G-II, SW-IIIF)
* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 2/23/2006 12:29:00PM
Sampling Method: Unknown
Permitted Well Type: CO

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/6/2006 11:10:00PM	2.5	2.5	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	3/6/2006 11:10:00PM	0.98	0.98	ug/L	U
032104	Bromoform	N	E84282	8260B	3/6/2006 11:10:00PM	0.58	0.58	ug/L	U
034413	Bromomethane	N	E84282	8260B	3/6/2006 11:10:00PM	0.66	0.66	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	3/6/2006 11:10:00PM	0.85	0.85	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	3/6/2006 11:10:00PM	0.47	0.47	ug/L	U
077596	Methylene bromide	N	E84282	8260B	3/6/2006 11:10:00PM	0.41	0.41	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	3/6/2006 11:10:00PM	4	4	ug/L	U
077128	Styrene	N	E84282	8260B	3/6/2006 11:10:00PM	0.98	0.98	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	3/6/2006 11:10:00PM	0.34	0.34	ug/L	U
034010	Toluene	N	E84282	8260B	3/6/2006 11:10:00PM	0.51	0.51	ug/L	U
000929	Sodium	N	E84282	200.7 Rev 4.4	3/6/2006 5:40:00PM	4.1	0.31	mg/L	
034699	trans-1,3-Dichloropropene	N	E84282	8260B	3/6/2006 11:10:00PM	0.14	0.14	ug/L	U
001077	Silver	N	E84282	200.7 Rev 4.4	3/6/2006 5:40:00PM	1.9	1.9	ug/L	U
078124	Benzene	N	E84282	8260B	3/6/2006 11:10:00PM	0.27	0.27	ug/L	U
001059	Thallium	N	E87052	200.8	3/2/2006 8:49:00AM	0.25	0.25	ug/L	U
081596	4-Methyl-2-pentanone	N	E84282	8260B	3/6/2006 11:10:00PM	3.8	3.8	ug/L	U
000610	Ammonia	N	E84282	350.1	2/28/2006 11:54:00AM	0.71	0.04	mg/L	
034371	Ethylbenzene	N	E84282	8260B	3/6/2006 11:10:00PM	0.44	0.44	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	3/6/2006 5:40:00PM	1.7	1.7	ug/L	U
000010	Field Temperature	N	E84282	Field Sampling	2/23/2006 12:29:00PM	25.3		Degrees C	
00406	Field pH	N	E84282	Field Sampling	2/23/2006 12:29:00PM	4.34		SU	
0496	1,1-Dichloroethane	N	E84282	8260B	3/6/2006 11:10:00PM	0.52	0.52	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	3/6/2006 11:10:00PM	0.44	0.44	ug/L	U
000620	Nitrate Nitrogen	N	E84282	353.2	2/24/2006 2:48:00PM	0.01	0.01	mg/L	U
077103	2-Hexanone	N	E84282	8260B	3/6/2006 11:10:00PM	4.4	4.4	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	3/6/2006 11:10:00PM	0.63	0.63	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	3/6/2006 11:10:00PM	0.58	0.58	ug/L	U
000299	Oxygen, Dissolved	N	E84282	Field Sampling	2/23/2006 12:29:00PM	0.9		mg/L	
001027	Cadmium	N	E84282	200.7 Rev 4.4	3/6/2006 5:40:00PM	0.71	0.71	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	3/6/2006 11:10:00PM	1.2	1.2	ug/L	U

Total Parameters Monitored: 75

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Facility Name: Trail Ridge Landfill

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 33628

WACS Testsite ID #: 17200

WACS Testsite Name: MWB21S

Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 2/23/2006 12:54:00PM

Sampling Method: Unknown

Permitted Well Type: CO

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
032101	Bromodichloromethane	N	E84282	8260B	3/6/2006 11:35:00PM	0.35	0.35	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	3/6/2006 11:35:00PM	0.63	0.63	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	3/6/2006 11:35:00PM	0.98	0.98	ug/L	U
039180	Trichloroethene	N	E84282	8260B	3/6/2006 11:35:00PM	0.28	0.28	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/6/2006 11:35:00PM	2.5	2.5	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	3/6/2006 5:34:00PM	4.7	4.7	ug/L	U
000940	Chloride	N	E84282	325.2	2/28/2006 4:59:00PM	7.7	0.9	mg/L	
001002	Arsenic	N	E84282	200.7 Rev 4.4	3/6/2006 5:34:00PM	4.8	4.8	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	3/6/2006 11:35:00PM	0.85	0.85	ug/L	U
077128	Styrene	N	E84282	8260B	3/6/2006 11:35:00PM	0.98	0.98	ug/L	U
032104	Bromoform	N	E84282	8260B	3/6/2006 11:35:00PM	0.58	0.58	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	3/6/2006 11:35:00PM	0.42	0.42	ug/L	U
001042	Copper	N	E84282	200.7 Rev 4.4	3/6/2006 5:34:00PM	2.9	2.9	ug/L	U
[illegible]1037	Cobalt	N	E84282	200.7 Rev 4.4	3/6/2006 5:34:00PM	1.6	1.6	ug/L	U
[illegible]034	Chromium	N	E84282	200.7 Rev 4.4	3/6/2006 5:34:00PM	1.7	1.7	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	3/6/2006 5:34:00PM	0.71	0.71	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	3/6/2006 11:35:00PM	0.44	0.44	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	3/6/2006 5:34:00PM	18	1.2	ug/L	
001045	Iron	N	E84282	200.7 Rev 4.4	3/6/2006 5:34:00PM	600	22	ug/L	
001097	Antimony	N	E84282	200.7 Rev 4.4	3/6/2006 5:34:00PM	3.6	3.6	ug/L	U
000610	Ammonia	N	E84282	350.1	2/28/2006 11:54:00AM	0.073	0.04	mg/L	
034413	Bromomethane	N	E84282	8260B	3/6/2006 11:35:00PM	0.66	0.66	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	3/6/2006 11:35:00PM	0.65	0.65	ug/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	3/6/2006 11:35:00PM	0.45	0.45	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	3/6/2006 11:35:00PM	0.15	0.15	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	3/6/2006 11:35:00PM	0.44	0.44	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	3/6/2006 11:35:00PM	0.57	0.57	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	3/6/2006 11:35:00PM	0.52	0.52	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	3/6/2006 11:35:00PM	0.52	0.52	ug/L	U
077103	2-Hexanone	N	E84282	8260B	3/6/2006 11:35:00PM	4.4	4.4	ug/L	U
081596	4-Methyl-2-pentanone	N	E84282	8260B	3/6/2006 11:35:00PM	3.8	3.8	ug/L	U
071900	Mercury	N	E84282	245.1	3/2/2006 1:04:00PM	0.072	0.072	ug/L	U
034418	Chloromethane	N	E84282	8260B	3/6/2006 11:35:00PM	0.64	0.64	ug/L	U
070300	Total Dissolved Solids	N	E84282	160.1	2/27/2006 12:08:00PM	40	5	mg/L	
034704	cis-1,3-Dichloropropene	N	E84282	8260B	3/6/2006 11:35:00PM	0.14	0.14	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/8/2006 12:27:00PM	0.0031	0.0031	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	3/6/2006 11:35:00PM	0.14	0.14	ug/L	U
001147	Selenium	N	E84282	200.7 Rev 4.4	3/6/2006 5:34:00PM	5.9	5.9	ug/L	U
001077	Silver	N	E84282	200.7 Rev 4.4	3/6/2006 5:34:00PM	1.9	1.9	ug/L	U
000929	Sodium	N	E84282	200.7 Rev 4.4	3/6/2006 5:34:00PM	3	0.31	mg/L	
001087	Vanadium	N	E84282	200.7 Rev 4.4	3/6/2006 5:34:00PM	2.5	2.5	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	3/6/2006 5:34:00PM	5.9	5.9	ug/L	U
[illegible]4475	Tetrachloroethene	N	E84282	8260B	3/6/2006 11:35:00PM	0.34	0.34	ug/L	U
[illegible]552	Acetone	N	E84282	8260B	3/6/2006 11:35:00PM	9.9	9.9	ug/L	U

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 17200
WACS Testsite Name: MWB21S
Water Classification: G-II
(LC - Leachate, G-II, SW-IIIF)
Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 2/23/2006 12:54:00PM
Sampling Method: Unknown
Permitted Well Type: CO

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001012	Beryllium	N	E84282	200.7 Rev 4.4	3/6/2006 5:34:00PM	0.74	0.74	ug/L	U
034010	Toluene	N	E84282	8260B	3/6/2006 11:35:00PM	0.51	0.51	ug/L	U
032106	Chloroform	N	E84282	8260B	3/6/2006 11:35:00PM	0.9	0.9	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	3/6/2006 11:35:00PM	0.34	0.34	ug/L	U
000094	Specific Conductance	N	E84282	Field Sampling	2/23/2006 12:54:00PM	41		umhos/cm	
034506	1,1,1-Trichloroethane	N	E84282	8260B	3/6/2006 11:35:00PM	0.46	0.46	ug/L	U
077651	Ethylene Dibromide	N	E84282	504.1	3/8/2006 12:27:00PM	0.0091	0.0091	ug/L	U
072020	Water Level	N	E84282	Field Sampling	2/23/2006 12:54:00PM	112.3		ft	
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/6/2006 11:35:00PM	0.63	0.63	ug/L	U
000406	Field pH	N	E84282	Field Sampling	2/23/2006 12:54:00PM	4.91		SU	
000010	Field Temperature	N	E84282	Field Sampling	2/23/2006 12:54:00PM	21.5		Degrees C	
034423	Methylene Chloride	N	E84282	8260B	3/6/2006 11:35:00PM	4	4	ug/L	U
077596	Methylene bromide	N	E84282	8260B	3/6/2006 11:35:00PM	0.41	0.41	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	3/6/2006 11:35:00PM	0.44	0.44	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	3/6/2006 11:35:00PM	0.5	0.5	ug/L	U
034311	Chloroethane	N	E84282	8260B	3/6/2006 11:35:00PM	0.8	0.8	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	3/6/2006 11:35:00PM	1.5	1.5	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	3/6/2006 11:35:00PM	0.3	0.3	ug/L	U
001051	Lead	N	E84282	200.7 Rev 4.4	3/6/2006 5:34:00PM	1.6	1.6	ug/L	U
000620	Nitrate Nitrogen	N	E84282	353.2	2/24/2006 2:48:00PM	0.01	0.01	mg/L	U
077424	Iodomethane	N	E84282	8260B	3/6/2006 11:35:00PM	0.67	0.67	ug/L	U
[illegible]4511	1,1,2-Trichloroethane	N	E84282	8260B	3/6/2006 11:35:00PM	0.47	0.47	ug/L	U
[illegible]079	Turbidity	N	E84282	Field Sampling	2/23/2006 12:54:00PM	7		NTU	
[illegible]73085	Bromochloromethane	N	E84282	8260B	3/6/2006 11:35:00PM	0.58	0.58	ug/L	U
078124	Benzene	N	E84282	8260B	3/6/2006 11:35:00PM	0.27	0.27	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	3/6/2006 11:35:00PM	1.2	1.2	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/6/2006 11:35:00PM	0.14	0.14	ug/L	U
000299	Oxygen, Dissolved	N	E84282	Field Sampling	2/23/2006 12:54:00PM	1		mg/L	
034496	1,1-Dichloroethane	N	E84282	8260B	3/6/2006 11:35:00PM	0.52	0.52	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	3/6/2006 11:35:00PM	8.4	8.4	ug/L	U
001059	Thallium	N	E87052	200.8	3/2/2006 8:56:00AM	0.25	0.25	ug/L	U

Total Parameters Monitored: 75

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

Facility Name: Trail Ridge Landfill

PARAMETER MONITORING REPORT
Rule 62-701
WACS Report Type: SEMGW
Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 33628
WACS Testsite ID #: 17232
WACS Testsite Name: MWB17S
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 2/23/2006 12:18:00PM
Sampling Method: Unknown
Permitted Well Type: CO

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
000929	Sodium	N	E84282	200.7 Rev 4.4	3/6/2006 5:18:00PM	3.6	0.31	mg/L	
001002	Arsenic	N	E84282	200.7 Rev 4.4	3/6/2006 5:18:00PM	4.8	4.8	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	3/6/2006 5:18:00PM	4.7	4.7	ug/L	U
001051	Lead	N	E84282	200.7 Rev 4.4	3/6/2006 5:18:00PM	1.6	1.6	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	3/7/2006 12:00:00AM	4	4	ug/L	U
001045	Iron	N	E84282	200.7 Rev 4.4	3/6/2006 5:18:00PM	150	22	ug/L	
001042	Copper	N	E84282	200.7 Rev 4.4	3/6/2006 5:18:00PM	2.9	2.9	ug/L	U
001037	Cobalt	N	E84282	200.7 Rev 4.4	3/6/2006 5:18:00PM	1.7	1.6	ug/L	I
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/7/2006 12:00:00AM	0.14	0.14	ug/L	U
077424	Iodomethane	N	E84282	8260B	3/7/2006 12:00:00AM	0.67	0.67	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	3/7/2006 12:00:00AM	0.34	0.34	ug/L	U
001087	Vanadium	N	E84282	200.7 Rev 4.4	3/6/2006 5:18:00PM	2.5	2.5	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	3/6/2006 5:18:00PM	5.9	5.9	ug/L	U
[illegible]1059	Thallium	N	E87052	200.8	3/2/2006 9:18:00AM	0.28	0.25	ug/L	I
[illegible]300	Total Dissolved Solids	N	E84282	160.1	2/27/2006 12:08:00PM	52	5	mg/L	
32101	Bromodichloromethane	N	E84282	8260B	3/7/2006 12:00:00AM	0.35	0.35	ug/L	U
000094	Specific Conductance	N	E84282	Field Sampling	2/23/2006 12:18:00PM	55		umhos/cm	
034546	trans-1,2-Dichloroethene	N	E84282	8260B	3/7/2006 12:00:00AM	0.44	0.44	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	3/6/2006 5:18:00PM	1.8	1.7	ug/L	I
039175	Vinyl chloride	N	E84282	8260B	3/7/2006 12:00:00AM	0.5	0.5	ug/L	U
081596	4-Methyl-2-pentanone	N	E84282	8260B	3/7/2006 12:00:00AM	3.8	3.8	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	3/7/2006 12:00:00AM	0.52	0.52	ug/L	U
000406	Field pH	N	E84282	Field Sampling	2/23/2006 12:18:00PM	5.25		SU	
000010	Field Temperature	N	E84282	Field Sampling	2/23/2006 12:18:00PM	20.8		Degrees C	
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/7/2006 12:00:00AM	2.5	2.5	ug/L	U
039180	Trichloroethene	N	E84282	8260B	3/7/2006 12:00:00AM	0.28	0.28	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	3/6/2006 5:18:00PM	0.71	0.71	ug/L	U
034010	Toluene	N	E84282	8260B	3/7/2006 12:00:00AM	0.51	0.51	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	3/7/2006 12:00:00AM	1.5	1.5	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	3/7/2006 12:00:00AM	0.65	0.65	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	3/7/2006 12:00:00AM	0.3	0.3	ug/L	U
000299	Oxygen, Dissolved	N	E84282	Field Sampling	2/23/2006 12:18:00PM	2.2		mg/L	
000940	Chloride	N	E84282	325.2	2/28/2006 4:59:00PM	7.7	0.9	mg/L	
034311	Chloroethane	N	E84282	8260B	3/7/2006 12:00:00AM	0.8	0.8	ug/L	U
000620	Nitrate Nitrogen	N	E84282	353.2	2/24/2006 2:48:00PM	0.01	0.01	mg/L	U
077128	Styrene	N	E84282	8260B	3/7/2006 12:00:00AM	0.98	0.98	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	3/7/2006 12:00:00AM	0.14	0.14	ug/L	U
001097	Antimony	N	E84282	200.7 Rev 4.4	3/6/2006 5:18:00PM	3.6	3.6	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	3/7/2006 12:00:00AM	0.98	0.98	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	3/7/2006 12:00:00AM	0.14	0.14	ug/L	U
000610	Ammonia	N	E84282	350.1	2/28/2006 11:54:00AM	0.085	0.04	mg/L	
034531	1,2-Dichloroethane	N	E84282	8260B	3/7/2006 12:00:00AM	0.57	0.57	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	3/7/2006 12:00:00AM	0.52	0.52	ug/L	U
[illegible]596	Methylene bromide	N	E84282	8260B	3/7/2006 12:00:00AM	0.41	0.41	ug/L	U

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 17232
WACS Testsite Name: MWB17S
Water Classification: G-II
LC - Leachate, G-II, SW-IIIF)
Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 2/23/2006 12:18:00PM
Sampling Method: Unknown
Permitted Well Type: CO

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
077103	2-Hexanone	N	E84282	8260B	3/7/2006 12:00:00AM	4.4	4.4	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	3/7/2006 12:00:00AM	8.4	8.4	ug/L	U
081552	Acetone	N	E84282	8260B	3/7/2006 12:00:00AM	9.9	9.9	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	3/7/2006 12:00:00AM	0.15	0.15	ug/L	U
078124	Benzene	N	E84282	8260B	3/7/2006 12:00:00AM	0.27	0.27	ug/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	3/7/2006 12:00:00AM	0.45	0.45	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	3/7/2006 12:00:00AM	0.34	0.34	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	3/7/2006 12:00:00AM	0.44	0.44	ug/L	U
071900	Mercury	N	E84282	245.1	3/2/2006 1:13:00PM	0.072	0.072	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	3/7/2006 12:00:00AM	0.52	0.52	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	3/7/2006 12:00:00AM	0.47	0.47	ug/L	U
001147	Selenium	N	E84282	200.7 Rev 4.4	3/6/2006 5:18:00PM	5.9	5.9	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	3/7/2006 12:00:00AM	0.63	0.63	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	3/7/2006 12:00:00AM	0.42	0.42	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	3/7/2006 12:00:00AM	1.2	1.2	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/7/2006 12:00:00AM	0.63	0.63	ug/L	U
001077	Silver	N	E84282	200.7 Rev 4.4	3/6/2006 5:18:00PM	1.9	1.9	ug/L	U
001012	Beryllium	N	E84282	200.7 Rev 4.4	3/6/2006 5:18:00PM	0.74	0.74	ug/L	U
082079	Turbidity	N	E84282	Field Sampling	2/23/2006 12:18:00PM	11.9		NTU	
072020	Water Level	N	E84282	Field Sampling	2/23/2006 12:18:00PM	130.94		ft	
034536	1,2-Dichlorobenzene	N	E84282	8260B	3/7/2006 12:00:00AM	0.44	0.44	ug/L	U
7651	Ethylene Dibromide	N	E84282	504.1	3/8/2006 4:28:00PM	0.0095	0.0095	ug/L	U
041	Carbon disulfide	N	E84282	8260B	3/7/2006 12:00:00AM	0.85	0.85	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	3/7/2006 12:00:00AM	0.46	0.46	ug/L	U
034418	Chloromethane	N	E84282	8260B	3/7/2006 12:00:00AM	0.64	0.64	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	3/6/2006 5:18:00PM	3.1	1.2	ug/L	I
073085	Bromochloromethane	N	E84282	8260B	3/7/2006 12:00:00AM	0.58	0.58	ug/L	U
032106	Chloroform	N	E84282	8260B	3/7/2006 12:00:00AM	0.9	0.9	ug/L	U
032104	Bromoform	N	E84282	8260B	3/7/2006 12:00:00AM	0.58	0.58	ug/L	U
034413	Bromomethane	N	E84282	8260B	3/7/2006 12:00:00AM	0.66	0.66	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/8/2006 4:28:00PM	0.0033	0.0033	ug/L	U

Total Parameters Monitored: 75

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

Facility Name: Trail Ridge Landfill

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 33628

WACS Testsite ID #: 17231

WACS Testsite Name: MWB17I

Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 2/23/2006 1:05:00PM

Sampling Method: Unknown

Permitted Well Type: CO

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
000929	Sodium	N	E84282	200.7 Rev 4.4	3/6/2006 5:07:00PM	3.2	0.31	mg/L	
077443	1,2,3-Trichloropropane	N	E84282	8260B	3/7/2006 12:49:00AM	0.15	0.15	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	3/7/2006 12:49:00AM	0.44	0.44	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	3/7/2006 12:49:00AM	0.57	0.57	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	3/7/2006 12:49:00AM	0.52	0.52	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	3/7/2006 12:49:00AM	0.52	0.52	ug/L	U
034311	Chloroethane	N	E84282	8260B	3/7/2006 12:49:00AM	0.8	0.8	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	3/7/2006 12:49:00AM	0.3	0.3	ug/L	U
032106	Chloroform	N	E84282	8260B	3/7/2006 12:49:00AM	0.9	0.9	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	3/7/2006 12:49:00AM	0.47	0.47	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	3/7/2006 12:49:00AM	0.52	0.52	ug/L	U
077103	2-Hexanone	N	E84282	8260B	3/7/2006 12:49:00AM	4.4	4.4	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	3/6/2006 5:07:00PM	4.7	4.7	ug/L	U
[illegible]0406	Field pH	N	E84282	Field Sampling	2/23/2006 1:05:00PM	4.93		SU	
[illegible]042	Copper	N	E84282	200.7 Rev 4.4	3/6/2006 5:07:00PM	2.9	2.9	ug/L	U
039180	Trichloroethene	N	E84282	8260B	3/7/2006 12:49:00AM	0.28	0.28	ug/L	U
034413	Bromomethane	N	E84282	8260B	3/7/2006 12:49:00AM	0.66	0.66	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	3/7/2006 12:49:00AM	1.5	1.5	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	3/7/2006 12:49:00AM	0.44	0.44	ug/L	U
001045	Iron	N	E84282	200.7 Rev 4.4	3/6/2006 5:07:00PM	390	22	ug/L	
034010	Toluene	N	E84282	8260B	3/7/2006 12:49:00AM	0.51	0.51	ug/L	U
001147	Selenium	N	E84282	200.7 Rev 4.4	3/6/2006 5:07:00PM	5.9	5.9	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	3/7/2006 12:49:00AM	0.14	0.14	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/7/2006 12:49:00AM	2.5	2.5	ug/L	U
001051	Lead	N	E84282	200.7 Rev 4.4	3/6/2006 5:07:00PM	1.6	1.6	ug/L	U
081596	4-Methyl-2-pentanone	N	E84282	8260B	3/7/2006 12:49:00AM	3.8	3.8	ug/L	U
000010	Field Temperature	N	E84282	Field Sampling	2/23/2006 1:05:00PM	22.2		Degrees C	
039175	Vinyl chloride	N	E84282	8260B	3/7/2006 12:49:00AM	0.5	0.5	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	3/7/2006 12:49:00AM	0.34	0.34	ug/L	U
077128	Styrene	N	E84282	8260B	3/7/2006 12:49:00AM	0.98	0.98	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	3/7/2006 12:49:00AM	0.63	0.63	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	3/7/2006 12:49:00AM	0.98	0.98	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	3/6/2006 5:07:00PM	1.7	1.7	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/7/2006 12:49:00AM	0.14	0.14	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	3/7/2006 12:49:00AM	0.46	0.46	ug/L	U
071900	Mercury	N	E84282	245.1	3/2/2006 1:16:00PM	0.072	0.072	ug/L	U
001059	Thallium	N	E87052	200.8	3/2/2006 9:58:00AM	0.25	0.25	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	3/7/2006 12:49:00AM	0.14	0.14	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	3/6/2006 5:07:00PM	5.9	5.9	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/7/2006 12:49:00AM	0.63	0.63	ug/L	U
077651	Ethylene Dibromide	N	E84282	504.1	3/8/2006 5:54:00PM	0.0089	0.0089	ug/L	U
032104	Bromoform	N	E84282	8260B	3/7/2006 12:49:00AM	0.58	0.58	ug/L	U
[illegible]2101	Bromodichloromethane	N	E84282	8260B	3/7/2006 12:49:00AM	0.35	0.35	ug/L	U
[illegible]085	Bromochloromethane	N	E84282	8260B	3/7/2006 12:49:00AM	0.58	0.58	ug/L	U

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 17231
WACS Testsite Name: MWB17I
Water Classification: G-II
(LC - Leachate, G-II, SW-IIIF)
* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 2/23/2006 1:05:00PM
Sampling Method: Unknown
Permitted Well Type: CO

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
078124	Benzene	N	E84282	8260B	3/7/2006 12:49:00AM	0.27	0.27	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	3/7/2006 12:49:00AM	1.2	1.2	ug/L	U
001077	Silver	N	E84282	200.7 Rev 4.4	3/6/2006 5:07:00PM	1.9	1.9	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	3/7/2006 12:49:00AM	0.85	0.85	ug/L	U
000940	Chloride	N	E84282	325.2	3/2/2006 10:44:00AM	6.1	0.9	mg/L	
032102	Carbon tetrachloride	N	E84282	8260B	3/7/2006 12:49:00AM	0.42	0.42	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/8/2006 5:54:00PM	0.0031	0.0031	ug/L	U
072020	Water Level	N	E84282	Field Sampling	2/23/2006 1:05:00PM	134.85		ft	
082079	Turbidity	N	E84282	Field Sampling	2/23/2006 1:05:00PM	12.3		NTU	
000094	Specific Conductance	N	E84282	Field Sampling	2/23/2006 1:05:00PM	29		umhos/cm	
000299	Oxygen, Dissolved	N	E84282	Field Sampling	2/23/2006 1:05:00PM	1.4		mg/L	
001037	Cobalt	N	E84282	200.7 Rev 4.4	3/6/2006 5:07:00PM	1.6	1.6	ug/L	U
081552	Acetone	N	E84282	8260B	3/7/2006 12:49:00AM	9.9	9.9	ug/L	U
000610	Ammonia	N	E84282	350.1	2/28/2006 11:54:00AM	0.04	0.04	mg/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	3/7/2006 12:49:00AM	0.45	0.45	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	3/7/2006 12:49:00AM	4	4	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	3/6/2006 5:07:00PM	0.71	0.71	ug/L	U
001012	Beryllium	N	E84282	200.7 Rev 4.4	3/6/2006 5:07:00PM	0.74	0.74	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	3/6/2006 5:07:00PM	38	1.2	ug/L	
001002	Arsenic	N	E84282	200.7 Rev 4.4	3/6/2006 5:07:00PM	4.8	4.8	ug/L	U
001087	Vanadium	N	E84282	200.7 Rev 4.4	3/6/2006 5:07:00PM	2.5	2.5	ug/L	U
[illegible]620	Nitrate Nitrogen	N	E84282	353.2	2/24/2006 2:48:00PM	0.01	0.01	mg/L	U
[illegible]105	Dibromochloromethane	N	E84282	8260B	3/7/2006 12:49:00AM	0.34	0.34	ug/L	U
034418	Chloromethane	N	E84282	8260B	3/7/2006 12:49:00AM	0.64	0.64	ug/L	U
070300	Total Dissolved Solids	N	E84282	160.1	2/27/2006 12:08:00PM	32	5	mg/L	
077093	cis-1,2-Dichloroethene	N	E84282	8260B	3/7/2006 12:49:00AM	0.65	0.65	ug/L	U
077596	Methylene bromide	N	E84282	8260B	3/7/2006 12:49:00AM	0.41	0.41	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	3/7/2006 12:49:00AM	8.4	8.4	ug/L	U
077424	Iodomethane	N	E84282	8260B	3/7/2006 12:49:00AM	0.67	0.67	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	3/7/2006 12:49:00AM	0.44	0.44	ug/L	U
001097	Antimony	N	E84282	200.7 Rev 4.4	3/6/2006 5:07:00PM	3.6	3.6	ug/L	U

Total Parameters Monitored: 75

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

Facility Name: Trail Ridge Landfill

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 33628

WACS Testsite ID #: # 20110

WACS Testsite Name: MWB34D

Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 2/23/2006 7:56:00AM

Sampling Method: Unknown

Permitted Well Type: DE

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001147	Selenium	N	E84282	200.7 Rev 4.4	3/6/2006 5:01:00PM	5.9	5.9	ug/L	U
000010	Field Temperature	N	E84282	Field Sampling	2/23/2006 7:56:00AM	21.3		Degrees C	
000299	Oxygen, Dissolved	N	E84282	Field Sampling	2/23/2006 7:56:00AM	1		mg/L	
000094	Specific Conductance	N	E84282	Field Sampling	2/23/2006 7:56:00AM	375		umhos/cm	
001034	Chromium	N	E84282	200.7 Rev 4.4	3/6/2006 5:01:00PM	1.7	1.7	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	3/7/2006 4:58:00AM	0.63	0.63	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	3/7/2006 4:58:00AM	0.34	0.34	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	3/7/2006 4:58:00AM	0.58	0.58	ug/L	U
077424	Iodomethane	N	E84282	8260B	3/7/2006 4:58:00AM	0.67	0.67	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	3/7/2006 4:58:00AM	0.34	0.34	ug/L	U
077128	Styrene	N	E84282	8260B	3/7/2006 4:58:00AM	0.98	0.98	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	3/7/2006 4:58:00AM	4	4	ug/L	U
077596	Methylene bromide	N	E84282	8260B	3/7/2006 4:58:00AM	0.41	0.41	ug/L	U
[illegible]1595	Methyl Ethyl Ketone	N	E84282	8260B	3/7/2006 4:58:00AM	8.4	8.4	ug/L	U
[illegible]418	Chloromethane	N	E84282	8260B	3/7/2006 4:58:00AM	0.64	0.64	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	3/7/2006 4:58:00AM	0.44	0.44	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	3/7/2006 4:58:00AM	0.14	0.14	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	3/7/2006 4:58:00AM	0.65	0.65	ug/L	U
034010	Toluene	N	E84282	8260B	3/7/2006 4:58:00AM	0.51	0.51	ug/L	U
001012	Beryllium	N	E84282	200.7 Rev 4.4	3/6/2006 5:01:00PM	0.74	0.74	ug/L	U
032106	Chloroform	N	E84282	8260B	3/7/2006 4:58:00AM	0.9	0.9	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/7/2006 4:58:00AM	2.5	2.5	ug/L	U
001045	Iron	N	E84282	200.7 Rev 4.4	3/6/2006 5:01:00PM	480	22	ug/L	
077651	Ethylene Dibromide	N	E84282	504.1	3/8/2006 6:17:00PM	0.0088	0.0088	ug/L	U
034311	Chloroethane	N	E84282	8260B	3/7/2006 4:58:00AM	0.8	0.8	ug/L	U
001087	Vanadium	N	E84282	200.7 Rev 4.4	3/6/2006 5:01:00PM	2.5	2.5	ug/L	U
000929	Sodium	N	E84282	200.7 Rev 4.4	3/6/2006 5:01:00PM	6.1	0.31	mg/L	
001077	Silver	N	E84282	200.7 Rev 4.4	3/6/2006 5:01:00PM	1.9	1.9	ug/L	U
001042	Copper	N	E84282	200.7 Rev 4.4	3/6/2006 5:01:00PM	2.9	2.9	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	3/6/2006 5:01:00PM	4.7	4.7	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	3/7/2006 4:58:00AM	0.44	0.44	ug/L	U
001037	Cobalt	N	E84282	200.7 Rev 4.4	3/6/2006 5:01:00PM	1.6	1.6	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	3/6/2006 5:01:00PM	0.71	0.71	ug/L	U
001051	Lead	N	E84282	200.7 Rev 4.4	3/6/2006 5:01:00PM	1.6	1.6	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	3/7/2006 4:58:00AM	1.5	1.5	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	3/6/2006 5:01:00PM	100	1.2	ug/L	
001002	Arsenic	N	E84282	200.7 Rev 4.4	3/6/2006 5:01:00PM	4.8	4.8	ug/L	U
001097	Antimony	N	E84282	200.7 Rev 4.4	3/6/2006 5:01:00PM	3.6	3.6	ug/L	U
000620	Nitrate Nitrogen	N	E84282	353.2	2/24/2006 2:48:00PM	0.01	0.01	mg/L	U
000610	Ammonia	N	E84282	350.1	2/28/2006 11:54:00AM	0.21	0.04	mg/L	
000940	Chloride	N	E84282	325.2	3/2/2006 10:44:00AM	5.8	0.9	mg/L	
034571	1,4-Dichlorobenzene	N	E84282	8260B	3/7/2006 4:58:00AM	0.52	0.52	ug/L	U
[illegible]4699	trans-1,3-Dichloropropene	N	E84282	8260B	3/7/2006 4:58:00AM	0.14	0.14	ug/L	U
[illegible]541	1,2-Dichloropropane	N	E84282	8260B	3/7/2006 4:58:00AM	0.52	0.52	ug/L	U

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 220110
WACS Testsite Name: MWB34D
[redacted]ater Classification: G-II
LC - Leachate, G-II, SW-IIIF)

Sample Date/Time: 2/23/2006 7:56:00AM
Sampling Method: Unknown
Permitted Well Type: DE

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

* Well Purged prior to Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
071900	Mercury	N	E84282	245.1	3/2/2006 1:18:00PM	0.072	0.072	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	3/7/2006 4:58:00AM	0.98	0.98	ug/L	U
039180	Trichloroethene	N	E84282	8260B	3/7/2006 4:58:00AM	0.28	0.28	ug/L	U
000406	Field pH	N	E84282	Field Sampling	2/23/2006 7:56:00AM	6.91		SU	
034501	1,1-Dichloroethene	N	E84282	8260B	3/7/2006 4:58:00AM	0.45	0.45	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	3/7/2006 4:58:00AM	0.15	0.15	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	3/7/2006 4:58:00AM	0.44	0.44	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	3/7/2006 4:58:00AM	0.46	0.46	ug/L	U
070300	Total Dissolved Solids	N	E84282	160.1	2/27/2006 12:08:00PM	220	5	mg/L	
081551	Xylenes, Total	N	E84282	8260B	3/7/2006 4:58:00AM	0.3	0.3	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	3/7/2006 4:58:00AM	0.52	0.52	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	3/7/2006 4:58:00AM	1.2	1.2	ug/L	U
081552	Acetone	N	E84282	8260B	3/7/2006 4:58:00AM	9.9	9.9	ug/L	U
081596	4-Methyl-2-pentanone	N	E84282	8260B	3/7/2006 4:58:00AM	3.8	3.8	ug/L	U
077103	2-Hexanone	N	E84282	8260B	3/7/2006 4:58:00AM	4.4	4.4	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/8/2006 6:17:00PM	0.003	0.003	ug/L	U
072020	Water Level	N	E84282	Field Sampling	2/23/2006 7:56:00AM	115.87		ft	
034531	1,2-Dichloroethane	N	E84282	8260B	3/7/2006 4:58:00AM	0.57	0.57	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/7/2006 4:58:00AM	0.63	0.63	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	3/6/2006 5:01:00PM	5.9	5.9	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	3/7/2006 4:58:00AM	0.47	0.47	ug/L	U
[redacted]1059	Thallium	N	E87052	200.8	3/2/2006 9:44:00AM	0.25	0.25	ug/L	U
[redacted]2101	Bromodichloromethane	N	E84282	8260B	3/7/2006 4:58:00AM	0.35	0.35	ug/L	U
032104	Bromoform	N	E84282	8260B	3/7/2006 4:58:00AM	0.58	0.58	ug/L	U
034413	Bromomethane	N	E84282	8260B	3/7/2006 4:58:00AM	0.66	0.66	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	3/7/2006 4:58:00AM	0.85	0.85	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	3/7/2006 4:58:00AM	0.42	0.42	ug/L	U
082079	Turbidity	N	E84282	Field Sampling	2/23/2006 7:56:00AM	0.7		NTU	
039175	Vinyl chloride	N	E84282	8260B	3/7/2006 4:58:00AM	0.5	0.5	ug/L	U
078124	Benzene	N	E84282	8260B	3/7/2006 4:58:00AM	0.27	0.27	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/7/2006 4:58:00AM	0.14	0.14	ug/L	U

Total Parameters Monitored: 75

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

Facility Name: Trail Ridge Landfill

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 33628

WACS Testsite ID #: 20109

WACS Testsite Name: MWB34I

Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 2/23/2006 8:28:00AM

Sampling Method: Unknown

Permitted Well Type: DE

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
032105	Dibromochloromethane	N	E84282	8260B	3/7/2006 5:23:00AM	0.34	0.34	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	3/7/2006 5:23:00AM	0.46	0.46	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/7/2006 5:23:00AM	0.14	0.14	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	3/7/2006 5:23:00AM	0.47	0.47	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	3/7/2006 5:23:00AM	0.52	0.52	ug/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	3/7/2006 5:23:00AM	0.45	0.45	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	3/7/2006 5:23:00AM	0.15	0.15	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	3/7/2006 5:23:00AM	0.44	0.44	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	3/7/2006 5:23:00AM	0.57	0.57	ug/L	U
000620	Nitrate Nitrogen	N	E84282	353.2	2/24/2006 2:48:00PM	0.01	0.01	mg/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	3/7/2006 5:23:00AM	0.52	0.52	ug/L	U
077103	2-Hexanone	N	E84282	8260B	3/7/2006 5:23:00AM	4.4	4.4	ug/L	U
034311	Chloroethane	N	E84282	8260B	3/7/2006 5:23:00AM	0.8	0.8	ug/L	U
[illegible]106	Chloroform	N	E84282	8260B	3/7/2006 5:23:00AM	0.9	0.9	ug/L	U
[illegible]418	Chloromethane	N	E84282	8260B	3/7/2006 5:23:00AM	0.64	0.64	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	3/7/2006 5:23:00AM	0.65	0.65	ug/L	U
077424	Iodomethane	N	E84282	8260B	3/7/2006 5:23:00AM	0.67	0.67	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	3/7/2006 5:23:00AM	0.44	0.44	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	3/7/2006 5:23:00AM	0.14	0.14	ug/L	U
001002	Arsenic	N	E84282	200.7 Rev 4.4	3/6/2006 4:56:00PM	4.8	4.8	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	3/7/2006 5:23:00AM	8.4	8.4	ug/L	U
077596	Methylene bromide	N	E84282	8260B	3/7/2006 5:23:00AM	0.41	0.41	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	3/7/2006 5:23:00AM	4	4	ug/L	U
070300	Total Dissolved Solids	N	E84282	160.1	2/27/2006 12:08:00PM	42	5	mg/L	
000940	Chloride	N	E84282	325.2	3/2/2006 10:44:00AM	6.3	0.9	mg/L	
000610	Ammonia	N	E84282	350.1	2/28/2006 11:54:00AM	0.04	0.04	mg/L	U
001059	Thallium	N	E87052	200.8	3/2/2006 10:05:00AM	0.25	0.25	ug/L	U
001097	Antimony	N	E84282	200.7 Rev 4.4	3/6/2006 4:56:00PM	3.6	3.6	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	3/7/2006 5:23:00AM	0.52	0.52	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	3/6/2006 4:56:00PM	53	1.2	ug/L	
001012	Beryllium	N	E84282	200.7 Rev 4.4	3/6/2006 4:56:00PM	0.74	0.74	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	3/6/2006 4:56:00PM	0.71	0.71	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	3/6/2006 4:56:00PM	2.1	1.7	ug/L	I
001037	Cobalt	N	E84282	200.7 Rev 4.4	3/6/2006 4:56:00PM	1.6	1.6	ug/L	U
001042	Copper	N	E84282	200.7 Rev 4.4	3/6/2006 4:56:00PM	2.9	2.9	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/7/2006 5:23:00AM	0.63	0.63	ug/L	U
001087	Vanadium	N	E84282	200.7 Rev 4.4	3/6/2006 4:56:00PM	2.5	2.5	ug/L	U
000010	Field Temperature	N	E84282	Field Sampling	2/23/2006 8:28:00AM	21.7		Degrees C	
000929	Sodium	N	E84282	200.7 Rev 4.4	3/6/2006 4:56:00PM	3.3	0.31	mg/L	
001147	Selenium	N	E84282	200.7 Rev 4.4	3/6/2006 4:56:00PM	5.9	5.9	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	3/6/2006 4:56:00PM	4.7	4.7	ug/L	U
001051	Lead	N	E84282	200.7 Rev 4.4	3/6/2006 4:56:00PM	1.6	1.6	ug/L	U
[illegible]045	Iron	N	E84282	200.7 Rev 4.4	3/6/2006 4:56:00PM	590	22	ug/L	
[illegible]51	Xylenes, Total	N	E84282	8260B	3/7/2006 5:23:00AM	0.3	0.3	ug/L	U

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 20109
WACS Testsite Name: MWB34I
Water Classification: G-II
(C - Leachate, G-II, SW-IIIF)
Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 2/23/2006 8:28:00AM
Sampling Method: Unknown
Permitted Well Type: DE

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
039175	Vinyl chloride	N	E84282	8260B	3/7/2006 5:23:00AM	0.5	0.5	ug/L	U
039180	Trichloroethene	N	E84282	8260B	3/7/2006 5:23:00AM	0.28	0.28	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	3/7/2006 5:23:00AM	0.98	0.98	ug/L	U
081552	Acetone	N	E84282	8260B	3/7/2006 5:23:00AM	9.9	9.9	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/7/2006 5:23:00AM	2.5	2.5	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	3/7/2006 5:23:00AM	0.14	0.14	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	3/7/2006 5:23:00AM	0.44	0.44	ug/L	U
034010	Toluene	N	E84282	8260B	3/7/2006 5:23:00AM	0.51	0.51	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	3/7/2006 5:23:00AM	0.34	0.34	ug/L	U
077128	Styrene	N	E84282	8260B	3/7/2006 5:23:00AM	0.98	0.98	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	3/7/2006 5:23:00AM	0.63	0.63	ug/L	U
071900	Mercury	N	E84282	245.1	3/2/2006 1:19:00PM	0.072	0.072	ug/L	U
081596	4-Methyl-2-pentanone	N	E84282	8260B	3/7/2006 5:23:00AM	3.8	3.8	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	3/6/2006 4:56:00PM	5.9	5.9	ug/L	U
034413	Bromomethane	N	E84282	8260B	3/7/2006 5:23:00AM	0.66	0.66	ug/L	U
032104	Bromoform	N	E84282	8260B	3/7/2006 5:23:00AM	0.58	0.58	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	3/7/2006 5:23:00AM	0.35	0.35	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	3/7/2006 5:23:00AM	0.58	0.58	ug/L	U
078124	Benzene	N	E84282	8260B	3/7/2006 5:23:00AM	0.27	0.27	ug/L	U
001077	Silver	N	E84282	200.7 Rev 4.4	3/6/2006 4:56:00PM	1.9	1.9	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	3/7/2006 5:23:00AM	0.85	0.85	ug/L	U
7057	Vinyl acetate	N	E84282	8260B	3/7/2006 5:23:00AM	1.5	1.5	ug/L	U
102	Carbon tetrachloride	N	E84282	8260B	3/7/2006 5:23:00AM	0.42	0.42	ug/L	U
077651	Ethylene Dibromide	N	E84282	504.1	3/9/2006 2:02:00AM	0.0085	0.0085	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/9/2006 2:02:00AM	0.0029	0.0029	ug/L	U
072020	Water Level	N	E84282	Field Sampling	2/23/2006 8:28:00AM	115.91		ft	
082079	Turbidity	N	E84282	Field Sampling	2/23/2006 8:28:00AM	17.3		NTU	
000094	Specific Conductance	N	E84282	Field Sampling	2/23/2006 8:28:00AM	40		umhos/cm	
000299	Oxygen, Dissolved	N	E84282	Field Sampling	2/23/2006 8:28:00AM	0.9		mg/L	
000406	Field pH	N	E84282	Field Sampling	2/23/2006 8:28:00AM	5.89		SU	
034215	Acrylonitrile	N	E84282	8260B	3/7/2006 5:23:00AM	1.2	1.2	ug/L	U

Total Parameters Monitored: 75

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Facility Name: Trail Ridge Landfill

PARAMETER MONITORING REPORT
Rule 62-701
WACS Report Type: SEMGW
Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 33628
WACS Testsite ID #: 20108
WACS Testsite Name: MWB34S
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 2/23/2006 7:46:00AM
Sampling Method: Unknown
Permitted Well Type: DE

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001059	Thallium	N	E87052	200.8	3/2/2006 10:13:00AM	0.25	0.25	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	3/7/2006 5:48:00AM	0.14	0.14	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	3/6/2006 4:50:00PM	3.7	1.7	ug/L	I
034475	Tetrachloroethene	N	E84282	8260B	3/7/2006 5:48:00AM	0.34	0.34	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	3/7/2006 5:48:00AM	4	4	ug/L	U
077596	Methylene bromide	N	E84282	8260B	3/7/2006 5:48:00AM	0.41	0.41	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	3/7/2006 5:48:00AM	8.4	8.4	ug/L	U
077128	Styrene	N	E84282	8260B	3/7/2006 5:48:00AM	0.98	0.98	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/7/2006 5:48:00AM	2.5	2.5	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	3/7/2006 5:48:00AM	0.52	0.52	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	3/6/2006 4:50:00PM	7.3	1.2	ug/L	I
034418	Chloromethane	N	E84282	8260B	3/7/2006 5:48:00AM	0.64	0.64	ug/L	U
000940	Chloride	N	E84282	325.2	3/2/2006 10:44:00AM	150	18	mg/L	
[illegible]106	Chloroform	N	E84282	8260B	3/7/2006 5:48:00AM	0.9	0.9	ug/L	U
[illegible]488	Trichlorofluoromethane	N	E84282	8260B	3/7/2006 5:48:00AM	0.98	0.98	ug/L	U
[illegible]7093	cis-1,2-Dichloroethene	N	E84282	8260B	3/7/2006 5:48:00AM	0.65	0.65	ug/L	U
071900	Mercury	N	E84282	245.1	3/2/2006 1:21:00PM	0.072	0.072	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	3/7/2006 5:48:00AM	0.14	0.14	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	3/7/2006 5:48:00AM	0.44	0.44	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	3/7/2006 5:48:00AM	0.44	0.44	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	3/7/2006 5:48:00AM	0.44	0.44	ug/L	U
034010	Toluene	N	E84282	8260B	3/7/2006 5:48:00AM	0.51	0.51	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	3/7/2006 5:48:00AM	0.52	0.52	ug/L	U
001087	Vanadium	N	E84282	200.7 Rev 4.4	3/6/2006 4:50:00PM	22	2.5	ug/L	
034531	1,2-Dichloroethane	N	E84282	8260B	3/7/2006 5:48:00AM	0.57	0.57	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	3/6/2006 4:50:00PM	79	5.9	ug/L	
032105	Dibromochloromethane	N	E84282	8260B	3/7/2006 5:48:00AM	0.34	0.34	ug/L	U
001012	Beryllium	N	E84282	200.7 Rev 4.4	3/6/2006 4:50:00PM	0.74	0.74	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	3/7/2006 5:48:00AM	0.15	0.15	ug/L	U
000929	Sodium	N	E84282	200.7 Rev 4.4	3/6/2006 4:50:00PM	86	0.31	mg/L	
001077	Silver	N	E84282	200.7 Rev 4.4	3/6/2006 4:50:00PM	1.9	1.9	ug/L	U
001147	Selenium	N	E84282	200.7 Rev 4.4	3/6/2006 4:50:00PM	5.9	5.9	ug/L	U
001051	Lead	N	E84282	200.7 Rev 4.4	3/6/2006 4:50:00PM	1.6	1.6	ug/L	U
001045	Iron	N	E84282	200.7 Rev 4.4	3/6/2006 4:50:00PM	120	22	ug/L	
001042	Copper	N	E84282	200.7 Rev 4.4	3/6/2006 4:50:00PM	19	2.9	ug/L	I
001037	Cobalt	N	E84282	200.7 Rev 4.4	3/6/2006 4:50:00PM	1.7	1.6	ug/L	I
001027	Cadmium	N	E84282	200.7 Rev 4.4	3/6/2006 4:50:00PM	0.71	0.71	ug/L	U
077103	2-Hexanone	N	E84282	8260B	3/7/2006 5:48:00AM	4.4	4.4	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/7/2006 5:48:00AM	0.14	0.14	ug/L	U
000010	Field Temperature	N	E84282	Field Sampling	2/23/2006 7:46:00AM	19.9		Degrees C	
081551	Xylenes, Total	N	E84282	8260B	3/7/2006 5:48:00AM	0.3	0.3	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	3/7/2006 5:48:00AM	0.46	0.46	ug/L	U
[illegible]1552	Acetone	N	E84282	8260B	3/7/2006 5:48:00AM	9.9	9.9	ug/L	U
[illegible]01	1,1-Dichloroethene	N	E84282	8260B	3/7/2006 5:48:00AM	0.45	0.45	ug/L	U

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 20108
WACS Testsite Name: MWB34S
Water Classification: G-II
(LC - Leachate, G-II, SW-IIIF)
Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 2/23/2006 7:46:00AM
Sampling Method: Unknown
Permitted Well Type: DE

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
077041	Carbon disulfide	N	E84282	8260B	3/7/2006 5:48:00AM	0.85	0.85	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	3/7/2006 5:48:00AM	0.35	0.35	ug/L	U
000094	Specific Conductance	N	E84282	Field Sampling	2/23/2006 7:46:00AM	972		umhos/cm	
000406	Field pH	N	E84282	Field Sampling	2/23/2006 7:46:00AM	6.38		SU	
034413	Bromomethane	N	E84282	8260B	3/7/2006 5:48:00AM	0.66	0.66	ug/L	U
032104	Bromoform	N	E84282	8260B	3/7/2006 5:48:00AM	0.58	0.58	ug/L	U
034311	Chloroethane	N	E84282	8260B	3/7/2006 5:48:00AM	0.8	0.8	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/7/2006 5:48:00AM	0.63	0.63	ug/L	U
077651	Ethylene Dibromide	N	E84282	504.1	3/9/2006 3:12:00AM	0.0091	0.0091	ug/L	U
039180	Trichloroethene	N	E84282	8260B	3/7/2006 5:48:00AM	0.28	0.28	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	3/6/2006 4:50:00PM	5.7	4.7	ug/L	I
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/9/2006 3:12:00AM	0.0032	0.0032	ug/L	U
072020	Water Level	N	E84282	Field Sampling	2/23/2006 7:46:00AM	114.98		ft	
082079	Turbidity	N	E84282	Field Sampling	2/23/2006 7:46:00AM	10.3		NTU	
034496	1,1-Dichloroethane	N	E84282	8260B	3/7/2006 5:48:00AM	0.52	0.52	ug/L	U
001097	Antimony	N	E84282	200.7 Rev 4.4	3/6/2006 4:50:00PM	4.6	3.6	ug/L	I
001002	Arsenic	N	E84282	200.7 Rev 4.4	3/6/2006 4:50:00PM	4.8	4.8	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	3/7/2006 5:48:00AM	0.58	0.58	ug/L	U
070300	Total Dissolved Solids	N	E84282	160.1	2/27/2006 12:08:00PM	520	5	mg/L	
000610	Ammonia	N	E84282	350.1	2/28/2006 11:54:00AM	16	1	mg/L	
000299	Oxygen, Dissolved	N	E84282	Field Sampling	2/23/2006 7:46:00AM	1.2		mg/L	
[illegible]4215	Acrylonitrile	N	E84282	8260B	3/7/2006 5:48:00AM	1.2	1.2	ug/L	U
[illegible]596	4-Methyl-2-pentanone	N	E84282	8260B	3/7/2006 5:48:00AM	3.8	3.8	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	3/7/2006 5:48:00AM	0.42	0.42	ug/L	U
077424	Iodomethane	N	E84282	8260B	3/7/2006 5:48:00AM	0.67	0.67	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	3/7/2006 5:48:00AM	0.5	0.5	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	3/7/2006 5:48:00AM	0.47	0.47	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	3/7/2006 5:48:00AM	0.63	0.63	ug/L	U
000620	Nitrate Nitrogen	N	E84282	353.2	2/24/2006 2:48:00PM	3.7	0.01	mg/L	
077057	Vinyl acetate	N	E84282	8260B	3/7/2006 5:48:00AM	1.5	1.5	ug/L	U
078124	Benzene	N	E84282	8260B	3/7/2006 5:48:00AM	0.52	0.27	ug/L	I

Total Parameters Monitored: 75

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Facility Name: Trail Ridge Landfill

PARAMETER MONITORING REPORT
Rule 62-701
WACS Report Type: SEMGW
Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 33628
WACS Testsite ID #: 17208
WACS Testsite Name: MWB31D
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

Sample Date/Time: 2/23/2006 8:06:00AM
Sampling Method: Unknown
Permitted Well Type: BG

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

* Well Purged prior to Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
034475	Tetrachloroethene	N	E84282	8260B	3/3/2006 9:44:00PM	0.34	0.34	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	3/3/2006 9:44:00PM	4	4	ug/L	U
077128	Styrene	N	E84282	8260B	3/3/2006 9:44:00PM	0.98	0.98	ug/L	U
034010	Toluene	N	E84282	8260B	3/3/2006 9:44:00PM	0.51	0.51	ug/L	U
077596	Methylene bromide	N	E84282	8260B	3/3/2006 9:44:00PM	0.41	0.41	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	3/3/2006 9:44:00PM	0.14	0.14	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	3/6/2006 6:46:00PM	4.7	4.7	ug/L	U
001012	Beryllium	N	E84282	200.7 Rev 4.4	3/6/2006 6:46:00PM	0.74	0.74	ug/L	U
001147	Selenium	N	E84282	200.7 Rev 4.4	3/6/2006 6:46:00PM	5.9	5.9	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	3/3/2006 9:44:00PM	8.4	8.4	ug/L	U
071900	Mercury	N	E84282	245.1	3/2/2006 12:38:00PM	0.072	0.072	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/3/2006 9:44:00PM	2.5	2.5	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	3/3/2006 9:44:00PM	0.5	0.5	ug/L	U
[illegible]092	Zinc	N	E84282	200.7 Rev 4.4	3/6/2006 6:46:00PM	5.9	5.9	ug/L	U
[illegible]007	Barium	N	E84282	200.7 Rev 4.4	3/6/2006 6:46:00PM	82	1.2	ug/L	
[illegible]551	Xylenes, Total	N	E84282	8260B	3/3/2006 9:44:00PM	0.3	0.3	ug/L	U
001051	Lead	N	E84282	200.7 Rev 4.4	3/6/2006 6:46:00PM	1.6	1.6	ug/L	U
000940	Chloride	N	E84282	325.2	2/28/2006 4:59:00PM	5.5	0.9	mg/L	
000094	Specific Conductance	N	E84282	Field Sampling	2/23/2006 8:06:00AM	348		umhos/cm	
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/3/2006 9:44:00PM	0.63	0.63	ug/L	U
000620	Nitrate Nitrogen	N	E84282	353.2	2/24/2006 12:37:00PM	0.093	0.01	mg/L	
001002	Arsenic	N	E84282	200.7 Rev 4.4	3/6/2006 6:46:00PM	4.8	4.8	ug/L	U
001059	Thallium	N	E87052	200.8	3/2/2006 7:22:00AM	0.74	0.25	ug/L	I
032104	Bromoform	N	E84282	8260B	3/3/2006 9:44:00PM	0.58	0.58	ug/L	U
081552	Acetone	N	E84282	8260B	3/3/2006 9:44:00PM	9.9	9.9	ug/L	U
081596	4-Methyl-2-pentanone	N	E84282	8260B	3/3/2006 9:44:00PM	3.8	3.8	ug/L	U
077424	Iodomethane	N	E84282	8260B	3/3/2006 9:44:00PM	0.67	0.67	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	3/3/2006 9:44:00PM	0.52	0.52	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	3/3/2006 9:44:00PM	0.46	0.46	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	3/3/2006 9:44:00PM	0.98	0.98	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	3/3/2006 9:44:00PM	0.57	0.57	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	3/3/2006 9:44:00PM	0.44	0.44	ug/L	U
000299	Oxygen, Dissolved	N	E84282	Field Sampling	2/23/2006 8:06:00AM	0.7		mg/L	
000010	Field Temperature	N	E84282	Field Sampling	2/23/2006 8:06:00AM	19.9		Degrees C	
077103	2-Hexanone	N	E84282	8260B	3/3/2006 9:44:00PM	4.4	4.4	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	3/6/2006 6:46:00PM	0.71	0.71	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	3/3/2006 9:44:00PM	0.14	0.14	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	3/3/2006 9:44:00PM	0.65	0.65	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/8/2006 5:53:00AM	0.003	0.003	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	3/3/2006 9:44:00PM	0.44	0.44	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	3/3/2006 9:44:00PM	0.44	0.44	ug/L	U
001045	Iron	N	E84282	200.7 Rev 4.4	3/6/2006 6:46:00PM	49	22	ug/L	I
001042	Copper	N	E84282	200.7 Rev 4.4	3/6/2006 6:46:00PM	2.9	2.9	ug/L	U
[illegible]037	Cobalt	N	E84282	200.7 Rev 4.4	3/6/2006 6:46:00PM	1.6	1.6	ug/L	U

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 17208
WACS Testsite Name: MWB31D
Water Classification: G-II
(LC - Leachate, G-II, SW-IIIF)
Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 2/23/2006 8:06:00AM
Sampling Method: Unknown
Permitted Well Type: BG

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001034	Chromium	N	E84282	200.7 Rev 4.4	3/6/2006 6:46:00PM	1.7	1.7	ug/L	U
000406	Field pH	N	E84282	Field Sampling	2/23/2006 8:06:00AM	6.81		SU	
034301	Chlorobenzene	N	E84282	8260B	3/3/2006 9:44:00PM	0.63	0.63	ug/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	3/3/2006 9:44:00PM	0.45	0.45	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	3/3/2006 9:44:00PM	1.5	1.5	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	3/3/2006 9:44:00PM	0.52	0.52	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	3/3/2006 9:44:00PM	0.34	0.34	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	3/3/2006 9:44:00PM	0.47	0.47	ug/L	U
000610	Ammonia	N	E84282	350.1	2/28/2006 11:54:00AM	0.04	0.04	mg/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/3/2006 9:44:00PM	0.14	0.14	ug/L	U
001097	Antimony	N	E84282	200.7 Rev 4.4	3/6/2006 6:46:00PM	3.7	3.6	ug/L	I
077443	1,2,3-Trichloropropane	N	E84282	8260B	3/3/2006 9:44:00PM	0.15	0.15	ug/L	U
077651	Ethylene Dibromide	N	E84282	504.1	3/8/2006 5:53:00AM	0.0088	0.0088	ug/L	U
034413	Bromomethane	N	E84282	8260B	3/3/2006 9:44:00PM	0.66	0.66	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	3/3/2006 9:44:00PM	0.42	0.42	ug/L	U
034311	Chloroethane	N	E84282	8260B	3/3/2006 9:44:00PM	0.8	0.8	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	3/3/2006 9:44:00PM	0.52	0.52	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	3/3/2006 9:44:00PM	0.85	0.85	ug/L	U
039180	Trichloroethene	N	E84282	8260B	3/3/2006 9:44:00PM	0.28	0.28	ug/L	U
001087	Vanadium	N	E84282	200.7 Rev 4.4	3/6/2006 6:46:00PM	2.5	2.5	ug/L	U
000929	Sodium	N	E84282	200.7 Rev 4.4	3/6/2006 6:46:00PM	6.2	0.31	mg/L	
72020	Water Level	N	E84282	Field Sampling	2/23/2006 8:06:00AM	138.4		ft	
300	Total Dissolved Solids	N	E84282	160.1	2/28/2006 2:21:00PM	200	5	mg/L	
32106	Chloroform	N	E84282	8260B	3/3/2006 9:44:00PM	0.9	0.9	ug/L	U
082079	Turbidity	N	E84282	Field Sampling	2/23/2006 8:06:00AM	1.2		NTU	
032101	Bromodichloromethane	N	E84282	8260B	3/3/2006 9:44:00PM	0.35	0.35	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	3/3/2006 9:44:00PM	0.58	0.58	ug/L	U
078124	Benzene	N	E84282	8260B	3/3/2006 9:44:00PM	0.27	0.27	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	3/3/2006 9:44:00PM	1.2	1.2	ug/L	U
034418	Chloromethane	N	E84282	8260B	3/3/2006 9:44:00PM	0.64	0.64	ug/L	U
001077	Silver	N	E84282	200.7 Rev 4.4	3/6/2006 6:46:00PM	1.9	1.9	ug/L	U

Total Parameters Monitored: 75

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

Facility Name: Trail Ridge Landfill

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 33628

WACS Testsite ID #: 20107

WACS Testsite Name: MWB33S

Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 2/23/2006 11:20:00AM

Sampling Method: Unknown

Permitted Well Type: DE

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
034215	Acrylonitrile	N	E84282	8260B	3/7/2006 6:13:00AM	1.2	1.2	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	3/7/2006 6:13:00AM	0.34	0.34	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/7/2006 6:13:00AM	2.5	2.5	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	3/6/2006 4:34:00PM	0.71	0.71	ug/L	U
077128	Styrene	N	E84282	8260B	3/7/2006 6:13:00AM	0.98	0.98	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	3/7/2006 6:13:00AM	0.44	0.44	ug/L	U
078124	Benzene	N	E84282	8260B	3/7/2006 6:13:00AM	0.27	0.27	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	3/7/2006 6:13:00AM	0.47	0.47	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	3/7/2006 6:13:00AM	0.58	0.58	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	3/7/2006 6:13:00AM	0.35	0.35	ug/L	U
032104	Bromoform	N	E84282	8260B	3/7/2006 6:13:00AM	0.58	0.58	ug/L	U
034413	Bromomethane	N	E84282	8260B	3/7/2006 6:13:00AM	0.66	0.66	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	3/7/2006 6:13:00AM	0.85	0.85	ug/L	U
[illegible]4423	Methylene Chloride	N	E84282	8260B	3/7/2006 6:13:00AM	4	4	ug/L	U
[illegible]012	Beryllium	N	E84282	200.7 Rev 4.4	3/6/2006 4:34:00PM	0.74	0.74	ug/L	U
081552	Acetone	N	E84282	8260B	3/7/2006 6:13:00AM	9.9	9.9	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	3/7/2006 6:13:00AM	0.14	0.14	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	3/7/2006 6:13:00AM	0.52	0.52	ug/L	U
077103	2-Hexanone	N	E84282	8260B	3/7/2006 6:13:00AM	4.4	4.4	ug/L	U
077651	Ethylene Dibromide	N	E84282	504.1	3/9/2006 3:58:00AM	0.009	0.009	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/9/2006 3:58:00AM	0.0031	0.0031	ug/L	U
072020	Water Level	N	E84282	Field Sampling	2/23/2006 11:20:00AM	114.45		ft	
082079	Turbidity	N	E84282	Field Sampling	2/23/2006 11:20:00AM	5.5		NTU	
000094	Specific Conductance	N	E84282	Field Sampling	2/23/2006 11:20:00AM	100		umhos/cm	
000299	Oxygen, Dissolved	N	E84282	Field Sampling	2/23/2006 11:20:00AM	0.8		mg/L	
001002	Arsenic	N	E84282	200.7 Rev 4.4	3/6/2006 4:34:00PM	4.8	4.8	ug/L	U
000406	Field pH	N	E84282	Field Sampling	2/23/2006 11:20:00AM	5.1		SU	
039180	Trichloroethene	N	E84282	8260B	3/7/2006 6:13:00AM	0.28	0.28	ug/L	U
001037	Cobalt	N	E84282	200.7 Rev 4.4	3/6/2006 4:34:00PM	1.6	1.6	ug/L	U
001059	Thallium	N	E87052	200.8	3/2/2006 10:20:00AM	0.25	0.25	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	3/7/2006 6:13:00AM	0.42	0.42	ug/L	U
001051	Lead	N	E84282	200.7 Rev 4.4	3/6/2006 4:34:00PM	1.6	1.6	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	3/6/2006 4:34:00PM	30	1.2	ug/L	
001034	Chromium	N	E84282	200.7 Rev 4.4	3/6/2006 4:34:00PM	1.7	1.7	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	3/7/2006 6:13:00AM	1.5	1.5	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	3/7/2006 6:13:00AM	0.98	0.98	ug/L	U
000010	Field Temperature	N	E84282	Field Sampling	2/23/2006 11:20:00AM	19.8		Degrees C	
077424	Iodomethane	N	E84282	8260B	3/7/2006 6:13:00AM	0.67	0.67	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	3/7/2006 6:13:00AM	0.15	0.15	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	3/7/2006 6:13:00AM	0.63	0.63	ug/L	U
034418	Chloromethane	N	E84282	8260B	3/7/2006 6:13:00AM	0.64	0.64	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	3/7/2006 6:13:00AM	0.52	0.52	ug/L	U
[illegible]0620	Nitrate Nitrogen	N	E84282	353.2	2/24/2006 2:48:00PM	0.01	0.01	mg/L	U
[illegible]042	Copper	N	E84282	200.7 Rev 4.4	3/6/2006 4:34:00PM	2.9	2.9	ug/L	U

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 20107
WACS Testsite Name: MWB33S
Water Classification: G-II
(LC - Leachate, G-II, SW-IIIF)
Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 2/23/2006 11:20:00AM
Sampling Method: Unknown
Permitted Well Type: DE

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
000610	Ammonia	N	E84282	350.1	2/28/2006 11:54:00AM	0.76	0.04	mg/L	
034311	Chloroethane	N	E84282	8260B	3/7/2006 6:13:00AM	0.8	0.8	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	3/7/2006 6:13:00AM	0.44	0.44	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	3/7/2006 6:13:00AM	0.52	0.52	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	3/7/2006 6:13:00AM	0.44	0.44	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	3/7/2006 6:13:00AM	8.4	8.4	ug/L	U
077596	Methylene bromide	N	E84282	8260B	3/7/2006 6:13:00AM	0.41	0.41	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	3/7/2006 6:13:00AM	0.3	0.3	ug/L	U
070300	Total Dissolved Solids	N	E84282	160.1	2/27/2006 12:08:00PM	78	5	mg/L	
077093	cis-1,2-Dichloroethene	N	E84282	8260B	3/7/2006 6:13:00AM	0.65	0.65	ug/L	U
081596	4-Methyl-2-pentanone	N	E84282	8260B	3/7/2006 6:13:00AM	3.8	3.8	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	3/7/2006 6:13:00AM	0.34	0.34	ug/L	U
071900	Mercury	N	E84282	245.1	3/2/2006 1:22:00PM	0.072	0.072	ug/L	U
001097	Antimony	N	E84282	200.7 Rev 4.4	3/6/2006 4:34:00PM	3.6	3.6	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	3/7/2006 6:13:00AM	0.5	0.5	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/7/2006 6:13:00AM	0.14	0.14	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	3/7/2006 6:13:00AM	0.57	0.57	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/7/2006 6:13:00AM	0.63	0.63	ug/L	U
032106	Chloroform	N	E84282	8260B	3/7/2006 6:13:00AM	0.9	0.9	ug/L	U
001045	Iron	N	E84282	200.7 Rev 4.4	3/6/2006 4:34:00PM	650	22	ug/L	
001067	Nickel	N	E84282	200.7 Rev 4.4	3/6/2006 4:34:00PM	4.7	4.7	ug/L	U
[illegible]1147	Selenium	N	E84282	200.7 Rev 4.4	3/6/2006 4:34:00PM	5.9	5.9	ug/L	U
[illegible]940	Chloride	N	E84282	325.2	3/2/2006 10:44:00AM	9.4	0.9	mg/L	
[illegible]4501	1,1-Dichloroethene	N	E84282	8260B	3/7/2006 6:13:00AM	0.45	0.45	ug/L	U
001077	Silver	N	E84282	200.7 Rev 4.4	3/6/2006 4:34:00PM	1.9	1.9	ug/L	U
034010	Toluene	N	E84282	8260B	3/7/2006 6:13:00AM	0.51	0.51	ug/L	U
000929	Sodium	N	E84282	200.7 Rev 4.4	3/6/2006 4:34:00PM	5.1	0.31	mg/L	
001087	Vanadium	N	E84282	200.7 Rev 4.4	3/6/2006 4:34:00PM	3.3	2.5	ug/L	I
001092	Zinc	N	E84282	200.7 Rev 4.4	3/6/2006 4:34:00PM	5.9	5.9	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	3/7/2006 6:13:00AM	0.14	0.14	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	3/7/2006 6:13:00AM	0.46	0.46	ug/L	U

Total Parameters Monitored: 75

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

Facility Name: Trail Ridge Landfill

PARAMETER MONITORING REPORT
Rule 62-701
WACS Report Type: SEMGW
Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 33628
WACS Testsite ID #: #20846
WACS Testsite Name: MWB32D
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 2/23/2006 10:27:00AM
Sampling Method: Unknown
Permitted Well Type: DE

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
032105	Dibromochloromethane	N	E84282	8260B	3/7/2006 6:37:00AM	0.34	0.34	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	3/7/2006 6:37:00AM	0.44	0.44	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	3/7/2006 10:07:00AM	98	1.2	ug/L	
034501	1,1-Dichloroethene	N	E84282	8260B	3/7/2006 6:37:00AM	0.45	0.45	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	3/7/2006 6:37:00AM	0.52	0.52	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	3/7/2006 6:37:00AM	0.47	0.47	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/7/2006 6:37:00AM	0.14	0.14	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	3/7/2006 6:37:00AM	0.46	0.46	ug/L	U
001097	Antimony	N	E84282	200.7 Rev 4.4	3/7/2006 10:07:00AM	3.6	3.6	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	3/7/2006 6:37:00AM	0.52	0.52	ug/L	U
001037	Cobalt	N	E84282	200.7 Rev 4.4	3/7/2006 10:07:00AM	1.6	1.6	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	3/7/2006 6:37:00AM	0.57	0.57	ug/L	U
001045	Iron	N	E84282	200.7 Rev 4.4	3/7/2006 10:07:00AM	2300	22	ug/L	
1034	Chromium	N	E84282	200.7 Rev 4.4	3/7/2006 10:07:00AM	8.8	1.7	ug/L	I
1147	Selenium	N	E84282	200.7 Rev 4.4	3/7/2006 10:07:00AM	5.9	5.9	ug/L	U
000610	Ammonia	N	E84282	350.1	3/1/2006 10:16:00AM	0.13	0.04	mg/L	
001059	Thallium	N	E87052	200.8	3/2/2006 9:10:00PM	0.41	0.25	ug/L	I
070300	Total Dissolved Solids	N	E84282	160.1	2/27/2006 12:08:00PM	130	5	mg/L	
034010	Toluene	N	E84282	8260B	3/7/2006 6:37:00AM	0.51	0.51	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	3/7/2006 6:37:00AM	0.5	0.5	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	3/7/2006 6:37:00AM	1.5	1.5	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	3/7/2006 6:37:00AM	0.98	0.98	ug/L	U
039180	Trichloroethene	N	E84282	8260B	3/7/2006 6:37:00AM	0.28	0.28	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/7/2006 6:37:00AM	2.5	2.5	ug/L	U
000929	Sodium	N	E84282	200.7 Rev 4.4	3/7/2006 10:07:00AM	5.1	0.31	mg/L	
034546	trans-1,2-Dichloroethene	N	E84282	8260B	3/7/2006 6:37:00AM	0.44	0.44	ug/L	U
001087	Vanadium	N	E84282	200.7 Rev 4.4	3/7/2006 10:07:00AM	9.7	2.5	ug/L	I
001012	Beryllium	N	E84282	200.7 Rev 4.4	3/7/2006 10:07:00AM	0.74	0.74	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	3/7/2006 6:37:00AM	0.52	0.52	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	3/7/2006 6:37:00AM	0.44	0.44	ug/L	U
077424	Iodomethane	N	E84282	8260B	3/7/2006 6:37:00AM	0.67	0.67	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	3/7/2006 6:37:00AM	8.4	8.4	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	3/7/2006 6:37:00AM	4	4	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	3/7/2006 6:37:00AM	0.34	0.34	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	3/7/2006 6:37:00AM	0.14	0.14	ug/L	U
001002	Arsenic	N	E84282	200.7 Rev 4.4	3/7/2006 10:07:00AM	4.8	4.8	ug/L	U
077128	Styrene	N	E84282	8260B	3/7/2006 6:37:00AM	0.98	0.98	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	3/7/2006 10:07:00AM	0.71	0.71	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	3/7/2006 6:37:00AM	0.14	0.14	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/9/2006 4:21:00AM	0.003	0.003	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	3/7/2006 6:37:00AM	0.85	0.85	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	3/7/2006 6:37:00AM	0.42	0.42	ug/L	U
1552	Acetone	N	E84282	8260B	3/7/2006 6:37:00AM	9.9	9.9	ug/L	U
104	Bromoform	N	E84282	8260B	3/7/2006 6:37:00AM	0.58	0.58	ug/L	U

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

WACS Facility ID #: 33628

WACS Testsite ID #: 20846

WACS Testsite Name: MWB32D

Water Classification: G-II
(LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 2/23/2006 10:27:00AM

Sampling Method: Unknown

Permitted Well Type: DE

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
032101	Bromodichloromethane	N	E84282	8260B	3/7/2006 6:37:00AM	0.35	0.35	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	3/7/2006 6:37:00AM	0.63	0.63	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	3/7/2006 6:37:00AM	0.58	0.58	ug/L	U
078124	Benzene	N	E84282	8260B	3/7/2006 6:37:00AM	0.27	0.27	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	3/7/2006 6:37:00AM	1.2	1.2	ug/L	U
034413	Bromomethane	N	E84282	8260B	3/7/2006 6:37:00AM	0.66	0.66	ug/L	U
081596	4-Methyl-2-pentanone	N	E84282	8260B	3/7/2006 6:37:00AM	3.8	3.8	ug/L	U
001077	Silver	N	E84282	200.7 Rev 4.4	3/7/2006 10:07:00AM	1.9	1.9	ug/L	U
077651	Ethylene Dibromide	N	E84282	504.1	3/9/2006 4:21:00AM	0.0086	0.0086	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	3/7/2006 10:07:00AM	4.7	4.7	ug/L	U
072020	Water Level	N	E84282	Field Sampling	2/23/2006 10:27:00AM	116		ft	
082079	Turbidity	N	E84282	Field Sampling	2/23/2006 10:27:00AM	115.1		NTU	
000299	Oxygen, Dissolved	N	E84282	Field Sampling	2/23/2006 10:27:00AM	0.8		mg/L	
000010	Field Temperature	N	E84282	Field Sampling	2/23/2006 10:27:00AM	20.7		Degrees C	
034311	Chloroethane	N	E84282	8260B	3/7/2006 6:37:00AM	0.8	0.8	ug/L	U
077596	Methylene bromide	N	E84282	8260B	3/7/2006 6:37:00AM	0.41	0.41	ug/L	U
000094	Specific Conductance	N	E84282	Field Sampling	2/23/2006 10:27:00AM	140		umhos/cm	
081551	Xylenes, Total	N	E84282	8260B	3/7/2006 6:37:00AM	0.3	0.3	ug/L	U
000406	Field pH	N	E84282	Field Sampling	2/23/2006 10:27:00AM	5.89		SU	
071900	Mercury	N	E84282	245.1	3/2/2006 1:27:00PM	0.072	0.072	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	3/7/2006 10:07:00AM	5.9	5.9	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/7/2006 6:37:00AM	0.63	0.63	ug/L	U
001051	Lead	N	E84282	200.7 Rev 4.4	3/7/2006 10:07:00AM	6.8	1.6	ug/L	
001042	Copper	N	E84282	200.7 Rev 4.4	3/7/2006 10:07:00AM	5.6	2.9	ug/L	I
000620	Nitrate Nitrogen	N	E84282	353.2	2/24/2006 2:48:00PM	0.01	0.01	mg/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	3/7/2006 6:37:00AM	0.15	0.15	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	3/7/2006 6:37:00AM	0.65	0.65	ug/L	U
034418	Chloromethane	N	E84282	8260B	3/7/2006 6:37:00AM	0.64	0.64	ug/L	U
032106	Chloroform	N	E84282	8260B	3/7/2006 6:37:00AM	0.9	0.9	ug/L	U
077103	2-Hexanone	N	E84282	8260B	3/7/2006 6:37:00AM	4.4	4.4	ug/L	U
000940	Chloride	N	E84282	325.2	3/2/2006 10:44:00AM	10	0.9	mg/L	

Total Parameters Monitored: 75

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

Facility Name: Trail Ridge Landfill

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 33628

WACS Testsite ID #: #20845

WACS Testsite Name: MWB32I

Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 2/23/2006 10:04:00AM

Sampling Method: Unknown

Permitted Well Type: DE

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
034546	trans-1,2-Dichloroethene	N	E84282	8260B	3/7/2006 7:02:00AM	0.44	0.44	ug/L	U
001037	Cobalt	N	E84282	200.7 Rev 4.4	3/7/2006 10:24:00AM	1.6	1.6	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	3/7/2006 7:02:00AM	0.14	0.14	ug/L	U
001147	Selenium	N	E84282	200.7 Rev 4.4	3/7/2006 10:24:00AM	5.9	5.9	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	3/7/2006 10:24:00AM	4.7	4.7	ug/L	U
001051	Lead	N	E84282	200.7 Rev 4.4	3/7/2006 10:24:00AM	5.5	1.6	ug/L	
001045	Iron	N	E84282	200.7 Rev 4.4	3/7/2006 10:24:00AM	530	22	ug/L	
001042	Copper	N	E84282	200.7 Rev 4.4	3/7/2006 10:24:00AM	2.9	2.9	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	3/7/2006 7:02:00AM	1.5	1.5	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	3/7/2006 7:02:00AM	0.98	0.98	ug/L	U
078124	Benzene	N	E84282	8260B	3/7/2006 7:02:00AM	0.27	0.27	ug/L	U
000094	Specific Conductance	N	E84282	Field Sampling	2/23/2006 10:04:00AM	37		umhos/cm	
034501	1,1-Dichloroethene	N	E84282	8260B	3/7/2006 7:02:00AM	0.45	0.45	ug/L	U
8437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/9/2006 4:45:00AM	0.0031	0.0031	ug/L	U
34010	Toluene	N	E84282	8260B	3/7/2006 7:02:00AM	0.51	0.51	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	3/7/2006 7:02:00AM	0.34	0.34	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/7/2006 7:02:00AM	2.5	2.5	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	3/7/2006 7:02:00AM	0.35	0.35	ug/L	U
081596	4-Methyl-2-pentanone	N	E84282	8260B	3/7/2006 7:02:00AM	3.8	3.8	ug/L	U
077103	2-Hexanone	N	E84282	8260B	3/7/2006 7:02:00AM	4.4	4.4	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	3/7/2006 7:02:00AM	0.52	0.52	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	3/7/2006 7:02:00AM	0.52	0.52	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	3/7/2006 7:02:00AM	0.57	0.57	ug/L	U
082079	Turbidity	N	E84282	Field Sampling	2/23/2006 10:04:00AM	236.1		NTU	
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/7/2006 7:02:00AM	0.63	0.63	ug/L	U
000299	Oxygen, Dissolved	N	E84282	Field Sampling	2/23/2006 10:04:00AM	0.9		mg/L	
001077	Silver	N	E84282	200.7 Rev 4.4	3/7/2006 10:24:00AM	1.9	1.9	ug/L	U
000406	Field pH	N	E84282	Field Sampling	2/23/2006 10:04:00AM	5.31		SU	
072020	Water Level	N	E84282	Field Sampling	2/23/2006 10:04:00AM	116.17		ft	
081551	Xylenes, Total	N	E84282	8260B	3/7/2006 7:02:00AM	0.3	0.3	ug/L	U
077651	Ethylene Dibromide	N	E84282	504.1	3/9/2006 4:45:00AM	0.0089	0.0089	ug/L	U
077128	Styrene	N	E84282	8260B	3/7/2006 7:02:00AM	0.98	0.98	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	3/7/2006 7:02:00AM	0.46	0.46	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/7/2006 7:02:00AM	0.14	0.14	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	3/7/2006 7:02:00AM	0.58	0.58	ug/L	U
032106	Chloroform	N	E84282	8260B	3/7/2006 7:02:00AM	0.9	0.9	ug/L	U
032104	Bromoform	N	E84282	8260B	3/7/2006 7:02:00AM	0.58	0.58	ug/L	U
000929	Sodium	N	E84282	200.7 Rev 4.4	3/7/2006 10:24:00AM	2.7	0.31	mg/L	
077443	1,2,3-Trichloropropane	N	E84282	8260B	3/7/2006 7:02:00AM	0.15	0.15	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	3/7/2006 7:02:00AM	0.44	0.44	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	3/7/2006 7:02:00AM	0.85	0.85	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	3/7/2006 7:02:00AM	0.42	0.42	ug/L	U
1012	Beryllium	N	E84282	200.7 Rev 4.4	3/7/2006 10:24:00AM	0.74	0.74	ug/L	U
4311	Chloroethane	N	E84282	8260B	3/7/2006 7:02:00AM	0.8	0.8	ug/L	U

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 20845
WACS Testsite Name: MWB32I
Water Classification: G-II
LC - Leachate, G-II, SW-IIIF)

Sample Date/Time: 2/23/2006 10:04:00AM
Sampling Method: Unknown
Permitted Well Type: DE

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

- Well Purged prior to Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001007	Barium	N	E84282	200.7 Rev 4.4	3/7/2006 10:24:00AM	54	1.2	ug/L	
034418	Chloromethane	N	E84282	8260B	3/7/2006 7:02:00AM	0.64	0.64	ug/L	U
071900	Mercury	N	E84282	245.1	3/2/2006 1:28:00PM	0.072	0.072	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	3/7/2006 7:02:00AM	0.34	0.34	ug/L	U
001059	Thallium	N	E87052	200.8	3/2/2006 9:17:00PM	0.25	0.25	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	3/7/2006 10:24:00AM	11	5.9	ug/L	I
001087	Vanadium	N	E84282	200.7 Rev 4.4	3/7/2006 10:24:00AM	6.8	2.5	ug/L	I
077093	cis-1,2-Dichloroethene	N	E84282	8260B	3/7/2006 7:02:00AM	0.65	0.65	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	3/7/2006 7:02:00AM	0.63	0.63	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	3/7/2006 7:02:00AM	0.5	0.5	ug/L	U
077596	Methylene bromide	N	E84282	8260B	3/7/2006 7:02:00AM	0.41	0.41	ug/L	U
034413	Bromomethane	N	E84282	8260B	3/7/2006 7:02:00AM	0.66	0.66	ug/L	U
081552	Acetone	N	E84282	8260B	3/7/2006 7:02:00AM	9.9	9.9	ug/L	U
039180	Trichloroethene	N	E84282	8260B	3/7/2006 7:02:00AM	0.28	0.28	ug/L	U
000010	Field Temperature	N	E84282	Field Sampling	2/23/2006 10:04:00AM	20.8		Degrees C	
001034	Chromium	N	E84282	200.7 Rev 4.4	3/7/2006 10:24:00AM	6	1.7	ug/L	I
081595	Methyl Ethyl Ketone	N	E84282	8260B	3/7/2006 7:02:00AM	8.4	8.4	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	3/7/2006 7:02:00AM	0.47	0.47	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	3/7/2006 7:02:00AM	4	4	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	3/7/2006 7:02:00AM	0.44	0.44	ug/L	U
070300	Total Dissolved Solids	N	E84282	160.1	2/27/2006 12:08:00PM	80	5	mg/L	
00940	Chloride	N	E84282	325.2	3/2/2006 10:44:00AM	8.4	0.9	mg/L	
00610	Ammonia	N	E84282	350.1	3/1/2006 10:16:00AM	0.04	0.04	mg/L	U
000620	Nitrate Nitrogen	N	E84282	353.2	2/24/2006 2:48:00PM	0.01	0.01	mg/L	U
001097	Antimony	N	E84282	200.7 Rev 4.4	3/7/2006 10:24:00AM	3.6	3.6	ug/L	U
001002	Arsenic	N	E84282	200.7 Rev 4.4	3/7/2006 10:24:00AM	4.8	4.8	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	3/7/2006 10:24:00AM	0.71	0.71	ug/L	U
077424	Iodomethane	N	E84282	8260B	3/7/2006 7:02:00AM	0.67	0.67	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	3/7/2006 7:02:00AM	0.52	0.52	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	3/7/2006 7:02:00AM	0.14	0.14	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	3/7/2006 7:02:00AM	1.2	1.2	ug/L	U

Total Parameters Monitored: 75

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

Facility Name: Trail Ridge Landfill

PARAMETER MONITORING REPORT
Rule 62-701
WACS Report Type: SEMGW
Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 33628
WACS Testsite ID #: 220843
WACS Testsite Name: MWB32S
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 2/23/2006 9:20:00AM
Sampling Method: Unknown
Permitted Well Type: DE

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
077093	cis-1,2-Dichloroethene	N	E84282	8260B	3/7/2006 7:27:00AM	0.65	0.65	ug/L	U
001087	Vanadium	N	E84282	200.7 Rev 4.4	3/7/2006 10:30:00AM	2.8	2.5	ug/L	I
034418	Chloromethane	N	E84282	8260B	3/7/2006 7:27:00AM	0.64	0.64	ug/L	U
032106	Chloroform	N	E84282	8260B	3/7/2006 7:27:00AM	0.9	0.9	ug/L	U
034311	Chloroethane	N	E84282	8260B	3/7/2006 7:27:00AM	0.8	0.8	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	3/7/2006 7:27:00AM	0.63	0.63	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	3/7/2006 7:27:00AM	0.42	0.42	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	3/7/2006 10:30:00AM	2.7	1.7	ug/L	I
001092	Zinc	N	E84282	200.7 Rev 4.4	3/7/2006 10:30:00AM	5.9	5.9	ug/L	U
081552	Acetone	N	E84282	8260B	3/7/2006 7:27:00AM	9.9	9.9	ug/L	U
034413	Bromomethane	N	E84282	8260B	3/7/2006 7:27:00AM	0.66	0.66	ug/L	U
034010	Toluene	N	E84282	8260B	3/7/2006 7:27:00AM	0.51	0.51	ug/L	U
001012	Beryllium	N	E84282	200.7 Rev 4.4	3/7/2006 10:30:00AM	0.74	0.74	ug/L	U
[illegible]1007	Barium	N	E84282	200.7 Rev 4.4	3/7/2006 10:30:00AM	25	1.2	ug/L	
[illegible]4699	trans-1,3-Dichloropropene	N	E84282	8260B	3/7/2006 7:27:00AM	0.14	0.14	ug/L	U
001059	Thallium	N	E87052	200.8	3/2/2006 9:24:00PM	0.25	0.25	ug/L	U
001037	Cobalt	N	E84282	200.7 Rev 4.4	3/7/2006 10:30:00AM	1.7	1.6	ug/L	I
034501	1,1-Dichloroethene	N	E84282	8260B	3/7/2006 7:27:00AM	0.45	0.45	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	3/7/2006 7:27:00AM	0.15	0.15	ug/L	U
077651	Ethylene Dibromide	N	E84282	504.1	3/9/2006 5:08:00AM	0.0094	0.0094	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/9/2006 5:08:00AM	0.0033	0.0033	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	3/7/2006 7:27:00AM	0.14	0.14	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/7/2006 7:27:00AM	2.5	2.5	ug/L	U
039180	Trichloroethene	N	E84282	8260B	3/7/2006 7:27:00AM	0.28	0.28	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	3/7/2006 7:27:00AM	0.98	0.98	ug/L	U
032104	Bromoform	N	E84282	8260B	3/7/2006 7:27:00AM	0.58	0.58	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	3/7/2006 7:27:00AM	1.2	1.2	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	3/7/2006 7:27:00AM	0.52	0.52	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/7/2006 7:27:00AM	0.63	0.63	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	3/7/2006 7:27:00AM	0.44	0.44	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	3/7/2006 7:27:00AM	0.5	0.5	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	3/7/2006 7:27:00AM	0.57	0.57	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	3/7/2006 7:27:00AM	0.3	0.3	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	3/7/2006 7:27:00AM	0.52	0.52	ug/L	U
081596	4-Methyl-2-pentanone	N	E84282	8260B	3/7/2006 7:27:00AM	3.8	3.8	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	3/7/2006 7:27:00AM	0.47	0.47	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	3/7/2006 7:27:00AM	1.5	1.5	ug/L	U
077596	Methylene bromide	N	E84282	8260B	3/7/2006 7:27:00AM	0.41	0.41	ug/L	U
001097	Antimony	N	E84282	200.7 Rev 4.4	3/7/2006 10:30:00AM	3.6	3.6	ug/L	U
001002	Arsenic	N	E84282	200.7 Rev 4.4	3/7/2006 10:30:00AM	4.8	4.8	ug/L	U
000094	Specific Conductance	N	E84282	Field Sampling	2/23/2006 9:20:00AM	99		umhos/cm	
077128	Styrene	N	E84282	8260B	3/7/2006 7:27:00AM	0.98	0.98	ug/L	U
[illegible]2105	Dibromochloromethane	N	E84282	8260B	3/7/2006 7:27:00AM	0.34	0.34	ug/L	U
[illegible]371	Ethylbenzene	N	E84282	8260B	3/7/2006 7:27:00AM	0.44	0.44	ug/L	U

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

Sample Date/Time: 2/23/2006 9:20:00AM

WACS Testsite ID #: # 20843

Sampling Method: Unknown

WACS Testsite Name: MWB32S

Permitted Well Type: DE

Water Classification: G-II
LC - Leachate, G-II, SW-IIIF)

- Well Purged prior to Sample Collection? (Y/N): Y

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
032101	Bromodichloromethane	N	E84282	8260B	3/7/2006 7:27:00AM	0.35	0.35	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	3/7/2006 7:27:00AM	8.4	8.4	ug/L	U
000940	Chloride	N	E84282	325.2	3/2/2006 10:44:00AM	9.2	0.9	mg/L	
001077	Silver	N	E84282	200.7 Rev 4.4	3/7/2006 10:30:00AM	1.9	1.9	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	3/7/2006 7:27:00AM	4	4	ug/L	U
001042	Copper	N	E84282	200.7 Rev 4.4	3/7/2006 10:30:00AM	2.9	2.9	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	3/7/2006 7:27:00AM	0.34	0.34	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	3/7/2006 10:30:00AM	0.71	0.71	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	3/7/2006 7:27:00AM	0.44	0.44	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	3/7/2006 7:27:00AM	0.85	0.85	ug/L	U
077424	Iodomethane	N	E84282	8260B	3/7/2006 7:27:00AM	0.67	0.67	ug/L	U
072020	Water Level	N	E84282	Field Sampling	2/23/2006 9:20:00AM	115.26		ft	
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/7/2006 7:27:00AM	0.14	0.14	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	3/7/2006 7:27:00AM	0.46	0.46	ug/L	U
077103	2-Hexanone	N	E84282	8260B	3/7/2006 7:27:00AM	4.4	4.4	ug/L	U
000010	Field Temperature	N	E84282	Field Sampling	2/23/2006 9:20:00AM	20.1		Degrees C	
001051	Lead	N	E84282	200.7 Rev 4.4	3/7/2006 10:30:00AM	1.6	1.6	ug/L	U
078124	Benzene	N	E84282	8260B	3/7/2006 7:27:00AM	0.27	0.27	ug/L	U
001147	Selenium	N	E84282	200.7 Rev 4.4	3/7/2006 10:30:00AM	5.9	5.9	ug/L	U
000620	Nitrate Nitrogen	N	E84282	353.2	2/24/2006 2:48:00PM	0.01	0.01	mg/L	U
000929	Sodium	N	E84282	200.7 Rev 4.4	3/7/2006 10:30:00AM	5.4	0.31	mg/L	
00610	Ammonia	N	E84282	350.1	3/1/2006 10:16:00AM	0.25	0.04	mg/L	
2079	Turbidity	N	E84282	Field Sampling	2/23/2006 9:20:00AM	31.9		NTU	
001045	Iron	N	E84282	200.7 Rev 4.4	3/7/2006 10:30:00AM	520	22	ug/L	
000299	Oxygen, Dissolved	N	E84282	Field Sampling	2/23/2006 9:20:00AM	0.8		mg/L	
001067	Nickel	N	E84282	200.7 Rev 4.4	3/7/2006 10:30:00AM	4.7	4.7	ug/L	U
000406	Field pH	N	E84282	Field Sampling	2/23/2006 9:20:00AM	5.33		SU	
070300	Total Dissolved Solids	N	E84282	160.1	2/27/2006 3:54:00PM	74	5	mg/L	
073085	Bromochloromethane	N	E84282	8260B	3/7/2006 7:27:00AM	0.58	0.58	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	3/7/2006 7:27:00AM	0.52	0.52	ug/L	U
071900	Mercury	N	E84282	245.1	3/2/2006 1:30:00PM	0.072	0.072	ug/L	U

Total Parameters Monitored: 75

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

Facility Name: Trail Ridge Landfill

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 33628

WACS Testsite ID #: 17230

WACS Testsite Name: MWB17D

Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 2/23/2006 12:45:00PM

Sampling Method: Unknown

Permitted Well Type: CO

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
000299	Oxygen, Dissolved	N	E84282	Field Sampling	2/23/2006 12:45:00PM	1.1		mg/L	
032105	Dibromochloromethane	N	E84282	8260B	3/7/2006 7:52:00AM	0.34	0.34	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	3/7/2006 7:52:00AM	0.14	0.14	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	3/7/2006 7:52:00AM	0.65	0.65	ug/L	U
032106	Chloroform	N	E84282	8260B	3/7/2006 7:52:00AM	0.9	0.9	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	3/7/2006 7:52:00AM	0.63	0.63	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	3/7/2006 7:52:00AM	0.42	0.42	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	3/7/2006 7:52:00AM	0.85	0.85	ug/L	U
077651	Ethylene Dibromide	N	E84282	504.1	3/9/2006 5:31:00AM	0.009	0.009	ug/L	U
032104	Bromoform	N	E84282	8260B	3/7/2006 7:52:00AM	0.58	0.58	ug/L	U
000620	Nitrate Nitrogen	N	E84282	353.2	2/24/2006 2:48:00PM	0.01	0.01	mg/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	3/7/2006 7:52:00AM	0.45	0.45	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	3/7/2006 7:52:00AM	0.52	0.52	ug/L	U
[illegible]511	1,1,2-Trichloroethane	N	E84282	8260B	3/7/2006 7:52:00AM	0.47	0.47	ug/L	U
[illegible]516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/7/2006 7:52:00AM	0.14	0.14	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	3/7/2006 7:52:00AM	0.46	0.46	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/7/2006 7:52:00AM	0.63	0.63	ug/L	U
000010	Field Temperature	N	E84282	Field Sampling	2/23/2006 12:45:00PM	21.7		Degrees C	
032101	Bromodichloromethane	N	E84282	8260B	3/7/2006 7:52:00AM	0.35	0.35	ug/L	U
001045	Iron	N	E84282	200.7 Rev 4.4	3/7/2006 10:35:00AM	510	22	ug/L	
071900	Mercury	N	E84282	245.1	3/2/2006 1:31:00PM	0.072	0.072	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	3/7/2006 10:35:00AM	36	1.2	ug/L	
001059	Thallium	N	E87052	200.8	3/2/2006 9:31:00PM	0.25	0.25	ug/L	U
000940	Chloride	N	E84282	325.2	3/2/2006 10:44:00AM	6.9	0.9	mg/L	
001092	Zinc	N	E84282	200.7 Rev 4.4	3/7/2006 10:35:00AM	5.9	5.9	ug/L	U
001002	Arsenic	N	E84282	200.7 Rev 4.4	3/7/2006 10:35:00AM	4.8	4.8	ug/L	U
077424	Iodomethane	N	E84282	8260B	3/7/2006 7:52:00AM	0.67	0.67	ug/L	U
000610	Ammonia	N	E84282	350.1	3/1/2006 10:16:00AM	0.04	0.04	mg/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	3/7/2006 7:52:00AM	0.15	0.15	ug/L	U
070300	Total Dissolved Solids	N	E84282	160.1	2/27/2006 3:54:00PM	36	5	mg/L	
081551	Xylenes, Total	N	E84282	8260B	3/7/2006 7:52:00AM	0.3	0.3	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	3/7/2006 7:52:00AM	0.5	0.5	ug/L	U
039180	Trichloroethene	N	E84282	8260B	3/7/2006 7:52:00AM	0.28	0.28	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	3/7/2006 7:52:00AM	0.98	0.98	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	3/7/2006 7:52:00AM	1.5	1.5	ug/L	U
034311	Chloroethane	N	E84282	8260B	3/7/2006 7:52:00AM	0.8	0.8	ug/L	U
001097	Antimony	N	E84282	200.7 Rev 4.4	3/7/2006 10:35:00AM	3.6	3.6	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	3/7/2006 10:35:00AM	0.71	0.71	ug/L	U
077103	2-Hexanone	N	E84282	8260B	3/7/2006 7:52:00AM	4.4	4.4	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	3/7/2006 7:52:00AM	0.52	0.52	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	3/7/2006 7:52:00AM	0.52	0.52	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	3/7/2006 7:52:00AM	0.57	0.57	ug/L	U
[illegible]536	1,2-Dichlorobenzene	N	E84282	8260B	3/7/2006 7:52:00AM	0.44	0.44	ug/L	U
[illegible]094	Specific Conductance	N	E84282	Field Sampling	2/23/2006 12:45:00PM	61		umhos/cm	

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 17230
WACS Testsite Name: MWB17D
Water Classification: G-II
(LC - Leachate, G-II, SW-IIIF)
Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 2/23/2006 12:45:00PM
Sampling Method: Unknown
Permitted Well Type: CO

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001067	Nickel	N	E84282	200.7 Rev 4.4	3/7/2006 10:35:00AM	4.7	4.7	ug/L	U
081596	4-Methyl-2-pentanone	N	E84282	8260B	3/7/2006 7:52:00AM	3.8	3.8	ug/L	U
001012	Beryllium	N	E84282	200.7 Rev 4.4	3/7/2006 10:35:00AM	0.74	0.74	ug/L	U
001037	Cobalt	N	E84282	200.7 Rev 4.4	3/7/2006 10:35:00AM	1.6	1.6	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	3/7/2006 10:35:00AM	1.7	1.7	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/9/2006 5:31:00AM	0.0031	0.0031	ug/L	U
001042	Copper	N	E84282	200.7 Rev 4.4	3/7/2006 10:35:00AM	2.9	2.9	ug/L	U
034418	Chloromethane	N	E84282	8260B	3/7/2006 7:52:00AM	0.64	0.64	ug/L	U
001147	Selenium	N	E84282	200.7 Rev 4.4	3/7/2006 10:35:00AM	5.9	5.9	ug/L	U
001077	Silver	N	E84282	200.7 Rev 4.4	3/7/2006 10:35:00AM	1.9	1.9	ug/L	U
000929	Sodium	N	E84282	200.7 Rev 4.4	3/7/2006 10:35:00AM	3.1	0.31	mg/L	
082079	Turbidity	N	E84282	Field Sampling	2/23/2006 12:45:00PM	0.1		NTU	
001087	Vanadium	N	E84282	200.7 Rev 4.4	3/7/2006 10:35:00AM	2.5	2.5	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	3/7/2006 7:52:00AM	0.14	0.14	ug/L	U
072020	Water Level	N	E84282	Field Sampling	2/23/2006 12:45:00PM	130.72		ft	
001051	Lead	N	E84282	200.7 Rev 4.4	3/7/2006 10:35:00AM	1.6	1.6	ug/L	U
081552	Acetone	N	E84282	8260B	3/7/2006 7:52:00AM	9.9	9.9	ug/L	U
078124	Benzene	N	E84282	8260B	3/7/2006 7:52:00AM	0.27	0.27	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	3/7/2006 7:52:00AM	0.44	0.44	ug/L	U
034010	Toluene	N	E84282	8260B	3/7/2006 7:52:00AM	0.51	0.51	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	3/7/2006 7:52:00AM	0.34	0.34	ug/L	U
77128	Styrene	N	E84282	8260B	3/7/2006 7:52:00AM	0.98	0.98	ug/L	U
423	Methylene Chloride	N	E84282	8260B	3/7/2006 7:52:00AM	18	4	ug/L	
3085	Bromochloromethane	N	E84282	8260B	3/7/2006 7:52:00AM	0.58	0.58	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	3/7/2006 7:52:00AM	8.4	8.4	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	3/7/2006 7:52:00AM	0.44	0.44	ug/L	U
000406	Field pH	N	E84282	Field Sampling	2/23/2006 12:45:00PM	5.41		SU	
034215	Acrylonitrile	N	E84282	8260B	3/7/2006 7:52:00AM	1.2	1.2	ug/L	U
077596	Methylene bromide	N	E84282	8260B	3/7/2006 7:52:00AM	0.41	0.41	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/7/2006 7:52:00AM	2.5	2.5	ug/L	U
034413	Bromomethane	N	E84282	8260B	3/7/2006 7:52:00AM	0.66	0.66	ug/L	U

Total Parameters Monitored: 75

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Facility Name: Trail Ridge Landfill

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 33628

WACS Testsite ID #: 17183

WACS Testsite Name: MWB3S

Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 2/23/2006 8:42:00AM

Sampling Method: Unknown

Permitted Well Type: BG

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001092	Zinc	N	E84282	200.7 Rev 4.4	3/6/2006 6:40:00PM	5.9	5.9	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	3/3/2006 10:09:00PM	0.47	0.47	ug/L	U
071900	Mercury	N	E84282	245.1	3/2/2006 12:40:00PM	0.072	0.072	ug/L	U
001147	Selenium	N	E84282	200.7 Rev 4.4	3/6/2006 6:40:00PM	5.9	5.9	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	3/3/2006 10:09:00PM	0.3	0.3	ug/L	U
001059	Thallium	N	E87052	200.8	3/2/2006 7:29:00AM	0.28	0.25	ug/L	I
000299	Oxygen, Dissolved	N	E84282	Field Sampling	2/23/2006 8:42:00AM	2.6		mg/L	
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/8/2006 4:51:00PM	0.0031	0.0031	ug/L	U
000094	Specific Conductance	N	E84282	Field Sampling	2/23/2006 8:42:00AM	47		umhos/cm	
072020	Water Level	N	E84282	Field Sampling	2/23/2006 8:42:00AM	145.96		ft	
001087	Vanadium	N	E84282	200.7 Rev 4.4	3/6/2006 6:40:00PM	2.5	2.5	ug/L	U
000940	Chloride	N	E84282	325.2	2/28/2006 4:59:00PM	5.8	0.9	mg/L	
082079	Turbidity	N	E84282	Field Sampling	2/23/2006 8:42:00AM	2.5		NTU	
[illegible]1077	Silver	N	E84282	200.7 Rev 4.4	3/6/2006 6:40:00PM	1.9	1.9	ug/L	U
[illegible]610	Ammonia	N	E84282	350.1	2/28/2006 11:54:00AM	0.04	0.04	mg/L	U
034311	Chloroethane	N	E84282	8260B	3/3/2006 10:09:00PM	0.8	0.8	ug/L	U
070300	Total Dissolved Solids	N	E84282	160.1	2/27/2006 12:08:00PM	34	5	mg/L	
034413	Bromomethane	N	E84282	8260B	3/3/2006 10:09:00PM	0.66	0.66	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	3/3/2006 10:09:00PM	0.5	0.5	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	3/3/2006 10:09:00PM	1.5	1.5	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	3/3/2006 10:09:00PM	0.98	0.98	ug/L	U
039180	Trichloroethene	N	E84282	8260B	3/3/2006 10:09:00PM	0.28	0.28	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/3/2006 10:09:00PM	2.5	2.5	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	3/3/2006 10:09:00PM	0.44	0.44	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	3/3/2006 10:09:00PM	0.42	0.42	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	3/3/2006 10:09:00PM	0.35	0.35	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	3/3/2006 10:09:00PM	0.14	0.14	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	3/3/2006 10:09:00PM	8.4	8.4	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	3/3/2006 10:09:00PM	0.57	0.57	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	3/3/2006 10:09:00PM	0.15	0.15	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	3/3/2006 10:09:00PM	0.52	0.52	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	3/3/2006 10:09:00PM	1.2	1.2	ug/L	U
001012	Beryllium	N	E84282	200.7 Rev 4.4	3/6/2006 6:40:00PM	0.74	0.74	ug/L	U
001051	Lead	N	E84282	200.7 Rev 4.4	3/6/2006 6:40:00PM	1.6	1.6	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	3/6/2006 6:40:00PM	4.7	4.7	ug/L	U
000929	Sodium	N	E84282	200.7 Rev 4.4	3/6/2006 6:40:00PM	3.1	0.31	mg/L	
001045	Iron	N	E84282	200.7 Rev 4.4	3/6/2006 6:40:00PM	480	22	ug/L	
034541	1,2-Dichloropropane	N	E84282	8260B	3/3/2006 10:09:00PM	0.52	0.52	ug/L	U
001037	Cobalt	N	E84282	200.7 Rev 4.4	3/6/2006 6:40:00PM	2.2	1.6	ug/L	I
034475	Tetrachloroethene	N	E84282	8260B	3/3/2006 10:09:00PM	0.34	0.34	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	3/6/2006 6:40:00PM	0.71	0.71	ug/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	3/3/2006 10:09:00PM	0.45	0.45	ug/L	U
[illegible]1007	Barium	N	E84282	200.7 Rev 4.4	3/6/2006 6:40:00PM	12	1.2	ug/L	
[illegible]002	Arsenic	N	E84282	200.7 Rev 4.4	3/6/2006 6:40:00PM	4.8	4.8	ug/L	U

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 17183
WACS Testsite Name: MWB3S
Water Classification: G-II
(LC - Leachate, G-II, SW-IIIF)
Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 2/23/2006 8:42:00AM
Sampling Method: Unknown
Permitted Well Type: BG

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001097	Antimony	N	E84282	200.7 Rev 4.4	3/6/2006 6:40:00PM	3.6	3.6	ug/L	U
034010	Toluene	N	E84282	8260B	3/3/2006 10:09:00PM	0.51	0.51	ug/L	U
077128	Styrene	N	E84282	8260B	3/3/2006 10:09:00PM	0.98	0.98	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	3/3/2006 10:09:00PM	0.44	0.44	ug/L	U
078124	Benzene	N	E84282	8260B	3/3/2006 10:09:00PM	0.27	0.27	ug/L	U
077651	Ethylene Dibromide	N	E84282	504.1	3/8/2006 4:51:00PM	0.0089	0.0089	ug/L	U
001042	Copper	N	E84282	200.7 Rev 4.4	3/6/2006 6:40:00PM	2.9	2.9	ug/L	U
032106	Chloroform	N	E84282	8260B	3/3/2006 10:09:00PM	0.9	0.9	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	3/6/2006 6:40:00PM	1.7	1.7	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	3/3/2006 10:09:00PM	0.52	0.52	ug/L	U
034418	Chloromethane	N	E84282	8260B	3/3/2006 10:09:00PM	0.64	0.64	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/3/2006 10:09:00PM	0.63	0.63	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/3/2006 10:09:00PM	0.14	0.14	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	3/3/2006 10:09:00PM	0.58	0.58	ug/L	U
032104	Bromoform	N	E84282	8260B	3/3/2006 10:09:00PM	0.58	0.58	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	3/3/2006 10:09:00PM	0.85	0.85	ug/L	U
000620	Nitrate Nitrogen	N	E84282	353.2	2/24/2006 12:37:00PM	0.01	0.01	mg/L	U
034301	Chlorobenzene	N	E84282	8260B	3/3/2006 10:09:00PM	0.63	0.63	ug/L	U
000010	Field Temperature	N	E84282	Field Sampling	2/23/2006 8:42:00AM	17.5		Degrees C	
077596	Methylene bromide	N	E84282	8260B	3/3/2006 10:09:00PM	0.41	0.41	ug/L	U
077103	2-Hexanone	N	E84282	8260B	3/3/2006 10:09:00PM	4.4	4.4	ug/L	U
[redacted]4423	Methylene Chloride	N	E84282	8260B	3/3/2006 10:09:00PM	4	4	ug/L	U
[redacted]552	Acetone	N	E84282	8260B	3/3/2006 10:09:00PM	9.9	9.9	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	3/3/2006 10:09:00PM	0.46	0.46	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	3/3/2006 10:09:00PM	0.65	0.65	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	3/3/2006 10:09:00PM	0.14	0.14	ug/L	U
000406	Field pH	N	E84282	Field Sampling	2/23/2006 8:42:00AM	4.79		SU	
032105	Dibromochloromethane	N	E84282	8260B	3/3/2006 10:09:00PM	0.34	0.34	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	3/3/2006 10:09:00PM	0.44	0.44	ug/L	U
077424	Iodomethane	N	E84282	8260B	3/3/2006 10:09:00PM	0.67	0.67	ug/L	U
081596	4-Methyl-2-pentanone	N	E84282	8260B	3/3/2006 10:09:00PM	3.8	3.8	ug/L	U

Total Parameters Monitored: 75

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Facility Name: Trail Ridge Landfill

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 33628

WACS Testsite ID #: 17182

WACS Testsite Name: MWB3I

Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 2/23/2006 9:24:00AM

Sampling Method: Unknown

Permitted Well Type: BG

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
077093	cis-1,2-Dichloroethene	N	E84282	8260B	3/3/2006 10:34:00PM	0.65	0.65	ug/L	U
039180	Trichloroethene	N	E84282	8260B	3/3/2006 10:34:00PM	0.28	0.28	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	3/3/2006 10:34:00PM	8.4	8.4	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	3/3/2006 10:34:00PM	4	4	ug/L	U
082079	Turbidity	N	E84282	Field Sampling	2/23/2006 9:24:00AM	0		NTU	
000406	Field pH	N	E84282	Field Sampling	2/23/2006 9:24:00AM	4.9		SU	
001012	Beryllium	N	E84282	200.7 Rev 4.4	3/6/2006 6:24:00PM	0.74	0.74	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	3/6/2006 6:24:00PM	0.71	0.71	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	3/6/2006 6:24:00PM	1.7	1.7	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	3/3/2006 10:34:00PM	0.58	0.58	ug/L	U
000010	Field Temperature	N	E84282	Field Sampling	2/23/2006 9:24:00AM	20.7		Degrees C	
077103	2-Hexanone	N	E84282	8260B	3/3/2006 10:34:00PM	4.4	4.4	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/8/2006 7:03:00AM	0.0031	0.0031	ug/L	U
[illegible]0094	Specific Conductance	N	E84282	Field Sampling	2/23/2006 9:24:00AM	35		umhos/cm	
[illegible]488	Trichlorofluoromethane	N	E84282	8260B	3/3/2006 10:34:00PM	0.98	0.98	ug/L	U
072020	Water Level	N	E84282	Field Sampling	2/23/2006 9:24:00AM	139.02		ft	
081551	Xylenes, Total	N	E84282	8260B	3/3/2006 10:34:00PM	0.3	0.3	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	3/3/2006 10:34:00PM	0.35	0.35	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	3/3/2006 10:34:00PM	0.52	0.52	ug/L	U
001037	Cobalt	N	E84282	200.7 Rev 4.4	3/6/2006 6:24:00PM	1.6	1.6	ug/L	U
032104	Bromoform	N	E84282	8260B	3/3/2006 10:34:00PM	0.58	0.58	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	3/3/2006 10:34:00PM	0.44	0.44	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	3/3/2006 10:34:00PM	0.52	0.52	ug/L	U
081596	4-Methyl-2-pentanone	N	E84282	8260B	3/3/2006 10:34:00PM	3.8	3.8	ug/L	U
034010	Toluene	N	E84282	8260B	3/3/2006 10:34:00PM	0.51	0.51	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	3/3/2006 10:34:00PM	1.2	1.2	ug/L	U
077128	Styrene	N	E84282	8260B	3/3/2006 10:34:00PM	0.98	0.98	ug/L	U
078124	Benzene	N	E84282	8260B	3/3/2006 10:34:00PM	0.27	0.27	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	3/3/2006 10:34:00PM	0.42	0.42	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	3/3/2006 10:34:00PM	0.34	0.34	ug/L	U
034413	Bromomethane	N	E84282	8260B	3/3/2006 10:34:00PM	0.66	0.66	ug/L	U
070300	Total Dissolved Solids	N	E84282	160.1	2/27/2006 12:08:00PM	22	5	mg/L	
077057	Vinyl acetate	N	E84282	8260B	3/3/2006 10:34:00PM	1.5	1.5	ug/L	U
032106	Chloroform	N	E84282	8260B	3/3/2006 10:34:00PM	0.9	0.9	ug/L	U
001097	Antimony	N	E84282	200.7 Rev 4.4	3/6/2006 6:24:00PM	3.6	3.6	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	3/6/2006 6:24:00PM	22	1.2	ug/L	
000620	Nitrate Nitrogen	N	E84282	353.2	2/24/2006 12:37:00PM	0.01	0.01	mg/L	U
077596	Methylene bromide	N	E84282	8260B	3/3/2006 10:34:00PM	0.41	0.41	ug/L	U
001002	Arsenic	N	E84282	200.7 Rev 4.4	3/6/2006 6:24:00PM	4.8	4.8	ug/L	U
000610	Ammonia	N	E84282	350.1	2/28/2006 11:54:00AM	0.04	0.04	mg/L	U
000940	Chloride	N	E84282	325.2	2/28/2006 4:59:00PM	4.4	0.9	mg/L	
077041	Carbon disulfide	N	E84282	8260B	3/3/2006 10:34:00PM	0.85	0.85	ug/L	U
[illegible]7562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/3/2006 10:34:00PM	0.63	0.63	ug/L	U
[illegible]531	1,2-Dichloroethane	N	E84282	8260B	3/3/2006 10:34:00PM	0.57	0.57	ug/L	U

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 17182
WACS Testsite Name: MWB3I
Water Classification: G-II
(LC - Leachate, G-II, SW-IIIF)
Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 2/23/2006 9:24:00AM
Sampling Method: Unknown
Permitted Well Type: BG

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
000929	Sodium	N	E84282	200.7 Rev 4.4	3/6/2006 6:24:00PM	3.2	0.31	mg/L	
001042	Copper	N	E84282	200.7 Rev 4.4	3/6/2006 6:24:00PM	2.9	2.9	ug/L	U
081552	Acetone	N	E84282	8260B	3/3/2006 10:34:00PM	9.9	9.9	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	3/3/2006 10:34:00PM	0.14	0.14	ug/L	U
077424	Iodomethane	N	E84282	8260B	3/3/2006 10:34:00PM	0.67	0.67	ug/L	U
001077	Silver	N	E84282	200.7 Rev 4.4	3/6/2006 6:24:00PM	1.9	1.9	ug/L	U
001045	Iron	N	E84282	200.7 Rev 4.4	3/6/2006 6:24:00PM	660	22	ug/L	
001087	Vanadium	N	E84282	200.7 Rev 4.4	3/6/2006 6:24:00PM	2.5	2.5	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	3/6/2006 6:24:00PM	5.9	5.9	ug/L	U
001059	Thallium	N	E87052	200.8	3/2/2006 7:51:00AM	0.25	0.25	ug/L	I
071900	Mercury	N	E84282	245.1	3/2/2006 12:41:00PM	0.072	0.072	ug/L	U
077651	Ethylene Dibromide	N	E84282	504.1	3/8/2006 7:03:00AM	0.0091	0.0091	ug/L	U
001147	Selenium	N	E84282	200.7 Rev 4.4	3/6/2006 6:24:00PM	5.9	5.9	ug/L	U
001051	Lead	N	E84282	200.7 Rev 4.4	3/6/2006 6:24:00PM	1.6	1.6	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	3/3/2006 10:34:00PM	0.47	0.47	ug/L	U
000299	Oxygen, Dissolved	N	E84282	Field Sampling	2/23/2006 9:24:00AM	1		mg/L	
001067	Nickel	N	E84282	200.7 Rev 4.4	3/6/2006 6:24:00PM	4.7	4.7	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	3/3/2006 10:34:00PM	0.5	0.5	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	3/3/2006 10:34:00PM	0.44	0.44	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/3/2006 10:34:00PM	2.5	2.5	ug/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	3/3/2006 10:34:00PM	0.45	0.45	ug/L	U
[illegible]7443	1,2,3-Trichloropropane	N	E84282	8260B	3/3/2006 10:34:00PM	0.15	0.15	ug/L	U
[illegible]536	1,2-Dichlorobenzene	N	E84282	8260B	3/3/2006 10:34:00PM	0.44	0.44	ug/L	U
[illegible]4506	1,1,1-Trichloroethane	N	E84282	8260B	3/3/2006 10:34:00PM	0.46	0.46	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	3/3/2006 10:34:00PM	0.52	0.52	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/3/2006 10:34:00PM	0.14	0.14	ug/L	U
034311	Chloroethane	N	E84282	8260B	3/3/2006 10:34:00PM	0.8	0.8	ug/L	U
034418	Chloromethane	N	E84282	8260B	3/3/2006 10:34:00PM	0.64	0.64	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	3/3/2006 10:34:00PM	0.14	0.14	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	3/3/2006 10:34:00PM	0.34	0.34	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	3/3/2006 10:34:00PM	0.63	0.63	ug/L	U

Total Parameters Monitored: 75

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

Facility Name: Trail Ridge Landfill

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 33628

WACS Testsite ID #: 17185

WACS Testsite Name: MWB7I

Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 2/23/2006 10:04:00AM

Sampling Method: Unknown

Permitted Well Type: CO

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
034699	trans-1,3-Dichloropropene	N	E84282	8260B	3/6/2006 8:17:00PM	0.14	0.14	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	3/6/2006 8:17:00PM	0.3	0.3	ug/L	U
070300	Total Dissolved Solids	N	E84282	160.1	2/27/2006 12:08:00PM	44	5	mg/L	
077057	Vinyl acetate	N	E84282	8260B	3/6/2006 8:17:00PM	1.5	1.5	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	3/6/2006 8:17:00PM	0.98	0.98	ug/L	U
039180	Trichloroethene	N	E84282	8260B	3/6/2006 8:17:00PM	0.28	0.28	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/6/2006 8:17:00PM	2.5	2.5	ug/L	U
000610	Ammonia	N	E84282	350.1	2/28/2006 11:54:00AM	0.04	0.04	mg/L	U
001059	Thallium	N	E87052	200.8	3/2/2006 7:58:00AM	0.25	0.25	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	3/6/2006 8:17:00PM	0.14	0.14	ug/L	U
000940	Chloride	N	E84282	325.2	2/28/2006 4:59:00PM	5.8	0.9	mg/L	
000620	Nitrate Nitrogen	N	E84282	353.2	2/24/2006 12:37:00PM	0.01	0.01	mg/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	3/6/2006 6:18:00PM	4.7	4.7	ug/L	U
[illegible]371	Ethylbenzene	N	E84282	8260B	3/6/2006 8:17:00PM	0.44	0.44	ug/L	U
[illegible]562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/6/2006 8:17:00PM	0.63	0.63	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	3/6/2006 8:17:00PM	0.46	0.46	ug/L	U
077128	Styrene	N	E84282	8260B	3/6/2006 8:17:00PM	0.98	0.98	ug/L	U
001147	Selenium	N	E84282	200.7 Rev 4.4	3/6/2006 6:18:00PM	5.9	5.9	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	3/6/2006 8:17:00PM	0.34	0.34	ug/L	U
001045	Iron	N	E84282	200.7 Rev 4.4	3/6/2006 6:18:00PM	370	22	ug/L	
001042	Copper	N	E84282	200.7 Rev 4.4	3/6/2006 6:18:00PM	2.9	2.9	ug/L	U
001037	Cobalt	N	E84282	200.7 Rev 4.4	3/6/2006 6:18:00PM	1.6	1.6	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	3/6/2006 6:18:00PM	1.7	1.7	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	3/6/2006 6:18:00PM	0.71	0.71	ug/L	U
001012	Beryllium	N	E84282	200.7 Rev 4.4	3/6/2006 6:18:00PM	0.74	0.74	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	3/6/2006 6:18:00PM	53	1.2	ug/L	
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/8/2006 7:26:00AM	0.003	0.003	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	3/6/2006 8:17:00PM	0.44	0.44	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	3/6/2006 8:17:00PM	0.5	0.5	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	3/6/2006 8:17:00PM	0.85	0.85	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	3/6/2006 8:17:00PM	0.42	0.42	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	3/6/2006 8:17:00PM	0.63	0.63	ug/L	U
034311	Chloroethane	N	E84282	8260B	3/6/2006 8:17:00PM	0.8	0.8	ug/L	U
001002	Arsenic	N	E84282	200.7 Rev 4.4	3/6/2006 6:18:00PM	4.8	4.8	ug/L	U
034418	Chloromethane	N	E84282	8260B	3/6/2006 8:17:00PM	0.64	0.64	ug/L	U
001097	Antimony	N	E84282	200.7 Rev 4.4	3/6/2006 6:18:00PM	3.6	3.6	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	3/6/2006 8:17:00PM	0.52	0.52	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/6/2006 8:17:00PM	0.14	0.14	ug/L	U
034413	Bromomethane	N	E84282	8260B	3/6/2006 8:17:00PM	0.66	0.66	ug/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	3/6/2006 8:17:00PM	0.45	0.45	ug/L	U
082079	Turbidity	N	E84282	Field Sampling	2/23/2006 10:04:00AM	0.8		NTU	
072020	Water Level	N	E84282	Field Sampling	2/23/2006 10:04:00AM	117.6		ft	
[illegible]2106	Chloroform	N	E84282	8260B	3/6/2006 8:17:00PM	0.9	0.9	ug/L	U
[illegible]423	Methylene Chloride	N	E84282	8260B	3/6/2006 8:17:00PM	4	4	ug/L	U

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 17185
WACS Testsite Name: MWB7I
Water Classification: G-II
(LC - Leachate, G-II, SW-IIIF)
* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 2/23/2006 10:04:00AM
Sampling Method: Unknown
Permitted Well Type: CO

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
032104	Bromoform	N	E84282	8260B	3/6/2006 8:17:00PM	0.58	0.58	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	3/6/2006 8:17:00PM	1.2	1.2	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	3/6/2006 8:17:00PM	0.65	0.65	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	3/6/2006 8:17:00PM	0.34	0.34	ug/L	U
077424	Iodomethane	N	E84282	8260B	3/6/2006 8:17:00PM	0.67	0.67	ug/L	U
077651	Ethylene Dibromide	N	E84282	504.1	3/8/2006 7:26:00AM	0.0087	0.0087	ug/L	U
077596	Methylene bromide	N	E84282	8260B	3/6/2006 8:17:00PM	0.41	0.41	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	3/6/2006 8:17:00PM	0.52	0.52	ug/L	U
077103	2-Hexanone	N	E84282	8260B	3/6/2006 8:17:00PM	4.4	4.4	ug/L	U
001077	Silver	N	E84282	200.7 Rev 4.4	3/6/2006 6:18:00PM	1.9	1.9	ug/L	U
000929	Sodium	N	E84282	200.7 Rev 4.4	3/6/2006 6:18:00PM	3.1	0.31	mg/L	
001087	Vanadium	N	E84282	200.7 Rev 4.4	3/6/2006 6:18:00PM	2.5	2.5	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	3/6/2006 6:18:00PM	5.9	5.9	ug/L	U
071900	Mercury	N	E84282	245.1	3/2/2006 12:43:00PM	0.072	0.072	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	3/6/2006 8:17:00PM	8.4	8.4	ug/L	U
078124	Benzene	N	E84282	8260B	3/6/2006 8:17:00PM	0.27	0.27	ug/L	U
000094	Specific Conductance	N	E84282	Field Sampling	2/23/2006 10:04:00AM	43		umhos/cm	
000010	Field Temperature	N	E84282	Field Sampling	2/23/2006 10:04:00AM	22		Degrees C	
000406	Field pH	N	E84282	Field Sampling	2/23/2006 10:04:00AM	5.37		SU	
001051	Lead	N	E84282	200.7 Rev 4.4	3/6/2006 6:18:00PM	1.6	1.6	ug/L	U
081552	Acetone	N	E84282	8260B	3/6/2006 8:17:00PM	9.9	9.9	ug/L	U
[illegible]1596	4-Methyl-2-pentanone	N	E84282	8260B	3/6/2006 8:17:00PM	3.8	3.8	ug/L	U
[illegible]0085	Bromochloromethane	N	E84282	8260B	3/6/2006 8:17:00PM	0.58	0.58	ug/L	U
034010	Toluene	N	E84282	8260B	3/6/2006 8:17:00PM	0.51	0.51	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	3/6/2006 8:17:00PM	0.47	0.47	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	3/6/2006 8:17:00PM	0.15	0.15	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	3/6/2006 8:17:00PM	0.44	0.44	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	3/6/2006 8:17:00PM	0.57	0.57	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	3/6/2006 8:17:00PM	0.52	0.52	ug/L	U
000299	Oxygen, Dissolved	N	E84282	Field Sampling	2/23/2006 10:04:00AM	0.9		mg/L	
032101	Bromodichloromethane	N	E84282	8260B	3/6/2006 8:17:00PM	0.35	0.35	ug/L	U

Total Parameters Monitored: 75

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

Facility Name: Trail Ridge Landfill

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 33628

WACS Testsite ID #: 17184

WACS Testsite Name: MWB7D

Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 2/23/2006 10:23:00AM

Sampling Method: Unknown

Permitted Well Type: CO

(AS) Assessment (BG) Background (CO) Compliance (DE) Detection (DG) Downgradient (IM) Intermediate
(IW) Irrigation Well (OT) Other (PZ) Piezometer (SO) Source (UP) Upgradient (WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/6/2006 8:41:00PM	0.14	0.14	ug/L	U
077128	Styrene	N	E84282	8260B	3/6/2006 8:41:00PM	0.98	0.98	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	3/6/2006 8:41:00PM	4	4	ug/L	U
034010	Toluene	N	E84282	8260B	3/6/2006 8:41:00PM	0.51	0.51	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	3/6/2006 8:41:00PM	0.44	0.44	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	3/6/2006 8:41:00PM	0.57	0.57	ug/L	U
000406	Field pH	N	E84282	Field Sampling	2/23/2006 10:23:00AM	7.39		SU	
000299	Oxygen, Dissolved	N	E84282	Field Sampling	2/23/2006 10:23:00AM	0.8		mg/L	
001077	Silver	N	E84282	200.7 Rev 4.4	3/6/2006 6:13:00PM	1.9	1.9	ug/L	U
000094	Specific Conductance	N	E84282	Field Sampling	2/23/2006 10:23:00AM	342		umhos/cm	
034506	1,1,1-Trichloroethane	N	E84282	8260B	3/6/2006 8:41:00PM	0.46	0.46	ug/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	3/6/2006 8:41:00PM	0.45	0.45	ug/L	U
001045	Iron	N	E84282	200.7 Rev 4.4	3/6/2006 6:13:00PM	190	22	ug/L	
[illegible]900	Mercury	N	E84282	245.1	3/2/2006 12:44:00PM	0.072	0.072	ug/L	U
[illegible]059	Thallium	N	E87052	200.8	3/2/2006 8:05:00AM	0.25	0.25	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	3/6/2006 6:13:00PM	5.9	5.9	ug/L	U
001087	Vanadium	N	E84282	200.7 Rev 4.4	3/6/2006 6:13:00PM	2.5	2.5	ug/L	U
000929	Sodium	N	E84282	200.7 Rev 4.4	3/6/2006 6:13:00PM	4.7	0.31	mg/L	
032106	Chloroform	N	E84282	8260B	3/6/2006 8:41:00PM	0.9	0.9	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	3/6/2006 8:41:00PM	0.14	0.14	ug/L	U
000610	Ammonia	N	E84282	350.1	2/28/2006 11:54:00AM	0.13	0.04	mg/L	
000620	Nitrate Nitrogen	N	E84282	353.2	2/24/2006 12:37:00PM	0.023	0.01	mg/L	I
000010	Field Temperature	N	E84282	Field Sampling	2/23/2006 10:23:00AM	21.7		Degrees C	
001002	Arsenic	N	E84282	200.7 Rev 4.4	3/6/2006 6:13:00PM	4.8	4.8	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	3/6/2006 6:13:00PM	1.7	1.7	ug/L	U
034311	Chloroethane	N	E84282	8260B	3/6/2006 8:41:00PM	0.8	0.8	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	3/6/2006 8:41:00PM	0.63	0.63	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	3/6/2006 8:41:00PM	0.47	0.47	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	3/6/2006 6:13:00PM	4.7	4.7	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	3/6/2006 8:41:00PM	0.65	0.65	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/6/2006 8:41:00PM	2.5	2.5	ug/L	U
039180	Trichloroethene	N	E84282	8260B	3/6/2006 8:41:00PM	0.28	0.28	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/6/2006 8:41:00PM	0.63	0.63	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	3/6/2006 8:41:00PM	0.44	0.44	ug/L	U
077596	Methylene bromide	N	E84282	8260B	3/6/2006 8:41:00PM	0.41	0.41	ug/L	U
077651	Ethylene Dibromide	N	E84282	504.1	3/8/2006 7:49:00AM	0.0089	0.0089	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	3/6/2006 8:41:00PM	0.15	0.15	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	3/6/2006 8:41:00PM	0.5	0.5	ug/L	U
001097	Antimony	N	E84282	200.7 Rev 4.4	3/6/2006 6:13:00PM	3.6	3.6	ug/L	U
032104	Bromoform	N	E84282	8260B	3/6/2006 8:41:00PM	0.58	0.58	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	3/6/2006 8:41:00PM	0.35	0.35	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	3/6/2006 8:41:00PM	0.58	0.58	ug/L	U
[illegible]124	Benzene	N	E84282	8260B	3/6/2006 8:41:00PM	0.27	0.27	ug/L	U
[illegible]027	Cadmium	N	E84282	200.7 Rev 4.4	3/6/2006 6:13:00PM	0.71	0.71	ug/L	U

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 17184
WACS Testsite Name: MWB7D
Water Classification: G-II
(LC - Leachate, G-II, SW-IIIF)

Sample Date/Time: 2/23/2006 10:23:00AM
Sampling Method: Unknown
Permitted Well Type: CO

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

* Well Purged prior to Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001012	Beryllium	N	E84282	200.7 Rev 4.4	3/6/2006 6:13:00PM	0.74	0.74	ug/L	U
072020	Water Level	N	E84282	Field Sampling	2/23/2006 10:23:00AM	120.37		ft	
082079	Turbidity	N	E84282	Field Sampling	2/23/2006 10:23:00AM	0.1		NTU	
034704	cis-1,3-Dichloropropene	N	E84282	8260B	3/6/2006 8:41:00PM	0.14	0.14	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	3/6/2006 8:41:00PM	0.52	0.52	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	3/6/2006 8:41:00PM	0.85	0.85	ug/L	U
077103	2-Hexanone	N	E84282	8260B	3/6/2006 8:41:00PM	4.4	4.4	ug/L	U
001147	Selenium	N	E84282	200.7 Rev 4.4	3/6/2006 6:13:00PM	5.9	5.9	ug/L	U
081596	4-Methyl-2-pentanone	N	E84282	8260B	3/6/2006 8:41:00PM	3.8	3.8	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	3/6/2006 8:41:00PM	0.52	0.52	ug/L	U
081552	Acetone	N	E84282	8260B	3/6/2006 8:41:00PM	9.9	9.9	ug/L	U
034418	Chloromethane	N	E84282	8260B	3/6/2006 8:41:00PM	0.64	0.64	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	3/6/2006 8:41:00PM	0.3	0.3	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/8/2006 7:49:00AM	0.0031	0.0031	ug/L	U
001051	Lead	N	E84282	200.7 Rev 4.4	3/6/2006 6:13:00PM	1.6	1.6	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	3/6/2006 8:41:00PM	0.34	0.34	ug/L	U
001042	Copper	N	E84282	200.7 Rev 4.4	3/6/2006 6:13:00PM	2.9	2.9	ug/L	U
001037	Cobalt	N	E84282	200.7 Rev 4.4	3/6/2006 6:13:00PM	1.6	1.6	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	3/6/2006 8:41:00PM	1.5	1.5	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	3/6/2006 8:41:00PM	0.98	0.98	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	3/6/2006 8:41:00PM	1.2	1.2	ug/L	U
[illegible]2102	Carbon tetrachloride	N	E84282	8260B	3/6/2006 8:41:00PM	0.42	0.42	ug/L	U
[illegible]4413	Bromomethane	N	E84282	8260B	3/6/2006 8:41:00PM	0.66	0.66	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	3/6/2006 6:13:00PM	81	1.2	ug/L	
081595	Methyl Ethyl Ketone	N	E84282	8260B	3/6/2006 8:41:00PM	8.4	8.4	ug/L	U
077424	Iodomethane	N	E84282	8260B	3/6/2006 8:41:00PM	0.67	0.67	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	3/6/2006 8:41:00PM	0.44	0.44	ug/L	U
070300	Total Dissolved Solids	N	E84282	160.1	2/27/2006 12:08:00PM	190	5	mg/L	
032105	Dibromochloromethane	N	E84282	8260B	3/6/2006 8:41:00PM	0.34	0.34	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	3/6/2006 8:41:00PM	0.52	0.52	ug/L	U
000940	Chloride	N	E84282	325.2	2/28/2006 4:59:00PM	4.5	0.9	mg/L	

Total Parameters Monitored: 75

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Facility Name: Trail Ridge Landfill

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 33628

WACS Testsite ID #: 17186

WACS Testsite Name: MWB7S

Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 2/23/2006 10:45:00AM

Sampling Method: Unknown

Permitted Well Type: CO

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001077	Silver	N	E84282	200.7 Rev 4.4	3/6/2006 6:07:00PM	1.9	1.9	ug/L	U
000929	Sodium	N	E84282	200.7 Rev 4.4	3/6/2006 6:07:00PM	5.2	0.31	mg/L	
001147	Selenium	N	E84282	200.7 Rev 4.4	3/6/2006 6:07:00PM	5.9	5.9	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/6/2006 9:06:00PM	2.5	2.5	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	3/6/2006 9:06:00PM	0.14	0.14	ug/L	U
000406	Field pH	N	E84282	Field Sampling	2/23/2006 10:45:00AM	5.22		SU	
000010	Field Temperature	N	E84282	Field Sampling	2/23/2006 10:45:00AM	21.2		Degrees C	
034215	Acrylonitrile	N	E84282	8260B	3/6/2006 9:06:00PM	1.2	1.2	ug/L	U
000094	Specific Conductance	N	E84282	Field Sampling	2/23/2006 10:45:00AM	100		umhos/cm	
032104	Bromoform	N	E84282	8260B	3/6/2006 9:06:00PM	0.58	0.58	ug/L	U
072020	Water Level	N	E84282	Field Sampling	2/23/2006 10:45:00AM	115.34		ft	
034571	1,4-Dichlorobenzene	N	E84282	8260B	3/6/2006 9:06:00PM	0.52	0.52	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	3/6/2006 6:07:00PM	1.7	1.7	ug/L	U
[illegible]7103	2-Hexanone	N	E84282	8260B	3/6/2006 9:06:00PM	4.4	4.4	ug/L	U
[illegible]1552	Acetone	N	E84282	8260B	3/6/2006 9:06:00PM	9.9	9.9	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	3/6/2006 9:06:00PM	0.52	0.52	ug/L	U
071900	Mercury	N	E84282	245.1	3/2/2006 12:49:00PM	0.072	0.072	ug/L	U
001012	Beryllium	N	E84282	200.7 Rev 4.4	3/6/2006 6:07:00PM	0.74	0.74	ug/L	U
078124	Benzene	N	E84282	8260B	3/6/2006 9:06:00PM	0.27	0.27	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	3/6/2006 9:06:00PM	0.85	0.85	ug/L	U
077596	Methylene bromide	N	E84282	8260B	3/6/2006 9:06:00PM	0.41	0.41	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	3/6/2006 9:06:00PM	4	4	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	3/6/2006 9:06:00PM	0.34	0.34	ug/L	U
001059	Thallium	N	E87052	200.8	3/2/2006 8:13:00AM	0.25	0.25	ug/L	U
001087	Vanadium	N	E84282	200.7 Rev 4.4	3/6/2006 6:07:00PM	2.6	2.5	ug/L	I
001037	Cobalt	N	E84282	200.7 Rev 4.4	3/6/2006 6:07:00PM	1.6	1.6	ug/L	U
034413	Bromomethane	N	E84282	8260B	3/6/2006 9:06:00PM	0.66	0.66	ug/L	U
081596	4-Methyl-2-pentanone	N	E84282	8260B	3/6/2006 9:06:00PM	3.8	3.8	ug/L	U
034010	Toluene	N	E84282	8260B	3/6/2006 9:06:00PM	0.51	0.51	ug/L	U
082079	Turbidity	N	E84282	Field Sampling	2/23/2006 10:45:00AM	14.4		NTU	
001092	Zinc	N	E84282	200.7 Rev 4.4	3/6/2006 6:07:00PM	5.9	5.9	ug/L	U
077128	Styrene	N	E84282	8260B	3/6/2006 9:06:00PM	0.98	0.98	ug/L	U
077424	Iodomethane	N	E84282	8260B	3/6/2006 9:06:00PM	0.67	0.67	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	3/6/2006 9:06:00PM	0.58	0.58	ug/L	U
000620	Nitrate Nitrogen	N	E84282	353.2	2/24/2006 12:37:00PM	0.032	0.01	mg/L	I
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/6/2006 9:06:00PM	0.14	0.14	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	3/6/2006 9:06:00PM	1.5	1.5	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	3/6/2006 9:06:00PM	0.65	0.65	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	3/6/2006 6:07:00PM	5.4	1.2	ug/L	I
001097	Antimony	N	E84282	200.7 Rev 4.4	3/6/2006 6:07:00PM	3.6	3.6	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	3/6/2006 6:07:00PM	0.71	0.71	ug/L	U
001042	Copper	N	E84282	200.7 Rev 4.4	3/6/2006 6:07:00PM	2.9	2.9	ug/L	U
[illegible]0940	Chloride	N	E84282	325.2	2/28/2006 4:59:00PM	10	0.9	mg/L	
[illegible]511	1,1,2-Trichloroethane	N	E84282	8260B	3/6/2006 9:06:00PM	0.47	0.47	ug/L	U

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 17186
WACS Testsite Name: MWB7S
Water Classification: G-II
(LC - Leachate, G-II, SW-IIIF)

Sample Date/Time: 2/23/2006 10:45:00AM
Sampling Method: Unknown
Permitted Well Type: CO

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

* Well Purged prior to Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
034704	cis-1,3-Dichloropropene	N	E84282	8260B	3/6/2006 9:06:00PM	0.14	0.14	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	3/6/2006 9:06:00PM	0.34	0.34	ug/L	U
001002	Arsenic	N	E84282	200.7 Rev 4.4	3/6/2006 6:07:00PM	4.8	4.8	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	3/6/2006 9:06:00PM	0.44	0.44	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	3/6/2006 9:06:00PM	8.4	8.4	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	3/6/2006 9:06:00PM	0.5	0.5	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	3/6/2006 9:06:00PM	0.3	0.3	ug/L	U
070300	Total Dissolved Solids	N	E84282	160.1	2/27/2006 12:08:00PM	90	5	mg/L	
000610	Ammonia	N	E84282	350.1	2/28/2006 11:54:00AM	0.25	0.04	mg/L	
034501	1,1-Dichloroethene	N	E84282	8260B	3/6/2006 9:06:00PM	0.45	0.45	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	3/6/2006 9:06:00PM	0.35	0.35	ug/L	U
000299	Oxygen, Dissolved	N	E84282	Field Sampling	2/23/2006 10:45:00AM	0.9		mg/L	
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/6/2006 9:06:00PM	0.63	0.63	ug/L	U
032106	Chloroform	N	E84282	8260B	3/6/2006 9:06:00PM	0.9	0.9	ug/L	U
034311	Chloroethane	N	E84282	8260B	3/6/2006 9:06:00PM	0.8	0.8	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	3/6/2006 9:06:00PM	0.63	0.63	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	3/6/2006 9:06:00PM	0.42	0.42	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	3/6/2006 9:06:00PM	0.57	0.57	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	3/6/2006 9:06:00PM	0.98	0.98	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	3/6/2006 9:06:00PM	0.15	0.15	ug/L	U
001045	Iron	N	E84282	200.7 Rev 4.4	3/6/2006 6:07:00PM	110	22	ug/L	
[illegible]4418	Chloromethane	N	E84282	8260B	3/6/2006 9:06:00PM	0.64	0.64	ug/L	U
[illegible]506	1,1,1-Trichloroethane	N	E84282	8260B	3/6/2006 9:06:00PM	0.46	0.46	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	3/6/2006 9:06:00PM	0.52	0.52	ug/L	U
077651	Ethylene Dibromide	N	E84282	504.1	3/8/2006 8:12:00AM	0.0093	0.0093	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/8/2006 8:12:00AM	0.0032	0.0032	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	3/6/2006 6:07:00PM	4.7	4.7	ug/L	U
001051	Lead	N	E84282	200.7 Rev 4.4	3/6/2006 6:07:00PM	1.6	1.6	ug/L	U
039180	Trichloroethene	N	E84282	8260B	3/6/2006 9:06:00PM	0.28	0.28	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	3/6/2006 9:06:00PM	0.44	0.44	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	3/6/2006 9:06:00PM	0.44	0.44	ug/L	U

Total Parameters Monitored: 75

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

Facility Name: Trail Ridge Landfill

PARAMETER MONITORING REPORT
Rule 62-701
WACS Report Type: SEMGW
Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 33628
WACS Testsite ID #: 17357
WACS Testsite Name: MWB13S
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 2/23/2006 11:01:00AM
Sampling Method: Unknown
Permitted Well Type: CO

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
073085	Bromochloromethane	N	E84282	8260B	3/6/2006 9:31:00PM	0.58	0.58	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/6/2006 9:31:00PM	0.63	0.63	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	3/6/2006 6:02:00PM	0.71	0.71	ug/L	U
001051	Lead	N	E84282	200.7 Rev 4.4	3/6/2006 6:02:00PM	1.6	1.6	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/6/2006 9:31:00PM	0.14	0.14	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	3/6/2006 9:31:00PM	0.47	0.47	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	3/6/2006 6:02:00PM	11	1.2	ug/L	
077128	Styrene	N	E84282	8260B	3/6/2006 9:31:00PM	0.98	0.98	ug/L	U
077596	Methylene bromide	N	E84282	8260B	3/6/2006 9:31:00PM	0.41	0.41	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	3/6/2006 9:31:00PM	8.4	8.4	ug/L	U
077424	Iodomethane	N	E84282	8260B	3/6/2006 9:31:00PM	0.67	0.67	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	3/6/2006 9:31:00PM	0.44	0.44	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	3/6/2006 6:02:00PM	7.2	5.9	ug/L	I
[redacted]4475	Tetrachloroethene	N	E84282	8260B	3/6/2006 9:31:00PM	0.34	0.34	ug/L	U
[redacted]501	1,1-Dichloroethene	N	E84282	8260B	3/6/2006 9:31:00PM	0.45	0.45	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	3/6/2006 9:31:00PM	0.14	0.14	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	3/6/2006 9:31:00PM	0.85	0.85	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	3/6/2006 9:31:00PM	0.63	0.63	ug/L	U
034311	Chloroethane	N	E84282	8260B	3/6/2006 9:31:00PM	0.8	0.8	ug/L	U
071900	Mercury	N	E84282	245.1	3/2/2006 12:50:00PM	0.072	0.072	ug/L	U
001059	Thallium	N	E87052	200.8	3/2/2006 8:20:00AM	0.25	0.25	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	3/6/2006 9:31:00PM	0.15	0.15	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	3/6/2006 9:31:00PM	0.52	0.52	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	3/6/2006 9:31:00PM	1.2	1.2	ug/L	U
000620	Nitrate Nitrogen	N	E84282	353.2	2/24/2006 2:48:00PM	0.071	0.01	mg/L	
034418	Chloromethane	N	E84282	8260B	3/6/2006 9:31:00PM	0.64	0.64	ug/L	U
081552	Acetone	N	E84282	8260B	3/6/2006 9:31:00PM	9.9	9.9	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	3/6/2006 9:31:00PM	0.65	0.65	ug/L	U
081596	4-Methyl-2-pentanone	N	E84282	8260B	3/6/2006 9:31:00PM	3.8	3.8	ug/L	U
000610	Ammonia	N	E84282	350.1	2/28/2006 11:54:00AM	0.47	0.04	mg/L	
034571	1,4-Dichlorobenzene	N	E84282	8260B	3/6/2006 9:31:00PM	0.52	0.52	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	3/6/2006 9:31:00PM	0.52	0.52	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	3/6/2006 9:31:00PM	0.14	0.14	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	3/6/2006 9:31:00PM	0.44	0.44	ug/L	U
001097	Antimony	N	E84282	200.7 Rev 4.4	3/6/2006 6:02:00PM	3.6	3.6	ug/L	U
001002	Arsenic	N	E84282	200.7 Rev 4.4	3/6/2006 6:02:00PM	4.8	4.8	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	3/6/2006 9:31:00PM	0.57	0.57	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	3/6/2006 9:31:00PM	0.34	0.34	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	3/6/2006 9:31:00PM	0.42	0.42	ug/L	U
077103	2-Hexanone	N	E84282	8260B	3/6/2006 9:31:00PM	4.4	4.4	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	3/6/2006 6:02:00PM	4.7	4.7	ug/L	U
000406	Field pH	N	E84282	Field Sampling	2/23/2006 11:01:00AM	5.41		SU	
[redacted]2020	Water Level	N	E84282	Field Sampling	2/23/2006 11:01:00AM	111.86		ft	
[redacted]437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/8/2006 8:36:00AM	0.003	0.003	ug/L	U

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 17357
WACS Testsite Name: MWB13S
Water Classification: G-II
LC - Leachate, G-II, SW-IIIF)

Sample Date/Time: 2/23/2006 11:01:00AM
Sampling Method: Unknown
Permitted Well Type: CO

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

Well Purged prior to Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
000929	Sodium	N	E84282	200.7 Rev 4.4	3/6/2006 6:02:00PM	10	0.31	mg/L	
077651	Ethylene Dibromide	N	E84282	504.1	3/8/2006 8:36:00AM	0.0087	0.0087	ug/L	U
034413	Bromomethane	N	E84282	8260B	3/6/2006 9:31:00PM	0.66	0.66	ug/L	U
000010	Field Temperature	N	E84282	Field Sampling	2/23/2006 11:01:00AM	19.2		Degrees C	
001037	Cobalt	N	E84282	200.7 Rev 4.4	3/6/2006 6:02:00PM	1.9	1.6	ug/L	I
001042	Copper	N	E84282	200.7 Rev 4.4	3/6/2006 6:02:00PM	19	2.9	ug/L	I
078124	Benzene	N	E84282	8260B	3/6/2006 9:31:00PM	0.27	0.27	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	3/6/2006 9:31:00PM	0.98	0.98	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	3/6/2006 9:31:00PM	1.5	1.5	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	3/6/2006 9:31:00PM	0.5	0.5	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	3/6/2006 9:31:00PM	0.3	0.3	ug/L	U
070300	Total Dissolved Solids	N	E84282	160.1	2/27/2006 12:08:00PM	120	5	mg/L	
000940	Chloride	N	E84282	325.2	2/28/2006 4:59:00PM	21	0.9	mg/L	
034506	1,1,1-Trichloroethane	N	E84282	8260B	3/6/2006 9:31:00PM	0.46	0.46	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	3/6/2006 9:31:00PM	0.44	0.44	ug/L	U
001147	Selenium	N	E84282	200.7 Rev 4.4	3/6/2006 6:02:00PM	31	5.9	ug/L	
001034	Chromium	N	E84282	200.7 Rev 4.4	3/6/2006 6:02:00PM	6	1.7	ug/L	I
032104	Bromoform	N	E84282	8260B	3/6/2006 9:31:00PM	0.58	0.58	ug/L	U
000299	Oxygen, Dissolved	N	E84282	Field Sampling	2/23/2006 11:01:00AM	1.8		mg/L	
001087	Vanadium	N	E84282	200.7 Rev 4.4	3/6/2006 6:02:00PM	47	2.5	ug/L	
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/6/2006 9:31:00PM	2.5	2.5	ug/L	U
[illegible]180	Trichloroethene	N	E84282	8260B	3/6/2006 9:31:00PM	0.28	0.28	ug/L	U
[illegible]101	Bromodichloromethane	N	E84282	8260B	3/6/2006 9:31:00PM	0.35	0.35	ug/L	U
001012	Beryllium	N	E84282	200.7 Rev 4.4	3/6/2006 6:02:00PM	0.74	0.74	ug/L	U
034010	Toluene	N	E84282	8260B	3/6/2006 9:31:00PM	0.51	0.51	ug/L	U
001045	Iron	N	E84282	200.7 Rev 4.4	3/6/2006 6:02:00PM	760	22	ug/L	
082079	Turbidity	N	E84282	Field Sampling	2/23/2006 11:01:00AM	13.7		NTU	
001077	Silver	N	E84282	200.7 Rev 4.4	3/6/2006 6:02:00PM	1.9	1.9	ug/L	U
000094	Specific Conductance	N	E84282	Field Sampling	2/23/2006 11:01:00AM	177		umhos/cm	
034423	Methylene Chloride	N	E84282	8260B	3/6/2006 9:31:00PM	4	4	ug/L	U
032106	Chloroform	N	E84282	8260B	3/6/2006 9:31:00PM	0.9	0.9	ug/L	U

Total Parameters Monitored: 75

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Facility Name: Trail Ridge Landfill

PARAMETER MONITORING REPORT
Rule 62-701
WACS Report Type: SEMGW
Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 33628
WACS Testsite ID #: 17187
WACS Testsite Name: MWB11I (R)
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

Sample Date/Time: 2/23/2006 11:47:00AM
Sampling Method: Unknown
Permitted Well Type: CO

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

* Well Purged prior to Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
081552	Acetone	N	E84282	8260B	3/6/2006 9:56:00PM	9.9	9.9	ug/L	U
001097	Antimony	N	E84282	200.7 Rev 4.4	3/6/2006 5:56:00PM	3.6	3.6	ug/L	U
001002	Arsenic	N	E84282	200.7 Rev 4.4	3/6/2006 5:56:00PM	4.8	4.8	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	3/6/2006 5:56:00PM	75	1.2	ug/L	
001012	Beryllium	N	E84282	200.7 Rev 4.4	3/6/2006 5:56:00PM	0.74	0.74	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	3/6/2006 5:56:00PM	0.71	0.71	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	3/6/2006 5:56:00PM	25	1.7	ug/L	
001037	Cobalt	N	E84282	200.7 Rev 4.4	3/6/2006 5:56:00PM	1.6	1.6	ug/L	U
081596	4-Methyl-2-pentanone	N	E84282	8260B	3/6/2006 9:56:00PM	3.8	3.8	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/6/2006 9:56:00PM	0.63	0.63	ug/L	U
001147	Selenium	N	E84282	200.7 Rev 4.4	3/6/2006 5:56:00PM	5.9	5.9	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	3/6/2006 9:56:00PM	0.98	0.98	ug/L	U
000094	Specific Conductance	N	E84282	Field Sampling	2/23/2006 11:47:00AM	38		umhos/cm	
[illegible]595	Methyl Ethyl Ketone	N	E84282	8260B	3/6/2006 9:56:00PM	8.4	8.4	ug/L	U
[illegible]929	Sodium	N	E84282	200.7 Rev 4.4	3/6/2006 5:56:00PM	3.1	0.31	mg/L	
034506	1,1,1-Trichloroethane	N	E84282	8260B	3/6/2006 9:56:00PM	0.46	0.46	ug/L	U
077103	2-Hexanone	N	E84282	8260B	3/6/2006 9:56:00PM	4.4	4.4	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	3/6/2006 9:56:00PM	0.52	0.52	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	3/6/2006 9:56:00PM	0.52	0.52	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	3/6/2006 9:56:00PM	0.57	0.57	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	3/6/2006 9:56:00PM	0.44	0.44	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	3/6/2006 9:56:00PM	0.15	0.15	ug/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	3/6/2006 9:56:00PM	0.45	0.45	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	3/6/2006 9:56:00PM	0.52	0.52	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/6/2006 9:56:00PM	0.14	0.14	ug/L	U
000940	Chloride	N	E84282	325.2	2/28/2006 4:59:00PM	9.1	0.9	mg/L	
070300	Total Dissolved Solids	N	E84282	160.1	2/27/2006 12:08:00PM	46	5	mg/L	
077041	Carbon disulfide	N	E84282	8260B	3/6/2006 9:56:00PM	0.85	0.85	ug/L	U
034418	Chloromethane	N	E84282	8260B	3/6/2006 9:56:00PM	0.64	0.64	ug/L	U
082079	Turbidity	N	E84282	Field Sampling	2/23/2006 11:47:00AM	46.7		NTU	
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/8/2006 10:31:00AM	0.0032	0.0032	ug/L	U
077651	Ethylene Dibromide	N	E84282	504.1	3/8/2006 10:31:00AM	0.0093	0.0093	ug/L	U
000010	Field Temperature	N	E84282	Field Sampling	2/23/2006 11:47:00AM	23.4		Degrees C	
000406	Field pH	N	E84282	Field Sampling	2/23/2006 11:47:00AM	5.17		SU	
034511	1,1,2-Trichloroethane	N	E84282	8260B	3/6/2006 9:56:00PM	0.47	0.47	ug/L	U
032106	Chloroform	N	E84282	8260B	3/6/2006 9:56:00PM	0.9	0.9	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	3/6/2006 9:56:00PM	4	4	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	3/6/2006 9:56:00PM	0.65	0.65	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	3/6/2006 9:56:00PM	0.14	0.14	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	3/6/2006 9:56:00PM	0.34	0.34	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	3/6/2006 9:56:00PM	0.44	0.44	ug/L	U
077424	Iodomethane	N	E84282	8260B	3/6/2006 9:56:00PM	0.67	0.67	ug/L	U
[illegible]4215	Acrylonitrile	N	E84282	8260B	3/6/2006 9:56:00PM	1.2	1.2	ug/L	U
[illegible]020	Water Level	N	E84282	Field Sampling	2/23/2006 11:47:00AM	0		ft	

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 17187
WACS Testsite Name: MWB11I (R)
Water Classification: G-II
(LC - Leachate, G-II, SW-IIIF)
Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 2/23/2006 11:47:00AM
Sampling Method: Unknown
Permitted Well Type: CO

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
034301	Chlorobenzene	N	E84282	8260B	3/6/2006 9:56:00PM	0.63	0.63	ug/L	U
001042	Copper	N	E84282	200.7 Rev 4.4	3/6/2006 5:56:00PM	2.9	2.9	ug/L	U
039180	Trichloroethene	N	E84282	8260B	3/6/2006 9:56:00PM	0.28	0.28	ug/L	U
077596	Methylene bromide	N	E84282	8260B	3/6/2006 9:56:00PM	0.41	0.41	ug/L	U
000610	Ammonia	N	E84282	350.1	2/28/2006 11:54:00AM	0.04	0.04	mg/L	U
071900	Mercury	N	E84282	245.1	3/2/2006 12:52:00PM	0.072	0.072	ug/L	U
001059	Thallium	N	E87052	200.8	3/2/2006 8:27:00AM	0.25	0.25	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	3/6/2006 5:56:00PM	6.1	5.9	ug/L	I
001087	Vanadium	N	E84282	200.7 Rev 4.4	3/6/2006 5:56:00PM	38	2.5	ug/L	
001077	Silver	N	E84282	200.7 Rev 4.4	3/6/2006 5:56:00PM	1.9	1.9	ug/L	U
000299	Oxygen, Dissolved	N	E84282	Field Sampling	2/23/2006 11:47:00AM	1.3		mg/L	
001067	Nickel	N	E84282	200.7 Rev 4.4	3/6/2006 5:56:00PM	4.7	4.7	ug/L	U
001051	Lead	N	E84282	200.7 Rev 4.4	3/6/2006 5:56:00PM	7.1	1.6	ug/L	
001045	Iron	N	E84282	200.7 Rev 4.4	3/6/2006 5:56:00PM	1500	22	ug/L	
034311	Chloroethane	N	E84282	8260B	3/6/2006 9:56:00PM	0.8	0.8	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	3/6/2006 9:56:00PM	0.5	0.5	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	3/6/2006 9:56:00PM	0.14	0.14	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	3/6/2006 9:56:00PM	0.44	0.44	ug/L	U
034010	Toluene	N	E84282	8260B	3/6/2006 9:56:00PM	0.51	0.51	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	3/6/2006 9:56:00PM	0.34	0.34	ug/L	U
077128	Styrene	N	E84282	8260B	3/6/2006 9:56:00PM	0.98	0.98	ug/L	U
[illegible]1551	Xylenes, Total	N	E84282	8260B	3/6/2006 9:56:00PM	0.3	0.3	ug/L	U
[illegible]2102	Carbon tetrachloride	N	E84282	8260B	3/6/2006 9:56:00PM	0.42	0.42	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/6/2006 9:56:00PM	2.5	2.5	ug/L	U
034413	Bromomethane	N	E84282	8260B	3/6/2006 9:56:00PM	0.66	0.66	ug/L	U
032104	Bromoform	N	E84282	8260B	3/6/2006 9:56:00PM	0.58	0.58	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	3/6/2006 9:56:00PM	0.35	0.35	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	3/6/2006 9:56:00PM	0.58	0.58	ug/L	U
078124	Benzene	N	E84282	8260B	3/6/2006 9:56:00PM	0.27	0.27	ug/L	U
000620	Nitrate Nitrogen	N	E84282	353.2	2/24/2006 2:48:00PM	0.01	0.01	mg/L	U
077057	Vinyl acetate	N	E84282	8260B	3/6/2006 9:56:00PM	1.5	1.5	ug/L	U

Total Parameters Monitored: 75

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Facility Name: Trail Ridge Landfill

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 33628

WACS Testsite ID #: 17196

WACS Testsite Name: MWB19D

Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

Sample Date/Time: 2/22/2006 8:36:00AM

Sampling Method: Unknown

Permitted Well Type: CO - Compliance

* Well Purged prior to Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/7/2006 6:24:00PM	0.63	0.63	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	3/7/2006 6:24:00PM	0.46	0.46	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/7/2006 6:24:00PM	0.14	0.14	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	3/7/2006 6:24:00PM	0.47	0.47	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	3/7/2006 6:24:00PM	0.52	0.52	ug/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	3/7/2006 6:24:00PM	0.45	0.45	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	3/7/2006 6:24:00PM	0.15	0.15	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/7/2006 4:44:00PM	0.0031	0.0031	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	3/7/2006 6:24:00PM	0.44	0.44	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	3/7/2006 6:24:00PM	0.57	0.57	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	3/7/2006 6:24:00PM	0.52	0.52	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	3/7/2006 6:24:00PM	0.52	0.52	ug/L	U
077103	2-Hexanone	N	E84282	8260B	3/7/2006 6:24:00PM	4.4	4.4	ug/L	U
[illegible]596	4-Methyl-2-pentanone	N	E84282	8260B	3/7/2006 6:24:00PM	3.8	3.8	ug/L	U
[illegible]552	Acetone	N	E84282	8260B	3/7/2006 6:24:00PM	9.9	9.9	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	3/7/2006 6:24:00PM	1.2	1.2	ug/L	U
000610	Ammonia	N	E84282	350.1	2/27/2006 10:43:00AM	0.11	0.04	mg/L	
001097	Antimony	N	E84282	200.7 Rev 4.4	3/6/2006 9:40:00AM	3.6	3.6	ug/L	U
001002	Arsenic	N	E84282	200.7 Rev 4.4	3/6/2006 9:40:00AM	4.8	4.8	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	3/6/2006 9:40:00AM	110	1.2	ug/L	
078124	Benzene	N	E84282	8260B	3/7/2006 6:24:00PM	0.27	0.27	ug/L	U
001012	Beryllium	N	E84282	200.7 Rev 4.4	3/6/2006 9:40:00AM	0.74	0.74	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	3/7/2006 6:24:00PM	0.58	0.58	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	3/7/2006 6:24:00PM	0.35	0.35	ug/L	U
032104	Bromoform	N	E84282	8260B	3/7/2006 6:24:00PM	0.58	0.58	ug/L	U
034413	Bromomethane	N	E84282	8260B	3/7/2006 6:24:00PM	0.66	0.66	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	3/6/2006 9:40:00AM	0.71	0.71	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	3/7/2006 6:24:00PM	0.85	0.85	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	3/7/2006 6:24:00PM	0.42	0.42	ug/L	U
000940	Chloride	N	E84282	325.2	2/27/2006 2:09:00PM	5.7	0.9	mg/L	
034301	Chlorobenzene	N	E84282	8260B	3/7/2006 6:24:00PM	0.63	0.63	ug/L	U
034311	Chloroethane	N	E84282	8260B	3/7/2006 6:24:00PM	0.8	0.8	ug/L	U
032106	Chloroform	N	E84282	8260B	3/7/2006 6:24:00PM	0.9	0.9	ug/L	U
034418	Chloromethane	N	E84282	8260B	3/7/2006 6:24:00PM	0.64	0.64	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	3/6/2006 9:40:00AM	5.8	1.7	ug/L	I
077093	cis-1,2-Dichloroethene	N	E84282	8260B	3/7/2006 6:24:00PM	0.65	0.65	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	3/7/2006 6:24:00PM	0.14	0.14	ug/L	U
001037	Cobalt	N	E84282	200.7 Rev 4.4	3/6/2006 9:40:00AM	1.6	1.6	ug/L	U
001042	Copper	N	E84282	200.7 Rev 4.4	3/6/2006 9:40:00AM	2.9	2.9	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	3/7/2006 6:24:00PM	0.34	0.34	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	3/7/2006 6:24:00PM	0.44	0.44	ug/L	U
077651	Ethylene Dibromide	N	E84282	504.1	3/7/2006 4:44:00PM	0.009	0.009	ug/L	U
[illegible]406	Field pH	N	E84282	Field Sampling	2/22/2006 8:36:00AM	7.26		SU	
[illegible]10	Field Temperature	N	E84282	Field Sampling	2/22/2006 8:36:00AM	21.6		Degrees C	

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 17196
WACS Testsite Name: MWB19D
Water Classification: G-II
(MSWLC - Leachate, G-II, SW-IIIF)

Sample Date/Time: 2/22/2006 8:36:00AM
Sampling Method: Unknown
Permitted Well Type: CO - Compliance

* Well Purged prior to Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
077424	Iodomethane	N	E84282	8260B	3/7/2006 6:24:00PM	0.67	0.67	ug/L	U
001045	Iron	N	E84282	200.7 Rev 4.4	3/6/2006 9:40:00AM	2600	22	ug/L	
001051	Lead	N	E84282	200.7 Rev 4.4	3/6/2006 9:40:00AM	1.6	1.6	ug/L	U
071900	Mercury	N	E84282	245.1	3/2/2006 11:32:00AM	0.072	0.072	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	3/7/2006 6:24:00PM	8.4	8.4	ug/L	U
077596	Methylene bromide	N	E84282	8260B	3/7/2006 6:24:00PM	0.41	0.41	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	3/7/2006 6:24:00PM	4	4	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	3/6/2006 9:40:00AM	4.7	4.7	ug/L	U
000620	Nitrate Nitrogen	N	E84282	353.2	2/24/2006 7:45:00AM	0.011	0.01	mg/L	I
000299	Oxygen, Dissolved	N	E84282	Field Sampling	2/22/2006 8:36:00AM	0.8		mg/L	
001147	Selenium	N	E84282	200.7 Rev 4.4	3/6/2006 9:40:00AM	5.9	5.9	ug/L	U
001077	Silver	N	E84282	200.7 Rev 4.4	3/6/2006 9:40:00AM	1.9	1.9	ug/L	U
000929	Sodium	N	E84282	200.7 Rev 4.4	3/6/2006 9:40:00AM	4.6	0.31	mg/L	
000094	Specific Conductance	N	E84282	Field Sampling	2/22/2006 8:36:00AM	321		umhos/cm	
077128	Styrene	N	E84282	8260B	3/7/2006 6:24:00PM	0.98	0.98	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	3/7/2006 6:24:00PM	0.34	0.34	ug/L	U
001059	Thallium	N	E87052	200.8	3/3/2006 3:10:00AM	0.61	0.25	ug/L	I
034010	Toluene	N	E84282	8260B	3/7/2006 6:24:00PM	0.51	0.51	ug/L	U
070300	Total Dissolved Solids	N	E84282	160.1	2/24/2006 3:55:00PM	170	5	mg/L	
034546	trans-1,2-Dichloroethene	N	E84282	8260B	3/7/2006 6:24:00PM	0.44	0.44	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	3/7/2006 6:24:00PM	0.14	0.14	ug/L	U
[illegible]263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/7/2006 6:24:00PM	2.5	2.5	ug/L	U
[illegible]180	Trichloroethene	N	E84282	8260B	3/7/2006 6:24:00PM	0.28	0.28	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	3/7/2006 6:24:00PM	0.98	0.98	ug/L	U
082079	Turbidity	N	E84282	Field Sampling	2/22/2006 8:36:00AM	12.7		NTU	
001087	Vanadium	N	E84282	200.7 Rev 4.4	3/6/2006 9:40:00AM	7.6	2.5	ug/L	I
077057	Vinyl acetate	N	E84282	8260B	3/7/2006 6:24:00PM	1.5	1.5	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	3/7/2006 6:24:00PM	0.5	0.5	ug/L	U
072020	Water Level	N	E84282	Field Sampling	2/22/2006 8:36:00AM	121.21		ft	
081551	Xylenes, Total	N	E84282	8260B	3/7/2006 6:24:00PM	0.3	0.3	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	3/6/2006 9:40:00AM	5.9	5.9	ug/L	U

Total Parameters Monitored: 75

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

Facility Name: Trail Ridge Landfill

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 33628

WACS Testsite ID #: 17205

WACS Testsite Name: MWB27D

Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

Sample Date/Time: 2/22/2006 12:13:00PM

Sampling Method: Unknown

Permitted Well Type: CO - Compliance

* Well Purged prior to Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/7/2006 8:53:00PM	0.63	0.63	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	3/7/2006 8:53:00PM	0.46	0.46	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/7/2006 8:53:00PM	0.14	0.14	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	3/7/2006 8:53:00PM	0.47	0.47	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	3/7/2006 8:53:00PM	0.52	0.52	ug/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	3/7/2006 8:53:00PM	0.45	0.45	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	3/7/2006 8:53:00PM	0.15	0.15	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/7/2006 10:32:00PM	0.0031	0.0031	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	3/7/2006 8:53:00PM	0.44	0.44	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	3/7/2006 8:53:00PM	0.57	0.57	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	3/7/2006 8:53:00PM	0.52	0.52	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	3/7/2006 8:53:00PM	0.52	0.52	ug/L	U
077103	2-Hexanone	N	E84282	8260B	3/7/2006 8:53:00PM	4.4	4.4	ug/L	U
[illegible]596	4-Methyl-2-pentanone	N	E84282	8260B	3/7/2006 8:53:00PM	3.8	3.8	ug/L	U
[illegible]552	Acetone	N	E84282	8260B	3/7/2006 8:53:00PM	9.9	9.9	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	3/7/2006 8:53:00PM	1.2	1.2	ug/L	U
000610	Ammonia	N	E84282	350.1	2/27/2006 10:43:00AM	0.064	0.04	mg/L	
001097	Antimony	N	E84282	200.7 Rev 4.4	3/6/2006 10:42:00AM	3.6	3.6	ug/L	U
001002	Arsenic	N	E84282	200.7 Rev 4.4	3/6/2006 10:42:00AM	4.8	4.8	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	3/6/2006 10:42:00AM	55	1.2	ug/L	
078124	Benzene	N	E84282	8260B	3/7/2006 8:53:00PM	0.27	0.27	ug/L	U
001012	Beryllium	N	E84282	200.7 Rev 4.4	3/6/2006 10:42:00AM	0.74	0.74	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	3/7/2006 8:53:00PM	0.58	0.58	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	3/7/2006 8:53:00PM	0.35	0.35	ug/L	U
032104	Bromoform	N	E84282	8260B	3/7/2006 8:53:00PM	0.58	0.58	ug/L	U
034413	Bromomethane	N	E84282	8260B	3/7/2006 8:53:00PM	0.66	0.66	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	3/6/2006 10:42:00AM	0.71	0.71	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	3/7/2006 8:53:00PM	0.85	0.85	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	3/7/2006 8:53:00PM	0.42	0.42	ug/L	U
000940	Chloride	N	E84282	325.2	2/28/2006 12:40:00PM	5.3	0.9	mg/L	
034301	Chlorobenzene	N	E84282	8260B	3/7/2006 8:53:00PM	0.63	0.63	ug/L	U
034311	Chloroethane	N	E84282	8260B	3/7/2006 8:53:00PM	0.8	0.8	ug/L	U
032106	Chloroform	N	E84282	8260B	3/7/2006 8:53:00PM	0.9	0.9	ug/L	U
034418	Chloromethane	N	E84282	8260B	3/7/2006 8:53:00PM	0.64	0.64	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	3/6/2006 10:42:00AM	1.7	1.7	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	3/7/2006 8:53:00PM	0.65	0.65	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	3/7/2006 8:53:00PM	0.14	0.14	ug/L	U
001037	Cobalt	N	E84282	200.7 Rev 4.4	3/6/2006 10:42:00AM	1.6	1.6	ug/L	U
001042	Copper	N	E84282	200.7 Rev 4.4	3/6/2006 10:42:00AM	2.9	2.9	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	3/7/2006 8:53:00PM	0.34	0.34	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	3/7/2006 8:53:00PM	0.44	0.44	ug/L	U
077651	Ethylene Dibromide	N	E84282	504.1	3/7/2006 10:32:00PM	0.0091	0.0091	ug/L	U
[illegible]406	Field pH	N	E84282	Field Sampling	2/22/2006 12:13:00PM	5.83		SU	
[illegible]10	Field Temperature	N	E84282	Field Sampling	2/22/2006 12:13:00PM	19.7		Degrees C	

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 17205
WACS Testsite Name: MWB27D
[redacted]ter Classification: G-II
(LC - Leachate, G-II, SW-IIIF)

Sample Date/Time: 2/22/2006 12:13:00PM
Sampling Method: Unknown
Permitted Well Type: CO - Compliance

* Well Purged prior to Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
077424	Iodomethane	N	E84282	8260B	3/7/2006 8:53:00PM	0.67	0.67	ug/L	U
001045	Iron	N	E84282	200.7 Rev 4.4	3/6/2006 10:42:00AM	870	22	ug/L	
001051	Lead	N	E84282	200.7 Rev 4.4	3/6/2006 10:42:00AM	1.6	1.6	ug/L	U
071900	Mercury	N	E84282	245.1	3/2/2006 11:55:00AM	0.072	0.072	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	3/7/2006 8:53:00PM	8.4	8.4	ug/L	U
077596	Methylene bromide	N	E84282	8260B	3/7/2006 8:53:00PM	0.41	0.41	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	3/7/2006 8:53:00PM	4	4	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	3/6/2006 10:42:00AM	4.7	4.7	ug/L	U
000620	Nitrate Nitrogen	N	E84282	353.2	2/24/2006 7:45:00AM	0.013	0.01	mg/L	I
000299	Oxygen, Dissolved	N	E84282	Field Sampling	2/22/2006 12:13:00PM	1.1		mg/L	
001147	Selenium	N	E84282	200.7 Rev 4.4	3/6/2006 10:42:00AM	5.9	5.9	ug/L	U
001077	Silver	N	E84282	200.7 Rev 4.4	3/6/2006 10:42:00AM	1.9	1.9	ug/L	U
000929	Sodium	N	E84282	200.7 Rev 4.4	3/6/2006 10:42:00AM	3.6	0.31	mg/L	
000094	Specific Conductance	N	E84282	Field Sampling	2/22/2006 12:13:00PM	89		umhos/cm	
077128	Styrene	N	E84282	8260B	3/7/2006 8:53:00PM	0.98	0.98	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	3/7/2006 8:53:00PM	0.34	0.34	ug/L	U
001059	Thallium	N	E87052	200.8	3/3/2006 4:58:00AM	0.25	0.25	ug/L	U
034010	Toluene	N	E84282	8260B	3/7/2006 8:53:00PM	0.51	0.51	ug/L	U
070300	Total Dissolved Solids	N	E84282	160.1	2/24/2006 3:55:00PM	30	5	mg/L	
034546	trans-1,2-Dichloroethene	N	E84282	8260B	3/7/2006 8:53:00PM	0.44	0.44	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	3/7/2006 8:53:00PM	0.14	0.14	ug/L	U
[redacted]263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/7/2006 8:53:00PM	2.5	2.5	ug/L	U
[redacted]9180	Trichloroethene	N	E84282	8260B	3/7/2006 8:53:00PM	0.28	0.28	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	3/7/2006 8:53:00PM	0.98	0.98	ug/L	U
082079	Turbidity	N	E84282	Field Sampling	2/22/2006 12:13:00PM	0.8		NTU	
001087	Vanadium	N	E84282	200.7 Rev 4.4	3/6/2006 10:42:00AM	2.5	2.5	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	3/7/2006 8:53:00PM	1.5	1.5	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	3/7/2006 8:53:00PM	0.5	0.5	ug/L	U
072020	Water Level	N	E84282	Field Sampling	2/22/2006 12:13:00PM	121.78		ft	
081551	Xylenes, Total	N	E84282	8260B	3/7/2006 8:53:00PM	0.3	0.3	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	3/6/2006 10:42:00AM	5.9	5.9	ug/L	U

Total Parameters Monitored: 75

[redacted]

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Facility Name: Trail Ridge Landfill

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 33628

WACS Testsite ID #: 17207

WACS Testsite Name: MWB27S

Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

Sample Date/Time: 2/22/2006 12:32:00PM

Sampling Method: Unknown

Permitted Well Type: CO - Compliance

* Well Purged prior to Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/7/2006 9:18:00PM	0.63	0.63	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	3/7/2006 9:18:00PM	0.46	0.46	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/7/2006 9:18:00PM	0.14	0.14	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	3/7/2006 9:18:00PM	0.47	0.47	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	3/7/2006 9:18:00PM	0.52	0.52	ug/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	3/7/2006 9:18:00PM	0.45	0.45	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	3/7/2006 9:18:00PM	0.15	0.15	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/7/2006 10:56:00PM	0.0031	0.0031	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	3/7/2006 9:18:00PM	0.44	0.44	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	3/7/2006 9:18:00PM	0.57	0.57	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	3/7/2006 9:18:00PM	0.52	0.52	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	3/7/2006 9:18:00PM	0.52	0.52	ug/L	U
[illegible]103	2-Hexanone	N	E84282	8260B	3/7/2006 9:18:00PM	4.4	4.4	ug/L	U
[illegible]596	4-Methyl-2-pentanone	N	E84282	8260B	3/7/2006 9:18:00PM	3.8	3.8	ug/L	U
[illegible]1552	Acetone	N	E84282	8260B	3/7/2006 9:18:00PM	9.9	9.9	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	3/7/2006 9:18:00PM	1.2	1.2	ug/L	U
000610	Ammonia	N	E84282	350.1	2/27/2006 10:43:00AM	0.055	0.04	mg/L	
001097	Antimony	N	E84282	200.7 Rev 4.4	3/6/2006 10:48:00AM	3.6	3.6	ug/L	U
001002	Arsenic	N	E84282	200.7 Rev 4.4	3/6/2006 10:48:00AM	4.8	4.8	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	3/6/2006 10:48:00AM	9.5	1.2	ug/L	I
078124	Benzene	N	E84282	8260B	3/7/2006 9:18:00PM	0.27	0.27	ug/L	U
001012	Beryllium	N	E84282	200.7 Rev 4.4	3/6/2006 10:48:00AM	0.74	0.74	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	3/7/2006 9:18:00PM	0.58	0.58	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	3/7/2006 9:18:00PM	0.35	0.35	ug/L	U
032104	Bromoform	N	E84282	8260B	3/7/2006 9:18:00PM	0.58	0.58	ug/L	U
034413	Bromomethane	N	E84282	8260B	3/7/2006 9:18:00PM	0.66	0.66	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	3/6/2006 10:48:00AM	0.71	0.71	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	3/7/2006 9:18:00PM	0.85	0.85	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	3/7/2006 9:18:00PM	0.42	0.42	ug/L	U
000940	Chloride	N	E84282	325.2	2/28/2006 12:40:00PM	5.1	0.9	mg/L	
034301	Chlorobenzene	N	E84282	8260B	3/7/2006 9:18:00PM	0.63	0.63	ug/L	U
034311	Chloroethane	N	E84282	8260B	3/7/2006 9:18:00PM	0.8	0.8	ug/L	U
032106	Chloroform	N	E84282	8260B	3/7/2006 9:18:00PM	0.9	0.9	ug/L	U
034418	Chloromethane	N	E84282	8260B	3/7/2006 9:18:00PM	0.64	0.64	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	3/6/2006 10:48:00AM	1.7	1.7	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	3/7/2006 9:18:00PM	0.65	0.65	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	3/7/2006 9:18:00PM	0.14	0.14	ug/L	U
001037	Cobalt	N	E84282	200.7 Rev 4.4	3/6/2006 10:48:00AM	1.6	1.6	ug/L	U
001042	Copper	N	E84282	200.7 Rev 4.4	3/6/2006 10:48:00AM	2.9	2.9	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	3/7/2006 9:18:00PM	0.34	0.34	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	3/7/2006 9:18:00PM	0.44	0.44	ug/L	U
077651	Ethylene Dibromide	N	E84282	504.1	3/7/2006 10:56:00PM	0.0091	0.0091	ug/L	U
[illegible]06	Field pH	N	E84282	Field Sampling	2/22/2006 12:32:00PM	4.73		SU	
[illegible]010	Field Temperature	N	E84282	Field Sampling	2/22/2006 12:32:00PM	18.3		Degrees C	

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 17207
WACS Testsite Name: MWB27S
[redacted]ter Classification: G-II
LC - Leachate, G-II, SW-IIIF)

Sample Date/Time: 2/22/2006 12:32:00PM
Sampling Method: Unknown
Permitted Well Type: CO - Compliance

* Well Purged prior to Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
077424	Iodomethane	N	E84282	8260B	3/7/2006 9:18:00PM	0.67	0.67	ug/L	U
001045	Iron	N	E84282	200.7 Rev 4.4	3/6/2006 10:48:00AM	53	22	ug/L	
001051	Lead	N	E84282	200.7 Rev 4.4	3/6/2006 10:48:00AM	1.6	1.6	ug/L	U
071900	Mercury	N	E84282	245.1	3/2/2006 11:57:00AM	0.072	0.072	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	3/7/2006 9:18:00PM	8.4	8.4	ug/L	U
077596	Methylene bromide	N	E84282	8260B	3/7/2006 9:18:00PM	0.41	0.41	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	3/7/2006 9:18:00PM	4	4	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	3/6/2006 10:48:00AM	4.7	4.7	ug/L	U
000620	Nitrate Nitrogen	N	E84282	353.2	2/24/2006 7:45:00AM	0.091	0.01	mg/L	
000299	Oxygen, Dissolved	N	E84282	Field Sampling	2/22/2006 12:32:00PM	1.3		mg/L	
001147	Selenium	N	E84282	200.7 Rev 4.4	3/6/2006 10:48:00AM	5.9	5.9	ug/L	U
001077	Silver	N	E84282	200.7 Rev 4.4	3/6/2006 10:48:00AM	1.9	1.9	ug/L	U
000929	Sodium	N	E84282	200.7 Rev 4.4	3/6/2006 10:48:00AM	2.4	0.31	mg/L	
000094	Specific Conductance	N	E84282	Field Sampling	2/22/2006 12:32:00PM	51		umhos/cm	
077128	Styrene	N	E84282	8260B	3/7/2006 9:18:00PM	0.98	0.98	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	3/7/2006 9:18:00PM	0.34	0.34	ug/L	U
001059	Thallium	N	E87052	200.8	3/3/2006 5:05:00AM	0.25	0.25	ug/L	U
034010	Toluene	N	E84282	8260B	3/7/2006 9:18:00PM	0.51	0.51	ug/L	U
070300	Total Dissolved Solids	N	E84282	160.1	2/24/2006 3:55:00PM	16	5	mg/L	
034546	trans-1,2-Dichloroethene	N	E84282	8260B	3/7/2006 9:18:00PM	0.44	0.44	ug/L	U
[redacted]4699	trans-1,3-Dichloropropene	N	E84282	8260B	3/7/2006 9:18:00PM	0.14	0.14	ug/L	U
[redacted]263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/7/2006 9:18:00PM	2.5	2.5	ug/L	U
[redacted]9180	Trichloroethene	N	E84282	8260B	3/7/2006 9:18:00PM	0.28	0.28	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	3/7/2006 9:18:00PM	0.98	0.98	ug/L	U
082079	Turbidity	N	E84282	Field Sampling	2/22/2006 12:32:00PM	9.2		NTU	
001087	Vanadium	N	E84282	200.7 Rev 4.4	3/6/2006 10:48:00AM	5.8	2.5	ug/L	I
077057	Vinyl acetate	N	E84282	8260B	3/7/2006 9:18:00PM	1.5	1.5	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	3/7/2006 9:18:00PM	0.5	0.5	ug/L	U
072020	Water Level	N	E84282	Field Sampling	2/22/2006 12:32:00PM	121.68		ft	
081551	Xylenes, Total	N	E84282	8260B	3/7/2006 9:18:00PM	0.3	0.3	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	3/6/2006 10:48:00AM	5.9	5.9	ug/L	U

Total Parameters Monitored: 75

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Facility Name: Trail Ridge Landfill

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 33628

WACS Testsite ID #: 20105

WACS Testsite Name: MWB29I

Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

Sample Date/Time: 2/22/2006 1:20:00PM

Sampling Method: Unknown

Permitted Well Type: CO - Compliance

* Well Purged prior to Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/7/2006 9:42:00PM	0.63	0.63	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	3/7/2006 9:42:00PM	0.46	0.46	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/7/2006 9:42:00PM	0.14	0.14	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	3/7/2006 9:42:00PM	0.47	0.47	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	3/7/2006 9:42:00PM	0.52	0.52	ug/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	3/7/2006 9:42:00PM	0.45	0.45	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	3/7/2006 9:42:00PM	0.15	0.15	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/7/2006 11:42:00PM	0.0031	0.0031	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	3/7/2006 9:42:00PM	0.44	0.44	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	3/7/2006 9:42:00PM	0.57	0.57	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	3/7/2006 9:42:00PM	0.52	0.52	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	3/7/2006 9:42:00PM	0.52	0.52	ug/L	U
077103	2-Hexanone	N	E84282	8260B	3/7/2006 9:42:00PM	4.4	4.4	ug/L	U
096	4-Methyl-2-pentanone	N	E84282	8260B	3/7/2006 9:42:00PM	3.8	3.8	ug/L	U
1552	Acetone	N	E84282	8260B	3/7/2006 9:42:00PM	9.9	9.9	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	3/7/2006 9:42:00PM	1.2	1.2	ug/L	U
000610	Ammonia	N	E84282	350.1	2/27/2006 10:43:00AM	0.04	0.04	mg/L	U
001097	Antimony	N	E84282	200.7 Rev 4.4	3/6/2006 10:53:00AM	3.6	3.6	ug/L	U
001002	Arsenic	N	E84282	200.7 Rev 4.4	3/6/2006 10:53:00AM	4.8	4.8	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	3/6/2006 10:53:00AM	50	1.2	ug/L	
078124	Benzene	N	E84282	8260B	3/7/2006 9:42:00PM	0.27	0.27	ug/L	U
001012	Beryllium	N	E84282	200.7 Rev 4.4	3/6/2006 10:53:00AM	0.74	0.74	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	3/7/2006 9:42:00PM	0.58	0.58	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	3/7/2006 9:42:00PM	0.35	0.35	ug/L	U
032104	Bromoform	N	E84282	8260B	3/7/2006 9:42:00PM	0.58	0.58	ug/L	U
034413	Bromomethane	N	E84282	8260B	3/7/2006 9:42:00PM	0.66	0.66	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	3/6/2006 10:53:00AM	0.71	0.71	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	3/7/2006 9:42:00PM	0.85	0.85	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	3/7/2006 9:42:00PM	0.42	0.42	ug/L	U
000940	Chloride	N	E84282	325.2	2/28/2006 12:40:00PM	5.5	0.9	mg/L	
034301	Chlorobenzene	N	E84282	8260B	3/7/2006 9:42:00PM	0.63	0.63	ug/L	U
034311	Chloroethane	N	E84282	8260B	3/7/2006 9:42:00PM	0.8	0.8	ug/L	U
032106	Chloroform	N	E84282	8260B	3/7/2006 9:42:00PM	0.9	0.9	ug/L	U
034418	Chloromethane	N	E84282	8260B	3/7/2006 9:42:00PM	0.64	0.64	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	3/6/2006 10:53:00AM	1.8	1.7	ug/L	I
077093	cis-1,2-Dichloroethene	N	E84282	8260B	3/7/2006 9:42:00PM	0.65	0.65	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	3/7/2006 9:42:00PM	0.14	0.14	ug/L	U
001037	Cobalt	N	E84282	200.7 Rev 4.4	3/6/2006 10:53:00AM	1.6	1.6	ug/L	U
001042	Copper	N	E84282	200.7 Rev 4.4	3/6/2006 10:53:00AM	2.9	2.9	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	3/7/2006 9:42:00PM	0.34	0.34	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	3/7/2006 9:42:00PM	0.44	0.44	ug/L	U
077651	Ethylene Dibromide	N	E84282	504.1	3/7/2006 11:42:00PM	0.0091	0.0091	ug/L	U
106	Field pH	N	E84282	Field Sampling	2/22/2006 1:20:00PM	5.12		SU	
010	Field Temperature	N	E84282	Field Sampling	2/22/2006 1:20:00PM	21.2		Degrees C	

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 20105
WACS Testsite Name: MWB29I
Water Classification: G-II
(C - Leachate, G-II, SW-IIIF)
* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 2/22/2006 1:20:00PM
Sampling Method: Unknown
Permitted Well Type: CO - Compliance

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
077424	Iodomethane	N	E84282	8260B	3/7/2006 9:42:00PM	0.67	0.67	ug/L	U
001045	Iron	N	E84282	200.7 Rev 4.4	3/6/2006 10:53:00AM	500	22	ug/L	
001051	Lead	N	E84282	200.7 Rev 4.4	3/6/2006 10:53:00AM	1.6	1.6	ug/L	U
071900	Mercury	N	E84282	245.1	3/2/2006 11:59:00AM	0.072	0.072	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	3/7/2006 9:42:00PM	8.4	8.4	ug/L	U
077596	Methylene bromide	N	E84282	8260B	3/7/2006 9:42:00PM	0.41	0.41	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	3/7/2006 9:42:00PM	4	4	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	3/6/2006 10:53:00AM	4.7	4.7	ug/L	U
000620	Nitrate Nitrogen	N	E84282	353.2	2/24/2006 7:45:00AM	0.01	0.01	mg/L	U
000299	Oxygen, Dissolved	N	E84282	Field Sampling	2/22/2006 1:20:00PM	1		mg/L	
001147	Selenium	N	E84282	200.7 Rev 4.4	3/6/2006 10:53:00AM	5.9	5.9	ug/L	U
001077	Silver	N	E84282	200.7 Rev 4.4	3/6/2006 10:53:00AM	1.9	1.9	ug/L	U
000929	Sodium	N	E84282	200.7 Rev 4.4	3/6/2006 10:53:00AM	3.3	0.31	mg/L	
000094	Specific Conductance	N	E84282	Field Sampling	2/22/2006 1:20:00PM	41		umhos/cm	
077128	Styrene	N	E84282	8260B	3/7/2006 9:42:00PM	0.98	0.98	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	3/7/2006 9:42:00PM	0.34	0.34	ug/L	U
001059	Thallium	N	E87052	200.8	3/3/2006 5:41:00AM	0.25	0.25	ug/L	U
034010	Toluene	N	E84282	8260B	3/7/2006 9:42:00PM	0.51	0.51	ug/L	U
070300	Total Dissolved Solids	N	E84282	160.1	3/31/2006 4:25:00PM	28	5	mg/L	Q
034546	trans-1,2-Dichloroethene	N	E84282	8260B	3/7/2006 9:42:00PM	0.44	0.44	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	3/7/2006 9:42:00PM	0.14	0.14	ug/L	U
[redacted]263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/7/2006 9:42:00PM	2.5	2.5	ug/L	U
[redacted]180	Trichloroethene	N	E84282	8260B	3/7/2006 9:42:00PM	0.28	0.28	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	3/7/2006 9:42:00PM	0.98	0.98	ug/L	U
082079	Turbidity	N	E84282	Field Sampling	2/22/2006 1:20:00PM	13.3		NTU	
001087	Vanadium	N	E84282	200.7 Rev 4.4	3/6/2006 10:53:00AM	2.5	2.5	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	3/7/2006 9:42:00PM	1.5	1.5	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	3/7/2006 9:42:00PM	0.5	0.5	ug/L	U
072020	Water Level	N	E84282	Field Sampling	2/22/2006 1:20:00PM	131.62		ft	
081551	Xylenes, Total	N	E84282	8260B	3/7/2006 9:42:00PM	0.3	0.3	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	3/6/2006 10:53:00AM	5.9	5.9	ug/L	U

Total Parameters Monitored: 75

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

Facility Name: Trail Ridge Landfill

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 33628

WACS Testsite ID #: 20106

WACS Testsite Name: MWB29D

Water Classification: G-II
(I.e.: LC - Leachate, G-II, SW-IIIF)

Sample Date/Time: 2/22/2006 1:36:00PM

Sampling Method: Unknown

Permitted Well Type: CO - Compliance

* Well Purged prior to Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/7/2006 10:07:00PM	0.63	0.63	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	3/7/2006 10:07:00PM	0.46	0.46	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/7/2006 10:07:00PM	0.14	0.14	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	3/7/2006 10:07:00PM	0.47	0.47	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	3/7/2006 10:07:00PM	0.52	0.52	ug/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	3/7/2006 10:07:00PM	0.45	0.45	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	3/7/2006 10:07:00PM	0.15	0.15	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/8/2006 12:05:00AM	0.0031	0.0031	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	3/7/2006 10:07:00PM	0.44	0.44	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	3/7/2006 10:07:00PM	0.57	0.57	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	3/7/2006 10:07:00PM	0.52	0.52	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	3/7/2006 10:07:00PM	0.52	0.52	ug/L	U
077103	2-Hexanone	N	E84282	8260B	3/7/2006 10:07:00PM	4.4	4.4	ug/L	U
[illegible]596	4-Methyl-2-pentanone	N	E84282	8260B	3/7/2006 10:07:00PM	3.8	3.8	ug/L	U
[illegible]552	Acetone	N	E84282	8260B	3/7/2006 10:07:00PM	9.9	9.9	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	3/7/2006 10:07:00PM	1.2	1.2	ug/L	U
000610	Ammonia	N	E84282	350.1	2/27/2006 10:43:00AM	0.08	0.04	mg/L	
001097	Antimony	N	E84282	200.7 Rev 4.4	3/6/2006 11:13:00AM	3.6	3.6	ug/L	U
001002	Arsenic	N	E84282	200.7 Rev 4.4	3/6/2006 11:13:00AM	4.8	4.8	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	3/6/2006 11:13:00AM	54	1.2	ug/L	
078124	Benzene	N	E84282	8260B	3/7/2006 10:07:00PM	0.27	0.27	ug/L	U
001012	Beryllium	N	E84282	200.7 Rev 4.4	3/6/2006 11:13:00AM	0.74	0.74	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	3/7/2006 10:07:00PM	0.58	0.58	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	3/7/2006 10:07:00PM	0.35	0.35	ug/L	U
032104	Bromoform	N	E84282	8260B	3/7/2006 10:07:00PM	0.58	0.58	ug/L	U
034413	Bromomethane	N	E84282	8260B	3/7/2006 10:07:00PM	0.66	0.66	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	3/6/2006 11:13:00AM	0.71	0.71	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	3/7/2006 10:07:00PM	0.85	0.85	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	3/7/2006 10:07:00PM	0.42	0.42	ug/L	U
000940	Chloride	N	E84282	325.2	2/28/2006 12:40:00PM	5.8	0.9	mg/L	
034301	Chlorobenzene	N	E84282	8260B	3/7/2006 10:07:00PM	0.63	0.63	ug/L	U
034311	Chloroethane	N	E84282	8260B	3/7/2006 10:07:00PM	0.8	0.8	ug/L	U
032106	Chloroform	N	E84282	8260B	3/7/2006 10:07:00PM	0.9	0.9	ug/L	U
034418	Chloromethane	N	E84282	8260B	3/7/2006 10:07:00PM	0.64	0.64	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	3/6/2006 11:13:00AM	1.7	1.7	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	3/7/2006 10:07:00PM	0.65	0.65	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	3/7/2006 10:07:00PM	0.14	0.14	ug/L	U
001037	Cobalt	N	E84282	200.7 Rev 4.4	3/6/2006 11:13:00AM	1.6	1.6	ug/L	U
001042	Copper	N	E84282	200.7 Rev 4.4	3/6/2006 11:13:00AM	2.9	2.9	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	3/7/2006 10:07:00PM	0.34	0.34	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	3/7/2006 10:07:00PM	0.44	0.44	ug/L	U
077651	Ethylene Dibromide	N	E84282	504.1	3/8/2006 12:05:00AM	0.0089	0.0089	ug/L	U
[illegible]406	Field pH	N	E84282	Field Sampling	2/22/2006 1:36:00PM	5.68		SU	
[illegible]10	Field Temperature	N	E84282	Field Sampling	2/22/2006 1:36:00PM	20		Degrees C	

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 20106
WACS Testsite Name: MWB29D
[redacted]ter Classification: G-II
C - Leachate, G-II, SW-IIIF)

Sample Date/Time: 2/22/2006 1:36:00PM
Sampling Method: Unknown
Permitted Well Type: CO - Compliance

* Well Purged prior to Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
077424	Iodomethane	N	E84282	8260B	3/7/2006 10:07:00PM	0.67	0.67	ug/L	U
001045	Iron	N	E84282	200.7 Rev 4.4	3/6/2006 11:13:00AM	830	22	ug/L	
001051	Lead	N	E84282	200.7 Rev 4.4	3/6/2006 11:13:00AM	1.6	1.6	ug/L	U
071900	Mercury	N	E84282	245.1	3/2/2006 12:01:00PM	0.072	0.072	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	3/7/2006 10:07:00PM	8.4	8.4	ug/L	U
077596	Methylene bromide	N	E84282	8260B	3/7/2006 10:07:00PM	0.41	0.41	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	3/7/2006 10:07:00PM	4	4	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	3/6/2006 11:13:00AM	4.7	4.7	ug/L	U
000620	Nitrate Nitrogen	N	E84282	353.2	2/24/2006 7:45:00AM	0.01	0.01	mg/L	U
000299	Oxygen, Dissolved	N	E84282	Field Sampling	2/22/2006 1:36:00PM	0.9		mg/L	
001147	Selenium	N	E84282	200.7 Rev 4.4	3/6/2006 11:13:00AM	5.9	5.9	ug/L	U
001077	Silver	N	E84282	200.7 Rev 4.4	3/6/2006 11:13:00AM	1.9	1.9	ug/L	U
000929	Sodium	N	E84282	200.7 Rev 4.4	3/6/2006 11:13:00AM	3.6	0.31	mg/L	
000094	Specific Conductance	N	E84282	Field Sampling	2/22/2006 1:36:00PM	66		umhos/cm	
077128	Styrene	N	E84282	8260B	3/7/2006 10:07:00PM	0.98	0.98	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	3/7/2006 10:07:00PM	0.34	0.34	ug/L	U
001059	Thallium	N	E87052	200.8	3/3/2006 5:49:00AM	0.25	0.25	ug/L	U
034010	Toluene	N	E84282	8260B	3/7/2006 10:07:00PM	0.51	0.51	ug/L	U
070300	Total Dissolved Solids	N	E84282	160.1	2/24/2006 3:55:00PM	24	5	mg/L	
034546	trans-1,2-Dichloroethene	N	E84282	8260B	3/7/2006 10:07:00PM	0.44	0.44	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	3/7/2006 10:07:00PM	0.14	0.14	ug/L	U
[redacted]263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/7/2006 10:07:00PM	2.5	2.5	ug/L	U
[redacted]180	Trichloroethene	N	E84282	8260B	3/7/2006 10:07:00PM	0.28	0.28	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	3/7/2006 10:07:00PM	0.98	0.98	ug/L	U
082079	Turbidity	N	E84282	Field Sampling	2/22/2006 1:36:00PM	1.3		NTU	
001087	Vanadium	N	E84282	200.7 Rev 4.4	3/6/2006 11:13:00AM	2.5	2.5	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	3/7/2006 10:07:00PM	1.5	1.5	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	3/7/2006 10:07:00PM	0.5	0.5	ug/L	U
072020	Water Level	N	E84282	Field Sampling	2/22/2006 1:36:00PM	131.6		ft	
081551	Xylenes, Total	N	E84282	8260B	3/7/2006 10:07:00PM	0.3	0.3	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	3/6/2006 11:13:00AM	5.9	5.9	ug/L	U

Total Parameters Monitored: 75

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

Facility Name: Trail Ridge Landfill

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 33628

WACS Testsite ID #: 20104

WACS Testsite Name: MWB29S

Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

Sample Date/Time: 2/22/2006 1:55:00PM

Sampling Method: Unknown

Permitted Well Type: CO - Compliance

* Well Purged prior to Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/7/2006 10:32:00PM	0.63	0.63	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	3/7/2006 10:32:00PM	0.46	0.46	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/7/2006 10:32:00PM	0.14	0.14	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	3/7/2006 10:32:00PM	0.47	0.47	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	3/7/2006 10:32:00PM	0.52	0.52	ug/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	3/7/2006 10:32:00PM	0.45	0.45	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	3/7/2006 10:32:00PM	0.15	0.15	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/8/2006 12:28:00AM	0.0032	0.0032	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	3/7/2006 10:32:00PM	0.44	0.44	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	3/7/2006 10:32:00PM	0.57	0.57	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	3/7/2006 10:32:00PM	0.52	0.52	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	3/7/2006 10:32:00PM	0.52	0.52	ug/L	U
077103	2-Hexanone	N	E84282	8260B	3/7/2006 10:32:00PM	4.4	4.4	ug/L	U
[illegible]596	4-Methyl-2-pentanone	N	E84282	8260B	3/7/2006 10:32:00PM	3.8	3.8	ug/L	U
[illegible]552	Acetone	N	E84282	8260B	3/7/2006 10:32:00PM	9.9	9.9	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	3/7/2006 10:32:00PM	1.2	1.2	ug/L	U
000610	Ammonia	N	E84282	350.1	2/27/2006 10:43:00AM	0.04	0.04	mg/L	U
001097	Antimony	N	E84282	200.7 Rev 4.4	3/6/2006 11:19:00AM	3.6	3.6	ug/L	U
001002	Arsenic	N	E84282	200.7 Rev 4.4	3/6/2006 11:19:00AM	4.8	4.8	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	3/6/2006 11:19:00AM	10	1.2	ug/L	
078124	Benzene	N	E84282	8260B	3/7/2006 10:32:00PM	0.27	0.27	ug/L	U
001012	Beryllium	N	E84282	200.7 Rev 4.4	3/6/2006 11:19:00AM	0.74	0.74	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	3/7/2006 10:32:00PM	0.58	0.58	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	3/7/2006 10:32:00PM	0.35	0.35	ug/L	U
032104	Bromoform	N	E84282	8260B	3/7/2006 10:32:00PM	0.58	0.58	ug/L	U
034413	Bromomethane	N	E84282	8260B	3/7/2006 10:32:00PM	0.66	0.66	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	3/6/2006 11:19:00AM	0.71	0.71	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	3/7/2006 10:32:00PM	0.85	0.85	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	3/7/2006 10:32:00PM	0.42	0.42	ug/L	U
000940	Chloride	N	E84282	325.2	2/28/2006 12:40:00PM	6.9	0.9	mg/L	
034301	Chlorobenzene	N	E84282	8260B	3/7/2006 10:32:00PM	0.63	0.63	ug/L	U
034311	Chloroethane	N	E84282	8260B	3/7/2006 10:32:00PM	0.8	0.8	ug/L	U
032106	Chloroform	N	E84282	8260B	3/7/2006 10:32:00PM	0.9	0.9	ug/L	U
034418	Chloromethane	N	E84282	8260B	3/7/2006 10:32:00PM	0.64	0.64	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	3/6/2006 11:19:00AM	1.7	1.7	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	3/7/2006 10:32:00PM	0.65	0.65	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	3/7/2006 10:32:00PM	0.14	0.14	ug/L	U
001037	Cobalt	N	E84282	200.7 Rev 4.4	3/6/2006 11:19:00AM	2.3	1.6	ug/L	I
001042	Copper	N	E84282	200.7 Rev 4.4	3/6/2006 11:19:00AM	2.9	2.9	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	3/7/2006 10:32:00PM	0.34	0.34	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	3/7/2006 10:32:00PM	0.44	0.44	ug/L	U
077651	Ethylene Dibromide	N	E84282	504.1	3/8/2006 12:28:00AM	0.0092	0.0092	ug/L	U
[illegible]406	Field pH	N	E84282	Field Sampling	2/22/2006 1:55:00PM	4.62		SU	
[illegible]10	Field Temperature	N	E84282	Field Sampling	2/22/2006 1:55:00PM	16.6		Degrees C	

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 20104
WACS Testsite Name: MWB29S
[redacted]ter Classification: G-II
C - Leachate, G-II, SW-IIIF)

Sample Date/Time: 2/22/2006 1:55:00PM
Sampling Method: Unknown
Permitted Well Type: CO - Compliance

* Well Purged prior to Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
077424	Iodomethane	N	E84282	8260B	3/7/2006 10:32:00PM	0.67	0.67	ug/L	U
001045	Iron	N	E84282	200.7 Rev 4.4	3/6/2006 11:19:00AM	350	22	ug/L	
001051	Lead	N	E84282	200.7 Rev 4.4	3/6/2006 11:19:00AM	1.6	1.6	ug/L	U
071900	Mercury	N	E84282	245.1	3/2/2006 12:03:00PM	0.072	0.072	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	3/7/2006 10:32:00PM	8.4	8.4	ug/L	U
077596	Methylene bromide	N	E84282	8260B	3/7/2006 10:32:00PM	0.41	0.41	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	3/7/2006 10:32:00PM	4	4	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	3/6/2006 11:19:00AM	4.7	4.7	ug/L	U
000620	Nitrate Nitrogen	N	E84282	353.2	2/24/2006 7:45:00AM	0.01	0.01	mg/L	U
000299	Oxygen, Dissolved	N	E84282	Field Sampling	2/22/2006 1:55:00PM	1.5		mg/L	
001147	Selenium	N	E84282	200.7 Rev 4.4	3/6/2006 11:19:00AM	5.9	5.9	ug/L	U
001077	Silver	N	E84282	200.7 Rev 4.4	3/6/2006 11:19:00AM	1.9	1.9	ug/L	U
000929	Sodium	N	E84282	200.7 Rev 4.4	3/6/2006 11:19:00AM	3.8	0.31	mg/L	
000094	Specific Conductance	N	E84282	Field Sampling	2/22/2006 1:55:00PM	44		umhos/cm	
077128	Styrene	N	E84282	8260B	3/7/2006 10:32:00PM	0.98	0.98	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	3/7/2006 10:32:00PM	0.34	0.34	ug/L	U
001059	Thallium	N	E87052	200.8	3/3/2006 5:56:00AM	0.25	0.25	ug/L	U
034010	Toluene	N	E84282	8260B	3/7/2006 10:32:00PM	0.51	0.51	ug/L	U
070300	Total Dissolved Solids	N	E84282	160.1	3/31/2006 4:25:00PM	38	5	mg/L	Q
034546	trans-1,2-Dichloroethene	N	E84282	8260B	3/7/2006 10:32:00PM	0.44	0.44	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	3/7/2006 10:32:00PM	0.14	0.14	ug/L	U
[redacted]63	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/7/2006 10:32:00PM	2.5	2.5	ug/L	U
[redacted]180	Trichloroethene	N	E84282	8260B	3/7/2006 10:32:00PM	0.28	0.28	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	3/7/2006 10:32:00PM	0.98	0.98	ug/L	U
082079	Turbidity	N	E84282	Field Sampling	2/22/2006 1:55:00PM	1.5		NTU	
001087	Vanadium	N	E84282	200.7 Rev 4.4	3/6/2006 11:19:00AM	2.5	2.5	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	3/7/2006 10:32:00PM	1.5	1.5	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	3/7/2006 10:32:00PM	0.5	0.5	ug/L	U
072020	Water Level	N	E84282	Field Sampling	2/22/2006 1:55:00PM	129.86		ft	
081551	Xylenes, Total	N	E84282	8260B	3/7/2006 10:32:00PM	0.3	0.3	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	3/6/2006 11:19:00AM	5.9	5.9	ug/L	U

Total Parameters Monitored: 75

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

Facility Name: Trail Ridge Landfill

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 33628
WACS Testsite ID #: 17180
WACS Testsite Name: MWB2I
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

Sample Date/Time: 2/22/2006 2:31:00PM
Sampling Method: Unknown
Permitted Well Type: BG - Background

* Well Purged prior to Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/7/2006 10:57:00PM	0.63	0.63	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	3/7/2006 10:57:00PM	0.46	0.46	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/7/2006 10:57:00PM	0.14	0.14	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	3/7/2006 10:57:00PM	0.47	0.47	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	3/7/2006 10:57:00PM	0.52	0.52	ug/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	3/7/2006 10:57:00PM	0.45	0.45	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	3/7/2006 10:57:00PM	0.15	0.15	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/8/2006 12:51:00AM	0.0031	0.0031	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	3/7/2006 10:57:00PM	0.44	0.44	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	3/7/2006 10:57:00PM	0.57	0.57	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	3/7/2006 10:57:00PM	0.52	0.52	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	3/7/2006 10:57:00PM	0.52	0.52	ug/L	U
077103	2-Hexanone	N	E84282	8260B	3/7/2006 10:57:00PM	4.4	4.4	ug/L	U
[illegible]596	4-Methyl-2-pentanone	N	E84282	8260B	3/7/2006 10:57:00PM	3.8	3.8	ug/L	U
[illegible]552	Acetone	N	E84282	8260B	3/7/2006 10:57:00PM	9.9	9.9	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	3/7/2006 10:57:00PM	1.2	1.2	ug/L	U
000610	Ammonia	N	E84282	350.1	2/27/2006 10:43:00AM	0.04	0.04	mg/L	U
001097	Antimony	N	E84282	200.7 Rev 4.4	3/6/2006 11:25:00AM	3.6	3.6	ug/L	U
001002	Arsenic	N	E84282	200.7 Rev 4.4	3/6/2006 11:25:00AM	4.8	4.8	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	3/6/2006 11:25:00AM	21	1.2	ug/L	
078124	Benzene	N	E84282	8260B	3/7/2006 10:57:00PM	0.27	0.27	ug/L	U
001012	Beryllium	N	E84282	200.7 Rev 4.4	3/6/2006 11:25:00AM	0.74	0.74	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	3/7/2006 10:57:00PM	0.58	0.58	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	3/7/2006 10:57:00PM	0.35	0.35	ug/L	U
032104	Bromoform	N	E84282	8260B	3/7/2006 10:57:00PM	0.58	0.58	ug/L	U
034413	Bromomethane	N	E84282	8260B	3/7/2006 10:57:00PM	0.66	0.66	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	3/6/2006 11:25:00AM	0.71	0.71	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	3/7/2006 10:57:00PM	0.85	0.85	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	3/7/2006 10:57:00PM	0.42	0.42	ug/L	U
000940	Chloride	N	E84282	325.2	2/28/2006 12:40:00PM	6.4	0.9	mg/L	
034301	Chlorobenzene	N	E84282	8260B	3/7/2006 10:57:00PM	0.63	0.63	ug/L	U
034311	Chloroethane	N	E84282	8260B	3/7/2006 10:57:00PM	0.8	0.8	ug/L	U
032106	Chloroform	N	E84282	8260B	3/7/2006 10:57:00PM	0.9	0.9	ug/L	U
034418	Chloromethane	N	E84282	8260B	3/7/2006 10:57:00PM	0.64	0.64	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	3/6/2006 11:25:00AM	1.7	1.7	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	3/7/2006 10:57:00PM	0.65	0.65	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	3/7/2006 10:57:00PM	0.14	0.14	ug/L	U
001037	Cobalt	N	E84282	200.7 Rev 4.4	3/6/2006 11:25:00AM	1.6	1.6	ug/L	U
001042	Copper	N	E84282	200.7 Rev 4.4	3/6/2006 11:25:00AM	2.9	2.9	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	3/7/2006 10:57:00PM	0.34	0.34	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	3/7/2006 10:57:00PM	0.44	0.44	ug/L	U
077651	Ethylene Dibromide	N	E84282	504.1	3/8/2006 12:51:00AM	0.009	0.009	ug/L	U
[illegible]06	Field pH	N	E84282	Field Sampling	2/22/2006 2:31:00PM	4.83		SU	
[illegible]10	Field Temperature	N	E84282	Field Sampling	2/22/2006 2:31:00PM	21.3		Degrees C	

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 17180
WACS Testsite Name: MWB2I
[redacted]ter Classification: G-II
C - Leachate, G-II, SW-IIIF)
* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 2/22/2006 2:31:00PM
Sampling Method: Unknown
Permitted Well Type: BG - Background

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
077424	Iodomethane	N	E84282	8260B	3/7/2006 10:57:00PM	0.67	0.67	ug/L	U
001045	Iron	N	E84282	200.7 Rev 4.4	3/6/2006 11:25:00AM	360	22	ug/L	
001051	Lead	N	E84282	200.7 Rev 4.4	3/6/2006 11:25:00AM	1.6	1.6	ug/L	U
071900	Mercury	N	E84282	245.1	3/2/2006 12:05:00PM	0.072	0.072	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	3/7/2006 10:57:00PM	8.4	8.4	ug/L	U
077596	Methylene bromide	N	E84282	8260B	3/7/2006 10:57:00PM	0.41	0.41	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	3/7/2006 10:57:00PM	4	4	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	3/6/2006 11:25:00AM	4.7	4.7	ug/L	U
000620	Nitrate Nitrogen	N	E84282	353.2	2/24/2006 7:45:00AM	0.01	0.01	mg/L	U
000299	Oxygen, Dissolved	N	E84282	Field Sampling	2/22/2006 2:31:00PM	1.1		mg/L	
001147	Selenium	N	E84282	200.7 Rev 4.4	3/6/2006 11:25:00AM	5.9	5.9	ug/L	U
001077	Silver	N	E84282	200.7 Rev 4.4	3/6/2006 11:25:00AM	1.9	1.9	ug/L	U
000929	Sodium	N	E84282	200.7 Rev 4.4	3/6/2006 11:25:00AM	4	0.31	mg/L	
000094	Specific Conductance	N	E84282	Field Sampling	2/22/2006 2:31:00PM	38		umhos/cm	
077128	Styrene	N	E84282	8260B	3/7/2006 10:57:00PM	0.98	0.98	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	3/7/2006 10:57:00PM	0.34	0.34	ug/L	U
001059	Thallium	N	E87052	200.8	3/3/2006 6:03:00AM	0.25	0.25	ug/L	U
034010	Toluene	N	E84282	8260B	3/7/2006 10:57:00PM	0.51	0.51	ug/L	U
070300	Total Dissolved Solids	N	E84282	160.1	3/31/2006 4:25:00PM	42	5	mg/L	Q
034546	trans-1,2-Dichloroethene	N	E84282	8260B	3/7/2006 10:57:00PM	0.44	0.44	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	3/7/2006 10:57:00PM	0.14	0.14	ug/L	U
[redacted]263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/7/2006 10:57:00PM	2.5	2.5	ug/L	U
[redacted]180	Trichloroethene	N	E84282	8260B	3/7/2006 10:57:00PM	0.28	0.28	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	3/7/2006 10:57:00PM	0.98	0.98	ug/L	U
082079	Turbidity	N	E84282	Field Sampling	2/22/2006 2:31:00PM	1		NTU	
001087	Vanadium	N	E84282	200.7 Rev 4.4	3/6/2006 11:25:00AM	2.5	2.5	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	3/7/2006 10:57:00PM	1.5	1.5	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	3/7/2006 10:57:00PM	0.5	0.5	ug/L	U
072020	Water Level	N	E84282	Field Sampling	2/22/2006 2:31:00PM	135.75		ft	
081551	Xylenes, Total	N	E84282	8260B	3/7/2006 10:57:00PM	0.3	0.3	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	3/6/2006 11:25:00AM	5.9	5.9	ug/L	U

Total Parameters Monitored: 75

[redacted]

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

Facility Name: Trail Ridge Landfill

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 33628
WACS Testsite ID #: 17181
WACS Testsite Name: MWB2S
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

Sample Date/Time: 2/22/2006 3:17:00PM
Sampling Method: Unknown
Permitted Well Type: BG - Background

* Well Purged prior to Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/7/2006 11:22:00PM	0.63	0.63	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	3/7/2006 11:22:00PM	0.46	0.46	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/7/2006 11:22:00PM	0.14	0.14	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	3/7/2006 11:22:00PM	0.47	0.47	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	3/7/2006 11:22:00PM	0.52	0.52	ug/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	3/7/2006 11:22:00PM	0.45	0.45	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	3/7/2006 11:22:00PM	0.15	0.15	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/8/2006 1:15:00AM	0.0031	0.0031	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	3/7/2006 11:22:00PM	0.44	0.44	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	3/7/2006 11:22:00PM	0.57	0.57	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	3/7/2006 11:22:00PM	0.52	0.52	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	3/7/2006 11:22:00PM	0.52	0.52	ug/L	U
077103	2-Hexanone	N	E84282	8260B	3/7/2006 11:22:00PM	4.4	4.4	ug/L	U
[illegible]596	4-Methyl-2-pentanone	N	E84282	8260B	3/7/2006 11:22:00PM	3.8	3.8	ug/L	U
[illegible]552	Acetone	N	E84282	8260B	3/7/2006 11:22:00PM	9.9	9.9	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	3/7/2006 11:22:00PM	1.2	1.2	ug/L	U
000610	Ammonia	N	E84282	350.1	2/28/2006 4:40:00PM	0.04	0.04	mg/L	U
001097	Antimony	N	E84282	200.7 Rev 4.4	3/6/2006 11:30:00AM	3.6	3.6	ug/L	U
001002	Arsenic	N	E84282	200.7 Rev 4.4	3/6/2006 11:30:00AM	4.8	4.8	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	3/6/2006 11:30:00AM	15	1.2	ug/L	
078124	Benzene	N	E84282	8260B	3/7/2006 11:22:00PM	0.27	0.27	ug/L	U
001012	Beryllium	N	E84282	200.7 Rev 4.4	3/6/2006 11:30:00AM	0.74	0.74	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	3/7/2006 11:22:00PM	0.58	0.58	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	3/7/2006 11:22:00PM	0.35	0.35	ug/L	U
032104	Bromoform	N	E84282	8260B	3/7/2006 11:22:00PM	0.58	0.58	ug/L	U
034413	Bromomethane	N	E84282	8260B	3/7/2006 11:22:00PM	0.66	0.66	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	3/6/2006 11:30:00AM	0.71	0.71	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	3/7/2006 11:22:00PM	0.85	0.85	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	3/7/2006 11:22:00PM	0.42	0.42	ug/L	U
000940	Chloride	N	E84282	325.2	2/28/2006 12:40:00PM	4.8	0.9	mg/L	
034301	Chlorobenzene	N	E84282	8260B	3/7/2006 11:22:00PM	0.63	0.63	ug/L	U
034311	Chloroethane	N	E84282	8260B	3/7/2006 11:22:00PM	0.8	0.8	ug/L	U
032106	Chloroform	N	E84282	8260B	3/7/2006 11:22:00PM	0.9	0.9	ug/L	U
034418	Chloromethane	N	E84282	8260B	3/7/2006 11:22:00PM	0.64	0.64	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	3/6/2006 11:30:00AM	1.7	1.7	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	3/7/2006 11:22:00PM	0.65	0.65	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	3/7/2006 11:22:00PM	0.14	0.14	ug/L	U
001037	Cobalt	N	E84282	200.7 Rev 4.4	3/6/2006 11:30:00AM	1.6	1.6	ug/L	U
001042	Copper	N	E84282	200.7 Rev 4.4	3/6/2006 11:30:00AM	2.9	2.9	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	3/7/2006 11:22:00PM	0.34	0.34	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	3/7/2006 11:22:00PM	0.44	0.44	ug/L	U
077651	Ethylene Dibromide	N	E84282	504.1	3/8/2006 1:15:00AM	0.009	0.009	ug/L	U
[illegible]406	Field pH	N	E84282	Field Sampling	2/22/2006 3:17:00PM	4.48		SU	
[illegible]10	Field Temperature	N	E84282	Field Sampling	2/22/2006 3:17:00PM	18.3		Degrees C	

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 17181
WACS Testsite Name: MWB2S
Water Classification: G-II
(C - Leachate, G-II, SW-IIIF)
Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 2/22/2006 3:17:00PM
Sampling Method: Unknown
Permitted Well Type: BG - Background

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
077424	Iodomethane	N	E84282	8260B	3/7/2006 11:22:00PM	0.67	0.67	ug/L	U
001045	Iron	N	E84282	200.7 Rev 4.4	3/6/2006 11:30:00AM	430	22	ug/L	
001051	Lead	N	E84282	200.7 Rev 4.4	3/6/2006 11:30:00AM	1.6	1.6	ug/L	U
071900	Mercury	N	E84282	245.1	3/2/2006 12:07:00PM	0.072	0.072	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	3/7/2006 11:22:00PM	8.4	8.4	ug/L	U
077596	Methylene bromide	N	E84282	8260B	3/7/2006 11:22:00PM	0.41	0.41	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	3/7/2006 11:22:00PM	4	4	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	3/6/2006 11:30:00AM	4.7	4.7	ug/L	U
000620	Nitrate Nitrogen	N	E84282	353.2	2/24/2006 7:45:00AM	0.01	0.01	mg/L	U
000299	Oxygen, Dissolved	N	E84282	Field Sampling	2/22/2006 3:17:00PM	2.3		mg/L	
001147	Selenium	N	E84282	200.7 Rev 4.4	3/6/2006 11:30:00AM	5.9	5.9	ug/L	U
001077	Silver	N	E84282	200.7 Rev 4.4	3/6/2006 11:30:00AM	1.9	1.9	ug/L	U
000929	Sodium	N	E84282	200.7 Rev 4.4	3/6/2006 11:30:00AM	2.9	0.31	mg/L	
000094	Specific Conductance	N	E84282	Field Sampling	2/22/2006 3:17:00PM	55		umhos/cm	
077128	Styrene	N	E84282	8260B	3/7/2006 11:22:00PM	0.98	0.98	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	3/7/2006 11:22:00PM	0.34	0.34	ug/L	U
001059	Thallium	N	E87052	200.8	3/3/2006 6:10:00AM	0.25	0.25	ug/L	U
034010	Toluene	N	E84282	8260B	3/7/2006 11:22:00PM	0.54	0.51	ug/L	I
070300	Total Dissolved Solids	N	E84282	160.1	2/24/2006 3:55:00PM	5	5	mg/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	3/7/2006 11:22:00PM	0.44	0.44	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	3/7/2006 11:22:00PM	0.14	0.14	ug/L	U
[illegible]263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/7/2006 11:22:00PM	2.5	2.5	ug/L	U
[illegible]180	Trichloroethene	N	E84282	8260B	3/7/2006 11:22:00PM	0.28	0.28	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	3/7/2006 11:22:00PM	0.98	0.98	ug/L	U
082079	Turbidity	N	E84282	Field Sampling	2/22/2006 3:17:00PM	10		NTU	
001087	Vanadium	N	E84282	200.7 Rev 4.4	3/6/2006 11:30:00AM	2.5	2.5	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	3/7/2006 11:22:00PM	1.5	1.5	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	3/7/2006 11:22:00PM	0.5	0.5	ug/L	U
072020	Water Level	N	E84282	Field Sampling	2/22/2006 3:17:00PM	138.03		ft	
081551	Xylenes, Total	N	E84282	8260B	3/7/2006 11:22:00PM	0.3	0.3	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	3/6/2006 11:30:00AM	5.9	5.9	ug/L	U

Total Parameters Monitored: 75

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Facility Name: Trail Ridge Landfill

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 33628

WACS Testsite ID #: 17197

WACS Testsite Name: MWB19I

Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

Sample Date/Time: 2/22/2006 9:15:00AM

Sampling Method: Unknown

Permitted Well Type: CO - Compliance

* Well Purged prior to Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/8/2006 1:01:00AM	0.63	0.63	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	3/8/2006 1:01:00AM	0.46	0.46	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/8/2006 1:01:00AM	0.14	0.14	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	3/8/2006 1:01:00AM	0.47	0.47	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	3/8/2006 1:01:00AM	0.52	0.52	ug/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	3/8/2006 1:01:00AM	0.45	0.45	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	3/8/2006 1:01:00AM	0.15	0.15	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/7/2006 5:54:00PM	0.0032	0.0032	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	3/8/2006 1:01:00AM	0.44	0.44	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	3/8/2006 1:01:00AM	0.57	0.57	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	3/8/2006 1:01:00AM	0.52	0.52	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	3/8/2006 1:01:00AM	0.52	0.52	ug/L	U
077103	2-Hexanone	N	E84282	8260B	3/8/2006 1:01:00AM	4.4	4.4	ug/L	U
[illegible]596	4-Methyl-2-pentanone	N	E84282	8260B	3/8/2006 1:01:00AM	3.8	3.8	ug/L	U
[illegible]552	Acetone	N	E84282	8260B	3/8/2006 1:01:00AM	9.9	9.9	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	3/8/2006 1:01:00AM	1.2	1.2	ug/L	U
000610	Ammonia	N	E84282	350.1	2/27/2006 10:43:00AM	0.04	0.04	mg/L	U
001097	Antimony	N	E84282	200.7 Rev 4.4	3/6/2006 9:46:00AM	3.6	3.6	ug/L	U
001002	Arsenic	N	E84282	200.7 Rev 4.4	3/6/2006 9:46:00AM	4.8	4.8	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	3/6/2006 9:46:00AM	95	1.2	ug/L	
078124	Benzene	N	E84282	8260B	3/8/2006 1:01:00AM	0.27	0.27	ug/L	U
001012	Beryllium	N	E84282	200.7 Rev 4.4	3/6/2006 9:46:00AM	0.74	0.74	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	3/8/2006 1:01:00AM	0.58	0.58	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	3/8/2006 1:01:00AM	0.35	0.35	ug/L	U
032104	Bromoform	N	E84282	8260B	3/8/2006 1:01:00AM	0.58	0.58	ug/L	U
034413	Bromomethane	N	E84282	8260B	3/8/2006 1:01:00AM	0.66	0.66	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	3/6/2006 9:46:00AM	0.81	0.71	ug/L	I
077041	Carbon disulfide	N	E84282	8260B	3/8/2006 1:01:00AM	0.85	0.85	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	3/8/2006 1:01:00AM	0.42	0.42	ug/L	U
000940	Chloride	N	E84282	325.2	2/27/2006 2:09:00PM	8.6	0.9	mg/L	
034301	Chlorobenzene	N	E84282	8260B	3/8/2006 1:01:00AM	0.63	0.63	ug/L	U
034311	Chloroethane	N	E84282	8260B	3/8/2006 1:01:00AM	0.8	0.8	ug/L	U
032106	Chloroform	N	E84282	8260B	3/8/2006 1:01:00AM	0.9	0.9	ug/L	U
034418	Chloromethane	N	E84282	8260B	3/8/2006 1:01:00AM	0.64	0.64	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	3/6/2006 9:46:00AM	5.4	1.7	ug/L	I
077093	cis-1,2-Dichloroethene	N	E84282	8260B	3/8/2006 1:01:00AM	0.65	0.65	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	3/8/2006 1:01:00AM	0.14	0.14	ug/L	U
001037	Cobalt	N	E84282	200.7 Rev 4.4	3/6/2006 9:46:00AM	3.4	1.6	ug/L	I
001042	Copper	N	E84282	200.7 Rev 4.4	3/6/2006 9:46:00AM	2.9	2.9	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	3/8/2006 1:01:00AM	0.34	0.34	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	3/8/2006 1:01:00AM	0.44	0.44	ug/L	U
077651	Ethylene Dibromide	N	E84282	504.1	3/7/2006 5:54:00PM	0.0093	0.0093	ug/L	U
[illegible]406	Field pH	N	E84282	Field Sampling	2/22/2006 9:15:00AM	5.15		SU	
[illegible]10	Field Temperature	N	E84282	Field Sampling	2/22/2006 9:15:00AM	22.1		Degrees C	

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 17197
WACS Testsite Name: MWB19I
[redacted]ter Classification: G-II
C - Leachate, G-II, SW-IIIF)

Sample Date/Time: 2/22/2006 9:15:00AM
Sampling Method: Unknown
Permitted Well Type: CO - Compliance

* Well Purged prior to Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
077424	Iodomethane	N	E84282	8260B	3/8/2006 1:01:00AM	0.67	0.67	ug/L	U
001045	Iron	N	E84282	200.7 Rev 4.4	3/6/2006 9:46:00AM	1100	22	ug/L	
001051	Lead	N	E84282	200.7 Rev 4.4	3/6/2006 9:46:00AM	1.6	1.6	ug/L	U
071900	Mercury	N	E84282	245.1	3/2/2006 11:37:00AM	0.072	0.072	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	3/8/2006 1:01:00AM	8.4	8.4	ug/L	U
077596	Methylene bromide	N	E84282	8260B	3/8/2006 1:01:00AM	0.41	0.41	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	3/8/2006 1:01:00AM	4	4	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	3/6/2006 9:46:00AM	6.8	4.7	ug/L	I
000620	Nitrate Nitrogen	N	E84282	353.2	2/24/2006 7:45:00AM	0.01	0.01	mg/L	U
000299	Oxygen, Dissolved	N	E84282	Field Sampling	2/22/2006 9:15:00AM	1.1		mg/L	
001147	Selenium	N	E84282	200.7 Rev 4.4	3/6/2006 9:46:00AM	5.9	5.9	ug/L	U
001077	Silver	N	E84282	200.7 Rev 4.4	3/6/2006 9:46:00AM	1.9	1.9	ug/L	U
000929	Sodium	N	E84282	200.7 Rev 4.4	3/6/2006 9:46:00AM	3.5	0.31	mg/L	
000094	Specific Conductance	N	E84282	Field Sampling	2/22/2006 9:15:00AM	40		umhos/cm	
077128	Styrene	N	E84282	8260B	3/8/2006 1:01:00AM	0.98	0.98	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	3/8/2006 1:01:00AM	0.34	0.34	ug/L	U
001059	Thallium	N	E87052	200.8	3/3/2006 3:46:00AM	0.57	0.25	ug/L	I
034010	Toluene	N	E84282	8260B	3/8/2006 1:01:00AM	0.51	0.51	ug/L	U
070300	Total Dissolved Solids	N	E84282	160.1	2/24/2006 3:55:00PM	26	5	mg/L	
034546	trans-1,2-Dichloroethene	N	E84282	8260B	3/8/2006 1:01:00AM	0.44	0.44	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	3/8/2006 1:01:00AM	0.14	0.14	ug/L	U
[redacted]263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/8/2006 1:01:00AM	2.5	2.5	ug/L	U
[redacted]180	Trichloroethene	N	E84282	8260B	3/8/2006 1:01:00AM	0.28	0.28	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	3/8/2006 1:01:00AM	0.98	0.98	ug/L	U
082079	Turbidity	N	E84282	Field Sampling	2/22/2006 9:15:00AM	27.3		NTU	
001087	Vanadium	N	E84282	200.7 Rev 4.4	3/6/2006 9:46:00AM	7.5	2.5	ug/L	I
077057	Vinyl acetate	N	E84282	8260B	3/8/2006 1:01:00AM	1.5	1.5	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	3/8/2006 1:01:00AM	0.5	0.5	ug/L	U
072020	Water Level	N	E84282	Field Sampling	2/22/2006 9:15:00AM	120.65		ft	
081551	Xylenes, Total	N	E84282	8260B	3/8/2006 1:01:00AM	0.3	0.3	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	3/6/2006 9:46:00AM	20	5.9	ug/L	

Total Parameters Monitored: 75

[redacted]

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Facility Name: Trail Ridge Landfill

PARAMETER MONITORING REPORT
Rule 62-701
WACS Report Type: SEMGW
Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 33628
WACS Testsite ID #: 17198
WACS Testsite Name: MWB19S
Water Classification: G-II
(i.e.: LC - Leachate, G-II; SW-IIIF)

Sample Date/Time: 2/22/2006 9:34:00AM
Sampling Method: Unknown
Permitted Well Type: CO - Compliance

* Well Purged prior to Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/8/2006 12:36:00AM	0.63	0.63	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	3/8/2006 12:36:00AM	0.46	0.46	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/8/2006 12:36:00AM	0.14	0.14	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	3/8/2006 12:36:00AM	0.47	0.47	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	3/8/2006 12:36:00AM	0.52	0.52	ug/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	3/8/2006 12:36:00AM	0.45	0.45	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	3/8/2006 12:36:00AM	0.15	0.15	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/7/2006 6:40:00PM	0.0032	0.0032	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	3/8/2006 12:36:00AM	0.44	0.44	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	3/8/2006 12:36:00AM	0.57	0.57	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	3/8/2006 12:36:00AM	0.52	0.52	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	3/8/2006 12:36:00AM	0.52	0.52	ug/L	U
077103	2-Hexanone	N	E84282	8260B	3/8/2006 12:36:00AM	4.4	4.4	ug/L	U
[illegible]596	4-Methyl-2-pentanone	N	E84282	8260B	3/8/2006 12:36:00AM	3.8	3.8	ug/L	U
[illegible]1552	Acetone	N	E84282	8260B	3/8/2006 12:36:00AM	9.9	9.9	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	3/8/2006 12:36:00AM	1.2	1.2	ug/L	U
000610	Ammonia	N	E84282	350.1	2/27/2006 10:43:00AM	0.37	0.04	mg/L	
001097	Antimony	N	E84282	200.7 Rev 4.4	3/6/2006 10:03:00AM	3.6	3.6	ug/L	U
001002	Arsenic	N	E84282	200.7 Rev 4.4	3/6/2006 10:03:00AM	4.8	4.8	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	3/6/2006 10:03:00AM	24	1.2	ug/L	
078124	Benzene	N	E84282	8260B	3/8/2006 12:36:00AM	0.27	0.27	ug/L	U
001012	Beryllium	N	E84282	200.7 Rev 4.4	3/6/2006 10:03:00AM	0.74	0.74	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	3/8/2006 12:36:00AM	0.58	0.58	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	3/8/2006 12:36:00AM	0.35	0.35	ug/L	U
032104	Bromoform	N	E84282	8260B	3/8/2006 12:36:00AM	0.58	0.58	ug/L	U
034413	Bromomethane	N	E84282	8260B	3/8/2006 12:36:00AM	0.66	0.66	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	3/6/2006 10:03:00AM	0.71	0.71	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	3/8/2006 12:36:00AM	0.85	0.85	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	3/8/2006 12:36:00AM	0.42	0.42	ug/L	U
000940	Chloride	N	E84282	325.2	2/27/2006 2:09:00PM	9.3	0.9	mg/L	
034301	Chlorobenzene	N	E84282	8260B	3/8/2006 12:36:00AM	0.63	0.63	ug/L	U
034311	Chloroethane	N	E84282	8260B	3/8/2006 12:36:00AM	0.8	0.8	ug/L	U
032106	Chloroform	N	E84282	8260B	3/8/2006 12:36:00AM	0.9	0.9	ug/L	U
034418	Chloromethane	N	E84282	8260B	3/8/2006 12:36:00AM	0.64	0.64	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	3/6/2006 10:03:00AM	2.3	1.7	ug/L	I
077093	cis-1,2-Dichloroethene	N	E84282	8260B	3/8/2006 12:36:00AM	0.65	0.65	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	3/8/2006 12:36:00AM	0.14	0.14	ug/L	U
001037	Cobalt	N	E84282	200.7 Rev 4.4	3/6/2006 10:03:00AM	2.6	1.6	ug/L	I
001042	Copper	N	E84282	200.7 Rev 4.4	3/6/2006 10:03:00AM	2.9	2.9	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	3/8/2006 12:36:00AM	0.34	0.34	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	3/8/2006 12:36:00AM	0.44	0.44	ug/L	U
077651	Ethylene Dibromide	N	E84282	504.1	3/7/2006 6:40:00PM	0.0092	0.0092	ug/L	U
[illegible]106	Field pH	N	E84282	Field Sampling	2/22/2006 9:34:00AM	5.29		SU	
[illegible]010	Field Temperature	N	E84282	Field Sampling	2/22/2006 9:34:00AM	20.9		Degrees C	

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 17198
WACS Testsite Name: MWB19S
[redacted]ter Classification: G-II
C - Leachate, G-II, SW-IIIF)
* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 2/22/2006 9:34:00AM
Sampling Method: Unknown
Permitted Well Type: CO - Compliance

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
077424	Iodomethane	N	E84282	8260B	3/8/2006 12:36:00AM	0.67	0.67	ug/L	U
001045	Iron	N	E84282	200.7 Rev 4.4	3/6/2006 10:03:00AM	460	22	ug/L	
001051	Lead	N	E84282	200.7 Rev 4.4	3/6/2006 10:03:00AM	1.6	1.6	ug/L	U
071900	Mercury	N	E84282	245.1	3/2/2006 11:39:00AM	0.072	0.072	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	3/8/2006 12:36:00AM	8.4	8.4	ug/L	U
077596	Methylene bromide	N	E84282	8260B	3/8/2006 12:36:00AM	0.41	0.41	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	3/8/2006 12:36:00AM	4	4	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	3/6/2006 10:03:00AM	4.7	4.7	ug/L	U
000620	Nitrate Nitrogen	N	E84282	353.2	2/24/2006 7:45:00AM	0.01	0.01	mg/L	U
000299	Oxygen, Dissolved	N	E84282	Field Sampling	2/22/2006 9:34:00AM	1.3		mg/L	
001147	Selenium	N	E84282	200.7 Rev 4.4	3/6/2006 10:03:00AM	5.9	5.9	ug/L	U
001077	Silver	N	E84282	200.7 Rev 4.4	3/6/2006 10:03:00AM	1.9	1.9	ug/L	U
000929	Sodium	N	E84282	200.7 Rev 4.4	3/6/2006 10:03:00AM	5.5	0.31	mg/L	
000094	Specific Conductance	N	E84282	Field Sampling	2/22/2006 9:34:00AM	106		umhos/cm	
077128	Styrene	N	E84282	8260B	3/8/2006 12:36:00AM	0.98	0.98	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	3/8/2006 12:36:00AM	0.34	0.34	ug/L	U
001059	Thallium	N	E87052	200.8	3/3/2006 3:53:00AM	0.25	0.25	ug/L	U
034010	Toluene	N	E84282	8260B	3/8/2006 12:36:00AM	0.51	0.51	ug/L	U
070300	Total Dissolved Solids	N	E84282	160.1	2/24/2006 3:55:00PM	52	5	mg/L	
034546	trans-1,2-Dichloroethene	N	E84282	8260B	3/8/2006 12:36:00AM	0.44	0.44	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	3/8/2006 12:36:00AM	0.14	0.14	ug/L	U
[redacted]263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/8/2006 12:36:00AM	2.5	2.5	ug/L	U
[redacted]180	Trichloroethene	N	E84282	8260B	3/8/2006 12:36:00AM	0.28	0.28	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	3/8/2006 12:36:00AM	0.98	0.98	ug/L	U
082079	Turbidity	N	E84282	Field Sampling	2/22/2006 9:34:00AM	10.1		NTU	
001087	Vanadium	N	E84282	200.7 Rev 4.4	3/6/2006 10:03:00AM	2.5	2.5	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	3/8/2006 12:36:00AM	1.5	1.5	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	3/8/2006 12:36:00AM	0.5	0.5	ug/L	U
072020	Water Level	N	E84282	Field Sampling	2/22/2006 9:34:00AM	120.82		ft	
081551	Xylenes, Total	N	E84282	8260B	3/8/2006 12:36:00AM	0.3	0.3	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	3/6/2006 10:03:00AM	5.9	5.9	ug/L	U

Total Parameters Monitored: 75

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

Facility Name: Trail Ridge Landfill

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 33628

WACS Testsite ID #: 17190

WACS Testsite Name: MWB12I

Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

Sample Date/Time: 2/22/2006 10:15:00AM

Sampling Method: Unknown

Permitted Well Type: CO - Compliance

* Well Purged prior to Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/7/2006 6:49:00PM	0.63	0.63	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	3/7/2006 6:49:00PM	0.46	0.46	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/7/2006 6:49:00PM	0.14	0.14	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	3/7/2006 6:49:00PM	0.47	0.47	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	3/7/2006 6:49:00PM	0.52	0.52	ug/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	3/7/2006 6:49:00PM	0.45	0.45	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	3/7/2006 6:49:00PM	0.15	0.15	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/7/2006 7:04:00PM	0.0031	0.0031	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	3/7/2006 6:49:00PM	0.44	0.44	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	3/7/2006 6:49:00PM	0.57	0.57	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	3/7/2006 6:49:00PM	0.52	0.52	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	3/7/2006 6:49:00PM	0.52	0.52	ug/L	U
077103	2-Hexanone	N	E84282	8260B	3/7/2006 6:49:00PM	4.4	4.4	ug/L	U
[illegible]96	4-Methyl-2-pentanone	N	E84282	8260B	3/7/2006 6:49:00PM	3.8	3.8	ug/L	U
[illegible]52	Acetone	N	E84282	8260B	3/7/2006 6:49:00PM	9.9	9.9	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	3/7/2006 6:49:00PM	1.2	1.2	ug/L	U
000610	Ammonia	N	E84282	350.1	2/27/2006 10:43:00AM	0.04	0.04	mg/L	U
001097	Antimony	N	E84282	200.7 Rev 4.4	3/6/2006 10:09:00AM	3.6	3.6	ug/L	U
001002	Arsenic	N	E84282	200.7 Rev 4.4	3/6/2006 10:09:00AM	4.8	4.8	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	3/6/2006 10:09:00AM	52	1.2	ug/L	
078124	Benzene	N	E84282	8260B	3/7/2006 6:49:00PM	0.27	0.27	ug/L	U
001012	Beryllium	N	E84282	200.7 Rev 4.4	3/6/2006 10:09:00AM	0.74	0.74	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	3/7/2006 6:49:00PM	0.58	0.58	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	3/7/2006 6:49:00PM	0.35	0.35	ug/L	U
032104	Bromoform	N	E84282	8260B	3/7/2006 6:49:00PM	0.58	0.58	ug/L	U
034413	Bromomethane	N	E84282	8260B	3/7/2006 6:49:00PM	0.66	0.66	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	3/6/2006 10:09:00AM	0.71	0.71	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	3/7/2006 6:49:00PM	0.85	0.85	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	3/7/2006 6:49:00PM	0.42	0.42	ug/L	U
000940	Chloride	N	E84282	325.2	2/27/2006 2:09:00PM	5.8	0.9	mg/L	
034301	Chlorobenzene	N	E84282	8260B	3/7/2006 6:49:00PM	0.63	0.63	ug/L	U
034311	Chloroethane	N	E84282	8260B	3/7/2006 6:49:00PM	0.8	0.8	ug/L	U
032106	Chloroform	N	E84282	8260B	3/7/2006 6:49:00PM	0.9	0.9	ug/L	U
034418	Chloromethane	N	E84282	8260B	3/7/2006 6:49:00PM	0.64	0.64	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	3/6/2006 10:09:00AM	1.7	1.7	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	3/7/2006 6:49:00PM	0.65	0.65	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	3/7/2006 6:49:00PM	0.14	0.14	ug/L	U
001037	Cobalt	N	E84282	200.7 Rev 4.4	3/6/2006 10:09:00AM	1.8	1.6	ug/L	I
001042	Copper	N	E84282	200.7 Rev 4.4	3/6/2006 10:09:00AM	2.9	2.9	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	3/7/2006 6:49:00PM	0.34	0.34	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	3/7/2006 6:49:00PM	0.44	0.44	ug/L	U
077651	Ethylene Dibromide	N	E84282	504.1	3/7/2006 7:04:00PM	0.0089	0.0089	ug/L	U
[illegible]06	Field pH	N	E84282	Field Sampling	2/22/2006 10:15:00AM	5.33		SU	
[illegible]10	Field Temperature	N	E84282	Field Sampling	2/22/2006 10:15:00AM	22.8		Degrees C	

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 17190
WACS Testsite Name: MWB12I
[redacted]ter Classification: G-II
(C - Leachate, G-II, SW-IIIF)

Sample Date/Time: 2/22/2006 10:15:00AM
Sampling Method: Unknown
Permitted Well Type: CO - Compliance

* Well Purged prior to Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
077424	Iodomethane	N	E84282	8260B	3/7/2006 6:49:00PM	0.67	0.67	ug/L	U
001045	Iron	N	E84282	200.7 Rev 4.4	3/6/2006 10:09:00AM	440	22	ug/L	
001051	Lead	N	E84282	200.7 Rev 4.4	3/6/2006 10:09:00AM	1.6	1.6	ug/L	U
071900	Mercury	N	E84282	245.1	3/2/2006 11:41:00AM	0.072	0.072	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	3/7/2006 6:49:00PM	8.4	8.4	ug/L	U
077596	Methylene bromide	N	E84282	8260B	3/7/2006 6:49:00PM	0.41	0.41	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	3/7/2006 6:49:00PM	4	4	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	3/6/2006 10:09:00AM	4.7	4.7	ug/L	U
000620	Nitrate Nitrogen	N	E84282	353.2	2/24/2006 7:45:00AM	0.01	0.01	mg/L	U
000299	Oxygen, Dissolved	N	E84282	Field Sampling	2/22/2006 10:15:00AM	0.9		mg/L	
001147	Selenium	N	E84282	200.7 Rev 4.4	3/6/2006 10:09:00AM	5.9	5.9	ug/L	U
001077	Silver	N	E84282	200.7 Rev 4.4	3/6/2006 10:09:00AM	1.9	1.9	ug/L	U
000929	Sodium	N	E84282	200.7 Rev 4.4	3/6/2006 10:09:00AM	3.1	0.31	mg/L	
000094	Specific Conductance	N	E84282	Field Sampling	2/22/2006 10:15:00AM	41		umhos/cm	
077128	Styrene	N	E84282	8260B	3/7/2006 6:49:00PM	0.98	0.98	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	3/7/2006 6:49:00PM	0.34	0.34	ug/L	U
001059	Thallium	N	E87052	200.8	3/3/2006 4:15:00AM	0.25	0.25	ug/L	U
034010	Toluene	N	E84282	8260B	3/7/2006 6:49:00PM	0.51	0.51	ug/L	U
070300	Total Dissolved Solids	N	E84282	160.1	2/24/2006 3:55:00PM	16	5	mg/L	
034546	trans-1,2-Dichloroethene	N	E84282	8260B	3/7/2006 6:49:00PM	0.44	0.44	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	3/7/2006 6:49:00PM	0.14	0.14	ug/L	U
[redacted]263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/7/2006 6:49:00PM	2.5	2.5	ug/L	U
[redacted]9180	Trichloroethene	N	E84282	8260B	3/7/2006 6:49:00PM	0.28	0.28	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	3/7/2006 6:49:00PM	0.98	0.98	ug/L	U
082079	Turbidity	N	E84282	Field Sampling	2/22/2006 10:15:00AM	4.4		NTU	
001087	Vanadium	N	E84282	200.7 Rev 4.4	3/6/2006 10:09:00AM	2.5	2.5	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	3/7/2006 6:49:00PM	1.5	1.5	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	3/7/2006 6:49:00PM	0.5	0.5	ug/L	U
072020	Water Level	N	E84282	Field Sampling	2/22/2006 10:15:00AM	116.82		ft	
081551	Xylenes, Total	N	E84282	8260B	3/7/2006 6:49:00PM	0.3	0.3	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	3/6/2006 10:09:00AM	5.9	5.9	ug/L	U

Total Parameters Monitored: 75

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

Facility Name: Trail Ridge Landfill

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 33628

WACS Testsite ID #: 17189

WACS Testsite Name: MWB12D

Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

Sample Date/Time: 2/22/2006 10:32:00AM

Sampling Method: Unknown

Permitted Well Type: CO - Compliance

* Well Purged prior to Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/8/2006 12:11:00AM	0.63	0.63	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	3/8/2006 12:11:00AM	0.46	0.46	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/8/2006 12:11:00AM	0.14	0.14	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	3/8/2006 12:11:00AM	0.47	0.47	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	3/8/2006 12:11:00AM	0.52	0.52	ug/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	3/8/2006 12:11:00AM	0.45	0.45	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	3/8/2006 12:11:00AM	0.15	0.15	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/7/2006 7:27:00PM	0.0032	0.0032	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	3/8/2006 12:11:00AM	0.44	0.44	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	3/8/2006 12:11:00AM	0.57	0.57	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	3/8/2006 12:11:00AM	0.52	0.52	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	3/8/2006 12:11:00AM	0.52	0.52	ug/L	U
077103	2-Hexanone	N	E84282	8260B	3/8/2006 12:11:00AM	4.4	4.4	ug/L	U
[illegible]596	4-Methyl-2-pentanone	N	E84282	8260B	3/8/2006 12:11:00AM	3.8	3.8	ug/L	U
[illegible]552	Acetone	N	E84282	8260B	3/8/2006 12:11:00AM	9.9	9.9	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	3/8/2006 12:11:00AM	1.2	1.2	ug/L	U
000610	Ammonia	N	E84282	350.1	2/27/2006 10:43:00AM	0.19	0.04	mg/L	
001097	Antimony	N	E84282	200.7 Rev 4.4	3/6/2006 10:14:00AM	3.6	3.6	ug/L	U
001002	Arsenic	N	E84282	200.7 Rev 4.4	3/6/2006 10:14:00AM	4.8	4.8	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	3/6/2006 10:14:00AM	120	1.2	ug/L	
078124	Benzene	N	E84282	8260B	3/8/2006 12:11:00AM	0.27	0.27	ug/L	U
001012	Beryllium	N	E84282	200.7 Rev 4.4	3/6/2006 10:14:00AM	0.74	0.74	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	3/8/2006 12:11:00AM	0.58	0.58	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	3/8/2006 12:11:00AM	0.35	0.35	ug/L	U
032104	Bromoform	N	E84282	8260B	3/8/2006 12:11:00AM	0.58	0.58	ug/L	U
034413	Bromomethane	N	E84282	8260B	3/8/2006 12:11:00AM	0.66	0.66	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	3/6/2006 10:14:00AM	0.71	0.71	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	3/8/2006 12:11:00AM	0.85	0.85	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	3/8/2006 12:11:00AM	0.42	0.42	ug/L	U
000940	Chloride	N	E84282	325.2	2/27/2006 2:09:00PM	6.6	0.9	mg/L	
034301	Chlorobenzene	N	E84282	8260B	3/8/2006 12:11:00AM	0.63	0.63	ug/L	U
034311	Chloroethane	N	E84282	8260B	3/8/2006 12:11:00AM	0.8	0.8	ug/L	U
032106	Chloroform	N	E84282	8260B	3/8/2006 12:11:00AM	0.9	0.9	ug/L	U
034418	Chloromethane	N	E84282	8260B	3/8/2006 12:11:00AM	0.64	0.64	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	3/6/2006 10:14:00AM	1.7	1.7	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	3/8/2006 12:11:00AM	0.65	0.65	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	3/8/2006 12:11:00AM	0.14	0.14	ug/L	U
001037	Cobalt	N	E84282	200.7 Rev 4.4	3/6/2006 10:14:00AM	1.6	1.6	ug/L	U
001042	Copper	N	E84282	200.7 Rev 4.4	3/6/2006 10:14:00AM	2.9	2.9	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	3/8/2006 12:11:00AM	0.34	0.34	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	3/8/2006 12:11:00AM	0.44	0.44	ug/L	U
077651	Ethylene Dibromide	N	E84282	504.1	3/7/2006 7:27:00PM	0.0093	0.0093	ug/L	U
[illegible]06	Field pH	N	E84282	Field Sampling	2/22/2006 10:32:00AM	7.18		SU	
[illegible]10	Field Temperature	N	E84282	Field Sampling	2/22/2006 10:32:00AM	22		Degrees C	

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 17189
WACS Testsite Name: MWB12D
[redacted]ter Classification: G-II
(LC - Leachate, G-II, SW-IIIF)
* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 2/22/2006 10:32:00AM
Sampling Method: Unknown
Permitted Well Type: CO - Compliance

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
077424	Iodomethane	N	E84282	8260B	3/8/2006 12:11:00AM	0.67	0.67	ug/L	U
001045	Iron	N	E84282	200.7 Rev 4.4	3/6/2006 10:14:00AM	710	22	ug/L	
001051	Lead	N	E84282	200.7 Rev 4.4	3/6/2006 10:14:00AM	1.6	1.6	ug/L	U
071900	Mercury	N	E84282	245.1	3/2/2006 11:43:00AM	0.072	0.072	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	3/8/2006 12:11:00AM	8.4	8.4	ug/L	U
077596	Methylene bromide	N	E84282	8260B	3/8/2006 12:11:00AM	0.41	0.41	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	3/8/2006 12:11:00AM	4	4	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	3/6/2006 10:14:00AM	4.7	4.7	ug/L	U
000620	Nitrate Nitrogen	N	E84282	353.2	2/24/2006 7:45:00AM	0.01	0.01	mg/L	U
000299	Oxygen, Dissolved	N	E84282	Field Sampling	2/22/2006 10:32:00AM	0.8		mg/L	
001147	Selenium	N	E84282	200.7 Rev 4.4	3/6/2006 10:14:00AM	5.9	5.9	ug/L	U
001077	Silver	N	E84282	200.7 Rev 4.4	3/6/2006 10:14:00AM	1.9	1.9	ug/L	U
000929	Sodium	N	E84282	200.7 Rev 4.4	3/6/2006 10:14:00AM	5.8	0.31	mg/L	
000094	Specific Conductance	N	E84282	Field Sampling	2/22/2006 10:32:00AM	394		umhos/cm	
077128	Styrene	N	E84282	8260B	3/8/2006 12:11:00AM	0.98	0.98	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	3/8/2006 12:11:00AM	0.34	0.34	ug/L	U
001059	Thallium	N	E87052	200.8	3/3/2006 4:22:00AM	0.25	0.25	ug/L	U
034010	Toluene	N	E84282	8260B	3/8/2006 12:11:00AM	0.51	0.51	ug/L	U
070300	Total Dissolved Solids	N	E84282	160.1	2/24/2006 3:55:00PM	180	5	mg/L	
034546	trans-1,2-Dichloroethene	N	E84282	8260B	3/8/2006 12:11:00AM	0.44	0.44	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	3/8/2006 12:11:00AM	0.14	0.14	ug/L	U
[redacted]263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/8/2006 12:11:00AM	2.5	2.5	ug/L	U
[redacted]180	Trichloroethene	N	E84282	8260B	3/8/2006 12:11:00AM	0.28	0.28	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	3/8/2006 12:11:00AM	0.98	0.98	ug/L	U
082079	Turbidity	N	E84282	Field Sampling	2/22/2006 10:32:00AM	0.8		NTU	
001087	Vanadium	N	E84282	200.7 Rev 4.4	3/6/2006 10:14:00AM	2.5	2.5	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	3/8/2006 12:11:00AM	1.5	1.5	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	3/8/2006 12:11:00AM	0.5	0.5	ug/L	U
072020	Water Level	N	E84282	Field Sampling	2/22/2006 10:32:00AM	119.26		ft	
081551	Xylenes, Total	N	E84282	8260B	3/8/2006 12:11:00AM	0.3	0.3	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	3/6/2006 10:14:00AM	5.9	5.9	ug/L	U

Total Parameters Monitored: 75

[redacted]

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Facility Name: Trail Ridge Landfill

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 33628

WACS Testsite ID #: 17191

WACS Testsite Name: MWB12S

Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

Sample Date/Time: 2/22/2006 10:48:00AM

Sampling Method: Unknown

Permitted Well Type: CO - Compliance

* Well Purged prior to Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/7/2006 7:13:00PM	0.63	0.63	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	3/7/2006 7:13:00PM	0.46	0.46	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/7/2006 7:13:00PM	0.14	0.14	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	3/7/2006 7:13:00PM	0.47	0.47	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	3/7/2006 7:13:00PM	0.52	0.52	ug/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	3/7/2006 7:13:00PM	0.45	0.45	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	3/7/2006 7:13:00PM	0.15	0.15	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/7/2006 7:50:00PM	0.0031	0.0031	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	3/7/2006 7:13:00PM	0.44	0.44	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	3/7/2006 7:13:00PM	0.57	0.57	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	3/7/2006 7:13:00PM	0.52	0.52	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	3/7/2006 7:13:00PM	0.52	0.52	ug/L	U
077103	2-Hexanone	N	E84282	8260B	3/7/2006 7:13:00PM	4.4	4.4	ug/L	U
[illegible]596	4-Methyl-2-pentanone	N	E84282	8260B	3/7/2006 7:13:00PM	3.8	3.8	ug/L	U
[illegible]552	Acetone	N	E84282	8260B	3/7/2006 7:13:00PM	9.9	9.9	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	3/7/2006 7:13:00PM	1.2	1.2	ug/L	U
000610	Ammonia	N	E84282	350.1	2/27/2006 10:43:00AM	0.2	0.04	mg/L	
001097	Antimony	N	E84282	200.7 Rev 4.4	3/6/2006 10:20:00AM	3.6	3.6	ug/L	U
001002	Arsenic	N	E84282	200.7 Rev 4.4	3/6/2006 10:20:00AM	4.8	4.8	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	3/6/2006 10:20:00AM	10	1.2	ug/L	
078124	Benzene	N	E84282	8260B	3/7/2006 7:13:00PM	0.27	0.27	ug/L	U
001012	Beryllium	N	E84282	200.7 Rev 4.4	3/6/2006 10:20:00AM	0.74	0.74	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	3/7/2006 7:13:00PM	0.58	0.58	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	3/7/2006 7:13:00PM	0.35	0.35	ug/L	U
032104	Bromoform	N	E84282	8260B	3/7/2006 7:13:00PM	0.58	0.58	ug/L	U
034413	Bromomethane	N	E84282	8260B	3/7/2006 7:13:00PM	0.66	0.66	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	3/6/2006 10:20:00AM	0.71	0.71	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	3/7/2006 7:13:00PM	0.85	0.85	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	3/7/2006 7:13:00PM	0.42	0.42	ug/L	U
000940	Chloride	N	E84282	325.2	2/27/2006 2:09:00PM	10	0.9	mg/L	
034301	Chlorobenzene	N	E84282	8260B	3/7/2006 7:13:00PM	0.63	0.63	ug/L	U
034311	Chloroethane	N	E84282	8260B	3/7/2006 7:13:00PM	0.8	0.8	ug/L	U
032106	Chloroform	N	E84282	8260B	3/7/2006 7:13:00PM	0.9	0.9	ug/L	U
034418	Chloromethane	N	E84282	8260B	3/7/2006 7:13:00PM	0.64	0.64	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	3/6/2006 10:20:00AM	5.4	1.7	ug/L	I
077093	cis-1,2-Dichloroethene	N	E84282	8260B	3/7/2006 7:13:00PM	0.65	0.65	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	3/7/2006 7:13:00PM	0.14	0.14	ug/L	U
001037	Cobalt	N	E84282	200.7 Rev 4.4	3/6/2006 10:20:00AM	1.6	1.6	ug/L	U
001042	Copper	N	E84282	200.7 Rev 4.4	3/6/2006 10:20:00AM	3.4	2.9	ug/L	I
032105	Dibromochloromethane	N	E84282	8260B	3/7/2006 7:13:00PM	0.34	0.34	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	3/7/2006 7:13:00PM	0.44	0.44	ug/L	U
077651	Ethylene Dibromide	N	E84282	504.1	3/7/2006 7:50:00PM	0.0091	0.0091	ug/L	U
[illegible]06	Field pH	N	E84282	Field Sampling	2/22/2006 10:48:00AM	5.59		SU	
[illegible]10	Field Temperature	N	E84282	Field Sampling	2/22/2006 10:48:00AM	20.3		Degrees C	

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 17191
WACS Testsite Name: MWB12S
Water Classification: G-II
(C - Leachate, G-II, SW-IIIF)
* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 2/22/2006 10:48:00AM
Sampling Method: Unknown
Permitted Well Type: CO - Compliance

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
077424	Iodomethane	N	E84282	8260B	3/7/2006 7:13:00PM	0.67	0.67	ug/L	U
001045	Iron	N	E84282	200.7 Rev 4.4	3/6/2006 10:20:00AM	110	22	ug/L	
001051	Lead	N	E84282	200.7 Rev 4.4	3/6/2006 10:20:00AM	1.6	1.6	ug/L	U
071900	Mercury	N	E84282	245.1	3/2/2006 11:45:00AM	0.072	0.072	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	3/7/2006 7:13:00PM	8.4	8.4	ug/L	U
077596	Methylene bromide	N	E84282	8260B	3/7/2006 7:13:00PM	0.41	0.41	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	3/7/2006 7:13:00PM	4	4	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	3/6/2006 10:20:00AM	4.7	4.7	ug/L	U
000620	Nitrate Nitrogen	N	E84282	353.2	2/24/2006 7:45:00AM	0.029	0.01	mg/L	I
000299	Oxygen, Dissolved	N	E84282	Field Sampling	2/22/2006 10:48:00AM	2.6		mg/L	
001147	Selenium	N	E84282	200.7 Rev 4.4	3/6/2006 10:20:00AM	6.8	5.9	ug/L	I
001077	Silver	N	E84282	200.7 Rev 4.4	3/6/2006 10:20:00AM	1.9	1.9	ug/L	U
000929	Sodium	N	E84282	200.7 Rev 4.4	3/6/2006 10:20:00AM	2.8	0.31	mg/L	
000094	Specific Conductance	N	E84282	Field Sampling	2/22/2006 10:48:00AM	125		umhos/cm	
077128	Styrene	N	E84282	8260B	3/7/2006 7:13:00PM	0.98	0.98	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	3/7/2006 7:13:00PM	0.34	0.34	ug/L	U
001059	Thallium	N	E87052	200.8	3/3/2006 4:29:00AM	0.25	0.25	ug/L	U
034010	Toluene	N	E84282	8260B	3/7/2006 7:13:00PM	0.51	0.51	ug/L	U
070300	Total Dissolved Solids	N	E84282	160.1	2/24/2006 3:55:00PM	62	5	mg/L	
034546	trans-1,2-Dichloroethene	N	E84282	8260B	3/7/2006 7:13:00PM	0.44	0.44	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	3/7/2006 7:13:00PM	0.14	0.14	ug/L	U
[illegible]63	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/7/2006 7:13:00PM	2.5	2.5	ug/L	U
[illegible]80	Trichloroethene	N	E84282	8260B	3/7/2006 7:13:00PM	0.28	0.28	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	3/7/2006 7:13:00PM	0.98	0.98	ug/L	U
082079	Turbidity	N	E84282	Field Sampling	2/22/2006 10:48:00AM	19.6		NTU	
001087	Vanadium	N	E84282	200.7 Rev 4.4	3/6/2006 10:20:00AM	32	2.5	ug/L	
077057	Vinyl acetate	N	E84282	8260B	3/7/2006 7:13:00PM	1.5	1.5	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	3/7/2006 7:13:00PM	0.5	0.5	ug/L	U
072020	Water Level	N	E84282	Field Sampling	2/22/2006 10:48:00AM	114.21		ft	
081551	Xylenes, Total	N	E84282	8260B	3/7/2006 7:13:00PM	0.3	0.3	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	3/6/2006 10:20:00AM	5.9	5.9	ug/L	U

Total Parameters Monitored: 75

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

Facility Name: Trail Ridge Landfill

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 33628

WACS Testsite ID #: 17201

WACS Testsite Name: MWB22S

Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

Sample Date/Time: 2/22/2006 11:07:00AM

Sampling Method: Unknown

Permitted Well Type: CO - Compliance

* Well Purged prior to Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/7/2006 7:38:00PM	0.63	0.63	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	3/7/2006 7:38:00PM	0.46	0.46	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/7/2006 7:38:00PM	0.14	0.14	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	3/7/2006 7:38:00PM	0.47	0.47	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	3/7/2006 7:38:00PM	0.52	0.52	ug/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	3/7/2006 7:38:00PM	0.45	0.45	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	3/7/2006 7:38:00PM	0.15	0.15	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/7/2006 8:13:00PM	0.0032	0.0032	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	3/7/2006 7:38:00PM	0.44	0.44	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	3/7/2006 7:38:00PM	0.57	0.57	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	3/7/2006 7:38:00PM	0.52	0.52	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	3/7/2006 7:38:00PM	0.52	0.52	ug/L	U
077103	2-Hexanone	N	E84282	8260B	3/7/2006 7:38:00PM	4.4	4.4	ug/L	U
[illegible]596	4-Methyl-2-pentanone	N	E84282	8260B	3/7/2006 7:38:00PM	3.8	3.8	ug/L	U
[illegible]552	Acetone	N	E84282	8260B	3/7/2006 7:38:00PM	9.9	9.9	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	3/7/2006 7:38:00PM	1.2	1.2	ug/L	U
000610	Ammonia	N	E84282	350.1	2/27/2006 10:43:00AM	0.41	0.04	mg/L	
001097	Antimony	N	E84282	200.7 Rev 4.4	3/6/2006 10:25:00AM	3.6	3.6	ug/L	U
001002	Arsenic	N	E84282	200.7 Rev 4.4	3/6/2006 10:25:00AM	4.8	4.8	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	3/6/2006 10:25:00AM	5.8	1.2	ug/L	I
078124	Benzene	N	E84282	8260B	3/7/2006 7:38:00PM	0.27	0.27	ug/L	U
001012	Beryllium	N	E84282	200.7 Rev 4.4	3/6/2006 10:25:00AM	0.74	0.74	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	3/7/2006 7:38:00PM	0.58	0.58	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	3/7/2006 7:38:00PM	0.35	0.35	ug/L	U
032104	Bromoform	N	E84282	8260B	3/7/2006 7:38:00PM	0.58	0.58	ug/L	U
034413	Bromomethane	N	E84282	8260B	3/7/2006 7:38:00PM	0.66	0.66	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	3/6/2006 10:25:00AM	0.71	0.71	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	3/7/2006 7:38:00PM	0.85	0.85	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	3/7/2006 7:38:00PM	0.42	0.42	ug/L	U
000940	Chloride	N	E84282	325.2	2/27/2006 2:09:00PM	9.2	0.9	mg/L	
034301	Chlorobenzene	N	E84282	8260B	3/7/2006 7:38:00PM	0.63	0.63	ug/L	U
034311	Chloroethane	N	E84282	8260B	3/7/2006 7:38:00PM	0.8	0.8	ug/L	U
032106	Chloroform	N	E84282	8260B	3/7/2006 7:38:00PM	0.9	0.9	ug/L	U
034418	Chloromethane	N	E84282	8260B	3/7/2006 7:38:00PM	0.64	0.64	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	3/6/2006 10:25:00AM	2.1	1.7	ug/L	I
077093	cis-1,2-Dichloroethene	N	E84282	8260B	3/7/2006 7:38:00PM	0.65	0.65	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	3/7/2006 7:38:00PM	0.14	0.14	ug/L	U
001037	Cobalt	N	E84282	200.7 Rev 4.4	3/6/2006 10:25:00AM	2	1.6	ug/L	I
001042	Copper	N	E84282	200.7 Rev 4.4	3/6/2006 10:25:00AM	2.9	2.9	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	3/7/2006 7:38:00PM	0.34	0.34	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	3/7/2006 7:38:00PM	0.44	0.44	ug/L	U
077651	Ethylene Dibromide	N	E84282	504.1	3/7/2006 8:13:00PM	0.0093	0.0093	ug/L	U
[illegible]406	Field pH	N	E84282	Field Sampling	2/22/2006 11:07:00AM	5.86		SU	
[illegible]10	Field Temperature	N	E84282	Field Sampling	2/22/2006 11:07:00AM	19.2		Degrees C	

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 17201
WACS Testsite Name: MWB22S
Water Classification: G-II
(C - Leachate, G-II, SW-IIIF)
* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 2/22/2006 11:07:00AM
Sampling Method: Unknown
Permitted Well Type: CO - Compliance

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
077424	Iodomethane	N	E84282	8260B	3/7/2006 7:38:00PM	0.67	0.67	ug/L	U
001045	Iron	N	E84282	200.7 Rev 4.4	3/6/2006 10:25:00AM	140	22	ug/L	
001051	Lead	N	E84282	200.7 Rev 4.4	3/6/2006 10:25:00AM	1.6	1.6	ug/L	U
071900	Mercury	N	E84282	245.1	3/2/2006 11:46:00AM	0.072	0.072	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	3/7/2006 7:38:00PM	8.4	8.4	ug/L	U
077596	Methylene bromide	N	E84282	8260B	3/7/2006 7:38:00PM	0.41	0.41	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	3/7/2006 7:38:00PM	4	4	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	3/6/2006 10:25:00AM	4.7	4.7	ug/L	U
000620	Nitrate Nitrogen	N	E84282	353.2	2/24/2006 7:45:00AM	0.01	0.01	mg/L	U
000299	Oxygen, Dissolved	N	E84282	Field Sampling	2/22/2006 11:07:00AM	1.9		mg/L	
001147	Selenium	N	E84282	200.7 Rev 4.4	3/6/2006 10:25:00AM	5.9	5.9	ug/L	U
001077	Silver	N	E84282	200.7 Rev 4.4	3/6/2006 10:25:00AM	1.9	1.9	ug/L	U
000929	Sodium	N	E84282	200.7 Rev 4.4	3/6/2006 10:25:00AM	6.2	0.31	mg/L	
000094	Specific Conductance	N	E84282	Field Sampling	2/22/2006 11:07:00AM	227		umhos/cm	
077128	Styrene	N	E84282	8260B	3/7/2006 7:38:00PM	0.98	0.98	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	3/7/2006 7:38:00PM	0.34	0.34	ug/L	U
001059	Thallium	N	E87052	200.8	3/3/2006 4:36:00AM	0.25	0.25	ug/L	U
034010	Toluene	N	E84282	8260B	3/7/2006 7:38:00PM	0.51	0.51	ug/L	U
070300	Total Dissolved Solids	N	E84282	160.1	2/24/2006 3:55:00PM	110	5	mg/L	
034546	trans-1,2-Dichloroethene	N	E84282	8260B	3/7/2006 7:38:00PM	0.44	0.44	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	3/7/2006 7:38:00PM	0.14	0.14	ug/L	U
[redacted]263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/7/2006 7:38:00PM	2.5	2.5	ug/L	U
[redacted]180	Trichloroethene	N	E84282	8260B	3/7/2006 7:38:00PM	0.28	0.28	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	3/7/2006 7:38:00PM	0.98	0.98	ug/L	U
082079	Turbidity	N	E84282	Field Sampling	2/22/2006 11:07:00AM	4.9		NTU	
001087	Vanadium	N	E84282	200.7 Rev 4.4	3/6/2006 10:25:00AM	2.5	2.5	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	3/7/2006 7:38:00PM	1.5	1.5	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	3/7/2006 7:38:00PM	0.5	0.5	ug/L	U
072020	Water Level	N	E84282	Field Sampling	2/22/2006 11:07:00AM	114.88		ft	
081551	Xylenes, Total	N	E84282	8260B	3/7/2006 7:38:00PM	0.3	0.3	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	3/6/2006 10:25:00AM	5.9	5.9	ug/L	U

Total Parameters Monitored: 75

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

Facility Name: Trail Ridge Landfill

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (2 Pages)

WACS Facility ID #: 33628

WACS Testsite ID #: 17206

WACS Testsite Name: MWB27I

Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

Sample Date/Time: 2/22/2006 11:46:00AM

Sampling Method: Unknown

Permitted Well Type: CO - Compliance

* Well Purged prior to Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/7/2006 8:03:00PM	0.63	0.63	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	3/7/2006 8:03:00PM	0.46	0.46	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/7/2006 8:03:00PM	0.14	0.14	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	3/7/2006 8:03:00PM	0.47	0.47	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	3/7/2006 8:03:00PM	0.52	0.52	ug/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	3/7/2006 8:03:00PM	0.45	0.45	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	3/7/2006 8:03:00PM	0.15	0.15	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/7/2006 8:36:00PM	0.0032	0.0032	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	3/7/2006 8:03:00PM	0.44	0.44	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	3/7/2006 8:03:00PM	0.57	0.57	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	3/7/2006 8:03:00PM	0.52	0.52	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	3/7/2006 8:03:00PM	0.52	0.52	ug/L	U
077103	2-Hexanone	N	E84282	8260B	3/7/2006 8:03:00PM	4.4	4.4	ug/L	U
[illegible]596	4-Methyl-2-pentanone	N	E84282	8260B	3/7/2006 8:03:00PM	3.8	3.8	ug/L	U
[illegible]552	Acetone	N	E84282	8260B	3/7/2006 8:03:00PM	9.9	9.9	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	3/7/2006 8:03:00PM	1.2	1.2	ug/L	U
000610	Ammonia	N	E84282	350.1	2/27/2006 10:43:00AM	0.053	0.04	mg/L	
001097	Antimony	N	E84282	200.7 Rev 4.4	3/6/2006 10:31:00AM	3.6	3.6	ug/L	U
001002	Arsenic	N	E84282	200.7 Rev 4.4	3/6/2006 10:31:00AM	4.8	4.8	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	3/6/2006 10:31:00AM	55	1.2	ug/L	
078124	Benzene	N	E84282	8260B	3/7/2006 8:03:00PM	0.27	0.27	ug/L	U
001012	Beryllium	N	E84282	200.7 Rev 4.4	3/6/2006 10:31:00AM	0.74	0.74	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	3/7/2006 8:03:00PM	0.58	0.58	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	3/7/2006 8:03:00PM	0.35	0.35	ug/L	U
032104	Bromoform	N	E84282	8260B	3/7/2006 8:03:00PM	0.58	0.58	ug/L	U
034413	Bromomethane	N	E84282	8260B	3/7/2006 8:03:00PM	0.66	0.66	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	3/6/2006 10:31:00AM	0.71	0.71	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	3/7/2006 8:03:00PM	0.85	0.85	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	3/7/2006 8:03:00PM	0.42	0.42	ug/L	U
000940	Chloride	N	E84282	325.2	2/27/2006 2:09:00PM	6.2	0.9	mg/L	
034301	Chlorobenzene	N	E84282	8260B	3/7/2006 8:03:00PM	0.63	0.63	ug/L	U
034311	Chloroethane	N	E84282	8260B	3/7/2006 8:03:00PM	0.8	0.8	ug/L	U
032106	Chloroform	N	E84282	8260B	3/7/2006 8:03:00PM	0.9	0.9	ug/L	U
034418	Chloromethane	N	E84282	8260B	3/7/2006 8:03:00PM	0.64	0.64	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	3/6/2006 10:31:00AM	1.7	1.7	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	3/7/2006 8:03:00PM	0.65	0.65	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	3/7/2006 8:03:00PM	0.14	0.14	ug/L	U
001037	Cobalt	N	E84282	200.7 Rev 4.4	3/6/2006 10:31:00AM	1.6	1.6	ug/L	U
001042	Copper	N	E84282	200.7 Rev 4.4	3/6/2006 10:31:00AM	2.9	2.9	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	3/7/2006 8:03:00PM	0.34	0.34	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	3/7/2006 8:03:00PM	0.44	0.44	ug/L	U
077651	Ethylene Dibromide	N	E84282	504.1	3/7/2006 8:36:00PM	0.0091	0.0091	ug/L	U
[illegible]406	Field pH	N	E84282	Field Sampling	2/22/2006 11:46:00AM	5.58		SU	
[illegible]010	Field Temperature	N	E84282	Field Sampling	2/22/2006 11:46:00AM	20.6		Degrees C	

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 17206
WACS Testsite Name: MWB27I
[redacted]ter Classification: G-II
C - Leachate, G-II, SW-IIIF)

Sample Date/Time: 2/22/2006 11:46:00AM
Sampling Method: Unknown
Permitted Well Type: CO - Compliance

* Well Purged prior to Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
077424	Iodomethane	N	E84282	8260B	3/7/2006 8:03:00PM	0.67	0.67	ug/L	U
001045	Iron	N	E84282	200.7 Rev 4.4	3/6/2006 10:31:00AM	500	22	ug/L	
001051	Lead	N	E84282	200.7 Rev 4.4	3/6/2006 10:31:00AM	1.6	1.6	ug/L	U
071900	Mercury	N	E84282	245.1	3/2/2006 11:48:00AM	0.072	0.072	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	3/7/2006 8:03:00PM	8.4	8.4	ug/L	U
077596	Methylene bromide	N	E84282	8260B	3/7/2006 8:03:00PM	0.41	0.41	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	3/7/2006 8:03:00PM	4	4	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	3/6/2006 10:31:00AM	4.7	4.7	ug/L	U
000620	Nitrate Nitrogen	N	E84282	353.2	2/24/2006 7:45:00AM	0.021	0.01	mg/L	I
000299	Oxygen, Dissolved	N	E84282	Field Sampling	2/22/2006 11:46:00AM	1.1		mg/L	
001147	Selenium	N	E84282	200.7 Rev 4.4	3/6/2006 10:31:00AM	5.9	5.9	ug/L	U
001077	Silver	N	E84282	200.7 Rev 4.4	3/6/2006 10:31:00AM	1.9	1.9	ug/L	U
000929	Sodium	N	E84282	200.7 Rev 4.4	3/6/2006 10:31:00AM	3.3	0.31	mg/L	
000094	Specific Conductance	N	E84282	Field Sampling	2/22/2006 11:46:00AM	58		umhos/cm	
077128	Styrene	N	E84282	8260B	3/7/2006 8:03:00PM	0.98	0.98	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	3/7/2006 8:03:00PM	0.34	0.34	ug/L	U
001059	Thallium	N	E87052	200.8	3/3/2006 4:44:00AM	0.25	0.25	ug/L	U
034010	Toluene	N	E84282	8260B	3/7/2006 8:03:00PM	0.51	0.51	ug/L	U
070300	Total Dissolved Solids	N	E84282	160.1	2/24/2006 3:55:00PM	22	5	mg/L	
034546	trans-1,2-Dichloroethene	N	E84282	8260B	3/7/2006 8:03:00PM	0.44	0.44	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	3/7/2006 8:03:00PM	0.14	0.14	ug/L	U
[redacted]263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/7/2006 8:03:00PM	2.5	2.5	ug/L	U
[redacted]6180	Trichloroethene	N	E84282	8260B	3/7/2006 8:03:00PM	0.28	0.28	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	3/7/2006 8:03:00PM	0.98	0.98	ug/L	U
082079	Turbidity	N	E84282	Field Sampling	2/22/2006 11:46:00AM	10.2		NTU	
001087	Vanadium	N	E84282	200.7 Rev 4.4	3/6/2006 10:31:00AM	2.5	2.5	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	3/7/2006 8:03:00PM	1.5	1.5	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	3/7/2006 8:03:00PM	0.5	0.5	ug/L	U
072020	Water Level	N	E84282	Field Sampling	2/22/2006 11:46:00AM	121.9		ft	
081551	Xylenes, Total	N	E84282	8260B	3/7/2006 8:03:00PM	0.3	0.3	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	3/6/2006 10:31:00AM	5.9	5.9	ug/L	U

Total Parameters Monitored: 75

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Appendix B

STL Laboratory Reports – Ground Water Sample Points

SEVERN TRENT STL®

ANALYTICAL REPORT

Job Number: 660-7427-1

Job Description: Trail Ridge Landfill

For:
HDR Engineering
200 W. Forsyth St., Suite 800
Jacksonville, FL 32202

Attention: Mr. Brad Stone

Nancy Robertson
Project Manager II
nrobertson@stl-inc.com
04/03/2006

Project Manager: Nancy Robertson

DOH Certification #: E84282
These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL Project Manager who signed this test report. The estimated uncertainty associated with these reported results is available upon request.

SEVERN TRENT STL®

EXECUTIVE SUMMARY - Detections

Client: HDR Engineering

Job Number: 660-7427-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
660-7427-1	**MWB13I**					
Total Dissolved Solids		48		5.0	mg/L	160.1
Chloride		5.8		1.0	mg/L	325.2
Total Recoverable						
Barium		36		10	ug/L	200.7 Rev 4.4
Chromium		3.4	I	10	ug/L	200.7 Rev 4.4
Iron		480		50	ug/L	200.7 Rev 4.4
Sodium		3.2		0.50	mg/L	200.7 Rev 4.4
Vanadium		3.1	I	10	ug/L	200.7 Rev 4.4
Thallium		0.70	I	1.0	ug/L	200.8
660-7427-2	**MWB31D**					
Total Dissolved Solids		200		5.0	mg/L	160.1
Chloride		5.5		1.0	mg/L	325.2
Nitrate Nitrogen		0.093		0.050	mg/L	353.2
Total Recoverable						
Barium		82		10	ug/L	200.7 Rev 4.4
Iron		49	I	50	ug/L	200.7 Rev 4.4
Sodium		6.2		0.50	mg/L	200.7 Rev 4.4
Antimony		3.7	I	6.0	ug/L	200.7 Rev 4.4
Thallium		0.74	I	1.0	ug/L	200.8
660-7427-3	**MWB3S**					
Total Dissolved Solids		34		5.0	mg/L	160.1
Chloride		5.8		1.0	mg/L	325.2
Total Recoverable						
Barium		12		10	ug/L	200.7 Rev 4.4
Cobalt		2.2	I	10	ug/L	200.7 Rev 4.4
Iron		480		50	ug/L	200.7 Rev 4.4
Sodium		3.1		0.50	mg/L	200.7 Rev 4.4
Thallium		0.28	I	1.0	ug/L	200.8
660-7427-4	**MWB3I**					
Total Dissolved Solids		22		5.0	mg/L	160.1
Chloride		4.4		1.0	mg/L	325.2
Total Recoverable						
Barium		22		10	ug/L	200.7 Rev 4.4
Iron		660		50	ug/L	200.7 Rev 4.4
Sodium		3.2		0.50	mg/L	200.7 Rev 4.4
Thallium		0.25	I	1.0	ug/L	200.8

SEVERN TRENT STL®

EXECUTIVE SUMMARY - Detections

Client: HDR Engineering

Job Number: 660-7427-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
660-7427-5	**MWB7I**					
Total Dissolved Solids		44		5.0	mg/L	160.1
Chloride		5.8		1.0	mg/L	325.2
Total Recoverable						
Barium		53		10	ug/L	200.7 Rev 4.4
Iron		370		50	ug/L	200.7 Rev 4.4
Sodium		3.1		0.50	mg/L	200.7 Rev 4.4
660-7427-6	**MWB7D**					
Total Dissolved Solids		190		5.0	mg/L	160.1
Chloride		4.5		1.0	mg/L	325.2
Ammonia		0.13		0.050	mg/L	350.1
Nitrate Nitrogen		0.023	I	0.050	mg/L	353.2
Total Recoverable						
Barium		81		10	ug/L	200.7 Rev 4.4
Iron		190		50	ug/L	200.7 Rev 4.4
Sodium		4.7		0.50	mg/L	200.7 Rev 4.4
660-7427-7	**MWB7S**					
Total Dissolved Solids		90		5.0	mg/L	160.1
Chloride		10		1.0	mg/L	325.2
Ammonia		0.25		0.050	mg/L	350.1
Nitrate Nitrogen		0.032	I	0.050	mg/L	353.2
Total Recoverable						
Barium		5.4	I	10	ug/L	200.7 Rev 4.4
Iron		110		50	ug/L	200.7 Rev 4.4
Sodium		5.2		0.50	mg/L	200.7 Rev 4.4
Vanadium		2.6	I	10	ug/L	200.7 Rev 4.4

EXECUTIVE SUMMARY - Detections

Client: HDR Engineering

Job Number: 660-7427-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
660-7427-8	**MWB13S**					
Total Dissolved Solids		120		5.0	mg/L	160.1
Chloride		21		1.0	mg/L	325.2
Ammonia		0.47		0.050	mg/L	350.1
Nitrate Nitrogen		0.071		0.050	mg/L	353.2
Total Recoverable						
Barium		11		10	ug/L	200.7 Rev 4.4
Cobalt		1.9	I	10	ug/L	200.7 Rev 4.4
Chromium		6.0	I	10	ug/L	200.7 Rev 4.4
Copper		19	I	20	ug/L	200.7 Rev 4.4
Iron		760		50	ug/L	200.7 Rev 4.4
Sodium		10		0.50	mg/L	200.7 Rev 4.4
Selenium		31		10	ug/L	200.7 Rev 4.4
Vanadium		47		10	ug/L	200.7 Rev 4.4
Zinc		7.2	I	20	ug/L	200.7 Rev 4.4
660-7427-9	**MWB11I (R)**					
Total Dissolved Solids		46		5.0	mg/L	160.1
Chloride		9.1		1.0	mg/L	325.2
Total Recoverable						
Barium		75		10	ug/L	200.7 Rev 4.4
Chromium		25		10	ug/L	200.7 Rev 4.4
Iron		1500		50	ug/L	200.7 Rev 4.4
Sodium		3.1		0.50	mg/L	200.7 Rev 4.4
Lead		7.1		5.0	ug/L	200.7 Rev 4.4
Vanadium		38		10	ug/L	200.7 Rev 4.4
Zinc		6.1	I	20	ug/L	200.7 Rev 4.4
660-7427-10	**DUP 02**					
Total Dissolved Solids		68		5.0	mg/L	160.1
Chloride		8.3		1.0	mg/L	325.2
Total Recoverable						
Barium		75		10	ug/L	200.7 Rev 4.4
Chromium		25		10	ug/L	200.7 Rev 4.4
Iron		1500		50	ug/L	200.7 Rev 4.4
Sodium		3.0		0.50	mg/L	200.7 Rev 4.4
Lead		6.0		5.0	ug/L	200.7 Rev 4.4
Vanadium		37		10	ug/L	200.7 Rev 4.4
Zinc		6.5	I	20	ug/L	200.7 Rev 4.4

EXECUTIVE SUMMARY - Detections

Client: HDR Engineering

Job Number: 660-7427-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
660-7427-11	**MWB11S**					
Total Dissolved Solids		110		5.0	mg/L	160.1
Chloride		14		1.0	mg/L	325.2
Ammonia		0.091		0.050	mg/L	350.1
Total Recoverable						
Barium		81		10	ug/L	200.7 Rev 4.4
Cobalt		1.8	I	10	ug/L	200.7 Rev 4.4
Iron		1000		50	ug/L	200.7 Rev 4.4
Sodium		8.0		0.50	mg/L	200.7 Rev 4.4
660-7427-12	**MWB20S**					
Total Dissolved Solids		66		5.0	mg/L	160.1
Chloride		7.6		1.0	mg/L	325.2
Ammonia		0.71		0.050	mg/L	350.1
Total Recoverable						
Barium		17		10	ug/L	200.7 Rev 4.4
Cobalt		1.7	I	10	ug/L	200.7 Rev 4.4
Iron		400		50	ug/L	200.7 Rev 4.4
Sodium		4.1		0.50	mg/L	200.7 Rev 4.4
660-7427-13	**MWB21S**					
Total Dissolved Solids		40		5.0	mg/L	160.1
Chloride		7.7		1.0	mg/L	325.2
Ammonia		0.073		0.050	mg/L	350.1
Total Recoverable						
Barium		18		10	ug/L	200.7 Rev 4.4
Iron		600		50	ug/L	200.7 Rev 4.4
Sodium		3.0		0.50	mg/L	200.7 Rev 4.4
660-7427-14	**MWB17S**					
Total Dissolved Solids		52		5.0	mg/L	160.1
Chloride		7.7		1.0	mg/L	325.2
Ammonia		0.085		0.050	mg/L	350.1
Total Recoverable						
Barium		3.1	I	10	ug/L	200.7 Rev 4.4
Cobalt		1.7	I	10	ug/L	200.7 Rev 4.4
Chromium		1.8	I	10	ug/L	200.7 Rev 4.4
Iron		150		50	ug/L	200.7 Rev 4.4
Sodium		3.6		0.50	mg/L	200.7 Rev 4.4
Thallium		0.28	I	1.0	ug/L	200.8

SEVERN TRENT STL®

EXECUTIVE SUMMARY - Detections

Client: HDR Engineering

Job Number: 660-7427-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
660-7427-15	**DUP 03**					
Total Dissolved Solids		52		5.0	mg/L	160.1
Chloride		8.5		1.0	mg/L	325.2
Ammonia		0.088		0.050	mg/L	350.1
Total Recoverable						
Barium		3.3	I	10	ug/L	200.7 Rev 4.4
Iron		160		50	ug/L	200.7 Rev 4.4
Sodium		3.7		0.50	mg/L	200.7 Rev 4.4
660-7427-16	**MWB17I**					
Total Dissolved Solids		32		5.0	mg/L	160.1
Chloride		6.1		1.0	mg/L	325.2
Total Recoverable						
Barium		38		10	ug/L	200.7 Rev 4.4
Iron		390		50	ug/L	200.7 Rev 4.4
Sodium		3.2		0.50	mg/L	200.7 Rev 4.4
660-7427-17	**MWB34D**					
Total Dissolved Solids		220		5.0	mg/L	160.1
Chloride		5.8		1.0	mg/L	325.2
Ammonia		0.21		0.050	mg/L	350.1
Total Recoverable						
Barium		100		10	ug/L	200.7 Rev 4.4
Iron		480		50	ug/L	200.7 Rev 4.4
Sodium		6.1		0.50	mg/L	200.7 Rev 4.4
660-7427-18	**MWB34I**					
Total Dissolved Solids		42		5.0	mg/L	160.1
Chloride		6.3		1.0	mg/L	325.2
Total Recoverable						
Barium		53		10	ug/L	200.7 Rev 4.4
Chromium		2.1	I	10	ug/L	200.7 Rev 4.4
Iron		590		50	ug/L	200.7 Rev 4.4
Sodium		3.3		0.50	mg/L	200.7 Rev 4.4

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EXECUTIVE SUMMARY - Detections

Client: HDR Engineering

Job Number: 660-7427-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
660-7427-19	**MWB34S**					
Benzene		0.52	I	1.0	ug/L	8260B
Total Dissolved Solids		520		5.0	mg/L	160.1
Chloride		150		20	mg/L	325.2
Ammonia		16		1.3	mg/L	350.1
Nitrate Nitrogen		3.7		0.050	mg/L	353.2
Total Recoverable						
Barium		7.3	I	10	ug/L	200.7 Rev 4.4
Cobalt		1.7	I	10	ug/L	200.7 Rev 4.4
Chromium		3.7	I	10	ug/L	200.7 Rev 4.4
Copper		19	I	20	ug/L	200.7 Rev 4.4
Iron		120		50	ug/L	200.7 Rev 4.4
Sodium		86		0.50	mg/L	200.7 Rev 4.4
Nickel		5.7	I	40	ug/L	200.7 Rev 4.4
Antimony		4.6	I	6.0	ug/L	200.7 Rev 4.4
Vanadium		22		10	ug/L	200.7 Rev 4.4
Zinc		79		20	ug/L	200.7 Rev 4.4
660-7427-20	**MWB33S**					
Total Dissolved Solids		78		5.0	mg/L	160.1
Chloride		9.4		1.0	mg/L	325.2
Ammonia		0.76		0.050	mg/L	350.1
Total Recoverable						
Barium		30		10	ug/L	200.7 Rev 4.4
Iron		650		50	ug/L	200.7 Rev 4.4
Sodium		5.1		0.50	mg/L	200.7 Rev 4.4
Vanadium		3.3	I	10	ug/L	200.7 Rev 4.4
660-7427-21	**MWB32D**					
Total Dissolved Solids		130		5.0	mg/L	160.1
Chloride		10		1.0	mg/L	325.2
Ammonia		0.13		0.050	mg/L	350.1
Total Recoverable						
Barium		98		10	ug/L	200.7 Rev 4.4
Chromium		8.8	I	10	ug/L	200.7 Rev 4.4
Copper		5.6	I	20	ug/L	200.7 Rev 4.4
Iron		2300		50	ug/L	200.7 Rev 4.4
Sodium		5.1		0.50	mg/L	200.7 Rev 4.4
Lead		6.8		5.0	ug/L	200.7 Rev 4.4
Vanadium		9.7	I	10	ug/L	200.7 Rev 4.4
Thallium		0.41	I	1.0	ug/L	200.8

EXECUTIVE SUMMARY - Detections

Client: HDR Engineering

Job Number: 660-7427-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
660-7427-22	**MWB32I**					
Total Dissolved Solids		80		5.0	mg/L	160.1
Chloride		8.4		1.0	mg/L	325.2
Total Recoverable						
Barium		54		10	ug/L	200.7 Rev 4.4
Chromium		6.0	I	10	ug/L	200.7 Rev 4.4
Iron		530		50	ug/L	200.7 Rev 4.4
Sodium		2.7		0.50	mg/L	200.7 Rev 4.4
Lead		5.5		5.0	ug/L	200.7 Rev 4.4
Vanadium		6.8	I	10	ug/L	200.7 Rev 4.4
Zinc		11	I	20	ug/L	200.7 Rev 4.4
660-7427-23	**MWB32S**					
Total Dissolved Solids		74		5.0	mg/L	160.1
Chloride		9.2		1.0	mg/L	325.2
Ammonia		0.25		0.050	mg/L	350.1
Total Recoverable						
Barium		25		10	ug/L	200.7 Rev 4.4
Cobalt		1.7	I	10	ug/L	200.7 Rev 4.4
Chromium		2.7	I	10	ug/L	200.7 Rev 4.4
Iron		520		50	ug/L	200.7 Rev 4.4
Sodium		5.4		0.50	mg/L	200.7 Rev 4.4
Vanadium		2.8	I	10	ug/L	200.7 Rev 4.4
660-7427-24	**MWB17D**					
Methylene Chloride		18		5.0	ug/L	8260B
Total Dissolved Solids		36		5.0	mg/L	160.1
Chloride		6.9		1.0	mg/L	325.2
Total Recoverable						
Barium		36		10	ug/L	200.7 Rev 4.4
Iron		510		50	ug/L	200.7 Rev 4.4
Sodium		3.1		0.50	mg/L	200.7 Rev 4.4

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METHOD SUMMARY

Client: HDR Engineering

Job Number: 660-7427-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds by GC/MS	STL-TAM	SW846 8260B	
Purge-and-Trap	STL-TAM		SW846 5030B
EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography	STL-TAM	EPA-01 504.1	
EDB, DBCP, and 123TCP in Water by	STL-TAM		EPA-DW 504.1
ICP Metals by 200.7	STL-TAM	EPA 200.7 Rev 4.4	
Total Recoverable Metals Digestion for 200.7	STL-TAM		40CFR136A 200.7 Appx C
ICPMS Metals by 200.8 CWA	STL-SAV	EPA 200.8	
Total Recoverable Metals for 200.8	STL-SAV		MCAWW 4.1.4
Mercury in Water by CVAA	STL-TAM	EPA 245.1	
Digestion for CVAA Mercury in Waters	STL-TAM		EPA 245.1
Field Sampling	STL-TAM	EPA Field Sampling	
Residue, Filterable, Gravimetric, Dried at 180°C (TDS)	STL-TAM	MCAWW 160.1	
Chloride (Colorimetric, Automated Ferricyanide)	STL-TAM	MCAWW 325.2	
Nitrogen (Ammonia, Colorimetric, Automated Phenate)	STL-TAM	MCAWW 350.1	
Nitrogen, Nitrate-Nitrite (Colorimetric, Automated, Cadmium Reduction)	STL-TAM	MCAWW 353.2	

LAB REFERENCES:

STL-SAV = STL-Savannah
STL-TAM = STL-Tampa

METHOD REFERENCES:

EPA - US Environmental Protection Agency

EPA-01 - "Methods For The Determination Of Nonconventional Pesticides In Municipal And Industrial Wastewater", EPA/821/R/92/002, April 1992.

MCAWW - "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

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METHOD / ANALYST SUMMARY

Client: HDR Engineering

Job Number: 660-7427-1

Method	Analyst	Analyst ID
SW846 8260B	Ballard, Patricia	PB
EPA-01 504.1	Ballard, James	JB
EPA 200.7 Rev 4.4	Fox, Greg	GF
EPA 200.8	Eaton, Cliff	CE
EPA 245.1	Phan, Qui	QP
EPA Field Sampling	Sampler, Field	FS
MCAWW 160.1	Johnson, Amanda N	ANJ
MCAWW 325.2	Robarge, Andrea	AR
MCAWW 350.1	Robarge, Andrea	AR
MCAWW 353.2	Steward, Tiffany	TS

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SAMPLE SUMMARY

Client: HDR Engineering

Job Number: 660-7427-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
660-7427-1	MWB13I	Water	02/23/2006 0733	02/24/2006 0915
660-7427-2	MWB31D	Water	02/23/2006 0806	02/24/2006 0915
660-7427-3	MWB3S	Water	02/23/2006 0842	02/24/2006 0915
660-7427-4	MWB3I	Water	02/23/2006 0924	02/24/2006 0915
660-7427-5	MWB7I	Water	02/23/2006 1004	02/24/2006 0915
660-7427-6	MWB7D	Water	02/23/2006 1023	02/24/2006 0915
660-7427-7	MWB7S	Water	02/23/2006 1045	02/24/2006 0915
660-7427-8	MWB13S	Water	02/23/2006 1101	02/24/2006 0915
660-7427-9	MWB11I (R)	Water	02/23/2006 1147	02/24/2006 0915
660-7427-10	Dup 02	Water	02/23/2006 1147	02/24/2006 0915
660-7427-11	MWB11S	Water	02/23/2006 1208	02/24/2006 0915
660-7427-12	MWB20S	Water	02/23/2006 1229	02/24/2006 0915
660-7427-13	MWB21S	Water	02/23/2006 1254	02/24/2006 0915
660-7427-14	MWB17S	Water	02/23/2006 1218	02/24/2006 0915
660-7427-15	Dup 03	Water	02/23/2006 1218	02/24/2006 0915
660-7427-16	MWB17I	Water	02/23/2006 1305	02/24/2006 0915
660-7427-17	MWB34D	Water	02/23/2006 0756	02/24/2006 0915
660-7427-18	MWB34I	Water	02/23/2006 0828	02/24/2006 0915
660-7427-19	MWB34S	Water	02/23/2006 0746	02/24/2006 0915
660-7427-20	MWB33S	Water	02/23/2006 1120	02/24/2006 0915
660-7427-21	MWB32D	Water	02/23/2006 1027	02/24/2006 0915
660-7427-22	MWB32I	Water	02/23/2006 1004	02/24/2006 0915
660-7427-23	MWB32S	Water	02/23/2006 0920	02/24/2006 0915
660-7427-24	MWB17D	Water	02/23/2006 1245	02/24/2006 0915
660-7427-25	Field Blank	Water	02/23/2006 1315	02/24/2006 0915
660-7427-26	Equipment Blank	Water	02/23/2006 1325	02/24/2006 0915
660-7427-27	Trip Blank	Water	02/23/2006 0000	02/24/2006 0915

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB13I

Lab Sample ID: 660-7427-1
Client Matrix: Water

Date Sampled: 02/23/2006 0733
Date Received: 02/24/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/03/2006 2120
Date Prepared: 03/03/2006 2120

Analysis Batch: 660-21634

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0313.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.27	U	0.27	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	0.66	U	0.66	1.0
Methyl Ethyl Ketone	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Bromochloromethane	0.58	U	0.58	1.0
Chloroethane	0.80	U	0.80	1.0
Chloroform	0.90	U	0.90	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
Chloromethane	0.64	U	0.64	1.0
Dibromochloromethane	0.34	U	0.34	1.0
Methylene bromide	0.41	U	0.41	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1;2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
4-Methyl-2-pentanone	3.8	U	3.8	10
Methylene Chloride	4.0	U	4.0	5.0
Styrene	0.98	U	0.98	1.0
1,1,2,2-Tetrachloroethane	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
Tetrachloroethene	0.34	U	0.34	1.0
Toluene	0.51	U	0.51	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.28	U	0.28	1.0
Trichlorofluoromethane	0.98	U	0.98	1.0
1,2,3-Trichloropropane	0.15	U	0.15	1.0
Vinyl acetate	1.5	U	1.5	10

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: **MWB13I**

Lab Sample ID: 660-7427-1
Client Matrix: Water

Date Sampled: 02/23/2006 0733
Date Received: 02/24/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/03/2006 2120
Date Prepared: 03/03/2006 2120

Analysis Batch: 660-21634

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0313.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.30	U	0.30	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	85	74 - 126
Dibromofluoromethane	86	70 - 130
Toluene-d8	93	77 - 122

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB31D

Lab Sample ID: 660-7427-2
Client Matrix: Water

Date Sampled: 02/23/2006 0806
Date Received: 02/24/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/03/2006 2144
Date Prepared: 03/03/2006 2144

Analysis Batch: 660-21634

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0314.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.27	U	0.27	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	0.66	U	0.66	1.0
Methyl Ethyl Ketone	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Bromochloromethane	0.58	U	0.58	1.0
Chloroethane	0.80	U	0.80	1.0
Chloroform	0.90	U	0.90	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
Chloromethane	0.64	U	0.64	1.0
Dibromochloromethane	0.34	U	0.34	1.0
Methylene bromide	0.41	U	0.41	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
4-Methyl-2-pentanone	3.8	U	3.8	10
Methylene Chloride	4.0	U	4.0	5.0
Styrene	0.98	U	0.98	1.0
1,1,2,2-Tetrachloroethane	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
Tetrachloroethene	0.34	U	0.34	1.0
Toluene	0.51	U	0.51	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.28	U	0.28	1.0
Trichlorofluoromethane	0.98	U	0.98	1.0
1,2,3-Trichloropropane	0.15	U	0.15	1.0
Vinyl acetate	1.5	U	1.5	10

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB31D

Lab Sample ID: 660-7427-2
Client Matrix: Water

Date Sampled: 02/23/2006 0806
Date Received: 02/24/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/03/2006 2144
Date Prepared: 03/03/2006 2144

Analysis Batch: 660-21634

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0314.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.30	U	0.30	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	76	74 - 126
Dibromofluoromethane	81	70 - 130
Toluene-d8	85	77 - 122

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB3S

Lab Sample ID: 660-7427-3
Client Matrix: Water

Date Sampled: 02/23/2006 0842
Date Received: 02/24/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/03/2006 2209
Date Prepared: 03/03/2006 2209

Analysis Batch: 660-21634

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0315.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.27	U	0.27	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	0.66	U	0.66	1.0
Methyl Ethyl Ketone	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Bromochloromethane	0.58	U	0.58	1.0
Chloroethane	0.80	U	0.80	1.0
Chloroform	0.90	U	0.90	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
Chloromethane	0.64	U	0.64	1.0
Dibromochloromethane	0.34	U	0.34	1.0
Methylene bromide	0.41	U	0.41	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
4-Methyl-2-pentanone	3.8	U	3.8	10
Methylene Chloride	4.0	U	4.0	5.0
Styrene	0.98	U	0.98	1.0
1,1,2,2-Tetrachloroethane	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
Tetrachloroethene	0.34	U	0.34	1.0
Toluene	0.51	U	0.51	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.28	U	0.28	1.0
Trichlorofluoromethane	0.98	U	0.98	1.0
1,2,3-Trichloropropane	0.15	U	0.15	1.0
Vinyl acetate	1.5	U	1.5	10

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB3S

Lab Sample ID: 660-7427-3
Client Matrix: Water

Date Sampled: 02/23/2006 0842
Date Received: 02/24/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/03/2006 2209
Date Prepared: 03/03/2006 2209

Analysis Batch: 660-21634

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0315.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.30	U	0.30	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	77	74 - 126
Dibromofluoromethane	79	70 - 130
Toluene-d8	85	77 - 122

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB3I

Lab Sample ID: 660-7427-4
Client Matrix: Water

Date Sampled: 02/23/2006 0924
Date Received: 02/24/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/03/2006 2234
Date Prepared: 03/03/2006 2234

Analysis Batch: 660-21634

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0316.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.27	U	0.27	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	0.66	U	0.66	1.0
Methyl Ethyl Ketone	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Bromochloromethane	0.58	U	0.58	1.0
Chloroethane	0.80	U	0.80	1.0
Chloroform	0.90	U	0.90	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
Chloromethane	0.64	U	0.64	1.0
Dibromochloromethane	0.34	U	0.34	1.0
Methylene bromide	0.41	U	0.41	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
4-Methyl-2-pentanone	3.8	U	3.8	10
Methylene Chloride	4.0	U	4.0	5.0
Styrene	0.98	U	0.98	1.0
1,1,2,2-Tetrachloroethane	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
Tetrachloroethene	0.34	U	0.34	1.0
Toluene	0.51	U	0.51	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.28	U	0.28	1.0
Trichlorofluoromethane	0.98	U	0.98	1.0
1,2,3-Trichloropropane	0.15	U	0.15	1.0
Vinyl acetate	1.5	U	1.5	10

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB3I

Lab Sample ID: 660-7427-4
Client Matrix: Water

Date Sampled: 02/23/2006 0924
Date Received: 02/24/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/03/2006 2234
Date Prepared: 03/03/2006 2234

Analysis Batch: 660-21634

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0316.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.30	U	0.30	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	76	74 - 126
Dibromofluoromethane	79	70 - 130
Toluene-d8	84	77 - 122

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB7I

Lab Sample ID: 660-7427-5
Client Matrix: Water

Date Sampled: 02/23/2006 1004
Date Received: 02/24/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/06/2006 2017
Date Prepared: 03/06/2006 2017

Analysis Batch: 660-21714

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0619.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.27	U	0.27	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	0.66	U	0.66	1.0
Methyl Ethyl Ketone	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Bromochloromethane	0.58	U	0.58	1.0
Chloroethane	0.80	U	0.80	1.0
Chloroform	0.90	U	0.90	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
Chloromethane	0.64	U	0.64	1.0
Dibromochloromethane	0.34	U	0.34	1.0
Methylene bromide	0.41	U	0.41	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
4-Methyl-2-pentanone	3.8	U	3.8	10
Methylene Chloride	4.0	U	4.0	5.0
Styrene	0.98	U	0.98	1.0
1,1,2,2-Tetrachloroethane	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
Tetrachloroethene	0.34	U	0.34	1.0
Toluene	0.51	U	0.51	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.28	U	0.28	1.0
Trichlorofluoromethane	0.98	U	0.98	1.0
1,2,3-Trichloropropane	0.15	U	0.15	1.0
Vinyl acetate	1.5	U	1.5	10

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB7I

Lab Sample ID: 660-7427-5
Client Matrix: Water

Date Sampled: 02/23/2006 1004
Date Received: 02/24/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/06/2006 2017
Date Prepared: 03/06/2006 2017

Analysis Batch: 660-21714

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0619.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.30	U	0.30	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	97	74 - 126
Dibromofluoromethane	105	70 - 130
Toluene-d8	114	77 - 122

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB7D

Lab Sample ID: 660-7427-6
Client Matrix: Water

Date Sampled: 02/23/2006 1023
Date Received: 02/24/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/06/2006 2041
Date Prepared: 03/06/2006 2041

Analysis Batch: 660-21714

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0620.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.27	U	0.27	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	0.66	U	0.66	1.0
Methyl Ethyl Ketone	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Bromochloromethane	0.58	U	0.58	1.0
Chloroethane	0.80	U	0.80	1.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	0.64	U	0.64	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
Dibromochloromethane	0.34	U	0.34	1.0
Methylene bromide	0.41	U	0.41	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
4-Methyl-2-pentanone	3.8	U	3.8	10
Methylene Chloride	4.0	U	4.0	5.0
Styrene	0.98	U	0.98	1.0
1,1,2,2-Tetrachloroethane	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
Tetrachloroethene	0.34	U	0.34	1.0
Toluene	0.51	U	0.51	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.28	U	0.28	1.0
Trichlorofluoromethane	0.98	U	0.98	1.0
1,2,3-Trichloropropane	0.15	U	0.15	1.0
Vinyl acetate	1.5	U	1.5	10

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB7D

Lab Sample ID: 660-7427-6
Client Matrix: Water

Date Sampled: 02/23/2006 1023
Date Received: 02/24/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/06/2006 2041
Date Prepared: 03/06/2006 2041

Analysis Batch: 660-21714

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0620.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.30	U	0.30	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	94	74 - 126
Dibromofluoromethane	99	70 - 130
Toluene-d8	110	77 - 122

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB7S

Lab Sample ID: 660-7427-7
Client Matrix: Water

Date Sampled: 02/23/2006 1045
Date Received: 02/24/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/06/2006 2106
Date Prepared: 03/06/2006 2106

Analysis Batch: 660-21714

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0621.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.27	U	0.27	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	0.66	U	0.66	1.0
Methyl Ethyl Ketone	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Bromochloromethane	0.58	U	0.58	1.0
Chloroethane	0.80	U	0.80	1.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	0.64	U	0.64	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
Dibromochloromethane	0.34	U	0.34	1.0
Methylene bromide	0.41	U	0.41	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
4-Methyl-2-pentanone	3.8	U	3.8	10
Methylene Chloride	4.0	U	4.0	5.0
Styrene	0.98	U	0.98	1.0
1,1,2,2-Tetrachloroethane	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
Tetrachloroethene	0.34	U	0.34	1.0
Toluene	0.51	U	0.51	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.28	U	0.28	1.0
Trichlorofluoromethane	0.98	U	0.98	1.0
1,2,3-Trichloropropane	0.15	U	0.15	1.0
Vinyl acetate	1.5	U	1.5	10

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB7S

Lab Sample ID: 660-7427-7
Client Matrix: Water

Date Sampled: 02/23/2006 1045
Date Received: 02/24/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/06/2006 2106
Date Prepared: 03/06/2006 2106

Analysis Batch: 660-21714

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0621.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.30	U	0.30	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	97	74 - 126
Dibromofluoromethane	102	70 - 130
Toluene-d8	113	77 - 122

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB13S

Lab Sample ID: 660-7427-8
Client Matrix: Water

Date Sampled: 02/23/2006 1101
Date Received: 02/24/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/06/2006 2131
Date Prepared: 03/06/2006 2131

Analysis Batch: 660-21714

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0622.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.27	U	0.27	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	0.66	U	0.66	1.0
Methyl Ethyl Ketone	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Bromochloromethane	0.58	U	0.58	1.0
Chloroethane	0.80	U	0.80	1.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	0.64	U	0.64	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
Dibromochloromethane	0.34	U	0.34	1.0
Methylene bromide	0.41	U	0.41	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
4-Methyl-2-pentanone	3.8	U	3.8	10
Methylene Chloride	4.0	U	4.0	5.0
Styrene	0.98	U	0.98	1.0
1,1,2,2-Tetrachloroethane	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
Tetrachloroethene	0.34	U	0.34	1.0
Toluene	0.51	U	0.51	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.28	U	0.28	1.0
Trichlorofluoromethane	0.98	U	0.98	1.0
1,2,3-Trichloropropane	0.15	U	0.15	1.0
Vinyl acetate	1.5	U	1.5	10

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: **MWB13S**

Lab Sample ID: 660-7427-8
Client Matrix: Water

Date Sampled: 02/23/2006 1101
Date Received: 02/24/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/06/2006 2131
Date Prepared: 03/06/2006 2131

Analysis Batch: 660-21714

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0622.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.30	U	0.30	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	95	74 - 126
Dibromofluoromethane	101	70 - 130
Toluene-d8	112	77 - 122

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB11I (R)

Lab Sample ID: 660-7427-9
Client Matrix: Water

Date Sampled: 02/23/2006 1147
Date Received: 02/24/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/06/2006 2156
Date Prepared: 03/06/2006 2156

Analysis Batch: 660-21714

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0623.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.27	U	0.27	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	0.66	U	0.66	1.0
Methyl Ethyl Ketone	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Bromochloromethane	0.58	U	0.58	1.0
Chloroethane	0.80	U	0.80	1.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	0.64	U	0.64	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
Dibromochloromethane	0.34	U	0.34	1.0
Methylene bromide	0.41	U	0.41	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
4-Methyl-2-pentanone	3.8	U	3.8	10
Methylene Chloride	4.0	U	4.0	5.0
Styrene	0.98	U	0.98	1.0
1,1,2,2-Tetrachloroethane	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
Tetrachloroethene	0.34	U	0.34	1.0
Toluene	0.51	U	0.51	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.28	U	0.28	1.0
Trichlorofluoromethane	0.98	U	0.98	1.0
1,2,3-Trichloropropane	0.15	U	0.15	1.0
Vinyl acetate	1.5	U	1.5	10

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB11I (R)

Lab Sample ID: 660-7427-9
Client Matrix: Water

Date Sampled: 02/23/2006 1147
Date Received: 02/24/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/06/2006 2156
Date Prepared: 03/06/2006 2156

Analysis Batch: 660-21714

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0623.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.30	U	0.30	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	93	74 - 126
Dibromofluoromethane	98	70 - 130
Toluene-d8	111	77 - 122

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: **Dup 02**

Lab Sample ID: 660-7427-10
Client Matrix: Water

Date Sampled: 02/23/2006 1147
Date Received: 02/24/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/06/2006 2221
Date Prepared: 03/06/2006 2221

Analysis Batch: 660-21714

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0624.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.27	U	0.27	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	0.66	U	0.66	1.0
Methyl Ethyl Ketone	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Bromochloromethane	0.58	U	0.58	1.0
Chloroethane	0.80	U	0.80	1.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	0.64	U	0.64	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
Dibromochloromethane	0.34	U	0.34	1.0
Methylene bromide	0.41	U	0.41	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
4-Methyl-2-pentanone	3.8	U	3.8	10
Methylene Chloride	4.0	U	4.0	5.0
Styrene	0.98	U	0.98	1.0
1,1,2,2-Tetrachloroethane	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
Tetrachloroethene	0.34	U	0.34	1.0
Toluene	0.51	U	0.51	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.28	U	0.28	1.0
Trichlorofluoromethane	0.98	U	0.98	1.0
1,2,3-Trichloropropane	0.15	U	0.15	1.0
Vinyl acetate	1.5	U	1.5	10

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: **Dup 02**

Lab Sample ID: 660-7427-10
Client Matrix: Water

Date Sampled: 02/23/2006 1147
Date Received: 02/24/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/06/2006 2221
Date Prepared: 03/06/2006 2221

Analysis Batch: 660-21714

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0624.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.30	U	0.30	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	94	74 - 126
Dibromofluoromethane	97	70 - 130
Toluene-d8	111	77 - 122

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB11S

Lab Sample ID: 660-7427-11
Client Matrix: Water

Date Sampled: 02/23/2006 1208
Date Received: 02/24/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/06/2006 2245
Date Prepared: 03/06/2006 2245

Analysis Batch: 660-21714

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0625.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.27	U	0.27	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	0.66	U	0.66	1.0
Methyl Ethyl Ketone	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Bromochloromethane	0.58	U	0.58	1.0
Chloroethane	0.80	U	0.80	1.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	0.64	U	0.64	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
Dibromochloromethane	0.34	U	0.34	1.0
Methylene bromide	0.41	U	0.41	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
4-Methyl-2-pentanone	3.8	U	3.8	10
Methylene Chloride	4.0	U	4.0	5.0
Styrene	0.98	U	0.98	1.0
1,1,2,2-Tetrachloroethane	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
Tetrachloroethene	0.34	U	0.34	1.0
Toluene	0.51	U	0.51	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.28	U	0.28	1.0
Trichlorofluoromethane	0.98	U	0.98	1.0
1,2,3-Trichloropropane	0.15	U	0.15	1.0
Vinyl acetate	1.5	U	1.5	10

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: **MWB11S**

Lab Sample ID: 660-7427-11
Client Matrix: Water

Date Sampled: 02/23/2006 1208
Date Received: 02/24/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/06/2006 2245
Date Prepared: 03/06/2006 2245

Analysis Batch: 660-21714

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0625.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.30	U	0.30	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	94	74 - 126
Dibromofluoromethane	99	70 - 130
Toluene-d8	111	77 - 122

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB20S

Lab Sample ID: 660-7427-12
Client Matrix: Water

Date Sampled: 02/23/2006 1229
Date Received: 02/24/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/06/2006 2310
Date Prepared: 03/06/2006 2310

Analysis Batch: 660-21714

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0626.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.27	U	0.27	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	0.66	U	0.66	1.0
Methyl Ethyl Ketone	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Bromochloromethane	0.58	U	0.58	1.0
Chloroethane	0.80	U	0.80	1.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	0.64	U	0.64	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
Dibromochloromethane	0.34	U	0.34	1.0
Methylene bromide	0.41	U	0.41	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
4-Methyl-2-pentanone	3.8	U	3.8	10
Methylene Chloride	4.0	U	4.0	5.0
Styrene	0.98	U	0.98	1.0
1,1,2,2-Tetrachloroethane	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
Tetrachloroethene	0.34	U	0.34	1.0
Toluene	0.51	U	0.51	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.28	U	0.28	1.0
Trichlorofluoromethane	0.98	U	0.98	1.0
1,2,3-Trichloropropane	0.15	U	0.15	1.0
Vinyl acetate	1.5	U	1.5	10

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: **MWB20S**

Lab Sample ID: 660-7427-12
Client Matrix: Water

Date Sampled: 02/23/2006 1229
Date Received: 02/24/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/06/2006 2310
Date Prepared: 03/06/2006 2310

Analysis Batch: 660-21714

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0626.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.30	U	0.30	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	95	74 - 126
Dibromofluoromethane	103	70 - 130
Toluene-d8	110	77 - 122

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: **MWB21S**

Lab Sample ID: 660-7427-13
Client Matrix: Water

Date Sampled: 02/23/2006 1254
Date Received: 02/24/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/06/2006 2335
Date Prepared: 03/06/2006 2335

Analysis Batch: 660-21714

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0627.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.27	U	0.27	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	0.66	U	0.66	1.0
Methyl Ethyl Ketone	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Bromochloromethane	0.58	U	0.58	1.0
Chloroethane	0.80	U	0.80	1.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	0.64	U	0.64	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
Dibromochloromethane	0.34	U	0.34	1.0
Methylene bromide	0.41	U	0.41	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
4-Methyl-2-pentanone	3.8	U	3.8	10
Methylene Chloride	4.0	U	4.0	5.0
Styrene	0.98	U	0.98	1.0
1,1,2,2-Tetrachloroethane	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
Tetrachloroethene	0.34	U	0.34	1.0
Toluene	0.51	U	0.51	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.28	U	0.28	1.0
Trichlorofluoromethane	0.98	U	0.98	1.0
1,2,3-Trichloropropane	0.15	U	0.15	1.0
Vinyl acetate	1.5	U	1.5	10

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: **MWB21S**

Lab Sample ID: 660-7427-13
Client Matrix: Water

Date Sampled: 02/23/2006 1254
Date Received: 02/24/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/06/2006 2335
Date Prepared: 03/06/2006 2335

Analysis Batch: 660-21714

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0627.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.30	U	0.30	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	95	74 - 126
Dibromofluoromethane	99	70 - 130
Toluene-d8	111	77 - 122

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB17S

Lab Sample ID: 660-7427-14
Client Matrix: Water

Date Sampled: 02/23/2006 1218
Date Received: 02/24/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2006 0000
Date Prepared: 03/07/2006 0000

Analysis Batch: 660-21714

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0628.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.27	U	0.27	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	0.66	U	0.66	1.0
Methyl Ethyl Ketone	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Bromochloromethane	0.58	U	0.58	1.0
Chloroethane	0.80	U	0.80	1.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	0.64	U	0.64	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
Dibromochloromethane	0.34	U	0.34	1.0
Methylene bromide	0.41	U	0.41	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
4-Methyl-2-pentanone	3.8	U	3.8	10
Methylene Chloride	4.0	U	4.0	5.0
Styrene	0.98	U	0.98	1.0
1,1,2,2-Tetrachloroethane	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
Tetrachloroethene	0.34	U	0.34	1.0
Toluene	0.51	U	0.51	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.28	U	0.28	1.0
Trichlorofluoromethane	0.98	U	0.98	1.0
1,2,3-Trichloropropane	0.15	U	0.15	1.0
Vinyl acetate	1.5	U	1.5	10

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB17S

Lab Sample ID: 660-7427-14
Client Matrix: Water

Date Sampled: 02/23/2006 1218
Date Received: 02/24/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2006 0000
Date Prepared: 03/07/2006 0000

Analysis Batch: 660-21714

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0628.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.30	U	0.30	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	95	74 - 126
Dibromofluoromethane	101	70 - 130
Toluene-d8	111	77 - 122

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: **Dup 03**

Lab Sample ID: 660-7427-15
Client Matrix: Water

Date Sampled: 02/23/2006 1218
Date Received: 02/24/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2006 0025
Date Prepared: 03/07/2006 0025

Analysis Batch: 660-21714

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0629.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.27	U	0.27	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	0.66	U	0.66	1.0
Methyl Ethyl Ketone	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Bromochloromethane	0.58	U	0.58	1.0
Chloroethane	0.80	U	0.80	1.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	0.64	U	0.64	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
Dibromochloromethane	0.34	U	0.34	1.0
Methylene bromide	0.41	U	0.41	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
4-Methyl-2-pentanone	3.8	U	3.8	10
Methylene Chloride	4.0	U	4.0	5.0
Styrene	0.98	U	0.98	1.0
1,1,2,2-Tetrachloroethane	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
Tetrachloroethene	0.34	U	0.34	1.0
Toluene	0.51	U	0.51	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.28	U	0.28	1.0
Trichlorofluoromethane	0.98	U	0.98	1.0
1,2,3-Trichloropropane	0.15	U	0.15	1.0
Vinyl acetate	1.5	U	1.5	10

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: **Dup 03**

Lab Sample ID: 660-7427-15
Client Matrix: Water

Date Sampled: 02/23/2006 1218
Date Received: 02/24/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2006 0025
Date Prepared: 03/07/2006 0025

Analysis Batch: 660-21714

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0629.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.30	U	0.30	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	93	74 - 126
Dibromofluoromethane	98	70 - 130
Toluene-d8	111	77 - 122

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB17I

Lab Sample ID: 660-7427-16
Client Matrix: Water

Date Sampled: 02/23/2006 1305
Date Received: 02/24/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2006 0049
Date Prepared: 03/07/2006 0049

Analysis Batch: 660-21714

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0630.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.27	U	0.27	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	0.66	U	0.66	1.0
Methyl Ethyl Ketone	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Bromochloromethane	0.58	U	0.58	1.0
Chloroethane	0.80	U	0.80	1.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	0.64	U	0.64	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
Dibromochloromethane	0.34	U	0.34	1.0
Methylene bromide	0.41	U	0.41	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
4-Methyl-2-pentanone	3.8	U	3.8	10
Methylene Chloride	4.0	U	4.0	5.0
Styrene	0.98	U	0.98	1.0
1,1,2,2-Tetrachloroethane	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
Tetrachloroethene	0.34	U	0.34	1.0
Toluene	0.51	U	0.51	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.28	U	0.28	1.0
Trichlorofluoromethane	0.98	U	0.98	1.0
1,2,3-Trichloropropane	0.15	U	0.15	1.0
Vinyl acetate	1.5	U	1.5	10

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: **MWB17I**

Lab Sample ID: 660-7427-16
Client Matrix: Water

Date Sampled: 02/23/2006 1305
Date Received: 02/24/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2006 0049
Date Prepared: 03/07/2006 0049

Analysis Batch: 660-21714

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0630.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.30	U	0.30	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	95	74 - 126
Dibromofluoromethane	101	70 - 130
Toluene-d8	112	77 - 122

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB34D

Lab Sample ID: 660-7427-17
Client Matrix: Water

Date Sampled: 02/23/2006 0756
Date Received: 02/24/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2006 0458
Date Prepared: 03/07/2006 0458

Analysis Batch: 660-21755

Instrument ID: BVMJ GC/MS
Lab File ID: 2JC0640.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.27	U	0.27	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	0.66	U	0.66	1.0
Methyl Ethyl Ketone	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Bromochloromethane	0.58	U	0.58	1.0
Chloroethane	0.80	U	0.80	1.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	0.64	U	0.64	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
Dibromochloromethane	0.34	U	0.34	1.0
Methylene bromide	0.41	U	0.41	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
4-Methyl-2-pentanone	3.8	U	3.8	10
Methylene Chloride	4.0	U	4.0	5.0
Styrene	0.98	U	0.98	1.0
1,1,2,2-Tetrachloroethane	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
Tetrachloroethene	0.34	U	0.34	1.0
Toluene	0.51	U	0.51	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.28	U	0.28	1.0
Trichlorofluoromethane	0.98	U	0.98	1.0
1,2,3-Trichloropropane	0.15	U	0.15	1.0
Vinyl acetate	1.5	U	1.5	10

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB34D

Lab Sample ID: 660-7427-17
Client Matrix: Water

Date Sampled: 02/23/2006 0756
Date Received: 02/24/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2006 0458
Date Prepared: 03/07/2006 0458

Analysis Batch: 660-21755

Instrument ID: BVMJ GC/MS
Lab File ID: 2JC0640.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.30	U	0.30	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	95	74 - 126
Dibromofluoromethane	101	70 - 130
Toluene-d8	112	77 - 122

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB34I

Lab Sample ID: 660-7427-18
Client Matrix: Water

Date Sampled: 02/23/2006 0828
Date Received: 02/24/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2006 0523
Date Prepared: 03/07/2006 0523

Analysis Batch: 660-21755

Instrument ID: BVMJ GC/MS
Lab File ID: 2JC0641.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.27	U	0.27	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	0.66	U	0.66	1.0
Methyl Ethyl Ketone	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Bromochloromethane	0.58	U	0.58	1.0
Chloroethane	0.80	U	0.80	1.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	0.64	U	0.64	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
Dibromochloromethane	0.34	U	0.34	1.0
Methylene bromide	0.41	U	0.41	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
4-Methyl-2-pentanone	3.8	U	3.8	10
Methylene Chloride	4.0	U	4.0	5.0
Styrene	0.98	U	0.98	1.0
1,1,2,2-Tetrachloroethane	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
Tetrachloroethene	0.34	U	0.34	1.0
Toluene	0.51	U	0.51	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.28	U	0.28	1.0
Trichlorofluoromethane	0.98	U	0.98	1.0
1,2,3-Trichloropropane	0.15	U	0.15	1.0
Vinyl acetate	1.5	U	1.5	10

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB34I

Lab Sample ID: 660-7427-18
Client Matrix: Water

Date Sampled: 02/23/2006 0828
Date Received: 02/24/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2006 0523
Date Prepared: 03/07/2006 0523

Analysis Batch: 660-21755

Instrument ID: BVMJ GC/MS
Lab File ID: 2JC0641.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.30	U	0.30	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	93	74 - 126
Dibromofluoromethane	97	70 - 130
Toluene-d8	112	77 - 122

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB34S

Lab Sample ID: 660-7427-19
Client Matrix: Water

Date Sampled: 02/23/2006 0746
Date Received: 02/24/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2006 0548
Date Prepared: 03/07/2006 0548

Analysis Batch: 660-21755

Instrument ID: BVMJ GC/MS
Lab File ID: 2JC0642.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.52	I	0.27	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	0.66	U	0.66	1.0
Methyl Ethyl Ketone	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Bromochloromethane	0.58	U	0.58	1.0
Chloroethane	0.80	U	0.80	1.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	0.64	U	0.64	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
Dibromochloromethane	0.34	U	0.34	1.0
Methylene bromide	0.41	U	0.41	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
4-Methyl-2-pentanone	3.8	U	3.8	10
Methylene Chloride	4.0	U	4.0	5.0
Styrene	0.98	U	0.98	1.0
1,1,2,2-Tetrachloroethane	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
Tetrachloroethene	0.34	U	0.34	1.0
Toluene	0.51	U	0.51	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.28	U	0.28	1.0
Trichlorofluoromethane	0.98	U	0.98	1.0
1,2,3-Trichloropropane	0.15	U	0.15	1.0
Vinyl acetate	1.5	U	1.5	10

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: **MWB34S**

Lab Sample ID: 660-7427-19
Client Matrix: Water

Date Sampled: 02/23/2006 0746
Date Received: 02/24/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2006 0548
Date Prepared: 03/07/2006 0548

Analysis Batch: 660-21755

Instrument ID: BVMJ GC/MS
Lab File ID: 2JC0642.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.30	U	0.30	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	94	74 - 126
Dibromofluoromethane	100	70 - 130
Toluene-d8	112	77 - 122

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB33S

Lab Sample ID: 660-7427-20
Client Matrix: Water

Date Sampled: 02/23/2006 1120
Date Received: 02/24/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2006 0613
Date Prepared: 03/07/2006 0613

Analysis Batch: 660-21755

Instrument ID: BVMJ GC/MS
Lab File ID: 2JC0643.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.27	U	0.27	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	0.66	U	0.66	1.0
Methyl Ethyl Ketone	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Bromochloromethane	0.58	U	0.58	1.0
Chloroethane	0.80	U	0.80	1.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	0.64	U	0.64	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
Dibromochloromethane	0.34	U	0.34	1.0
Methylene bromide	0.41	U	0.41	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
4-Methyl-2-pentanone	3.8	U	3.8	10
Methylene Chloride	4.0	U	4.0	5.0
Styrene	0.98	U	0.98	1.0
1,1,2,2-Tetrachloroethane	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
Tetrachloroethene	0.34	U	0.34	1.0
Toluene	0.51	U	0.51	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.28	U	0.28	1.0
Trichlorofluoromethane	0.98	U	0.98	1.0
1,2,3-Trichloropropane	0.15	U	0.15	1.0
Vinyl acetate	1.5	U	1.5	10

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: **MWB33S**

Lab Sample ID: 660-7427-20
Client Matrix: Water

Date Sampled: 02/23/2006 1120
Date Received: 02/24/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2006 0613
Date Prepared: 03/07/2006 0613

Analysis Batch: 660-21755

Instrument ID: BVMJ GC/MS
Lab File ID: 2JC0643.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.30	U	0.30	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	93	74 - 126
Dibromofluoromethane	98	70 - 130
Toluene-d8	110	77 - 122

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB32D

Lab Sample ID: 660-7427-21
Client Matrix: Water

Date Sampled: 02/23/2006 1027
Date Received: 02/24/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2006 0637
Date Prepared: 03/07/2006 0637

Analysis Batch: 660-21755

Instrument ID: BVMJ GC/MS
Lab File ID: 2JC0644.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.27	U	0.27	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	0.66	U	0.66	1.0
Methyl Ethyl Ketone	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Bromochloromethane	0.58	U	0.58	1.0
Chloroethane	0.80	U	0.80	1.0
Chloroform	0.90	U	0.90	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
Chloromethane	0.64	U	0.64	1.0
Dibromochloromethane	0.34	U	0.34	1.0
Methylene bromide	0.41	U	0.41	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
4-Methyl-2-pentanone	3.8	U	3.8	10
Methylene Chloride	4.0	U	4.0	5.0
Styrene	0.98	U	0.98	1.0
1,1,2,2-Tetrachloroethane	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
Tetrachloroethene	0.34	U	0.34	1.0
Toluene	0.51	U	0.51	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.28	U	0.28	1.0
Trichlorofluoromethane	0.98	U	0.98	1.0
1,2,3-Trichloropropane	0.15	U	0.15	1.0
Vinyl acetate	1.5	U	1.5	10

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: **MWB32D**

Lab Sample ID: 660-7427-21
Client Matrix: Water

Date Sampled: 02/23/2006 1027
Date Received: 02/24/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2006 0637
Date Prepared: 03/07/2006 0637

Analysis Batch: 660-21755

Instrument ID: BVMJ GC/MS
Lab File ID: 2JC0644.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.30	U	0.30	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	97	74 - 126
Dibromofluoromethane	99	70 - 130
Toluene-d8	112	77 - 122

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB32I

Lab Sample ID: 660-7427-22
Client Matrix: Water

Date Sampled: 02/23/2006 1004
Date Received: 02/24/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2006 0702
Date Prepared: 03/07/2006 0702

Analysis Batch: 660-21755

Instrument ID: BVMJ GC/MS
Lab File ID: 2JC0645.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.27	U	0.27	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	0.66	U	0.66	1.0
Methyl Ethyl Ketone	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Bromochloromethane	0.58	U	0.58	1.0
Chloroethane	0.80	U	0.80	1.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	0.64	U	0.64	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
Dibromochloromethane	0.34	U	0.34	1.0
Methylene bromide	0.41	U	0.41	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
4-Methyl-2-pentanone	3.8	U	3.8	10
Methylene Chloride	4.0	U	4.0	5.0
Styrene	0.98	U	0.98	1.0
1,1,2,2-Tetrachloroethane	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
Tetrachloroethene	0.34	U	0.34	1.0
Toluene	0.51	U	0.51	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.28	U	0.28	1.0
Trichlorofluoromethane	0.98	U	0.98	1.0
1,2,3-Trichloropropane	0.15	U	0.15	1.0
Vinyl acetate	1.5	U	1.5	10

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB32I

Lab Sample ID: 660-7427-22
Client Matrix: Water

Date Sampled: 02/23/2006 1004
Date Received: 02/24/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2006 0702
Date Prepared: 03/07/2006 0702

Analysis Batch: 660-21755

Instrument ID: BVMJ GC/MS
Lab File ID: 2JC0645.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.30	U	0.30	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	96	74 - 126
Dibromofluoromethane	98	70 - 130
Toluene-d8	112	77 - 122

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB32S

Lab Sample ID: 660-7427-23
Client Matrix: Water

Date Sampled: 02/23/2006 0920
Date Received: 02/24/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2006 0727
Date Prepared: 03/07/2006 0727

Analysis Batch: 660-21755

Instrument ID: BVMJ GC/MS
Lab File ID: 2JC0646.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.27	U	0.27	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	0.66	U	0.66	1.0
Methyl Ethyl Ketone	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Bromochloromethane	0.58	U	0.58	1.0
Chloroethane	0.80	U	0.80	1.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	0.64	U	0.64	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
Dibromochloromethane	0.34	U	0.34	1.0
Methylene bromide	0.41	U	0.41	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
4-Methyl-2-pentanone	3.8	U	3.8	10
Methylene Chloride	4.0	U	4.0	5.0
Styrene	0.98	U	0.98	1.0
1,1,2,2-Tetrachloroethane	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
Tetrachloroethene	0.34	U	0.34	1.0
Toluene	0.51	U	0.51	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.28	U	0.28	1.0
Trichlorofluoromethane	0.98	U	0.98	1.0
1,2,3-Trichloropropane	0.15	U	0.15	1.0
Vinyl acetate	1.5	U	1.5	10

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: **MWB32S**

Lab Sample ID: 660-7427-23
Client Matrix: Water

Date Sampled: 02/23/2006 0920
Date Received: 02/24/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2006 0727
Date Prepared: 03/07/2006 0727

Analysis Batch: 660-21755

Instrument ID: BVMJ GC/MS
Lab File ID: 2JC0646.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.30	U	0.30	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	97	74 - 126
Dibromofluoromethane	103	70 - 130
Toluene-d8	117	77 - 122

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB17D

Lab Sample ID: 660-7427-24
Client Matrix: Water

Date Sampled: 02/23/2006 1245
Date Received: 02/24/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2006 0752
Date Prepared: 03/07/2006 0752

Analysis Batch: 660-21755

Instrument ID: BVMJ GC/MS
Lab File ID: 2JC0647.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.27	U	0.27	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	0.66	U	0.66	1.0
Methyl Ethyl Ketone	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Bromochloromethane	0.58	U	0.58	1.0
Chloroethane	0.80	U	0.80	1.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	0.64	U	0.64	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
Dibromochloromethane	0.34	U	0.34	1.0
Methylene bromide	0.41	U	0.41	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
4-Methyl-2-pentanone	3.8	U	3.8	10
Methylene Chloride	18		4.0	5.0
Styrene	0.98	U	0.98	1.0
1,1,2,2-Tetrachloroethane	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
Tetrachloroethene	0.34	U	0.34	1.0
Toluene	0.51	U	0.51	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.28	U	0.28	1.0
Trichlorofluoromethane	0.98	U	0.98	1.0
1,2,3-Trichloropropane	0.15	U	0.15	1.0
Vinyl acetate	1.5	U	1.5	10

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB17D

Lab Sample ID: 660-7427-24
Client Matrix: Water

Date Sampled: 02/23/2006 1245
Date Received: 02/24/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2006 0752
Date Prepared: 03/07/2006 0752

Analysis Batch: 660-21755

Instrument ID: BVMJ GC/MS
Lab File ID: 2JC0647.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.30	U	0.30	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	93	74 - 126
Dibromofluoromethane	98	70 - 130
Toluene-d8	110	77 - 122

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: **Field Blank**

Lab Sample ID: 660-7427-25
Client Matrix: Water

Date Sampled: 02/23/2006 1315
Date Received: 02/24/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2006 0817
Date Prepared: 03/07/2006 0817

Analysis Batch: 660-21755

Instrument ID: BVMJ GC/MS
Lab File ID: 2JC0648.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.27	U	0.27	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	0.66	U	0.66	1.0
Methyl Ethyl Ketone	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Bromochloromethane	0.58	U	0.58	1.0
Chloroethane	0.80	U	0.80	1.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	0.64	U	0.64	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
Dibromochloromethane	0.34	U	0.34	1.0
Methylene bromide	0.41	U	0.41	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
4-Methyl-2-pentanone	3.8	U	3.8	10
Methylene Chloride	4.0	U	4.0	5.0
Styrene	0.98	U	0.98	1.0
1,1,2,2-Tetrachloroethane	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
Tetrachloroethene	0.34	U	0.34	1.0
Toluene	0.51	U	0.51	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.28	U	0.28	1.0
Trichlorofluoromethane	0.98	U	0.98	1.0
1,2,3-Trichloropropane	0.15	U	0.15	1.0
Vinyl acetate	1.5	U	1.5	10

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: Field Blank

Lab Sample ID: 660-7427-25
Client Matrix: Water

Date Sampled: 02/23/2006 1315
Date Received: 02/24/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2006 0817
Date Prepared: 03/07/2006 0817

Analysis Batch: 660-21755

Instrument ID: BVMJ GC/MS
Lab File ID: 2JC0648.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.30	U	0.30	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	97	74 - 126
Dibromofluoromethane	101	70 - 130
Toluene-d8	114	77 - 122

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: **Equipment Blank**

Lab Sample ID: 660-7427-26
Client Matrix: Water

Date Sampled: 02/23/2006 1325
Date Received: 02/24/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/03/2006 2055
Date Prepared: 03/03/2006 2055

Analysis Batch: 660-21634

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0312.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.27	U	0.27	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	0.66	U	0.66	1.0
Methyl Ethyl Ketone	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Bromochloromethane	0.58	U	0.58	1.0
Chloroethane	0.80	U	0.80	1.0
Chloroform	0.90	U	0.90	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
Chloromethane	0.64	U	0.64	1.0
Dibromochloromethane	0.34	U	0.34	1.0
Methylene bromide	0.41	U	0.41	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
4-Methyl-2-pentanone	3.8	U	3.8	10
Methylene Chloride	4.0	U	4.0	5.0
Styrene	0.98	U	0.98	1.0
1,1,2,2-Tetrachloroethane	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
Tetrachloroethene	0.34	U	0.34	1.0
Toluene	0.51	U	0.51	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.28	U	0.28	1.0
Trichlorofluoromethane	0.98	U	0.98	1.0
1,2,3-Trichloropropane	0.15	U	0.15	1.0
Vinyl acetate	1.5	U	1.5	10

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: **Equipment Blank**

Lab Sample ID: 660-7427-26
Client Matrix: Water

Date Sampled: 02/23/2006 1325
Date Received: 02/24/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/03/2006 2055
Date Prepared: 03/03/2006 2055

Analysis Batch: 660-21634

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0312.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.30	U	0.30	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	77	74 - 126
Dibromofluoromethane	78	70 - 130
Toluene-d8	85	77 - 122

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: **Trip Blank**

Lab Sample ID: 660-7427-27
Client Matrix: Water

Date Sampled: 02/23/2006 0000
Date Received: 02/24/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/03/2006 2030
Date Prepared: 03/03/2006 2030

Analysis Batch: 660-21634

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0311.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.27	U	0.27	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	0.66	U	0.66	1.0
Methyl Ethyl Ketone	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Bromochloromethane	0.58	U	0.58	1.0
Chloroethane	0.80	U	0.80	1.0
Chloroform	0.90	U	0.90	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
Chloromethane	0.64	U	0.64	1.0
Dibromochloromethane	0.34	U	0.34	1.0
Methylene bromide	0.41	U	0.41	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
4-Methyl-2-pentanone	3.8	U	3.8	10
Methylene Chloride	4.0	U	4.0	5.0
Styrene	0.98	U	0.98	1.0
1,1,2,2-Tetrachloroethane	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
Tetrachloroethene	0.34	U	0.34	1.0
Toluene	0.51	U	0.51	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.28	U	0.28	1.0
Trichlorofluoromethane	0.98	U	0.98	1.0
1,2,3-Trichloropropane	0.15	U	0.15	1.0
Vinyl acetate	1.5	U	1.5	10

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: **Trip Blank**

Lab Sample ID: 660-7427-27
Client Matrix: Water

Date Sampled: 02/23/2006 0000
Date Received: 02/24/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/03/2006 2030
Date Prepared: 03/03/2006 2030

Analysis Batch: 660-21634

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0311.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.30	U	0.30	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	76	74 - 126
Dibromofluoromethane	79	70 - 130
Toluene-d8	84	77 - 122

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: **MWB13I**

Lab Sample ID: 660-7427-1
Client Matrix: Water

Date Sampled: 02/23/2006 0733
Date Received: 02/24/2006 0915

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1
Preparation: 504.1
Dilution: 1.0
Date Analyzed: 03/08/2006 1518
Date Prepared: 03/07/2006 1400

Analysis Batch: 660-21882
Prep Batch: 660-21770

Instrument ID: HP 5890 Series II ECD1/2
Lab File ID: 1C08S007.D
Initial Weight/Volume: 34.2380 g
Final Weight/Volume: 3 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0031	U	0.0031	0.020
Ethylene Dibromide	0.0089	U	0.0089	0.020

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: **MWB31D**

Lab Sample ID: 660-7427-2
Client Matrix: Water

Date Sampled: 02/23/2006 0806
Date Received: 02/24/2006 0915

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1
Preparation: 504.1
Dilution: 1.0
Date Analyzed: 03/08/2006 0553
Date Prepared: 03/07/2006 1400

Analysis Batch: 660-21882
Prep Batch: 660-21770

Instrument ID: HP 5890 Series II ECD1/2
Lab File ID: 1C07S052.D
Initial Weight/Volume: 34.5722 g
Final Weight/Volume: 3 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0030	U	0.0030	0.020
Ethylene Dibromide	0.0088	U	0.0088	0.020

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB3S

Lab Sample ID: 660-7427-3
Client Matrix: Water

Date Sampled: 02/23/2006 0842
Date Received: 02/24/2006 0915

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1
Preparation: 504.1
Dilution: 1.0
Date Analyzed: 03/08/2006 1651
Date Prepared: 03/07/2006 1400

Analysis Batch: 660-21882
Prep Batch: 660-21770

Instrument ID: HP 5890 Series II ECD1/2
Lab File ID: 1C08S011.D
Initial Weight/Volume: 34.1487 g
Final Weight/Volume: 3 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0031	U	0.0031	0.020
Ethylene Dibromide	0.0089	U	0.0089	0.020

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: **MWB3I**

Lab Sample ID: 660-7427-4
Client Matrix: Water

Date Sampled: 02/23/2006 0924
Date Received: 02/24/2006 0915

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1
Preparation: 504.1
Dilution: 1.0
Date Analyzed: 03/08/2006 0703
Date Prepared: 03/07/2006 1400

Analysis Batch: 660-21882
Prep Batch: 660-21770

Instrument ID: HP 5890 Series II ECD1/2
Lab File ID: 1C07S055.D
Initial Weight/Volume: 33.4510 g
Final Weight/Volume: 3 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0031	U	0.0031	0.021
Ethylene Dibromide	0.0091	U	0.0091	0.021

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB7I

Lab Sample ID: 660-7427-5
Client Matrix: Water

Date Sampled: 02/23/2006 1004
Date Received: 02/24/2006 0915

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1
Preparation: 504.1
Dilution: 1.0
Date Analyzed: 03/08/2006 0726
Date Prepared: 03/07/2006 1400

Analysis Batch: 660-21882
Prep Batch: 660-21770

Instrument ID: HP 5890 Series II ECD1/2
Lab File ID: 1C07S056.D
Initial Weight/Volume: 34.9122 g
Final Weight/Volume: 3 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0030	U	0.0030	0.020
Ethylene Dibromide	0.0087	U	0.0087	0.020

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: **MWB7D**

Lab Sample ID: 660-7427-6
Client Matrix: Water

Date Sampled: 02/23/2006 1023
Date Received: 02/24/2006 0915

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1
Preparation: 504.1
Dilution: 1.0
Date Analyzed: 03/08/2006 0749
Date Prepared: 03/07/2006 1400

Analysis Batch: 660-21882
Prep Batch: 660-21770

Instrument ID: HP 5890 Series II ECD1/2
Lab File ID: 1C07S057.D
Initial Weight/Volume: 34.2070 g
Final Weight/Volume: 3 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0031	U	0.0031	0.020
Ethylene Dibromide	0.0089	U	0.0089	0.020

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB7S

Lab Sample ID: 660-7427-7
Client Matrix: Water

Date Sampled: 02/23/2006 1045
Date Received: 02/24/2006 0915

504.1 EDB, DBCP, and 123TCP In Water by Microextraction and Gas Chromatography

Method: 504.1
Preparation: 504.1
Dilution: 1.0
Date Analyzed: 03/08/2006 0812
Date Prepared: 03/07/2006 1400

Analysis Batch: 660-21882
Prep Batch: 660-21770

Instrument ID: HP 5890 Series II ECD1/2
Lab File ID: 1C07S058.D
Initial Weight/Volume: 32.6179 g
Final Weight/Volume: 3 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0032	U	0.0032	0.021
Ethylene Dibromide	0.0093	U	0.0093	0.021

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: **MWB13S**

Lab Sample ID: 660-7427-8
Client Matrix: Water

Date Sampled: 02/23/2006 1101
Date Received: 02/24/2006 0915

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1
Preparation: 504.1
Dilution: 1.0
Date Analyzed: 03/08/2006 0836
Date Prepared: 03/07/2006 1400

Analysis Batch: 660-21882
Prep Batch: 660-21770

Instrument ID: HP 5890 Series II ECD1/2
Lab File ID: 1C07S059.D
Initial Weight/Volume: 34.9157 g
Final Weight/Volume: 3 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0030	U	0.0030	0.020
Ethylene Dibromide	0.0087	U	0.0087	0.020

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB11I (R)

Lab Sample ID: 660-7427-9
Client Matrix: Water

Date Sampled: 02/23/2006 1147
Date Received: 02/24/2006 0915

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1
Preparation: 504.1
Dilution: 1.0
Date Analyzed: 03/08/2006 1031
Date Prepared: 03/07/2006 1400

Analysis Batch: 660-21882
Prep Batch: 660-21770

Instrument ID: HP 5890 Series II ECD1/2
Lab File ID: 1C07S063.D
Initial Weight/Volume: 32.6943 g
Final Weight/Volume: 3 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0032	U	0.0032	0.021
Ethylene Dibromide	0.0093	U	0.0093	0.021

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: Dup 02

Lab Sample ID: 660-7427-10
Client Matrix: Water

Date Sampled: 02/23/2006 1147
Date Received: 02/24/2006 0915

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1
Preparation: 504.1
Dilution: 1.0
Date Analyzed: 03/08/2006 1054
Date Prepared: 03/07/2006 1400

Analysis Batch: 660-21882
Prep Batch: 660-21770

Instrument ID: HP 5890 Series II ECD1/2
Lab File ID: 1C07S064.D
Initial Weight/Volume: 33.9969 g
Final Weight/Volume: 3 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0031	U	0.0031	0.021
Ethylene Dibromide	0.0090	U	0.0090	0.021

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB11S

Lab Sample ID: 660-7427-11
Client Matrix: Water

Date Sampled: 02/23/2006 1208
Date Received: 02/24/2006 0915

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1
Preparation: 504.1
Dilution: 1.0
Date Analyzed: 03/08/2006 1117
Date Prepared: 03/07/2006 1400

Analysis Batch: 660-21882
Prep Batch: 660-21770

Instrument ID: HP 5890 Series II ECD1/2
Lab File ID: 1C07S065.D
Initial Weight/Volume: 34.2397 g
Final Weight/Volume: 3 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0031	U	0.0031	0.020
Ethylene Dibromide	0.0089	U	0.0089	0.020

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB20S

Lab Sample ID: 660-7427-12
Client Matrix: Water

Date Sampled: 02/23/2006 1229
Date Received: 02/24/2006 0915

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1
Preparation: 504.1
Dilution: 1.0
Date Analyzed: 03/08/2006 1203
Date Prepared: 03/07/2006 1400

Analysis Batch: 660-21882
Prep Batch: 660-21770

Instrument ID: HP 5890 Series II ECD1/2
Lab File ID: 1C07S067.D
Initial Weight/Volume: 33.1434 g
Final Weight/Volume: 3 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0032	U	0.0032	0.021
Ethylene Dibromide	0.0092	U	0.0092	0.021

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: **MWB21S**

Lab Sample ID: 660-7427-13
Client Matrix: Water

Date Sampled: 02/23/2006 1254
Date Received: 02/24/2006 0915

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1
Preparation: 504.1
Dilution: 1.0
Date Analyzed: 03/08/2006 1227
Date Prepared: 03/07/2006 1400

Analysis Batch: 660-21882
Prep Batch: 660-21770

Instrument ID: HP 5890 Series II ECD1/2
Lab File ID: 1C07S068.D
Initial Weight/Volume: 33.4332 g
Final Weight/Volume: 3 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0031	U	0.0031	0.021
Ethylene Dibromide	0.0091	U	0.0091	0.021

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: **MWB17S**

Lab Sample ID: 660-7427-14
Client Matrix: Water

Date Sampled: 02/23/2006 1218
Date Received: 02/24/2006 0915

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1
Preparation: 504.1
Dilution: 1.0
Date Analyzed: 03/08/2006 1628
Date Prepared: 03/07/2006 1400

Analysis Batch: 660-21882
Prep Batch: 660-21770

Instrument ID: HP 5890 Series II ECD1/2
Lab File ID: 1C08S010.D
Initial Weight/Volume: 32.1780 g
Final Weight/Volume: 3 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0033	U	0.0033	0.022
Ethylene Dibromide	0.0095	U	0.0095	0.022

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: **Dup 03**

Lab Sample ID: 660-7427-15
Client Matrix: Water

Date Sampled: 02/23/2006 1218
Date Received: 02/24/2006 0915

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1
Preparation: 504.1
Dilution: 1.0
Date Analyzed: 03/08/2006 1730
Date Prepared: 03/07/2006 1400

Analysis Batch: 660-21882
Prep Batch: 660-21770

Instrument ID: HP 5890 Series II ECD1/2
Lab File ID: 1C08S012.D
Initial Weight/Volume: 32.3040 g
Final Weight/Volume: 3 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0033	U	0.0033	0.022
Ethylene Dibromide	0.0094	U	0.0094	0.022

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB17I

Lab Sample ID: 660-7427-16
Client Matrix: Water

Date Sampled: 02/23/2006 1305
Date Received: 02/24/2006 0915

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1
Preparation: 504.1
Dilution: 1.0
Date Analyzed: 03/08/2006 1754
Date Prepared: 03/07/2006 1400

Analysis Batch: 660-21882
Prep Batch: 660-21770

Instrument ID: HP 5890 Series II ECD1/2
Lab File ID: 1C08S013.D
Initial Weight/Volume: 34.3059 g
Final Weight/Volume: 3 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0031	U	0.0031	0.020
Ethylene Dibromide	0.0089	U	0.0089	0.020

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB34D

Lab Sample ID: 660-7427-17
Client Matrix: Water

Date Sampled: 02/23/2006 0756
Date Received: 02/24/2006 0915

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1
Preparation: 504.1
Dilution: 1.0
Date Analyzed: 03/08/2006 1817
Date Prepared: 03/07/2006 1400

Analysis Batch: 660-21882
Prep Batch: 660-21770

Instrument ID: HP 5890 Series II ECD1/2
Lab File ID: 1C08S014.D
Initial Weight/Volume: 34.6745 g
Final Weight/Volume: 3 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0030	U	0.0030	0.020
Ethylene Dibromide	0.0088	U	0.0088	0.020

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB34I

Lab Sample ID: 660-7427-18
Client Matrix: Water

Date Sampled: 02/23/2006 0828
Date Received: 02/24/2006 0915

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1
Preparation: 504.1
Dilution: 1.0
Date Analyzed: 03/09/2006 0202
Date Prepared: 03/08/2006 1500

Analysis Batch: 660-21890
Prep Batch: 660-21839

Instrument ID: HP 5890 Series II ECD1/2
Lab File ID: 1C08S034.D
Initial Weight/Volume: 35.9197 g
Final Weight/Volume: 3 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0029	U	0.0029	0.019
Ethylene Dibromide	0.0085	U	0.0085	0.019

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: **MWB34S**

Lab Sample ID: 660-7427-19
Client Matrix: Water

Date Sampled: 02/23/2006 0746
Date Received: 02/24/2006 0915

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1
Preparation: 504.1
Dilution: 1.0
Date Analyzed: 03/09/2006 0312
Date Prepared: 03/08/2006 1500

Analysis Batch: 660-21890
Prep Batch: 660-21839

Instrument ID: HP 5890 Series II ECD1/2
Lab File ID: 1C08S037.D
Initial Weight/Volume: 33.3135 g
Final Weight/Volume: 3 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0032	U	0.0032	0.021
Ethylene Dibromide	0.0091	U	0.0091	0.021

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: **MWB33S**

Lab Sample ID: 660-7427-20
Client Matrix: Water

Date Sampled: 02/23/2006 1120
Date Received: 02/24/2006 0915

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1
Preparation: 504.1
Dilution: 1.0
Date Analyzed: 03/09/2006 0358
Date Prepared: 03/08/2006 1500

Analysis Batch: 660-21890
Prep Batch: 660-21839

Instrument ID: HP 5890 Series II ECD1/2
Lab File ID: 1C08S039.D
Initial Weight/Volume: 33.9389 g
Final Weight/Volume: 3 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0031	U	0.0031	0.021
Ethylene Dibromide	0.0090	U	0.0090	0.021

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: **MWB32D**

Lab Sample ID: 660-7427-21
Client Matrix: Water

Date Sampled: 02/23/2006 1027
Date Received: 02/24/2006 0915

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1
Preparation: 504.1
Dilution: 1.0
Date Analyzed: 03/09/2006 0421
Date Prepared: 03/08/2006 1500

Analysis Batch: 660-21890
Prep Batch: 660-21839

Instrument ID: HP 5890 Series II ECD1/2
Lab File ID: 1C08S040.D
Initial Weight/Volume: 35.2109 g
Final Weight/Volume: 3 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0030	U	0.0030	0.020
Ethylene Dibromide	0.0086	U	0.0086	0.020

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: **MWB32I**

Lab Sample ID: 660-7427-22
Client Matrix: Water

Date Sampled: 02/23/2006 1004
Date Received: 02/24/2006 0915

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1
Preparation: 504.1
Dilution: 1.0
Date Analyzed: 03/09/2006 0445
Date Prepared: 03/08/2006 1500

Analysis Batch: 660-21890
Prep Batch: 660-21839

Instrument ID: HP 5890 Series II ECD1/2
Lab File ID: 1C08S041.D
Initial Weight/Volume: 34.2048 g
Final Weight/Volume: 3 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0031	U	0.0031	0.020
Ethylene Dibromide	0.0089	U	0.0089	0.020

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB32S

Lab Sample ID: 660-7427-23
Client Matrix: Water

Date Sampled: 02/23/2006 0920
Date Received: 02/24/2006 0915

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1
Preparation: 504.1
Dilution: 1.0
Date Analyzed: 03/09/2006 0508
Date Prepared: 03/08/2006 1500

Analysis Batch: 660-21890
Prep Batch: 660-21839

Instrument ID: HP 5890 Series II ECD1/2
Lab File ID: 1C08S042.D
Initial Weight/Volume: 32.2565 g
Final Weight/Volume: 3 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0033	U	0.0033	0.022
Ethylene Dibromide	0.0094	U	0.0094	0.022

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB17D

Lab Sample ID: 660-7427-24
Client Matrix: Water

Date Sampled: 02/23/2006 1245
Date Received: 02/24/2006 0915

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1
Preparation: 504.1
Dilution: 1.0
Date Analyzed: 03/09/2006 0531
Date Prepared: 03/08/2006 1500

Analysis Batch: 660-21890
Prep Batch: 660-21839

Instrument ID: HP 5890 Series II ECD1/2
Lab File ID: 1C08S043.D
Initial Weight/Volume: 33.6720 g
Final Weight/Volume: 3 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0031	U	0.0031	0.021
Ethylene Dibromide	0.0090	U	0.0090	0.021

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: **Field Blank**

Lab Sample ID: 660-7427-25
Client Matrix: Water

Date Sampled: 02/23/2006 1315
Date Received: 02/24/2006 0915

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1
Preparation: 504.1
Dilution: 1.0
Date Analyzed: 03/09/2006 0554
Date Prepared: 03/08/2006 1500

Analysis Batch: 660-21890
Prep Batch: 660-21839

Instrument ID: HP 5890 Series II ECD1/2
Lab File ID: 1C08S044.D
Initial Weight/Volume: 33.8439 g
Final Weight/Volume: 3 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0031	U	0.0031	0.021
Ethylene Dibromide	0.0090	U	0.0090	0.021

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: **Equipment Blank**

Lab Sample ID: 660-7427-26
Client Matrix: Water

Date Sampled: 02/23/2006 1325
Date Received: 02/24/2006 0915

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1
Preparation: 504.1
Dilution: 1.0
Date Analyzed: 03/09/2006 0617
Date Prepared: 03/08/2006 1500

Analysis Batch: 660-21890
Prep Batch: 660-21839

Instrument ID: HP 5890 Series II ECD1/2
Lab File ID: 1C08S045.D
Initial Weight/Volume: 34.7515 g
Final Weight/Volume: 3 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0030	U	0.0030	0.020
Ethylene Dibromide	0.0088	U	0.0088	0.020

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: **Trip Blank**

Lab Sample ID: 660-7427-27
Client Matrix: Water

Date Sampled: 02/23/2006 0000
Date Received: 02/24/2006 0915

504.1 EDB, DBCP, and 123TCP In Water by Microextraction and Gas Chromatography

Method: 504.1
Preparation: 504.1
Dilution: 1.0
Date Analyzed: 03/09/2006 0727
Date Prepared: 03/08/2006 1500

Analysis Batch: 660-21890
Prep Batch: 660-21839

Instrument ID: HP 5890 Series II ECD1/2
Lab File ID: 1C08S048.D
Initial Weight/Volume: 33.3667 g
Final Weight/Volume: 3 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0031	U	0.0031	0.021
Ethylene Dibromide	0.0091	U	0.0091	0.021

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB13I

Lab Sample ID: 660-7427-1
Client Matrix: Water

Date Sampled: 02/23/2006 0733
Date Received: 02/24/2006 0915

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method:	200.7 Rev 4.4	Analysis Batch: 660-21640		Instrument ID:	TJA ICP TRACE
Preparation:	200.7 Appx C	Prep Batch: 660-21517		Lab File ID:	6C06A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/06/2006 1851			Final Weight/Volume:	50 mL
Date Prepared:	03/02/2006 1636				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	3.2		0.31	0.50

Method:	200.7 Rev 4.4	Analysis Batch: 660-21640		Instrument ID:	TJA ICP TRACE
Preparation:	200.7 Appx C	Prep Batch: 660-21517		Lab File ID:	6C06A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/06/2006 1851			Final Weight/Volume:	50 mL
Date Prepared:	03/02/2006 1636				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Silver	1.9	U	1.9	10
Arsenic	4.8	U	4.8	10
Barium	36		1.2	10
Beryllium	0.74	U	0.74	4.0
Cadmium	0.71	U	0.71	5.0
Cobalt	1.6	U	1.6	10
Chromium	3.4	I	1.7	10
Copper	2.9	U	2.9	20
Iron	480		22	50
Nickel	4.7	U	4.7	40
Antimony	3.6	U	3.6	6.0
Lead	1.6	U	1.6	5.0
Selenium	5.9	U	5.9	10
Vanadium	3.1	I	2.5	10
Zinc	5.9	U	5.9	20

200.8 ICPMS Metals by 200.8 CWA-Total Recoverable

Method:	200.8	Analysis Batch: 680-37821		Instrument ID:	ICP MS
Preparation:	4.1.4	Prep Batch: 680-37379		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/02/2006 0646			Final Weight/Volume:	250 mL
Date Prepared:	02/27/2006 1211				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.70	I	0.25	1.0

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB13I

Lab Sample ID:	660-7427-1	Date Sampled:	02/23/2006 0733
Client Matrix:	Water	Date Received:	02/24/2006 0915

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch: 660-21493		Instrument ID:	Hg Analyzer
Preparation:	245.1	Prep Batch: 660-21448		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/02/2006 1236			Final Weight/Volume:	50 mL
Date Prepared:	03/02/2006 0815				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.072	U	0.072	0.20

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB31D

Lab Sample ID: 660-7427-2
Client Matrix: Water

Date Sampled: 02/23/2006 0806
Date Received: 02/24/2006 0915

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 1846
Date Prepared: 03/02/2006 1636

Analysis Batch: 660-21640
Prep Batch: 660-21517

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	6.2		0.31	0.50

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 1846
Date Prepared: 03/02/2006 1636

Analysis Batch: 660-21640
Prep Batch: 660-21517

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Silver	1.9	U	1.9	10
Arsenic	4.8	U	4.8	10
Barium	82		1.2	10
Beryllium	0.74	U	0.74	4.0
Cadmium	0.71	U	0.71	5.0
Cobalt	1.6	U	1.6	10
Chromium	1.7	U	1.7	10
Copper	2.9	U	2.9	20
Iron	49	I	22	50
Nickel	4.7	U	4.7	40
Antimony	3.7	I	3.6	6.0
Lead	1.6	U	1.6	5.0
Selenium	5.9	U	5.9	10
Vanadium	2.5	U	2.5	10
Zinc	5.9	U	5.9	20

200.8 ICPMS Metals by 200.8 CWA-Total Recoverable

Method: 200.8
Preparation: 4.1.4
Dilution: 1.0
Date Analyzed: 03/02/2006 0722
Date Prepared: 02/27/2006 1211

Analysis Batch: 680-37821
Prep Batch: 680-37379

Instrument ID: ICP MS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.74	I	0.25	1.0

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB31D

Lab Sample ID:	660-7427-2	Date Sampled:	02/23/2006 0806
Client Matrix:	Water	Date Received:	02/24/2006 0915

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch: 660-21493		Instrument ID:	Hg Analyzer
Preparation:	245.1	Prep Batch: 660-21448		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/02/2006 1238			Final Weight/Volume:	50 mL
Date Prepared:	03/02/2006 0815				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.072	U	0.072	0.20

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB3S

Lab Sample ID: 660-7427-3
Client Matrix: Water

Date Sampled: 02/23/2006 0842
Date Received: 02/24/2006 0915

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 1840
Date Prepared: 03/02/2006 1636

Analysis Batch: 660-21640
Prep Batch: 660-21517

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	3.1		0.31	0.50

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 1840
Date Prepared: 03/02/2006 1636

Analysis Batch: 660-21640
Prep Batch: 660-21517

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Silver	1.9	U	1.9	10
Arsenic	4.8	U	4.8	10
Barium	12		1.2	10
Beryllium	0.74	U	0.74	4.0
Cadmium	0.71	U	0.71	5.0
Cobalt	2.2	I	1.6	10
Chromium	1.7	U	1.7	10
Copper	2.9	U	2.9	20
Iron	480		22	50
Nickel	4.7	U	4.7	40
Antimony	3.6	U	3.6	6.0
Lead	1.6	U	1.6	5.0
Selenium	5.9	U	5.9	10
Vanadium	2.5	U	2.5	10
Zinc	5.9	U	5.9	20

200.8 ICPMS Metals by 200.8 CWA-Total Recoverable

Method: 200.8
Preparation: 4.1.4
Dilution: 1.0
Date Analyzed: 03/02/2006 0729
Date Prepared: 02/27/2006 1211

Analysis Batch: 680-37821
Prep Batch: 680-37379

Instrument ID: ICP MS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.28	I	0.25	1.0

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB3S

Lab Sample ID:	660-7427-3	Date Sampled:	02/23/2006 0842
Client Matrix:	Water	Date Received:	02/24/2006 0915

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch: 660-21493		Instrument ID:	Hg Analyzer
Preparation:	245.1	Prep Batch: 660-21448		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/02/2006 1240			Final Weight/Volume:	50 mL
Date Prepared:	03/02/2006 0815				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.072	U	0.072	0.20

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB3I

Lab Sample ID: 660-7427-4
Client Matrix: Water

Date Sampled: 02/23/2006 0924
Date Received: 02/24/2006 0915

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 1824
Date Prepared: 03/02/2006 1636

Analysis Batch: 660-21640
Prep Batch: 660-21517

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	3.2		0.31	0.50

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 1824
Date Prepared: 03/02/2006 1636

Analysis Batch: 660-21640
Prep Batch: 660-21517

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Silver	1.9	U	1.9	10
Arsenic	4.8	U	4.8	10
Barium	22		1.2	10
Beryllium	0.74	U	0.74	4.0
Cadmium	0.71	U	0.71	5.0
Cobalt	1.6	U	1.6	10
Chromium	1.7	U	1.7	10
Copper	2.9	U	2.9	20
Iron	660		22	50
Nickel	4.7	U	4.7	40
Antimony	3.6	U	3.6	6.0
Lead	1.6	U	1.6	5.0
Selenium	5.9	U	5.9	10
Vanadium	2.5	U	2.5	10
Zinc	5.9	U	5.9	20

200.8 ICPMS Metals by 200.8 CWA-Total Recoverable

Method: 200.8
Preparation: 4.1.4
Dilution: 1.0
Date Analyzed: 03/02/2006 0751
Date Prepared: 02/27/2006 1211

Analysis Batch: 680-37821
Prep Batch: 680-37379

Instrument ID: ICP MS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.25	I	0.25	1.0

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB3I

Lab Sample ID:	660-7427-4	Date Sampled:	02/23/2006 0924
Client Matrix:	Water	Date Received:	02/24/2006 0915

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch: 660-21493		Instrument ID:	Hg Analyzer
Preparation:	245.1	Prep Batch: 660-21448		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/02/2006 1241			Final Weight/Volume:	50 mL
Date Prepared:	03/02/2006 0815				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.072	U	0.072	0.20

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB7I

Lab Sample ID: 660-7427-5
Client Matrix: Water

Date Sampled: 02/23/2006 1004
Date Received: 02/24/2006 0915

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 1818
Date Prepared: 03/02/2006 1636

Analysis Batch: 660-21640
Prep Batch: 660-21517

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	3.1		0.31	0.50

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 1818
Date Prepared: 03/02/2006 1636

Analysis Batch: 660-21640
Prep Batch: 660-21517

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Silver	1.9	U	1.9	10
Arsenic	4.8	U	4.8	10
Barium	53		1.2	10
Beryllium	0.74	U	0.74	4.0
Cadmium	0.71	U	0.71	5.0
Cobalt	1.6	U	1.6	10
Chromium	1.7	U	1.7	10
Copper	2.9	U	2.9	20
Iron	370		22	50
Nickel	4.7	U	4.7	40
Antimony	3.6	U	3.6	6.0
Lead	1.6	U	1.6	5.0
Selenium	5.9	U	5.9	10
Vanadium	2.5	U	2.5	10
Zinc	5.9	U	5.9	20

200.8 ICPMS Metals by 200.8 CWA-Total Recoverable

Method: 200.8
Preparation: 4.1.4
Dilution: 1.0
Date Analyzed: 03/02/2006 0758
Date Prepared: 02/27/2006 1211

Analysis Batch: 680-37821
Prep Batch: 680-37379

Instrument ID: ICP MS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.25	U	0.25	1.0

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB7I

Lab Sample ID:	660-7427-5	Date Sampled:	02/23/2006 1004
Client Matrix:	Water	Date Received:	02/24/2006 0915

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch: 660-21493		Instrument ID:	Hg Analyzer
Preparation:	245.1	Prep Batch: 660-21448		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/02/2006 1243			Final Weight/Volume:	50 mL
Date Prepared:	03/02/2006 0815				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.072	U	0.072	0.20

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB7D

Lab Sample ID: 660-7427-6
Client Matrix: Water

Date Sampled: 02/23/2006 1023
Date Received: 02/24/2006 0915

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 1813
Date Prepared: 03/02/2006 1636

Analysis Batch: 660-21640
Prep Batch: 660-21517

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	4.7		0.31	0.50

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 1813
Date Prepared: 03/02/2006 1636

Analysis Batch: 660-21640
Prep Batch: 660-21517

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Silver	1.9	U	1.9	10
Arsenic	4.8	U	4.8	10
Barium	81		1.2	10
Beryllium	0.74	U	0.74	4.0
Cadmium	0.71	U	0.71	5.0
Cobalt	1.6	U	1.6	10
Chromium	1.7	U	1.7	10
Copper	2.9	U	2.9	20
Iron	190		22	50
Nickel	4.7	U	4.7	40
Antimony	3.6	U	3.6	6.0
Lead	1.6	U	1.6	5.0
Selenium	5.9	U	5.9	10
Vanadium	2.5	U	2.5	10
Zinc	5.9	U	5.9	20

200.8 ICPMS Metals by 200.8 CWA-Total Recoverable

Method: 200.8
Preparation: 4.1.4
Dilution: 1.0
Date Analyzed: 03/02/2006 0805
Date Prepared: 02/27/2006 1211

Analysis Batch: 680-37821
Prep Batch: 680-37379

Instrument ID: ICP MS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.25	U	0.25	1.0

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB7D

Lab Sample ID:	660-7427-6	Date Sampled:	02/23/2006 1023
Client Matrix:	Water	Date Received:	02/24/2006 0915

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch: 660-21493		Instrument ID:	Hg Analyzer
Preparation:	245.1	Prep Batch: 660-21448		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/02/2006 1244			Final Weight/Volume:	50 mL
Date Prepared:	03/02/2006 0815				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.072	U	0.072	0.20

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB7S

Lab Sample ID: 660-7427-7
Client Matrix: Water

Date Sampled: 02/23/2006 1045
Date Received: 02/24/2006 0915

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method:	200.7 Rev 4.4	Analysis Batch: 660-21640	Instrument ID: TJA ICP TRACE
Preparation:	200.7 Appx C	Prep Batch: 660-21517	Lab File ID: 6C06A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	03/06/2006 1807		Final Weight/Volume: 50 mL
Date Prepared:	03/02/2006 1636		

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	5.2		0.31	0.50

Method:	200.7 Rev 4.4	Analysis Batch: 660-21640	Instrument ID: TJA ICP TRACE
Preparation:	200.7 Appx C	Prep Batch: 660-21517	Lab File ID: 6C06A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	03/06/2006 1807		Final Weight/Volume: 50 mL
Date Prepared:	03/02/2006 1636		

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Silver	1.9	U	1.9	10
Arsenic	4.8	U	4.8	10
Barium	5.4	I	1.2	10
Beryllium	0.74	U	0.74	4.0
Cadmium	0.71	U	0.71	5.0
Cobalt	1.6	U	1.6	10
Chromium	1.7	U	1.7	10
Copper	2.9	U	2.9	20
Iron	110		22	50
Nickel	4.7	U	4.7	40
Antimony	3.6	U	3.6	6.0
Lead	1.6	U	1.6	5.0
Selenium	5.9	U	5.9	10
Vanadium	2.6	I	2.5	10
Zinc	5.9	U	5.9	20

200.8 ICPMS Metals by 200.8 CWA-Total Recoverable

Method:	200.8	Analysis Batch: 680-37821	Instrument ID: ICP MS
Preparation:	4.1.4	Prep Batch: 680-37379	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	03/02/2006 0813		Final Weight/Volume: 250 mL
Date Prepared:	02/27/2006 1211		

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.25	U	0.25	1.0

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB7S

Lab Sample ID:	660-7427-7	Date Sampled:	02/23/2006 1045
Client Matrix:	Water	Date Received:	02/24/2006 0915

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch: 660-21493		Instrument ID:	Hg Analyzer
Preparation:	245.1	Prep Batch: 660-21448		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/02/2006 1249			Final Weight/Volume:	50 mL
Date Prepared:	03/02/2006 0815				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.072	U	0.072	0.20

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB13S

Lab Sample ID: 660-7427-8
Client Matrix: Water

Date Sampled: 02/23/2006 1101
Date Received: 02/24/2006 0915

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 1802
Date Prepared: 03/02/2006 1636

Analysis Batch: 660-21640
Prep Batch: 660-21517

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	10		0.31	0.50

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 1802
Date Prepared: 03/02/2006 1636

Analysis Batch: 660-21640
Prep Batch: 660-21517

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Silver	1.9	U	1.9	10
Arsenic	4.8	U	4.8	10
Barium	11		1.2	10
Beryllium	0.74	U	0.74	4.0
Cadmium	0.71	U	0.71	5.0
Cobalt	1.9	I	1.6	10
Chromium	6.0	I	1.7	10
Copper	19	I	2.9	20
Iron	760		22	50
Nickel	4.7	U	4.7	40
Antimony	3.6	U	3.6	6.0
Lead	1.6	U	1.6	5.0
Selenium	31		5.9	10
Vanadium	47		2.5	10
Zinc	7.2	I	5.9	20

200.8 ICPMS Metals by 200.8 CWA-Total Recoverable

Method: 200.8
Preparation: 4.1.4
Dilution: 1.0
Date Analyzed: 03/02/2006 0820
Date Prepared: 02/27/2006 1211

Analysis Batch: 680-37821
Prep Batch: 680-37379

Instrument ID: ICP MS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.25	U	0.25	1.0

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB13S

Lab Sample ID:	660-7427-8	Date Sampled:	02/23/2006 1101
Client Matrix:	Water	Date Received:	02/24/2006 0915

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch: 660-21493		Instrument ID:	Hg Analyzer
Preparation:	245.1	Prep Batch: 660-21448		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/02/2006 1250			Final Weight/Volume:	50 mL
Date Prepared:	03/02/2006 0815				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.072	U	0.072	0.20

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB11I (R)

Lab Sample ID: 660-7427-9
Client Matrix: Water

Date Sampled: 02/23/2006 1147
Date Received: 02/24/2006 0915

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 1756
Date Prepared: 03/02/2006 1636

Analysis Batch: 660-21640
Prep Batch: 660-21517

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	3.1		0.31	0.50

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 1756
Date Prepared: 03/02/2006 1636

Analysis Batch: 660-21640
Prep Batch: 660-21517

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Silver	1.9	U	1.9	10
Arsenic	4.8	U	4.8	10
Barium	75		1.2	10
Beryllium	0.74	U	0.74	4.0
Cadmium	0.71	U	0.71	5.0
Cobalt	1.6	U	1.6	10
Chromium	25		1.7	10
Copper	2.9	U	2.9	20
Iron	1500		22	50
Nickel	4.7	U	4.7	40
Antimony	3.6	U	3.6	6.0
Lead	7.1		1.6	5.0
Selenium	5.9	U	5.9	10
Vanadium	38		2.5	10
Zinc	6.1	I	5.9	20

200.8 ICPMS Metals by 200.8 CWA-Total Recoverable

Method: 200.8
Preparation: 4.1.4
Dilution: 1.0
Date Analyzed: 03/02/2006 0827
Date Prepared: 02/27/2006 1211

Analysis Batch: 680-37821
Prep Batch: 680-37379

Instrument ID: ICP MS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.25	U	0.25	1.0

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB11I (R)

Lab Sample ID:	660-7427-9	Date Sampled:	02/23/2006 1147
Client Matrix:	Water	Date Received:	02/24/2006 0915

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch: 660-21493		Instrument ID:	Hg Analyzer
Preparation:	245.1	Prep Batch: 660-21448		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/02/2006 1252			Final Weight/Volume:	50 mL
Date Prepared:	03/02/2006 0815				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.072	U	0.072	0.20

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: Dup 02

Lab Sample ID:	660-7427-10	Date Sampled:	02/23/2006 1147
Client Matrix:	Water	Date Received:	02/24/2006 0915

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method:	200.7 Rev 4.4	Analysis Batch: 660-21640		Instrument ID:	TJA ICP TRACE
Preparation:	200.7 Appx C	Prep Batch: 660-21517		Lab File ID:	6C06A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/06/2006 1751			Final Weight/Volume:	50 mL
Date Prepared:	03/02/2006 1636				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	3.0		0.31	0.50

Method:	200.7 Rev 4.4	Analysis Batch: 660-21640		Instrument ID:	TJA ICP TRACE
Preparation:	200.7 Appx C	Prep Batch: 660-21517		Lab File ID:	6C06A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/06/2006 1751			Final Weight/Volume:	50 mL
Date Prepared:	03/02/2006 1636				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Silver	1.9	U	1.9	10
Arsenic	4.8	U	4.8	10
Barium	75		1.2	10
Beryllium	0.74	U	0.74	4.0
Cadmium	0.71	U	0.71	5.0
Cobalt	1.6	U	1.6	10
Chromium	25		1.7	10
Copper	2.9	U	2.9	20
Iron	1500		22	50
Nickel	4.7	U	4.7	40
Antimony	3.6	U	3.6	6.0
Lead	6.0		1.6	5.0
Selenium	5.9	U	5.9	10
Vanadium	37		2.5	10
Zinc	6.5	I	5.9	20

200.8 ICPMS Metals by 200.8 CWA-Total Recoverable

Method:	200.8	Analysis Batch: 680-37821		Instrument ID:	ICP MS
Preparation:	4.1.4	Prep Batch: 680-37379		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/02/2006 0834			Final Weight/Volume:	250 mL
Date Prepared:	02/27/2006 1211				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.25	U	0.25	1.0

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: Dup 02

Lab Sample ID:	660-7427-10	Date Sampled:	02/23/2006 1147
Client Matrix:	Water	Date Received:	02/24/2006 0915

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch: 660-21493		Instrument ID:	Hg Analyzer
Preparation:	245.1	Prep Batch: 660-21448		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/02/2006 1254			Final Weight/Volume:	50 mL
Date Prepared:	03/02/2006 0815				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.072	U	0.072	0.20

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB11S

Lab Sample ID: 660-7427-11
Client Matrix: Water

Date Sampled: 02/23/2006 1208
Date Received: 02/24/2006 0915

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 1745
Date Prepared: 03/02/2006 1636

Analysis Batch: 660-21640
Prep Batch: 660-21517

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	8.0		0.31	0.50

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 1745
Date Prepared: 03/02/2006 1636

Analysis Batch: 660-21640
Prep Batch: 660-21517

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Silver	1.9	U	1.9	10
Arsenic	4.8	U	4.8	10
Barium	81		1.2	10
Beryllium	0.74	U	0.74	4.0
Cadmium	0.71	U	0.71	5.0
Cobalt	1.8	I	1.6	10
Chromium	1.7	U	1.7	10
Copper	2.9	U	2.9	20
Iron	1000		22	50
Nickel	4.7	U	4.7	40
Antimony	3.6	U	3.6	6.0
Lead	1.6	U	1.6	5.0
Selenium	5.9	U	5.9	10
Vanadium	2.5	U	2.5	10
Zinc	5.9	U	5.9	20

200.8 ICPMS Metals by 200.8 CWA-Total Recoverable

Method: 200.8
Preparation: 4.1.4
Dilution: 1.0
Date Analyzed: 03/02/2006 0842
Date Prepared: 02/27/2006 1211

Analysis Batch: 680-37821
Prep Batch: 680-37379

Instrument ID: ICP MS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.25	U	0.25	1.0

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB11S

Lab Sample ID:	660-7427-11	Date Sampled:	02/23/2006 1208
Client Matrix:	Water	Date Received:	02/24/2006 0915

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch: 660-21493		Instrument ID:	Hg Analyzer
Preparation:	245.1	Prep Batch: 660-21448		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/02/2006 1255			Final Weight/Volume:	50 mL
Date Prepared:	03/02/2006 0815				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.072	U	0.072	0.20

Client Sample ID: MWB20S

Lab Sample ID: 660-7427-12
Client Matrix: Water

Date Sampled: 02/23/2006 1229
Date Received: 02/24/2006 0915

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 1740
Date Prepared: 03/02/2006 1636

Analysis Batch: 660-21640
Prep Batch: 660-21517

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	4.1		0.31	0.50

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 1740
Date Prepared: 03/02/2006 1636

Analysis Batch: 660-21640
Prep Batch: 660-21517

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Silver	1.9	U	1.9	10
Arsenic	4.8	U	4.8	10
Barium	17		1.2	10
Beryllium	0.74	U	0.74	4.0
Cadmium	0.71	U	0.71	5.0
Cobalt	1.7	I	1.6	10
Chromium	1.7	U	1.7	10
Copper	2.9	U	2.9	20
Iron	400		22	50
Nickel	4.7	U	4.7	40
Antimony	3.6	U	3.6	6.0
Lead	1.6	U	1.6	5.0
Selenium	5.9	U	5.9	10
Vanadium	2.5	U	2.5	10
Zinc	5.9	U	5.9	20

200.8 ICPMS Metals by 200.8 CWA-Total Recoverable

Method: 200.8
Preparation: 4.1.4
Dilution: 1.0
Date Analyzed: 03/02/2006 0849
Date Prepared: 02/27/2006 1211

Analysis Batch: 680-37821
Prep Batch: 680-37379

Instrument ID: ICP MS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.25	U	0.25	1.0

Analytical Data

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB20S

Lab Sample ID: 660-7427-12
Client Matrix: Water

Date Sampled: 02/23/2006 1229
Date Received: 02/24/2006 0915

245.1 Mercury in Water by CVAA

Method: 245.1
Preparation: 245.1
Dilution: 1.0
Date Analyzed: 03/02/2006 1257
Date Prepared: 03/02/2006 0815

Analysis Batch: 660-21493
Prep Batch: 660-21448

Instrument ID: Hg Analyzer
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.072	U	0.072	0.20

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB21S

Lab Sample ID: 660-7427-13
Client Matrix: Water

Date Sampled: 02/23/2006 1254
Date Received: 02/24/2006 0915

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 1734
Date Prepared: 03/02/2006 1636

Analysis Batch: 660-21640
Prep Batch: 660-21517

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	3.0		0.31	0.50

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 1734
Date Prepared: 03/02/2006 1636

Analysis Batch: 660-21640
Prep Batch: 660-21517

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Silver	1.9	U	1.9	10
Arsenic	4.8	U	4.8	10
Barium	18		1.2	10
Beryllium	0.74	U	0.74	4.0
Cadmium	0.71	U	0.71	5.0
Cobalt	1.6	U	1.6	10
Chromium	1.7	U	1.7	10
Copper	2.9	U	2.9	20
Iron	600		22	50
Nickel	4.7	U	4.7	40
Antimony	3.6	U	3.6	6.0
Lead	1.6	U	1.6	5.0
Selenium	5.9	U	5.9	10
Vanadium	2.5	U	2.5	10
Zinc	5.9	U	5.9	20

200.8 ICPMS Metals by 200.8 CWA-Total Recoverable

Method: 200.8
Preparation: 4.1.4
Dilution: 1.0
Date Analyzed: 03/02/2006 0856
Date Prepared: 02/27/2006 1211

Analysis Batch: 680-37821
Prep Batch: 680-37379

Instrument ID: ICP MS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.25	U	0.25	1.0

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB21S

Lab Sample ID:	660-7427-13	Date Sampled:	02/23/2006 1254
Client Matrix:	Water	Date Received:	02/24/2006 0915

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch: 660-21493		Instrument ID:	Hg Analyzer
Preparation:	245.1	Prep Batch: 660-21449		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/02/2006 1304			Final Weight/Volume:	50 mL
Date Prepared:	03/02/2006 0816				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.072	U	0.072	0.20

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB17S

Lab Sample ID: 660-7427-14
Client Matrix: Water

Date Sampled: 02/23/2006 1218
Date Received: 02/24/2006 0915

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 1718
Date Prepared: 03/02/2006 1636

Analysis Batch: 660-21640
Prep Batch: 660-21517

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	3.6		0.31	0.50

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 1718
Date Prepared: 03/02/2006 1636

Analysis Batch: 660-21640
Prep Batch: 660-21517

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Silver	1.9	U	1.9	10
Arsenic	4.8	U	4.8	10
Barium	3.1	I	1.2	10
Beryllium	0.74	U	0.74	4.0
Cadmium	0.71	U	0.71	5.0
Cobalt	1.7	I	1.6	10
Chromium	1.8	I	1.7	10
Copper	2.9	U	2.9	20
Iron	150		22	50
Nickel	4.7	U	4.7	40
Antimony	3.6	U	3.6	6.0
Lead	1.6	U	1.6	5.0
Selenium	5.9	U	5.9	10
Vanadium	2.5	U	2.5	10
Zinc	5.9	U	5.9	20

200.8 ICPMS Metals by 200.8 CWA-Total Recoverable

Method: 200.8
Preparation: 4.1.4
Dilution: 1.0
Date Analyzed: 03/02/2006 0918
Date Prepared: 02/27/2006 1211

Analysis Batch: 680-37821
Prep Batch: 680-37379

Instrument ID: ICP MS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.28	I	0.25	1.0

Analytical Data

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB17S

Lab Sample ID:	660-7427-14	Date Sampled:	02/23/2006 1218
Client Matrix:	Water	Date Received:	02/24/2006 0915

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch: 660-21493		Instrument ID:	Hg Analyzer
Preparation:	245.1	Prep Batch: 660-21449		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/02/2006 1313			Final Weight/Volume:	50 mL
Date Prepared:	03/02/2006 0816				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.072	U	0.072	0.20

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: Dup 03

Lab Sample ID: 660-7427-15
Client Matrix: Water

Date Sampled: 02/23/2006 1218
Date Received: 02/24/2006 0915

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 1712
Date Prepared: 03/02/2006 1636

Analysis Batch: 660-21640
Prep Batch: 660-21517

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	3.7		0.31	0.50

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 1712
Date Prepared: 03/02/2006 1636

Analysis Batch: 660-21640
Prep Batch: 660-21517

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Silver	1.9	U	1.9	10
Arsenic	4.8	U	4.8	10
Barium	3.3	I	1.2	10
Beryllium	0.74	U	0.74	4.0
Cadmium	0.71	U	0.71	5.0
Cobalt	1.6	U	1.6	10
Chromium	1.7	U	1.7	10
Copper	2.9	U	2.9	20
Iron	160		22	50
Nickel	4.7	U	4.7	40
Antimony	3.6	U	3.6	6.0
Lead	1.6	U	1.6	5.0
Selenium	5.9	U	5.9	10
Vanadium	2.5	U	2.5	10
Zinc	5.9	U	5.9	20

200.8 ICPMS Metals by 200.8 CWA-Total Recoverable

Method: 200.8
Preparation: 4.1.4
Dilution: 1.0
Date Analyzed: 03/02/2006 0951
Date Prepared: 02/27/2006 1211

Analysis Batch: 680-37821
Prep Batch: 680-37379

Instrument ID: ICP MS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.25	U	0.25	1.0

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: Dup 03

Lab Sample ID:	660-7427-15	Date Sampled:	02/23/2006 1218
Client Matrix:	Water	Date Received:	02/24/2006 0915

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch: 660-21493		Instrument ID:	Hg Analyzer
Preparation:	245.1	Prep Batch: 660-21449		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/02/2006 1315			Final Weight/Volume:	50 mL
Date Prepared:	03/02/2006 0816				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.072	U	0.072	0.20

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB17I

Lab Sample ID: 660-7427-16
Client Matrix: Water

Date Sampled: 02/23/2006 1305
Date Received: 02/24/2006 0915

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 1707
Date Prepared: 03/02/2006 1636

Analysis Batch: 660-21640
Prep Batch: 660-21517

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	3.2		0.31	0.50

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 1707
Date Prepared: 03/02/2006 1636

Analysis Batch: 660-21640
Prep Batch: 660-21517

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Silver	1.9	U	1.9	10
Arsenic	4.8	U	4.8	10
Barium	38		1.2	10
Beryllium	0.74	U	0.74	4.0
Cadmium	0.71	U	0.71	5.0
Cobalt	1.6	U	1.6	10
Chromium	1.7	U	1.7	10
Copper	2.9	U	2.9	20
Iron	390		22	50
Nickel	4.7	U	4.7	40
Antimony	3.6	U	3.6	6.0
Lead	1.6	U	1.6	5.0
Selenium	5.9	U	5.9	10
Vanadium	2.5	U	2.5	10
Zinc	5.9	U	5.9	20

200.8 ICPMS Metals by 200.8 CWA-Total Recoverable

Method: 200.8
Preparation: 4.1.4
Dilution: 1.0
Date Analyzed: 03/02/2006 0958
Date Prepared: 02/27/2006 1211

Analysis Batch: 680-37821
Prep Batch: 680-37379

Instrument ID: ICP MS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.25	U	0.25	1.0

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB17I

Lab Sample ID:	660-7427-16	Date Sampled:	02/23/2006 1305
Client Matrix:	Water	Date Received:	02/24/2006 0915

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch: 660-21493		Instrument ID:	Hg Analyzer
Preparation:	245.1	Prep Batch: 660-21449		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/02/2006 1316			Final Weight/Volume:	50 mL
Date Prepared:	03/02/2006 0816				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.072	U	0.072	0.20

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB34D

Lab Sample ID: 660-7427-17
Client Matrix: Water

Date Sampled: 02/23/2006 0756
Date Received: 02/24/2006 0915

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 1701
Date Prepared: 03/02/2006 1636

Analysis Batch: 660-21640
Prep Batch: 660-21517

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	6.1		0.31	0.50

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 1701
Date Prepared: 03/02/2006 1636

Analysis Batch: 660-21640
Prep Batch: 660-21517

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Silver	1.9	U	1.9	10
Arsenic	4.8	U	4.8	10
Barium	100		1.2	10
Beryllium	0.74	U	0.74	4.0
Cadmium	0.71	U	0.71	5.0
Cobalt	1.6	U	1.6	10
Chromium	1.7	U	1.7	10
Copper	2.9	U	2.9	20
Iron	480		22	50
Nickel	4.7	U	4.7	40
Antimony	3.6	U	3.6	6.0
Lead	1.6	U	1.6	5.0
Selenium	5.9	U	5.9	10
Vanadium	2.5	U	2.5	10
Zinc	5.9	U	5.9	20

200.8 ICPMS Metals by 200.8 CWA-Total Recoverable

Method: 200.8
Preparation: 4.1.4
Dilution: 1.0
Date Analyzed: 03/02/2006 0944
Date Prepared: 02/27/2006 1211

Analysis Batch: 680-37821
Prep Batch: 680-37379

Instrument ID: ICP MS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.25	U	0.25	1.0

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB34D

Lab Sample ID:	660-7427-17	Date Sampled:	02/23/2006 0756
Client Matrix:	Water	Date Received:	02/24/2006 0915

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch: 660-21493		Instrument ID:	Hg Analyzer
Preparation:	245.1	Prep Batch: 660-21449		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/02/2006 1318			Final Weight/Volume:	50 mL
Date Prepared:	03/02/2006 0816				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.072	U	0.072	0.20

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB34I

Lab Sample ID:	660-7427-18	Date Sampled:	02/23/2006 0828
Client Matrix:	Water	Date Received:	02/24/2006 0915

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method:	200.7 Rev 4.4	Analysis Batch: 660-21640		Instrument ID:	TJA ICP TRACE
Preparation:	200.7 Appx C	Prep Batch: 660-21517		Lab File ID:	6C06A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/06/2006 1656			Final Weight/Volume:	50 mL
Date Prepared:	03/02/2006 1636				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	3.3		0.31	0.50

Method:	200.7 Rev 4.4	Analysis Batch: 660-21640		Instrument ID:	TJA ICP TRACE
Preparation:	200.7 Appx C	Prep Batch: 660-21517		Lab File ID:	6C06A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/06/2006 1656			Final Weight/Volume:	50 mL
Date Prepared:	03/02/2006 1636				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Silver	1.9	U	1.9	10
Arsenic	4.8	U	4.8	10
Barium	53		1.2	10
Beryllium	0.74	U	0.74	4.0
Cadmium	0.71	U	0.71	5.0
Cobalt	1.6	U	1.6	10
Chromium	2.1	I	1.7	10
Copper	2.9	U	2.9	20
Iron	590		22	50
Nickel	4.7	U	4.7	40
Antimony	3.6	U	3.6	6.0
Lead	1.6	U	1.6	5.0
Selenium	5.9	U	5.9	10
Vanadium	2.5	U	2.5	10
Zinc	5.9	U	5.9	20

200.8 ICPMS Metals by 200.8 CWA-Total Recoverable

Method:	200.8	Analysis Batch: 680-37821		Instrument ID:	ICP MS
Preparation:	4.1.4	Prep Batch: 680-37379		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/02/2006 1005			Final Weight/Volume:	250 mL
Date Prepared:	02/27/2006 1211				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.25	U	0.25	1.0

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB34I

Lab Sample ID:	660-7427-18	Date Sampled:	02/23/2006 0828
Client Matrix:	Water	Date Received:	02/24/2006 0915

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch: 660-21493		Instrument ID:	Hg Analyzer
Preparation:	245.1	Prep Batch: 660-21449		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/02/2006 1319			Final Weight/Volume:	50 mL
Date Prepared:	03/02/2006 0816				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.072	U	0.072	0.20

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB34S

Lab Sample ID: 660-7427-19
Client Matrix: Water

Date Sampled: 02/23/2006 0746
Date Received: 02/24/2006 0915

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 1650
Date Prepared: 03/02/2006 1636

Analysis Batch: 660-21640
Prep Batch: 660-21517

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	86		0.31	0.50

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 1650
Date Prepared: 03/02/2006 1636

Analysis Batch: 660-21640
Prep Batch: 660-21517

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Silver	1.9	U	1.9	10
Arsenic	4.8	U	4.8	10
Barium	7.3	I	1.2	10
Beryllium	0.74	U	0.74	4.0
Cadmium	0.71	U	0.71	5.0
Cobalt	1.7	I	1.6	10
Chromium	3.7	I	1.7	10
Copper	19	I	2.9	20
Iron	120		22	50
Nickel	5.7	I	4.7	40
Antimony	4.6	I	3.6	6.0
Lead	1.6	U	1.6	5.0
Selenium	5.9	U	5.9	10
Vanadium	22		2.5	10
Zinc	79		5.9	20

200.8 ICPMS Metals by 200.8 CWA-Total Recoverable

Method: 200.8
Preparation: 4.1.4
Dilution: 1.0
Date Analyzed: 03/02/2006 1013
Date Prepared: 02/27/2006 1211

Analysis Batch: 680-37821
Prep Batch: 680-37379

Instrument ID: ICP MS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.25	U	0.25	1.0

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB34S

Lab Sample ID:	660-7427-19	Date Sampled:	02/23/2006 0746
Client Matrix:	Water	Date Received:	02/24/2006 0915

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch: 660-21493		Instrument ID:	Hg Analyzer
Preparation:	245.1	Prep Batch: 660-21449		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/02/2006 1321			Final Weight/Volume:	50 mL
Date Prepared:	03/02/2006 0816				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.072	U	0.072	0.20

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB33S

Lab Sample ID: 660-7427-20
Client Matrix: Water

Date Sampled: 02/23/2006 1120
Date Received: 02/24/2006 0915

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 1634
Date Prepared: 03/02/2006 1636

Analysis Batch: 660-21640
Prep Batch: 660-21517

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	5.1		0.31	0.50

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 1634
Date Prepared: 03/02/2006 1636

Analysis Batch: 660-21640
Prep Batch: 660-21517

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Silver	1.9	U	1.9	10
Arsenic	4.8	U	4.8	10
Barium	30		1.2	10
Beryllium	0.74	U	0.74	4.0
Cadmium	0.71	U	0.71	5.0
Cobalt	1.6	U	1.6	10
Chromium	1.7	U	1.7	10
Copper	2.9	U	2.9	20
Iron	650		22	50
Nickel	4.7	U	4.7	40
Antimony	3.6	U	3.6	6.0
Lead	1.6	U	1.6	5.0
Selenium	5.9	U	5.9	10
Vanadium	3.3	I	2.5	10
Zinc	5.9	U	5.9	20

200.8 ICPMS Metals by 200.8 CWA-Total Recoverable

Method: 200.8
Preparation: 4.1.4
Dilution: 1.0
Date Analyzed: 03/02/2006 1020
Date Prepared: 02/27/2006 1211

Analysis Batch: 680-37821
Prep Batch: 680-37379

Instrument ID: ICP MS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.25	U	0.25	1.0

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB33S

Lab Sample ID:	660-7427-20	Date Sampled:	02/23/2006 1120
Client Matrix:	Water	Date Received:	02/24/2006 0915

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch: 660-21493		Instrument ID:	Hg Analyzer
Preparation:	245.1	Prep Batch: 660-21449		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/02/2006 1322			Final Weight/Volume:	50 mL
Date Prepared:	03/02/2006 0816				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.072	U	0.072	0.20

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB32D

Lab Sample ID: 660-7427-21
Client Matrix: Water

Date Sampled: 02/23/2006 1027
Date Received: 02/24/2006 0915

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/07/2006 1007
Date Prepared: 03/02/2006 1641

Analysis Batch: 660-21727
Prep Batch: 660-21519

Instrument ID: TJA ICP TRACE
Lab File ID: 6C07A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	5.1		0.31	0.50

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/07/2006 1007
Date Prepared: 03/02/2006 1641

Analysis Batch: 660-21727
Prep Batch: 660-21519

Instrument ID: TJA ICP TRACE
Lab File ID: 6C07A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Silver	1.9	U	1.9	10
Arsenic	4.8	U	4.8	10
Barium	98		1.2	10
Beryllium	0.74	U	0.74	4.0
Cadmium	0.71	U	0.71	5.0
Cobalt	1.6	U	1.6	10
Chromium	8.8	I	1.7	10
Copper	5.6	I	2.9	20
Iron	2300		22	50
Nickel	4.7	U	4.7	40
Antimony	3.6	U	3.6	6.0
Lead	6.8		1.6	5.0
Selenium	5.9	U	5.9	10
Vanadium	9.7	I	2.5	10
Zinc	5.9	U	5.9	20

200.8 ICPMS Metals by 200.8 CWA-Total Recoverable

Method: 200.8
Preparation: 4.1.4
Dilution: 1.0
Date Analyzed: 03/02/2006 2110
Date Prepared: 02/28/2006 1040

Analysis Batch: 680-37848
Prep Batch: 680-37477

Instrument ID: ICP MS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.41	I	0.25	1.0

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB32D

Lab Sample ID:	660-7427-21	Date Sampled:	02/23/2006 1027
Client Matrix:	Water	Date Received:	02/24/2006 0915

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch: 660-21493		Instrument ID:	Hg Analyzer
Preparation:	245.1	Prep Batch: 660-21449		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/02/2006 1327			Final Weight/Volume:	50 mL
Date Prepared:	03/02/2006 0816				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.072	U	0.072	0.20

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB32I

Lab Sample ID: 660-7427-22
Client Matrix: Water

Date Sampled: 02/23/2006 1004
Date Received: 02/24/2006 0915

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/07/2006 1024
Date Prepared: 03/02/2006 1641

Analysis Batch: 660-21727
Prep Batch: 660-21519

Instrument ID: TJA ICP TRACE
Lab File ID: 6C07A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	2.7		0.31	0.50

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/07/2006 1024
Date Prepared: 03/02/2006 1641

Analysis Batch: 660-21727
Prep Batch: 660-21519

Instrument ID: TJA ICP TRACE
Lab File ID: 6C07A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Silver	1.9	U	1.9	10
Arsenic	4.8	U	4.8	10
Barium	54		1.2	10
Beryllium	0.74	U	0.74	4.0
Cadmium	0.71	U	0.71	5.0
Cobalt	1.6	U	1.6	10
Chromium	6.0	I	1.7	10
Copper	2.9	U	2.9	20
Iron	530		22	50
Nickel	4.7	U	4.7	40
Antimony	3.6	U	3.6	6.0
Lead	5.5		1.6	5.0
Selenium	5.9	U	5.9	10
Vanadium	6.8	I	2.5	10
Zinc	11	I	5.9	20

200.8 ICPMS Metals by 200.8 CWA-Total Recoverable

Method: 200.8
Preparation: 4.1.4
Dilution: 1.0
Date Analyzed: 03/02/2006 2117
Date Prepared: 02/28/2006 1040

Analysis Batch: 680-37848
Prep Batch: 680-37477

Instrument ID: ICP MS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.25	U	0.25	1.0

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB32I

Lab Sample ID:	660-7427-22	Date Sampled:	02/23/2006 1004
Client Matrix:	Water	Date Received:	02/24/2006 0915

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch: 660-21493		Instrument ID:	Hg Analyzer
Preparation:	245.1	Prep Batch: 660-21449		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/02/2006 1328			Final Weight/Volume:	50 mL
Date Prepared:	03/02/2006 0816				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.072	U	0.072	0.20

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB32S

Lab Sample ID: 660-7427-23
Client Matrix: Water

Date Sampled: 02/23/2006 0920
Date Received: 02/24/2006 0915

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/07/2006 1030
Date Prepared: 03/02/2006 1641

Analysis Batch: 660-21727
Prep Batch: 660-21519

Instrument ID: TJA ICP TRACE
Lab File ID: 6C07A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	5.4		0.31	0.50

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/07/2006 1030
Date Prepared: 03/02/2006 1641

Analysis Batch: 660-21727
Prep Batch: 660-21519

Instrument ID: TJA ICP TRACE
Lab File ID: 6C07A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Silver	1.9	U	1.9	10
Arsenic	4.8	U	4.8	10
Barium	25		1.2	10
Beryllium	0.74	U	0.74	4.0
Cadmium	0.71	U	0.71	5.0
Cobalt	1.7	I	1.6	10
Chromium	2.7	I	1.7	10
Copper	2.9	U	2.9	20
Iron	520		22	50
Nickel	4.7	U	4.7	40
Antimony	3.6	U	3.6	6.0
Lead	1.6	U	1.6	5.0
Selenium	5.9	U	5.9	10
Vanadium	2.8	I	2.5	10
Zinc	5.9	U	5.9	20

200.8 ICPMS Metals by 200.8 CWA-Total Recoverable

Method: 200.8
Preparation: 4.1.4
Dilution: 1.0
Date Analyzed: 03/02/2006 2124
Date Prepared: 02/28/2006 1040

Analysis Batch: 680-37848
Prep Batch: 680-37477

Instrument ID: ICP MS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.25	U	0.25	1.0

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB32S

Lab Sample ID:	660-7427-23	Date Sampled:	02/23/2006 0920
Client Matrix:	Water	Date Received:	02/24/2006 0915

245.1 Mercury In Water by CVAA

Method:	245.1	Analysis Batch: 660-21493		Instrument ID:	Hg Analyzer
Preparation:	245.1	Prep Batch: 660-21449		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/02/2006 1330			Final Weight/Volume:	50 mL
Date Prepared:	03/02/2006 0816				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.072	U	0.072	0.20

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB17D

Lab Sample ID:	660-7427-24	Date Sampled:	02/23/2006 1245
Client Matrix:	Water	Date Received:	02/24/2006 0915

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method:	200.7 Rev 4.4	Analysis Batch: 660-21727		Instrument ID:	TJA ICP TRACE
Preparation:	200.7 Appx C	Prep Batch: 660-21519		Lab File ID:	6C07A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/07/2006 1035			Final Weight/Volume:	50 mL
Date Prepared:	03/02/2006 1641				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	3.1		0.31	0.50

Method:	200.7 Rev 4.4	Analysis Batch: 660-21727		Instrument ID:	TJA ICP TRACE
Preparation:	200.7 Appx C	Prep Batch: 660-21519		Lab File ID:	6C07A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/07/2006 1035			Final Weight/Volume:	50 mL
Date Prepared:	03/02/2006 1641				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Silver	1.9	U	1.9	10
Arsenic	4.8	U	4.8	10
Barium	36		1.2	10
Beryllium	0.74	U	0.74	4.0
Cadmium	0.71	U	0.71	5.0
Cobalt	1.6	U	1.6	10
Chromium	1.7	U	1.7	10
Copper	2.9	U	2.9	20
Iron	510		22	50
Nickel	4.7	U	4.7	40
Antimony	3.6	U	3.6	6.0
Lead	1.6	U	1.6	5.0
Selenium	5.9	U	5.9	10
Vanadium	2.5	U	2.5	10
Zinc	5.9	U	5.9	20

200.8 ICPMS Metals by 200.8 CWA-Total Recoverable

Method:	200.8	Analysis Batch: 680-37848		Instrument ID:	ICP MS
Preparation:	4.1.4	Prep Batch: 680-37477		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/02/2006 2131			Final Weight/Volume:	250 mL
Date Prepared:	02/28/2006 1040				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.25	U	0.25	1.0

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: MWB17D

Lab Sample ID:	660-7427-24	Date Sampled:	02/23/2006 1245
Client Matrix:	Water	Date Received:	02/24/2006 0915

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch: 660-21493		Instrument ID:	Hg Analyzer
Preparation:	245.1	Prep Batch: 660-21449		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/02/2006 1331			Final Weight/Volume:	50 mL
Date Prepared:	03/02/2006 0816				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.072	U	0.072	0.20

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: Field Blank

Lab Sample ID: 660-7427-25
Client Matrix: Water

Date Sampled: 02/23/2006 1315
Date Received: 02/24/2006 0915

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/07/2006 1041
Date Prepared: 03/02/2006 1641

Analysis Batch: 660-21727
Prep Batch: 660-21519

Instrument ID: TJA ICP TRACE
Lab File ID: 6C07A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	0.31	U	0.31	0.50

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/07/2006 1041
Date Prepared: 03/02/2006 1641

Analysis Batch: 660-21727
Prep Batch: 660-21519

Instrument ID: TJA ICP TRACE
Lab File ID: 6C07A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Silver	1.9	U	1.9	10
Arsenic	4.8	U	4.8	10
Barium	1.2	U	1.2	10
Beryllium	0.74	U	0.74	4.0
Cadmium	0.71	U	0.71	5.0
Cobalt	1.6	U	1.6	10
Chromium	1.7	U	1.7	10
Copper	2.9	U	2.9	20
Iron	22	U	22	50
Nickel	4.7	U	4.7	40
Antimony	3.6	U	3.6	6.0
Lead	1.6	U	1.6	5.0
Selenium	5.9	U	5.9	10
Vanadium	2.5	U	2.5	10
Zinc	5.9	U	5.9	20

200.8 ICPMS Metals by 200.8 CWA-Total Recoverable

Method: 200.8
Preparation: 4.1.4
Dilution: 1.0
Date Analyzed: 03/02/2006 2139
Date Prepared: 02/28/2006 1040

Analysis Batch: 680-37848
Prep Batch: 680-37477

Instrument ID: ICP MS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.25	U	0.25	1.0

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: Field Blank

Lab Sample ID:	660-7427-25	Date Sampled:	02/23/2006 1315
Client Matrix:	Water	Date Received:	02/24/2006 0915

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch: 660-21493		Instrument ID:	Hg Analyzer
Preparation:	245.1	Prep Batch: 660-21449		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/02/2006 1333			Final Weight/Volume:	50 mL
Date Prepared:	03/02/2006 0816				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.072	U	0.072	0.20

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: Equipment Blank

Lab Sample ID: 660-7427-26
Client Matrix: Water

Date Sampled: 02/23/2006 1325
Date Received: 02/24/2006 0915

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/07/2006 1047
Date Prepared: 03/02/2006 1641

Analysis Batch: 660-21727
Prep Batch: 660-21519

Instrument ID: TJA ICP TRACE
Lab File ID: 6C07A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	0.31	U	0.31	0.50

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/07/2006 1047
Date Prepared: 03/02/2006 1641

Analysis Batch: 660-21727
Prep Batch: 660-21519

Instrument ID: TJA ICP TRACE
Lab File ID: 6C07A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Silver	1.9	U	1.9	10
Arsenic	4.8	U	4.8	10
Barium	1.2	U	1.2	10
Beryllium	0.74	U	0.74	4.0
Cadmium	0.71	U	0.71	5.0
Cobalt	1.6	U	1.6	10
Chromium	1.7	U	1.7	10
Copper	2.9	U	2.9	20
Iron	22	U	22	50
Nickel	4.7	U	4.7	40
Antimony	3.6	U	3.6	6.0
Lead	1.6	U	1.6	5.0
Selenium	5.9	U	5.9	10
Vanadium	2.5	U	2.5	10
Zinc	5.9	U	5.9	20

200.8 ICPMS Metals by 200.8 CWA-Total Recoverable

Method: 200.8
Preparation: 4.1.4
Dilution: 1.0
Date Analyzed: 03/02/2006 2146
Date Prepared: 02/28/2006 1040

Analysis Batch: 680-37848
Prep Batch: 680-37477

Instrument ID: ICP MS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.25	U	0.25	1.0

Client: HDR Engineering

Job Number: 660-7427-1

Client Sample ID: Equipment Blank

Lab Sample ID:	660-7427-26	Date Sampled:	02/23/2006 1325
Client Matrix:	Water	Date Received:	02/24/2006 0915

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch: 660-21493		Instrument ID:	Hg Analyzer
Preparation:	245.1	Prep Batch: 660-21449		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/02/2006 1335			Final Weight/Volume:	50 mL
Date Prepared:	03/02/2006 0816				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.072	U	0.072	0.20

Field Service / Mobile Lab

Client Sample ID: MWB13I

Lab Sample ID: 660-7427-1
Client Matrix: Water
% Moisture:

Date Sampled: 02/23/2006 0733
Date Received: 02/24/2006 0915

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Field pH	5.11		SU	1.0	Field	660-2133	02/23/2006 0733
Field Temperature	22.4		Degrees C	1.0	Field	660-2133	02/23/2006 0733
Oxygen, Dissolved	1.3		mg/L	1.0	Field	660-2133	02/23/2006 0733
Specific Conductance	37		umhos/cm	1.0	Field	660-2133	02/23/2006 0733
Turbidity	12.5		NTU	1.0	Field	660-2133	02/23/2006 0733
Water Level	108.51		ft	1.0	Field	660-2133	02/23/2006 0733
Well Depth	60.48		ft	1.0	Field	660-2133	02/23/2006 0733

Client Sample ID: MWB31D

Lab Sample ID: 660-7427-2
Client Matrix: Water
% Moisture:

Date Sampled: 02/23/2006 0806
Date Received: 02/24/2006 0915

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Field pH	6.81		SU	1.0	Field	660-2133	02/23/2006 0806
Field Temperature	19.9		Degrees C	1.0	Field	660-2133	02/23/2006 0806
Oxygen, Dissolved	0.7		mg/L	1.0	Field	660-2133	02/23/2006 0806
Specific Conductance	348		umhos/cm	1.0	Field	660-2133	02/23/2006 0806
Turbidity	1.2		NTU	1.0	Field	660-2133	02/23/2006 0806
Water Level	138.40		ft	1.0	Field	660-2133	02/23/2006 0806
Well Depth	129.00		ft	1.0	Field	660-2133	02/23/2006 0806

Field Service / Mobile Lab

Client Sample ID: MWB3S

Lab Sample ID: 660-7427-3
Client Matrix: Water % Moisture:

Date Sampled: 02/23/2006 0842
Date Received: 02/24/2006 0915

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Field pH	4.79		SU	1.0	Field	660-2133	02/23/2006 0842
Field Temperature	17.5		Degrees C	1.0	Field	660-2133	02/23/2006 0842
Oxygen, Dissolved	2.6		mg/L	1.0	Field	660-2133	02/23/2006 0842
Specific Conductance	47		umhos/cm	1.0	Field	660-2133	02/23/2006 0842
Turbidity	2.5		NTU	1.0	Field	660-2133	02/23/2006 0842
Water Level	145.96		ft	1.0	Field	660-2133	02/23/2006 0842
Well Depth	20.00		ft	1.0	Field	660-2133	02/23/2006 0842

Client Sample ID: MWB3I

Lab Sample ID: 660-7427-4
Client Matrix: Water % Moisture:

Date Sampled: 02/23/2006 0924
Date Received: 02/24/2006 0915

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Field pH	4.90		SU	1.0	Field	660-2133	02/23/2006 0924
Field Temperature	20.7		Degrees C	1.0	Field	660-2133	02/23/2006 0924
Oxygen, Dissolved	1.0		mg/L	1.0	Field	660-2133	02/23/2006 0924
Specific Conductance	35		umhos/cm	1.0	Field	660-2133	02/23/2006 0924
Turbidity	0		NTU	1.0	Field	660-2133	02/23/2006 0924
Water Level	139.02		ft	1.0	Field	660-2133	02/23/2006 0924
Well Depth	62.00		ft	1.0	Field	660-2133	02/23/2006 0924

Field Service / Mobile Lab

Client Sample ID: MWB7I

Lab Sample ID: 660-7427-5
Client Matrix: Water
% Moisture:

Date Sampled: 02/23/2006 1004
Date Received: 02/24/2006 0915

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Field pH	5.37		SU	1.0	Field	660-2133	02/23/2006 1004
Field Temperature	22.0		Degrees C	1.0	Field	660-2133	02/23/2006 1004
Oxygen, Dissolved	0.9		mg/L	1.0	Field	660-2133	02/23/2006 1004
Specific Conductance	43		umhos/cm	1.0	Field	660-2133	02/23/2006 1004
Turbidity	0.8		NTU	1.0	Field	660-2133	02/23/2006 1004
Water Level	117.60		ft	1.0	Field	660-2133	02/23/2006 1004
Well Depth	65.00		ft	1.0	Field	660-2133	02/23/2006 1004

Client Sample ID: MWB7D

Lab Sample ID: 660-7427-6
Client Matrix: Water
% Moisture:

Date Sampled: 02/23/2006 1023
Date Received: 02/24/2006 0915

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Field pH	7.39		SU	1.0	Field	660-2133	02/23/2006 1023
Field Temperature	21.7		Degrees C	1.0	Field	660-2133	02/23/2006 1023
Oxygen, Dissolved	0.8		mg/L	1.0	Field	660-2133	02/23/2006 1023
Specific Conductance	342		umhos/cm	1.0	Field	660-2133	02/23/2006 1023
Turbidity	0.1		NTU	1.0	Field	660-2133	02/23/2006 1023
Water Level	120.37		ft	1.0	Field	660-2133	02/23/2006 1023
Well Depth	117.00		ft	1.0	Field	660-2133	02/23/2006 1023

Field Service / Mobile Lab

Client Sample ID: MWB7S

Lab Sample ID: 660-7427-7
Client Matrix: Water % Moisture:

Date Sampled: 02/23/2006 1045
Date Received: 02/24/2006 0915

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Field pH	5.22		SU	1.0	Field	660-2133	02/23/2006 1045
Field Temperature	21.2		Degrees C	1.0	Field	660-2133	02/23/2006 1045
Oxygen, Dissolved	0.9		mg/L	1.0	Field	660-2133	02/23/2006 1045
Specific Conductance	100		umhos/cm	1.0	Field	660-2133	02/23/2006 1045
Turbidity	14.4		NTU	1.0	Field	660-2133	02/23/2006 1045
Water Level	115.34		ft	1.0	Field	660-2133	02/23/2006 1045
Well Depth	20.00		ft	1.0	Field	660-2133	02/23/2006 1045

Client Sample ID: MWB13S

Lab Sample ID: 660-7427-8
Client Matrix: Water % Moisture:

Date Sampled: 02/23/2006 1101
Date Received: 02/24/2006 0915

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Field pH	5.41		SU	1.0	Field	660-2133	02/23/2006 1101
Field Temperature	19.2		Degrees C	1.0	Field	660-2133	02/23/2006 1101
Oxygen, Dissolved	1.8		mg/L	1.0	Field	660-2133	02/23/2006 1101
Specific Conductance	177		umhos/cm	1.0	Field	660-2133	02/23/2006 1101
Turbidity	13.7		NTU	1.0	Field	660-2133	02/23/2006 1101
Water Level	111.86		ft	1.0	Field	660-2133	02/23/2006 1101
Well Depth	26.56		ft	1.0	Field	660-2133	02/23/2006 1101

Field Service / Mobile Lab

Client Sample ID: MWB11I (R)

Lab Sample ID: 660-7427-9
Client Matrix: Water % Moisture:

Date Sampled: 02/23/2006 1147
Date Received: 02/24/2006 0915

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Field pH	5.17		SU	1.0	Field	660-2133	02/23/2006 1147
Field Temperature	23.4		Degrees C	1.0	Field	660-2133	02/23/2006 1147
Oxygen, Dissolved	1.3		mg/L	1.0	Field	660-2133	02/23/2006 1147
Specific Conductance	38		umhos/cm	1.0	Field	660-2133	02/23/2006 1147
Turbidity	46.7		NTU	1.0	Field	660-2133	02/23/2006 1147
Water Level	0		ft	1.0	Field	660-2133	02/23/2006 1147
Well Depth	55.00		ft	1.0	Field	660-2133	02/23/2006 1147

Client Sample ID: MWB11S

Lab Sample ID: 660-7427-11
Client Matrix: Water % Moisture:

Date Sampled: 02/23/2006 1208
Date Received: 02/24/2006 0915

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Field pH	4.10		SU	1.0	Field	660-2133	02/23/2006 1208
Field Temperature	20.2		Degrees C	1.0	Field	660-2133	02/23/2006 1208
Oxygen, Dissolved	1.6		mg/L	1.0	Field	660-2133	02/23/2006 1208
Specific Conductance	165		umhos/cm	1.0	Field	660-2133	02/23/2006 1208
Turbidity	2.0		NTU	1.0	Field	660-2133	02/23/2006 1208
Water Level	109.52		ft	1.0	Field	660-2133	02/23/2006 1208
Well Depth	19.50		ft	1.0	Field	660-2133	02/23/2006 1208

Field Service / Mobile Lab

Client Sample ID: MWB20S

Lab Sample ID: 660-7427-12
Client Matrix: Water % Moisture:

Date Sampled: 02/23/2006 1229
Date Received: 02/24/2006 0915

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Field pH	4.34		SU	1.0	Field	660-2133	02/23/2006 1229
Field Temperature	25.3		Degrees C	1.0	Field	660-2133	02/23/2006 1229
Oxygen, Dissolved	0.9		mg/L	1.0	Field	660-2133	02/23/2006 1229
Specific Conductance	96		umhos/cm	1.0	Field	660-2133	02/23/2006 1229
Turbidity	2.2		NTU	1.0	Field	660-2133	02/23/2006 1229
Water Level	113.40		ft	1.0	Field	660-2133	02/23/2006 1229
Well Depth	20.00		ft	1.0	Field	660-2133	02/23/2006 1229

Client Sample ID: MWB21S

Lab Sample ID: 660-7427-13
Client Matrix: Water % Moisture:

Date Sampled: 02/23/2006 1254
Date Received: 02/24/2006 0915

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Field pH	4.91		SU	1.0	Field	660-2133	02/23/2006 1254
Field Temperature	21.5		Degrees C	1.0	Field	660-2133	02/23/2006 1254
Oxygen, Dissolved	1.0		mg/L	1.0	Field	660-2133	02/23/2006 1254
Specific Conductance	41		umhos/cm	1.0	Field	660-2133	02/23/2006 1254
Turbidity	7.0		NTU	1.0	Field	660-2133	02/23/2006 1254
Water Level	112.30		ft	1.0	Field	660-2133	02/23/2006 1254
Well Depth	18.00		ft	1.0	Field	660-2133	02/23/2006 1254

Field Service / Mobile Lab

Client Sample ID: MWB17S

Lab Sample ID: 660-7427-14
Client Matrix: Water
% Moisture:

Date Sampled: 02/23/2006 1218
Date Received: 02/24/2006 0915

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Field pH	5.25		SU	1.0	Field	660-2133	02/23/2006 1218
Field Temperature	20.8		Degrees C	1.0	Field	660-2133	02/23/2006 1218
Oxygen, Dissolved	2.2		mg/L	1.0	Field	660-2133	02/23/2006 1218
Specific Conductance	55		umhos/cm	1.0	Field	660-2133	02/23/2006 1218
Turbidity	11.9		NTU	1.0	Field	660-2133	02/23/2006 1218
Water Level	130.94		ft	1.0	Field	660-2133	02/23/2006 1218
Well Depth	18.31		ft	1.0	Field	660-2133	02/23/2006 1218

Client Sample ID: MWB17I

Lab Sample ID: 660-7427-16
Client Matrix: Water
% Moisture:

Date Sampled: 02/23/2006 1305
Date Received: 02/24/2006 0915

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Field pH	4.93		SU	1.0	Field	660-2133	02/23/2006 1305
Field Temperature	22.2		Degrees C	1.0	Field	660-2133	02/23/2006 1305
Oxygen, Dissolved	1.4		mg/L	1.0	Field	660-2133	02/23/2006 1305
Specific Conductance	29		umhos/cm	1.0	Field	660-2133	02/23/2006 1305
Turbidity	12.3		NTU	1.0	Field	660-2133	02/23/2006 1305
Water Level	134.85		ft	1.0	Field	660-2133	02/23/2006 1305
Well Depth	60.13		ft	1.0	Field	660-2133	02/23/2006 1305

Field Service / Mobile Lab

Client Sample ID: MWB34D

Lab Sample ID: 660-7427-17
Client Matrix: Water
% Moisture:

Date Sampled: 02/23/2006 0756
Date Received: 02/24/2006 0915

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Field pH	6.91		SU	1.0	Field	660-2133	02/23/2006 0756
Field Temperature	21.3		Degrees C	1.0	Field	660-2133	02/23/2006 0756
Oxygen, Dissolved	1.0		mg/L	1.0	Field	660-2133	02/23/2006 0756
Specific Conductance	375		umhos/cm	1.0	Field	660-2133	02/23/2006 0756
Turbidity	0.7		NTU	1.0	Field	660-2133	02/23/2006 0756
Water Level	115.87		ft	1.0	Field	660-2133	02/23/2006 0756
Well Depth	100.78		ft	1.0	Field	660-2133	02/23/2006 0756

Client Sample ID: MWB34I

Lab Sample ID: 660-7427-18
Client Matrix: Water
% Moisture:

Date Sampled: 02/23/2006 0828
Date Received: 02/24/2006 0915

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Field pH	5.89		SU	1.0	Field	660-2133	02/23/2006 0828
Field Temperature	21.7		Degrees C	1.0	Field	660-2133	02/23/2006 0828
Oxygen, Dissolved	0.9		mg/L	1.0	Field	660-2133	02/23/2006 0828
Specific Conductance	40		umhos/cm	1.0	Field	660-2133	02/23/2006 0828
Turbidity	17.3		NTU	1.0	Field	660-2133	02/23/2006 0828
Water Level	115.91		ft	1.0	Field	660-2133	02/23/2006 0828
Well Depth	53.95		ft	1.0	Field	660-2133	02/23/2006 0828

Field Service / Mobile Lab

Client Sample ID: MWB34S

Lab Sample ID: 660-7427-19
Client Matrix: Water % Moisture:

Date Sampled: 02/23/2006 0746
Date Received: 02/24/2006 0915

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Field pH	6.38		SU	1.0	Field	660-2133	02/23/2006 0746
Field Temperature	19.9		Degrees C	1.0	Field	660-2133	02/23/2006 0746
Oxygen, Dissolved	1.2		mg/L	1.0	Field	660-2133	02/23/2006 0746
Specific Conductance	972		umhos/cm	1.0	Field	660-2133	02/23/2006 0746
Turbidity	10.3		NTU	1.0	Field	660-2133	02/23/2006 0746
Water Level	114.98		ft	1.0	Field	660-2133	02/23/2006 0746
Well Depth	10.8		ft	1.0	Field	660-2133	02/23/2006 0746

Client Sample ID: MWB33S

Lab Sample ID: 660-7427-20
Client Matrix: Water % Moisture:

Date Sampled: 02/23/2006 1120
Date Received: 02/24/2006 0915

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Field pH	5.10		SU	1.0	Field	660-2133	02/23/2006 1120
Field Temperature	19.8		Degrees C	1.0	Field	660-2133	02/23/2006 1120
Oxygen, Dissolved	0.8		mg/L	1.0	Field	660-2133	02/23/2006 1120
Specific Conductance	100		umhos/cm	1.0	Field	660-2133	02/23/2006 1120
Turbidity	5.5		NTU	1.0	Field	660-2133	02/23/2006 1120
Water Level	114.45		ft	1.0	Field	660-2133	02/23/2006 1120
Well Depth	20.30		ft	1.0	Field	660-2133	02/23/2006 1120

Field Service / Mobile Lab

Client Sample ID: MWB32D

Lab Sample ID: 660-7427-21
Client Matrix: Water % Moisture:

Date Sampled: 02/23/2006 1027
Date Received: 02/24/2006 0915

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Field pH	5.89		SU	1.0	Field	660-2133	02/23/2006 1027
Field Temperature	20.7		Degrees C	1.0	Field	660-2133	02/23/2006 1027
Oxygen, Dissolved	0.8		mg/L	1.0	Field	660-2133	02/23/2006 1027
Specific Conductance	140		umhos/cm	1.0	Field	660-2133	02/23/2006 1027
Turbidity	115.1		NTU	1.0	Field	660-2133	02/23/2006 1027
Water Level	116.00		ft	1.0	Field	660-2133	02/23/2006 1027
Well Depth	108.81		ft	1.0	Field	660-2133	02/23/2006 1027

Client Sample ID: MWB32I

Lab Sample ID: 660-7427-22
Client Matrix: Water % Moisture:

Date Sampled: 02/23/2006 1004
Date Received: 02/24/2006 0915

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Field pH	5.31		SU	1.0	Field	660-2133	02/23/2006 1004
Field Temperature	20.8		Degrees C	1.0	Field	660-2133	02/23/2006 1004
Oxygen, Dissolved	0.9		mg/L	1.0	Field	660-2133	02/23/2006 1004
Specific Conductance	37		umhos/cm	1.0	Field	660-2133	02/23/2006 1004
Turbidity	236.1		NTU	1.0	Field	660-2133	02/23/2006 1004
Water Level	116.17		ft	1.0	Field	660-2133	02/23/2006 1004
Well Depth	64.56		ft	1.0	Field	660-2133	02/23/2006 1004

Field Service / Mobile Lab

Client Sample ID: MWB32S

Lab Sample ID: 660-7427-23
Client Matrix: Water % Moisture:

Date Sampled: 02/23/2006 0920
Date Received: 02/24/2006 0915

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Field pH	5.33		SU	1.0	Field	660-2131	02/23/2006 0920
Field Temperature	20.1		Degrees C	1.0	Field	660-2131	02/23/2006 0920
Oxygen, Dissolved	0.8		mg/L	1.0	Field	660-2131	02/23/2006 0920
Specific Conductance	99		umhos/cm	1.0	Field	660-2131	02/23/2006 0920
Turbidity	31.9		NTU	1.0	Field	660-2131	02/23/2006 0920
Water Level	115.26		ft	1.0	Field	660-2131	02/23/2006 0920
Well Depth	19.90		ft	1.0	Field	660-2131	02/23/2006 0920

Client Sample ID: MWB17D

Lab Sample ID: 660-7427-24
Client Matrix: Water % Moisture:

Date Sampled: 02/23/2006 1245
Date Received: 02/24/2006 0915

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Field pH	5.41		SU	1.0	Field	660-2131	02/23/2006 1245
Field Temperature	21.7		Degrees C	1.0	Field	660-2131	02/23/2006 1245
Oxygen, Dissolved	1.1		mg/L	1.0	Field	660-2131	02/23/2006 1245
Specific Conductance	61		umhos/cm	1.0	Field	660-2131	02/23/2006 1245
Turbidity	0.1		NTU	1.0	Field	660-2131	02/23/2006 1245
Water Level	130.72		ft	1.0	Field	660-2131	02/23/2006 1245
Well Depth	127.32		ft	1.0	Field	660-2131	02/23/2006 1245

General Chemistry

Client Sample ID: MWB13I

Lab Sample ID: 660-7427-1
Client Matrix: Water

Date Sampled: 02/23/2006 0733
Date Received: 02/24/2006 0915

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Chloride	5.8		mg/L	0.90	1.0	1.0	325.2
Anly Batch: 660-21383	Date Analyzed 02/28/2006 1659						
Ammonia	0.040	U	mg/L	0.040	0.050	1.0	350.1
Anly Batch: 660-21357	Date Analyzed 02/28/2006 1154						
Nitrate Nitrogen	0.010	U	mg/L	0.010	0.050	1.0	353.2
Anly Batch: 660-21179	Date Analyzed 02/24/2006 1237						

Analyte	Result	Qual	Units	RL	PQL	Dil	Method
Total Dissolved Solids	48		mg/L	5.0	5.0	1.0	160.1
Anly Batch: 660-21388	Date Analyzed 02/28/2006 1421						

Client Sample ID: MWB31D

Lab Sample ID: 660-7427-2
Client Matrix: Water

Date Sampled: 02/23/2006 0806
Date Received: 02/24/2006 0915

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Chloride	5.5		mg/L	0.90	1.0	1.0	325.2
Anly Batch: 660-21383	Date Analyzed 02/28/2006 1659						
Ammonia	0.040	U	mg/L	0.040	0.050	1.0	350.1
Anly Batch: 660-21357	Date Analyzed 02/28/2006 1154						
Nitrate Nitrogen	0.093		mg/L	0.010	0.050	1.0	353.2
Anly Batch: 660-21179	Date Analyzed 02/24/2006 1237						

Analyte	Result	Qual	Units	RL	PQL	Dil	Method
Total Dissolved Solids	200		mg/L	5.0	5.0	1.0	160.1
Anly Batch: 660-21388	Date Analyzed 02/28/2006 1421						

General Chemistry

Client Sample ID: MWB3S

Lab Sample ID: 660-7427-3
Client Matrix: Water

Date Sampled: 02/23/2006 0842
Date Received: 02/24/2006 0915

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Chloride	5.8		mg/L	0.90	1.0	1.0	325.2
Anly Batch: 660-21383	Date Analyzed 02/28/2006 1659						
Ammonia	0.040	U	mg/L	0.040	0.050	1.0	350.1
Anly Batch: 660-21357	Date Analyzed 02/28/2006 1154						
Nitrate Nitrogen	0.010	U	mg/L	0.010	0.050	1.0	353.2
Anly Batch: 660-21179	Date Analyzed 02/24/2006 1237						

Analyte	Result	Qual	Units	RL	PQL	Dil	Method
Total Dissolved Solids	34		mg/L	5.0	5.0	1.0	160.1
Anly Batch: 660-21386	Date Analyzed 02/27/2006 1208						

Client Sample ID: MWB3I

Lab Sample ID: 660-7427-4
Client Matrix: Water

Date Sampled: 02/23/2006 0924
Date Received: 02/24/2006 0915

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Chloride	4.4		mg/L	0.90	1.0	1.0	325.2
Anly Batch: 660-21383	Date Analyzed 02/28/2006 1659						
Ammonia	0.040	U	mg/L	0.040	0.050	1.0	350.1
Anly Batch: 660-21357	Date Analyzed 02/28/2006 1154						
Nitrate Nitrogen	0.010	U	mg/L	0.010	0.050	1.0	353.2
Anly Batch: 660-21179	Date Analyzed 02/24/2006 1237						

Analyte	Result	Qual	Units	RL	PQL	Dil	Method
Total Dissolved Solids	22		mg/L	5.0	5.0	1.0	160.1
Anly Batch: 660-21386	Date Analyzed 02/27/2006 1208						

General Chemistry

Client Sample ID: MWB7I

Lab Sample ID: 660-7427-5
Client Matrix: Water

Date Sampled: 02/23/2006 1004
Date Received: 02/24/2006 0915

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Chloride	5.8		mg/L	0.90	1.0	1.0	325.2
	Anly Batch: 660-21383	Date Analyzed	02/28/2006 1659				
Ammonia	0.040	U	mg/L	0.040	0.050	1.0	350.1
	Anly Batch: 660-21357	Date Analyzed	02/28/2006 1154				
Nitrate Nitrogen	0.010	U	mg/L	0.010	0.050	1.0	353.2
	Anly Batch: 660-21179	Date Analyzed	02/24/2006 1237				

Analyte	Result	Qual	Units	RL	PQL	Dil	Method
Total Dissolved Solids	44		mg/L	5.0	5.0	1.0	160.1
	Anly Batch: 660-21386	Date Analyzed	02/27/2006 1208				

Client Sample ID: MWB7D

Lab Sample ID: 660-7427-6
Client Matrix: Water

Date Sampled: 02/23/2006 1023
Date Received: 02/24/2006 0915

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Chloride	4.5		mg/L	0.90	1.0	1.0	325.2
	Anly Batch: 660-21383	Date Analyzed	02/28/2006 1659				
Ammonia	0.13		mg/L	0.040	0.050	1.0	350.1
	Anly Batch: 660-21357	Date Analyzed	02/28/2006 1154				
Nitrate Nitrogen	0.023	I	mg/L	0.010	0.050	1.0	353.2
	Anly Batch: 660-21179	Date Analyzed	02/24/2006 1237				

Analyte	Result	Qual	Units	RL	PQL	Dil	Method
Total Dissolved Solids	190		mg/L	5.0	5.0	1.0	160.1
	Anly Batch: 660-21386	Date Analyzed	02/27/2006 1208				

General Chemistry

Client Sample ID: MWB7S

Lab Sample ID: 660-7427-7
Client Matrix: Water

Date Sampled: 02/23/2006 1045
Date Received: 02/24/2006 0915

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Chloride	10		mg/L	0.90	1.0	1.0	325.2
Anly Batch: 660-21383	Date Analyzed 02/28/2006 1659						
Ammonia	0.25		mg/L	0.040	0.050	1.0	350.1
Anly Batch: 660-21357	Date Analyzed 02/28/2006 1154						
Nitrate Nitrogen	0.032	I	mg/L	0.010	0.050	1.0	353.2
Anly Batch: 660-21179	Date Analyzed 02/24/2006 1237						

Analyte	Result	Qual	Units	RL	PQL	Dil	Method
Total Dissolved Solids	90		mg/L	5.0	5.0	1.0	160.1
Anly Batch: 660-21386	Date Analyzed 02/27/2006 1208						

Client Sample ID: MWB13S

Lab Sample ID: 660-7427-8
Client Matrix: Water

Date Sampled: 02/23/2006 1101
Date Received: 02/24/2006 0915

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Chloride	21		mg/L	0.90	1.0	1.0	325.2
Anly Batch: 660-21383	Date Analyzed 02/28/2006 1659						
Ammonia	0.47		mg/L	0.040	0.050	1.0	350.1
Anly Batch: 660-21357	Date Analyzed 02/28/2006 1154						
Nitrate Nitrogen	0.071		mg/L	0.010	0.050	1.0	353.2
Anly Batch: 660-21180	Date Analyzed 02/24/2006 1448						

Analyte	Result	Qual	Units	RL	PQL	Dil	Method
Total Dissolved Solids	120		mg/L	5.0	5.0	1.0	160.1
Anly Batch: 660-21386	Date Analyzed 02/27/2006 1208						

General Chemistry

Client Sample ID: MWB11I (R)

Lab Sample ID: 660-7427-9
Client Matrix: Water

Date Sampled: 02/23/2006 1147
Date Received: 02/24/2006 0915

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Chloride	9.1		mg/L	0.90	1.0	1.0	325.2
Anly Batch: 660-21383	Date Analyzed 02/28/2006 1659						
Ammonia	0.040	U	mg/L	0.040	0.050	1.0	350.1
Anly Batch: 660-21357	Date Analyzed 02/28/2006 1154						
Nitrate Nitrogen	0.010	U	mg/L	0.010	0.050	1.0	353.2
Anly Batch: 660-21180	Date Analyzed 02/24/2006 1448						

Analyte	Result	Qual	Units	RL	PQL	Dil	Method
Total Dissolved Solids	46		mg/L	5.0	5.0	1.0	160.1
Anly Batch: 660-21386	Date Analyzed 02/27/2006 1208						

Client Sample ID: Dup 02

Lab Sample ID: 660-7427-10
Client Matrix: Water

Date Sampled: 02/23/2006 1147
Date Received: 02/24/2006 0915

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Chloride	8.3		mg/L	0.90	1.0	1.0	325.2
Anly Batch: 660-21383	Date Analyzed 02/28/2006 1659						
Ammonia	0.040	U	mg/L	0.040	0.050	1.0	350.1
Anly Batch: 660-21357	Date Analyzed 02/28/2006 1154						
Nitrate Nitrogen	0.010	U	mg/L	0.010	0.050	1.0	353.2
Anly Batch: 660-21180	Date Analyzed 02/24/2006 1448						

Analyte	Result	Qual	Units	RL	PQL	Dil	Method
Total Dissolved Solids	68		mg/L	5.0	5.0	1.0	160.1
Anly Batch: 660-21386	Date Analyzed 02/27/2006 1208						

General Chemistry

Client Sample ID: MWB11S

Lab Sample ID: 660-7427-11
Client Matrix: Water

Date Sampled: 02/23/2006 1208
Date Received: 02/24/2006 0915

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Chloride	14		mg/L	0.90	1.0	1.0	325.2
Anly Batch: 660-21383	Date Analyzed 02/28/2006 1659						
Ammonia	0.091		mg/L	0.040	0.050	1.0	350.1
Anly Batch: 660-21357	Date Analyzed 02/28/2006 1154						
Nitrate Nitrogen	0.010	U	mg/L	0.010	0.050	1.0	353.2
Anly Batch: 660-21180	Date Analyzed 02/24/2006 1448						

Analyte	Result	Qual	Units	RL	PQL	Dil	Method
Total Dissolved Solids	110		mg/L	5.0	5.0	1.0	160.1
Anly Batch: 660-21386	Date Analyzed 02/27/2006 1208						

Client Sample ID: MWB20S

Lab Sample ID: 660-7427-12
Client Matrix: Water

Date Sampled: 02/23/2006 1229
Date Received: 02/24/2006 0915

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Chloride	7.6		mg/L	0.90	1.0	1.0	325.2
Anly Batch: 660-21383	Date Analyzed 02/28/2006 1659						
Ammonia	0.71		mg/L	0.040	0.050	1.0	350.1
Anly Batch: 660-21357	Date Analyzed 02/28/2006 1154						
Nitrate Nitrogen	0.010	U	mg/L	0.010	0.050	1.0	353.2
Anly Batch: 660-21180	Date Analyzed 02/24/2006 1448						

Analyte	Result	Qual	Units	RL	PQL	Dil	Method
Total Dissolved Solids	66		mg/L	5.0	5.0	1.0	160.1
Anly Batch: 660-21386	Date Analyzed 02/27/2006 1208						

General Chemistry

Client Sample ID: MWB21S

Lab Sample ID: 660-7427-13
Client Matrix: Water

Date Sampled: 02/23/2006 1254
Date Received: 02/24/2006 0915

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Chloride	7.7		mg/L	0.90	1.0	1.0	325.2
Anly Batch: 660-21383	Date Analyzed 02/28/2006 1659						
Ammonia	0.073		mg/L	0.040	0.050	1.0	350.1
Anly Batch: 660-21357	Date Analyzed 02/28/2006 1154						
Nitrate Nitrogen	0.010	U	mg/L	0.010	0.050	1.0	353.2
Anly Batch: 660-21180	Date Analyzed 02/24/2006 1448						

Analyte	Result	Qual	Units	RL	PQL	Dil	Method
Total Dissolved Solids	40		mg/L	5.0	5.0	1.0	160.1
Anly Batch: 660-21386	Date Analyzed 02/27/2006 1208						

Client Sample ID: MWB17S

Lab Sample ID: 660-7427-14
Client Matrix: Water

Date Sampled: 02/23/2006 1218
Date Received: 02/24/2006 0915

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Chloride	7.7		mg/L	0.90	1.0	1.0	325.2
Anly Batch: 660-21383	Date Analyzed 02/28/2006 1659						
Ammonia	0.085		mg/L	0.040	0.050	1.0	350.1
Anly Batch: 660-21357	Date Analyzed 02/28/2006 1154						
Nitrate Nitrogen	0.010	U	mg/L	0.010	0.050	1.0	353.2
Anly Batch: 660-21180	Date Analyzed 02/24/2006 1448						

Analyte	Result	Qual	Units	RL	PQL	Dil	Method
Total Dissolved Solids	52		mg/L	5.0	5.0	1.0	160.1
Anly Batch: 660-21386	Date Analyzed 02/27/2006 1208						

General Chemistry

Client Sample ID: Dup 03

Lab Sample ID: 660-7427-15
Client Matrix: Water

Date Sampled: 02/23/2006 1218
Date Received: 02/24/2006 0915

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Chloride	8.5		mg/L	0.90	1.0	1.0	325.2
	Anly Batch: 660-21506	Date Analyzed	03/02/2006 1044				
Ammonia	0.088		mg/L	0.040	0.050	1.0	350.1
	Anly Batch: 660-21357	Date Analyzed	02/28/2006 1154				
Nitrate Nitrogen	0.010	U	mg/L	0.010	0.050	1.0	353.2
	Anly Batch: 660-21180	Date Analyzed	02/24/2006 1448				

Analyte	Result	Qual	Units	RL	PQL	Dil	Method
Total Dissolved Solids	52		mg/L	5.0	5.0	1.0	160.1
	Anly Batch: 660-21386	Date Analyzed	02/27/2006 1208				

Client Sample ID: MWB17I

Lab Sample ID: 660-7427-16
Client Matrix: Water

Date Sampled: 02/23/2006 1305
Date Received: 02/24/2006 0915

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Chloride	6.1		mg/L	0.90	1.0	1.0	325.2
	Anly Batch: 660-21506	Date Analyzed	03/02/2006 1044				
Ammonia	0.040	U	mg/L	0.040	0.050	1.0	350.1
	Anly Batch: 660-21357	Date Analyzed	02/28/2006 1154				
Nitrate Nitrogen	0.010	U	mg/L	0.010	0.050	1.0	353.2
	Anly Batch: 660-21180	Date Analyzed	02/24/2006 1448				

Analyte	Result	Qual	Units	RL	PQL	Dil	Method
Total Dissolved Solids	32		mg/L	5.0	5.0	1.0	160.1
	Anly Batch: 660-21386	Date Analyzed	02/27/2006 1208				

General Chemistry

Client Sample ID: MWB34D

Lab Sample ID: 660-7427-17
Client Matrix: Water

Date Sampled: 02/23/2006 0756
Date Received: 02/24/2006 0915

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Chloride	5.8		mg/L	0.90	1.0	1.0	325.2
	Anly Batch: 660-21506	Date Analyzed	03/02/2006 1044				
Ammonia	0.21		mg/L	0.040	0.050	1.0	350.1
	Anly Batch: 660-21357	Date Analyzed	02/28/2006 1154				
Nitrate Nitrogen	0.010	U	mg/L	0.010	0.050	1.0	353.2
	Anly Batch: 660-21180	Date Analyzed	02/24/2006 1448				

Analyte	Result	Qual	Units	RL	PQL	Dil	Method
Total Dissolved Solids	220		mg/L	5.0	5.0	1.0	160.1
	Anly Batch: 660-21386	Date Analyzed	02/27/2006 1208				

Client Sample ID: MWB34I

Lab Sample ID: 660-7427-18
Client Matrix: Water

Date Sampled: 02/23/2006 0828
Date Received: 02/24/2006 0915

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Chloride	6.3		mg/L	0.90	1.0	1.0	325.2
	Anly Batch: 660-21506	Date Analyzed	03/02/2006 1044				
Ammonia	0.040	U	mg/L	0.040	0.050	1.0	350.1
	Anly Batch: 660-21357	Date Analyzed	02/28/2006 1154				
Nitrate Nitrogen	0.010	U	mg/L	0.010	0.050	1.0	353.2
	Anly Batch: 660-21180	Date Analyzed	02/24/2006 1448				

Analyte	Result	Qual	Units	RL	PQL	Dil	Method
Total Dissolved Solids	42		mg/L	5.0	5.0	1.0	160.1
	Anly Batch: 660-21386	Date Analyzed	02/27/2006 1208				

General Chemistry

Client Sample ID: MWB34S

Lab Sample ID: 660-7427-19
Client Matrix: Water

Date Sampled: 02/23/2006 0746
Date Received: 02/24/2006 0915

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Chloride	150		mg/L	18	20	20	325.2
	Anly Batch: 660-21506	Date Analyzed	03/02/2006 1044				
Ammonia	16		mg/L	1.0	1.3	25	350.1
	Anly Batch: 660-21357	Date Analyzed	02/28/2006 1154				
Nitrate Nitrogen	3.7		mg/L	0.010	0.050	1.0	353.2
	Anly Batch: 660-21180	Date Analyzed	02/24/2006 1448				

Analyte	Result	Qual	Units	RL	PQL	Dil	Method
Total Dissolved Solids	520		mg/L	5.0	5.0	1.0	160.1
	Anly Batch: 660-21386	Date Analyzed	02/27/2006 1208				

Client Sample ID: MWB33S

Lab Sample ID: 660-7427-20
Client Matrix: Water

Date Sampled: 02/23/2006 1120
Date Received: 02/24/2006 0915

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Chloride	9.4		mg/L	0.90	1.0	1.0	325.2
	Anly Batch: 660-21506	Date Analyzed	03/02/2006 1044				
Ammonia	0.76		mg/L	0.040	0.050	1.0	350.1
	Anly Batch: 660-21357	Date Analyzed	02/28/2006 1154				
Nitrate Nitrogen	0.010	U	mg/L	0.010	0.050	1.0	353.2
	Anly Batch: 660-21180	Date Analyzed	02/24/2006 1448				

Analyte	Result	Qual	Units	RL	PQL	Dil	Method
Total Dissolved Solids	78		mg/L	5.0	5.0	1.0	160.1
	Anly Batch: 660-21386	Date Analyzed	02/27/2006 1208				

General Chemistry

Client Sample ID: MWB32D

Lab Sample ID: 660-7427-21
Client Matrix: Water

Date Sampled: 02/23/2006 1027
Date Received: 02/24/2006 0915

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Chloride	10		mg/L	0.90	1.0	1.0	325.2
Anly Batch: 660-21506	Date Analyzed 03/02/2006 1044						
Ammonia	0.13		mg/L	0.040	0.050	1.0	350.1
Anly Batch: 660-21401	Date Analyzed 03/01/2006 1016						
Nitrate Nitrogen	0.010	U	mg/L	0.010	0.050	1.0	353.2
Anly Batch: 660-21180	Date Analyzed 02/24/2006 1448						

Analyte	Result	Qual	Units	RL	PQL	Dil	Method
Total Dissolved Solids	130		mg/L	5.0	5.0	1.0	160.1
Anly Batch: 660-21386	Date Analyzed 02/27/2006 1208						

Client Sample ID: MWB32I

Lab Sample ID: 660-7427-22
Client Matrix: Water

Date Sampled: 02/23/2006 1004
Date Received: 02/24/2006 0915

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Chloride	8.4		mg/L	0.90	1.0	1.0	325.2
Anly Batch: 660-21506	Date Analyzed 03/02/2006 1044						
Ammonia	0.040	U	mg/L	0.040	0.050	1.0	350.1
Anly Batch: 660-21401	Date Analyzed 03/01/2006 1016						
Nitrate Nitrogen	0.010	U	mg/L	0.010	0.050	1.0	353.2
Anly Batch: 660-21180	Date Analyzed 02/24/2006 1448						

Analyte	Result	Qual	Units	RL	PQL	Dil	Method
Total Dissolved Solids	80		mg/L	5.0	5.0	1.0	160.1
Anly Batch: 660-21386	Date Analyzed 02/27/2006 1208						

General Chemistry

Client Sample ID: MWB32S

Lab Sample ID: 660-7427-23
Client Matrix: Water

Date Sampled: 02/23/2006 0920
Date Received: 02/24/2006 0915

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Chloride	9.2		mg/L	0.90	1.0	1.0	325.2
Anly Batch: 660-21506	Date Analyzed 03/02/2006 1044						
Ammonia	0.25		mg/L	0.040	0.050	1.0	350.1
Anly Batch: 660-21401	Date Analyzed 03/01/2006 1016						
Nitrate Nitrogen	0.010	U	mg/L	0.010	0.050	1.0	353.2
Anly Batch: 660-21180	Date Analyzed 02/24/2006 1448						

Analyte	Result	Qual	Units	RL	PQL	Dil	Method
Total Dissolved Solids	74		mg/L	5.0	5.0	1.0	160.1
Anly Batch: 660-21389	Date Analyzed 02/27/2006 1554						

Client Sample ID: MWB17D

Lab Sample ID: 660-7427-24
Client Matrix: Water

Date Sampled: 02/23/2006 1245
Date Received: 02/24/2006 0915

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Chloride	6.9		mg/L	0.90	1.0	1.0	325.2
Anly Batch: 660-21506	Date Analyzed 03/02/2006 1044						
Ammonia	0.040	U	mg/L	0.040	0.050	1.0	350.1
Anly Batch: 660-21401	Date Analyzed 03/01/2006 1016						
Nitrate Nitrogen	0.010	U	mg/L	0.010	0.050	1.0	353.2
Anly Batch: 660-21180	Date Analyzed 02/24/2006 1448						

Analyte	Result	Qual	Units	RL	PQL	Dil	Method
Total Dissolved Solids	36		mg/L	5.0	5.0	1.0	160.1
Anly Batch: 660-21389	Date Analyzed 02/27/2006 1554						

General Chemistry

Client Sample ID: Field Blank

Lab Sample ID: 660-7427-25
Client Matrix: Water

Date Sampled: 02/23/2006 1315
Date Received: 02/24/2006 0915

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Chloride	0.90	U	mg/L	0.90	1.0	1.0	325.2
Anly Batch: 660-21506	Date Analyzed 03/02/2006 1044						
Ammonia	0.040	U	mg/L	0.040	0.050	1.0	350.1
Anly Batch: 660-21401	Date Analyzed 03/01/2006 1016						
Nitrate Nitrogen	0.010	U	mg/L	0.010	0.050	1.0	353.2
Anly Batch: 660-21180	Date Analyzed 02/24/2006 1448						

Analyte	Result	Qual	Units	RL	PQL	Dil	Method
Total Dissolved Solids	5.0	U	mg/L	5.0	5.0	1.0	160.1
Anly Batch: 660-21389	Date Analyzed 02/27/2006 1554						

Client Sample ID: Equipment Blank

Lab Sample ID: 660-7427-26
Client Matrix: Water

Date Sampled: 02/23/2006 1325
Date Received: 02/24/2006 0915

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Chloride	0.90	U	mg/L	0.90	1.0	1.0	325.2
Anly Batch: 660-21506	Date Analyzed 03/02/2006 1044						
Ammonia	0.040	U	mg/L	0.040	0.050	1.0	350.1
Anly Batch: 660-21401	Date Analyzed 03/01/2006 1016						
Nitrate Nitrogen	0.010	U	mg/L	0.010	0.050	1.0	353.2
Anly Batch: 660-21180	Date Analyzed 02/24/2006 1448						

Analyte	Result	Qual	Units	RL	PQL	Dil	Method
Total Dissolved Solids	5.0	U	mg/L	5.0	5.0	1.0	160.1
Anly Batch: 660-21389	Date Analyzed 02/27/2006 1554						

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DATA REPORTING QUALIFIERS

Client: HDR Engineering

Job Number: 660-7427-1

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Indicates that the compound was analyzed for but not detected.
	I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
GC Semi VOA		
	J3	Estimated value; value may not be accurate. The reported value fails to meet the established quality control criteria for either precision or accuracy.
	U	Indicates that the compound was analyzed for but not detected.
Metals		
	U	Indicates that the compound was analyzed for but not detected.
	I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
General Chemistry		
	U	Indicates that the compound was analyzed for but not detected.
	I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

Client: HDR Engineering

Job Number: 660-7427-1

Method Blank - Batch: 660-21634

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 660-21634/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/03/2006 1916
Date Prepared: 03/03/2006 1916

Analysis Batch: 660-21634
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0308.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.27	U	0.27	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	0.66	U	0.66	1.0
Methyl Ethyl Ketone	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Bromochloromethane	0.58	U	0.58	1.0
Chloroethane	0.80	U	0.80	1.0
Chloroform	0.90	U	0.90	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
Chloromethane	0.64	U	0.64	1.0
Dibromochloromethane	0.34	U	0.34	1.0
Methylene bromide	0.41	U	0.41	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
4-Methyl-2-pentanone	3.8	U	3.8	10
Methylene Chloride	4.0	U	4.0	5.0
Styrene	0.98	U	0.98	1.0
1,1,2,2-Tetrachloroethane	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
Tetrachloroethene	0.34	U	0.34	1.0
Toluene	0.51	U	0.51	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.28	U	0.28	1.0
Trichlorofluoromethane	0.98	U	0.98	1.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7427-1

Method Blank - Batch: 660-21634

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 660-21634/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/03/2006 1916
Date Prepared: 03/03/2006 1916

Analysis Batch: 660-21634
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0308.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	PQL
1,2,3-Trichloropropane	0.15	U	0.15	1.0
Vinyl acetate	1.5	U	1.5	10
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.30	U	0.30	1.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	78	74 - 126
Dibromofluoromethane	81	70 - 130
Toluene-d8	84	77 - 122

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-21634

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 660-21634/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/03/2006 1752
Date Prepared: 03/03/2006 1752

Analysis Batch: 660-21634
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0305.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 660-21634/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/03/2006 1816
Date Prepared: 03/03/2006 1816

Analysis Batch: 660-21634
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0306.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	95	94	62 - 135	1	37		
Chlorobenzene	96	93	72 - 127	3	22		
1,1-Dichloroethene	113	110	46 - 147	3	30		
Toluene	95	90	68 - 131	6	33		
Trichloroethene	92	91	56 - 143	0	35		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7427-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-21634

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	660-7427-2	Analysis Batch:	660-21634	Instrument ID:	BVMJ GC/MS
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	1JC0812.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/08/2006 1934			Final Weight/Volume:	5 mL
Date Prepared:	03/08/2006 1934				

MSD Lab Sample ID:	660-7427-2	Analysis Batch:	660-21634	Instrument ID:	BVMJ GC/MS
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	1JC0813.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/08/2006 1959			Final Weight/Volume:	5 mL
Date Prepared:	03/08/2006 1959				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	117	111	62 - 135	5	37		
Chlorobenzene	113	109	72 - 127	3	22		
1,1-Dichloroethene	128	125	46 - 147	3	30		
Toluene	117	116	68 - 131	1	33		
Trichloroethene	111	106	56 - 143	5	35		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7427-1

Method Blank - Batch: 660-21714

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 660-21714/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/06/2006 1837
Date Prepared: 03/06/2006 1837

Analysis Batch: 660-21714
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0615.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.27	U	0.27	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	0.66	U	0.66	1.0
Methyl Ethyl Ketone	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Bromochloromethane	0.58	U	0.58	1.0
Chloroethane	0.80	U	0.80	1.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	0.64	U	0.64	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
Dibromochloromethane	0.34	U	0.34	1.0
Methylene bromide	0.41	U	0.41	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
1,1-Dichloroethane	0.52	U	0.52	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
4-Methyl-2-pentanone	3.8	U	3.8	10
Methylene Chloride	4.0	U	4.0	5.0
Styrene	0.98	U	0.98	1.0
1,1,2,2-Tetrachloroethane	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
Tetrachloroethene	0.34	U	0.34	1.0
Toluene	0.51	U	0.51	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.28	U	0.28	1.0
Trichlorofluoromethane	0.98	U	0.98	1.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7427-1

Method Blank - Batch: 660-21714

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 660-21714/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/06/2006 1837
Date Prepared: 03/06/2006 1837

Analysis Batch: 660-21714
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0615.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	PQL
1,2,3-Trichloropropane	0.15	U	0.15	1.0
Vinyl acetate	1.5	U	1.5	10
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.30	U	0.30	1.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	94	74 - 126
Dibromofluoromethane	98	70 - 130
Toluene-d8	101	77 - 122

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-21714

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 660-21714/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/06/2006 1723
Date Prepared: 03/06/2006 1723

Analysis Batch: 660-21714
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0612.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 660-21714/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/06/2006 1748
Date Prepared: 03/06/2006 1748

Analysis Batch: 660-21714
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0613.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	103	106	62 - 135	3	37		
Chlorobenzene	102	106	72 - 127	4	22		
1,1-Dichloroethene	107	112	46 - 147	5	30		
Toluene	104	107	68 - 131	3	33		
Trichloroethene	98	101	56 - 143	3	35		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7427-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-21714

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	660-7427-11	Analysis Batch: 660-21714	Instrument ID: BVMJ GC/MS
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: 1JC0810.D
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	03/08/2006 1845		Final Weight/Volume: 5 mL
Date Prepared:	03/08/2006 1845		

MSD Lab Sample ID:	660-7427-11	Analysis Batch: 660-21714	Instrument ID: BVMJ GC/MS
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: 1JC0811.D
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	03/08/2006 1910		Final Weight/Volume: 5 mL
Date Prepared:	03/08/2006 1910		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	116	115	62 - 135	1	37		
Chlorobenzene	113	112	72 - 127	1	22		
1,1-Dichloroethene	130	128	46 - 147	1	30		
Toluene	115	117	68 - 131	2	33		
Trichloroethene	113	111	56 - 143	2	35		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7427-1

Method Blank - Batch: 660-21755

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 660-21755/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/07/2006 0433
Date Prepared: 03/07/2006 0433

Analysis Batch: 660-21755
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMJ GC/MS
Lab File ID: 2JC0639.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.27	U	0.27	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	0.66	U	0.66	1.0
Methyl Ethyl Ketone	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Bromochloromethane	0.58	U	0.58	1.0
Chloroethane	0.80	U	0.80	1.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	0.64	U	0.64	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
Dibromochloromethane	0.34	U	0.34	1.0
Methylene bromide	0.41	U	0.41	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
4-Methyl-2-pentanone	3.8	U	3.8	10
Methylene Chloride	4.0	U	4.0	5.0
Styrene	0.98	U	0.98	1.0
1,1,2,2-Tetrachloroethane	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
Tetrachloroethene	0.34	U	0.34	1.0
Toluene	0.51	U	0.51	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.28	U	0.28	1.0
Trichlorofluoromethane	0.98	U	0.98	1.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7427-1

Method Blank - Batch: 660-21755

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 660-21755/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/07/2006 0433
Date Prepared: 03/07/2006 0433

Analysis Batch: 660-21755
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMJ GC/MS
Lab File ID: 2JC0639.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	PQL
1,2,3-Trichloropropane	0.15	U	0.15	1.0
Vinyl acetate	1.5	U	1.5	10
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.30	U	0.30	1.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	81	74 - 126
Dibromofluoromethane	84	70 - 130
Toluene-d8	90	77 - 122

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-21755

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 660-21755/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/07/2006 0319
Date Prepared: 03/07/2006 0319

Analysis Batch: 660-21755
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMJ GC/MS
Lab File ID: 2JC0636.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 660-21755/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/07/2006 0344
Date Prepared: 03/07/2006 0344

Analysis Batch: 660-21755
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMJ GC/MS
Lab File ID: 2JC0637.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	110	111	62 - 135	0	37		
Chlorobenzene	105	105	72 - 127	0	22		
1,1-Dichloroethene	125	119	46 - 147	5	30		
Toluene	107	108	68 - 131	0	33		
Trichloroethene	107	106	56 - 143	1	35		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7427-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-21755

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	660-7427-21	Analysis Batch:	660-21755	Instrument ID:	BVMJ GC/MS
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	1JC0808.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/08/2006 1755			Final Weight/Volume:	5 mL
Date Prepared:	03/08/2006 1755				

MSD Lab Sample ID:	660-7427-21	Analysis Batch:	660-21755	Instrument ID:	BVMJ GC/MS
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	1JC0809.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/08/2006 1820			Final Weight/Volume:	5 mL
Date Prepared:	03/08/2006 1820				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	114	116	62 - 135	1	37		
Chlorobenzene	112	112	72 - 127	0	22		
1,1-Dichloroethene	125	126	46 - 147	1	30		
Toluene	117	115	68 - 131	2	33		
Trichloroethene	111	111	56 - 143	0	35		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: HDR Engineering

Job Number: 660-7427-1

Method Blank - Batch: 660-21770

Method: 504.1
Preparation: 504.1

Lab Sample ID: MB 660-21770/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/08/2006 1409
Date Prepared: 03/07/2006 1400

Analysis Batch: 660-21882
Prep Batch: 660-21770
Units: ug/L

Instrument ID: HP 5890 Series II ECD1/2
Lab File ID: 1C08S004.D
Initial Weight/Volume: 34.1690 g
Final Weight/Volume: 3 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0031	U	0.0031	0.020
Ethylene Dibromide	0.0089	U	0.0089	0.020

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-21770

Method: 504.1
Preparation: 504.1

LCS Lab Sample ID: LCS 660-21770/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/08/2006 1432
Date Prepared: 03/07/2006 1400

Analysis Batch: 660-21882
Prep Batch: 660-21770
Units: ug/L

Instrument ID: HP 5890 Series II ECD1/2
Lab File ID: 1C08S005.D
Initial Weight/Volume: 34.0570 g
Final Weight/Volume: 3 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 660-21770/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/08/2006 1455
Date Prepared: 03/07/2006 1400

Analysis Batch: 660-21882
Prep Batch: 660-21770
Units: ug/L

Instrument ID: HP 5890 Series II ECD1/2
Lab File ID: 1C08S006.D
Initial Weight/Volume: 33.8800 g
Final Weight/Volume: 3 mL
Injection Volume:
Column ID: PRIMARY

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,2-Dibromo-3-Chloropropane	76	83	70 - 130	9	30		
Ethylene Dibromide	88	102	70 - 130	16	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: HDR Engineering

Job Number: 660-7427-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-21770

Method: 504.1
Preparation: 504.1

MS Lab Sample ID:	660-7427-1	Analysis Batch: 660-21882	Instrument ID: HP 5890 Series II ECD1/2
Client Matrix:	Water	Prep Batch: 660-21770	Lab File ID: 1C08S008.D
Dilution:	1.0		Initial Weight/Volume: 34.5928 g
Date Analyzed:	03/08/2006 1541		Final Weight/Volume: 3 mL
Date Prepared:	03/07/2006 1400		Injection Volume:
			Column ID: PRIMARY

MSD Lab Sample ID:	660-7427-1	Analysis Batch: 660-21882	Instrument ID: HP 5890 Series II ECD1/2
Client Matrix:	Water	Prep Batch: 660-21770	Lab File ID: 1C08S009.D
Dilution:	1.0		Initial Weight/Volume: 34.8654 g
Date Analyzed:	03/08/2006 1605		Final Weight/Volume: 3 mL
Date Prepared:	03/07/2006 1400		Injection Volume:
			Column ID: PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,2-Dibromo-3-Chloropropane	86	73	70 - 130	18	30		
Ethylene Dibromide	97	85	70 - 130	14	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7427-1

Method Blank - Batch: 660-21839

Method: 504.1
Preparation: 504.1

Lab Sample ID: MB 660-21839/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/09/2006 0052
Date Prepared: 03/08/2006 1500

Analysis Batch: 660-21890
Prep Batch: 660-21839
Units: ug/L

Instrument ID: HP 5890 Series II ECD1/2
Lab File ID: 1C08S031.D
Initial Weight/Volume: 33.8000 g
Final Weight/Volume: 3 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0031	U	0.0031	0.021
Ethylene Dibromide	0.0090	U	0.0090	0.021

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-21839

Method: 504.1
Preparation: 504.1

LCS Lab Sample ID: LCS 660-21839/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/09/2006 0116
Date Prepared: 03/08/2006 1500

Analysis Batch: 660-21890
Prep Batch: 660-21839
Units: ug/L

Instrument ID: HP 5890 Series II ECD1/2
Lab File ID: 1C08S032.D
Initial Weight/Volume: 33.1849 g
Final Weight/Volume: 3 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 660-21839/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/09/2006 0139
Date Prepared: 03/08/2006 1500

Analysis Batch: 660-21890
Prep Batch: 660-21839
Units: ug/L

Instrument ID: HP 5890 Series II ECD1/2
Lab File ID: 1C08S033.D
Initial Weight/Volume: 34.0883 g
Final Weight/Volume: 3 mL
Injection Volume:
Column ID: PRIMARY

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,2-Dibromo-3-Chloropropane	111	110	70 - 130	3	30		
Ethylene Dibromide	126	127	70 - 130	2	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: HDR Engineering

Job Number: 660-7427-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-21839

Method: 504.1
Preparation: 504.1

MS Lab Sample ID:	660-7427-18	Analysis Batch: 660-21890	Instrument ID: HP 5890 Series II ECD1/2
Client Matrix:	Water	Prep Batch: 660-21839	Lab File ID: 1C08S035.D
Dilution:	1.0		Initial Weight/Volume: 32.9493 g
Date Analyzed:	03/09/2006 0225		Final Weight/Volume: 3 mL
Date Prepared:	03/08/2006 1500		Injection Volume:
			Column ID: PRIMARY

MSD Lab Sample ID:	660-7427-18	Analysis Batch: 660-21890	Instrument ID: HP 5890 Series II ECD1/2
Client Matrix:	Water	Prep Batch: 660-21839	Lab File ID: 1C08S036.D
Dilution:	1.0		Initial Weight/Volume: 33.9587 g
Date Analyzed:	03/09/2006 0248		Final Weight/Volume: 3 mL
Date Prepared:	03/08/2006 1500		Injection Volume:
			Column ID: PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,2-Dibromo-3-Chloropropane	131	115	70 - 130	15	30	J3	
Ethylene Dibromide	132	125	70 - 130	9	30	J3	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Method Blank - Batch: 660-21517

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Total Recoverable

Lab Sample ID: MB 660-21517/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/06/2006 1558
Date Prepared: 03/02/2006 1636

Analysis Batch: 660-21640
Prep Batch: 660-21517
Units: mg/L

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	PQL
Sodium	0.31	U	0.31	0.50

Method Blank - Batch: 660-21517

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Total Recoverable

Lab Sample ID: MB 660-21517/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/06/2006 1558
Date Prepared: 03/02/2006 1636

Analysis Batch: 660-21640
Prep Batch: 660-21517
Units: ug/L

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	PQL
Silver	1.9	U	1.9	10
Arsenic	4.8	U	4.8	10
Barium	1.2	U	1.2	10
Beryllium	0.74	U	0.74	4.0
Cadmium	0.71	U	0.71	5.0
Cobalt	1.6	U	1.6	10
Chromium	1.7	U	1.7	10
Copper	2.9	U	2.9	20
Iron	22	U	22	50
Nickel	4.7	U	4.7	40
Antimony	3.6	U	3.6	6.0
Lead	1.6	U	1.6	5.0
Selenium	5.9	U	5.9	10
Vanadium	2.5	U	2.5	10
Zinc	5.9	U	5.9	20

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7427-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-21517

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Total Recoverable

LCS Lab Sample ID:	LCS 660-21517/2-A	Analysis Batch:	660-21640	Instrument ID:	TJA ICP TRACE
Client Matrix:	Water	Prep Batch:	660-21517	Lab File ID:	6C06A
Dilution:	1.0	Units:	mg/L	Initial Weight/Volume:	50 mL
Date Analyzed:	03/06/2006 1606			Final Weight/Volume:	50 mL
Date Prepared:	03/02/2006 1636				

LCSD Lab Sample ID:	LCSD 660-21517/3-A	Analysis Batch:	660-21640	Instrument ID:	TJA ICP TRACE
Client Matrix:	Water	Prep Batch:	660-21517	Lab File ID:	6C06A
Dilution:	1.0	Units:	mg/L	Initial Weight/Volume:	50 mL
Date Analyzed:	03/06/2006 1612			Final Weight/Volume:	50 mL
Date Prepared:	03/02/2006 1636				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Sodium	92	95	85 - 115	3	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7427-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-21517

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Total Recoverable

LCS Lab Sample ID: LCS 660-21517/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/06/2006 1606
Date Prepared: 03/02/2006 1636

Analysis Batch: 660-21640
Prep Batch: 660-21517
Units: ug/L

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

LCSD Lab Sample ID: LCSD 660-21517/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/06/2006 1612
Date Prepared: 03/02/2006 1636

Analysis Batch: 660-21640
Prep Batch: 660-21517
Units: ug/L

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Silver	97	100	85 - 115	3	20		
Arsenic	100	102	85 - 115	2	20		
Barium	101	105	85 - 115	4	20		
Beryllium	101	104	85 - 115	2	20		
Cadmium	102	104	85 - 115	2	20		
Cobalt	101	103	85 - 115	2	20		
Chromium	104	106	85 - 115	2	20		
Copper	100	103	85 - 115	3	20		
Iron	102	105	85 - 115	3	20		
Nickel	104	107	85 - 115	2	20		
Antimony	95	97	85 - 115	2	20		
Lead	100	101	85 - 115	1	20		
Selenium	99	101	85 - 115	2	20		
Vanadium	104	107	85 - 115	2	20		
Zinc	105	106	85 - 115	2	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: HDR Engineering

Job Number: 660-7427-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-21517

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Total Recoverable

MS Lab Sample ID:	660-7427-20	Analysis Batch:	660-21640	Instrument ID:	TJA ICP TRACE
Client Matrix:	Water	Prep Batch:	660-21517	Lab File ID:	6C06A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/06/2006 1639			Final Weight/Volume:	50 mL
Date Prepared:	03/02/2006 1636				

MSD Lab Sample ID:	660-7427-20	Analysis Batch:	660-21640	Instrument ID:	TJA ICP TRACE
Client Matrix:	Water	Prep Batch:	660-21517	Lab File ID:	6C06A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/06/2006 1645			Final Weight/Volume:	50 mL
Date Prepared:	03/02/2006 1636				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Sodium	97	95	85 - 115	1	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

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Quality Control Results

Client: HDR Engineering

Job Number: 660-7427-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-21517

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Total Recoverable

MS Lab Sample ID:	660-7427-20	Analysis Batch: 660-21640	Instrument ID: TJA ICP TRACE
Client Matrix:	Water	Prep Batch: 660-21517	Lab File ID: 6C06A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	03/06/2006 1639		Final Weight/Volume: 50 mL
Date Prepared:	03/02/2006 1636		

MSD Lab Sample ID:	660-7427-20	Analysis Batch: 660-21640	Instrument ID: TJA ICP TRACE
Client Matrix:	Water	Prep Batch: 660-21517	Lab File ID: 6C06A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	03/06/2006 1645		Final Weight/Volume: 50 mL
Date Prepared:	03/02/2006 1636		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Silver	99	99	85 - 115	0	20		
Arsenic	100	100	85 - 115	0	20		
Barium	103	104	85 - 115	0	20		
Beryllium	103	103	85 - 115	0	20		
Cadmium	102	102	85 - 115	0	20		
Cobalt	101	101	85 - 115	0	20		
Chromium	105	105	85 - 115	0	20		
Copper	100	101	85 - 115	1	20		
Iron	107	105	85 - 115	1	20		
Nickel	105	105	85 - 115	0	20		
Antimony	95	95	85 - 115	0	20		
Lead	101	100	85 - 115	1	20		
Selenium	100	99	85 - 115	1	20		
Vanadium	105	105	85 - 115	0	20		
Zinc	106	105	85 - 115	0	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7427-1

Method Blank - Batch: 660-21519

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Total Recoverable

Lab Sample ID: MB 660-21519/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/07/2006 0916
Date Prepared: 03/02/2006 1641

Analysis Batch: 660-21727
Prep Batch: 660-21519
Units: mg/L

Instrument ID: TJA ICP TRACE
Lab File ID: 6C07A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	PQL
Sodium	0.31	U	0.31	0.50

Method Blank - Batch: 660-21519

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Total Recoverable

Lab Sample ID: MB 660-21519/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/07/2006 0916
Date Prepared: 03/02/2006 1641

Analysis Batch: 660-21727
Prep Batch: 660-21519
Units: ug/L

Instrument ID: TJA ICP TRACE
Lab File ID: 6C07A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	PQL
Silver	1.9	U	1.9	10
Arsenic	4.8	U	4.8	10
Barium	1.2	U	1.2	10
Beryllium	0.74	U	0.74	4.0
Cadmium	0.71	U	0.71	5.0
Cobalt	1.6	U	1.6	10
Chromium	1.7	U	1.7	10
Copper	2.9	U	2.9	20
Iron	22	U	22	50
Nickel	4.7	U	4.7	40
Antimony	3.6	U	3.6	6.0
Lead	1.6	U	1.6	5.0
Selenium	5.9	U	5.9	10
Vanadium	2.5	U	2.5	10
Zinc	5.9	U	5.9	20

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7427-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-21519

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Total Recoverable

LCS Lab Sample ID: LCS 660-21519/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/07/2006 0921
Date Prepared: 03/02/2006 1641

Analysis Batch: 660-21727
Prep Batch: 660-21519
Units: mg/L

Instrument ID: TJA ICP TRACE
Lab File ID: 6C07A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

LCSD Lab Sample ID: LCSD 660-21519/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/07/2006 0927
Date Prepared: 03/02/2006 1641

Analysis Batch: 660-21727
Prep Batch: 660-21519
Units: mg/L

Instrument ID: TJA ICP TRACE
Lab File ID: 6C07A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Sodium	89	96	85 - 115	8	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7427-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-21519

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Total Recoverable

LCS Lab Sample ID: LCS 660-21519/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/07/2006 0921
Date Prepared: 03/02/2006 1641

Analysis Batch: 660-21727
Prep Batch: 660-21519
Units: ug/L

Instrument ID: TJA ICP TRACE
Lab File ID: 6C07A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

LCSD Lab Sample ID: LCSD 660-21519/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/07/2006 0927
Date Prepared: 03/02/2006 1641

Analysis Batch: 660-21727
Prep Batch: 660-21519
Units: ug/L

Instrument ID: TJA ICP TRACE
Lab File ID: 6C07A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Silver	97	96	85 - 115	2	20		
Arsenic	99	98	85 - 115	2	20		
Barium	103	102	85 - 115	1	20		
Beryllium	99	97	85 - 115	2	20		
Cadmium	103	101	85 - 115	2	20		
Cobalt	101	98	85 - 115	2	20		
Chromium	103	101	85 - 115	2	20		
Copper	100	98	85 - 115	1	20		
Iron	104	102	85 - 115	2	20		
Nickel	103	101	85 - 115	2	20		
Antimony	94	93	85 - 115	2	20		
Lead	99	98	85 - 115	2	20		
Selenium	98	98	85 - 115	1	20		
Vanadium	103	101	85 - 115	2	20		
Zinc	103	101	85 - 115	1	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: HDR Engineering

Job Number: 660-7427-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-21519

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Total Recoverable

MS Lab Sample ID:	660-7396-N-3-F MS^R	Analysis Batch: 660-21727	Instrument ID: TJA ICP TRACE
Client Matrix:	Water	Prep Batch: 660-21519	Lab File ID: 6C07A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	03/07/2006 0944		Final Weight/Volume: 50 mL
Date Prepared:	03/02/2006 1641		

MSD Lab Sample ID:	660-7396-N-3-G MSD^R	Analysis Batch: 660-21727	Instrument ID: TJA ICP TRACE
Client Matrix:	Water	Prep Batch: 660-21519	Lab File ID: 6C07A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	03/07/2006 0950		Final Weight/Volume: 50 mL
Date Prepared:	03/02/2006 1641		

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Sodium	89	88	85 - 115	1	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

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Quality Control Results

Client: HDR Engineering

Job Number: 660-7427-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-21519

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Total Recoverable

MS Lab Sample ID:	660-7396-N-3-F MS^R	Analysis Batch: 660-21727	Instrument ID: TJA ICP TRACE
Client Matrix:	Water	Prep Batch: 660-21519	Lab File ID: 6C07A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	03/07/2006 0944		Final Weight/Volume: 50 mL
Date Prepared:	03/02/2006 1641		

MSD Lab Sample ID:	660-7396-N-3-G MSD^R	Analysis Batch: 660-21727	Instrument ID: TJA ICP TRACE
Client Matrix:	Water	Prep Batch: 660-21519	Lab File ID: 6C07A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	03/07/2006 0950		Final Weight/Volume: 50 mL
Date Prepared:	03/02/2006 1641		

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Silver	97	96	85 - 115	1	20		
Arsenic	100	99	85 - 115	1	20		
Barium	103	102	85 - 115	1	20		
Beryllium	100	98	85 - 115	2	20		
Cadmium	103	102	85 - 115	2	20		
Cobalt	101	100	85 - 115	2	20		
Chromium	104	102	85 - 115	2	20		
Copper	101	100	85 - 115	1	20		
Iron	102	100	85 - 115	2	20		
Nickel	104	102	85 - 115	2	20		
Antimony	95	94	85 - 115	1	20		
Lead	100	99	85 - 115	1	20		
Selenium	99	99	85 - 115	1	20		
Vanadium	104	102	85 - 115	2	20		
Zinc	103	102	85 - 115	1	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: HDR Engineering

Job Number: 660-7427-1

Method Blank - Batch: 680-37379

Method: 200.8
Preparation: 4.1.4
Total Recoverable

Lab Sample ID: MB 680-37379/21-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/02/2006 0624
Date Prepared: 02/27/2006 1211

Analysis Batch: 680-37821
Prep Batch: 680-37379
Units: ug/L

Instrument ID: ICP MS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Result	Qual	MDL	PQL
Thallium	0.25	U	0.25	1.0

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 680-37379

Method: 200.8
Preparation: 4.1.4
Total Recoverable

LCS Lab Sample ID: LCS 680-37379/22-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/02/2006 0631
Date Prepared: 02/27/2006 1211

Analysis Batch: 680-37821
Prep Batch: 680-37379
Units: ug/L

Instrument ID: ICP MS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

LCSD Lab Sample ID: LCSD 680-37379/23-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/02/2006 0638
Date Prepared: 02/27/2006 1211

Analysis Batch: 680-37821
Prep Batch: 680-37379
Units: ug/L

Instrument ID: ICP MS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Thallium	102	103	85 - 115	1	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: HDR Engineering

Job Number: 660-7427-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-37379

Method: 200.8
Preparation: 4.1.4
Total Recoverable

MS Lab Sample ID:	660-7427-1	Analysis Batch:	680-37821	Instrument ID:	ICP MS
Client Matrix:	Water	Prep Batch:	680-37379	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/02/2006 0707			Final Weight/Volume:	250 mL
Date Prepared:	02/27/2006 1211				

MSD Lab Sample ID:	660-7427-1	Analysis Batch:	680-37821	Instrument ID:	ICP MS
Client Matrix:	Water	Prep Batch:	680-37379	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/02/2006 0715			Final Weight/Volume:	250 mL
Date Prepared:	02/27/2006 1211				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Thallium	101	102	75 - 125	1	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7427-1

Method Blank - Batch: 680-37477

Method: 200.8
Preparation: 4.1.4
Total Recoverable

Lab Sample ID: MB 680-37477/8-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/02/2006 2048
Date Prepared: 02/28/2006 1040

Analysis Batch: 680-37848
Prep Batch: 680-37477
Units: ug/L

Instrument ID: ICP MS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Result	Qual	MDL	PQL
Thallium	0.25	U	0.25	1.0

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 680-37477

Method: 200.8
Preparation: 4.1.4
Total Recoverable

LCS Lab Sample ID: LCS 680-37477/9-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/02/2006 2055
Date Prepared: 02/28/2006 1040

Analysis Batch: 680-37848
Prep Batch: 680-37477
Units: ug/L

Instrument ID: ICP MS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

LCSD Lab Sample ID: LCSD 680-37477/10-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/02/2006 2103
Date Prepared: 02/28/2006 1040

Analysis Batch: 680-37848
Prep Batch: 680-37477
Units: ug/L

Instrument ID: ICP MS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Thallium	101	99	85 - 115	2	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7427-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-37477

Method: 200.8
Preparation: 4.1.4
Total Recoverable

MS Lab Sample ID:	680-13984-A-1-B MS^R	Analysis Batch: 680-37848	Instrument ID: ICP MS
Client Matrix:	Water	Prep Batch: 680-37477	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	03/02/2006 2229		Final Weight/Volume: 250 mL
Date Prepared:	02/28/2006 1040		

MSD Lab Sample ID:	680-13984-A-1-C	Analysis Batch: 680-37848	Instrument ID: ICP MS
Client Matrix:	Water	Prep Batch: 680-37477	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	03/02/2006 2236		Final Weight/Volume: 250 mL
Date Prepared:	02/28/2006 1040		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Thallium	97	98	75 - 125	1	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7427-1

Method Blank - Batch: 660-21448

Method: 245.1
Preparation: 245.1

Lab Sample ID: MB 660-21448/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/02/2006 1211
Date Prepared: 03/02/2006 0815

Analysis Batch: 660-21493
Prep Batch: 660-21448
Units: ug/L

Instrument ID: Hg Analyzer
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	PQL
Mercury	0.072	U	0.072	0.20

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-21448

Method: 245.1
Preparation: 245.1

LCS Lab Sample ID: LCS 660-21448/2-B
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/02/2006 1213
Date Prepared: 03/02/2006 0815

Analysis Batch: 660-21493
Prep Batch: 660-21448
Units: ug/L

Instrument ID: Hg Analyzer
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

LCSD Lab Sample ID: LCSD 660-21448/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/02/2006 1214
Date Prepared: 03/02/2006 0815

Analysis Batch: 660-21493
Prep Batch: 660-21448
Units: ug/L

Instrument ID: Hg Analyzer
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Mercury	89	90	80 - 120	1	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7427-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-21448

Method: 245.1
Preparation: 245.1

MS Lab Sample ID:	660-7341-B-1-B MS	Analysis Batch: 660-21493	Instrument ID: Hg Analyzer
Client Matrix:	Water	Prep Batch: 660-21448	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	03/02/2006 1219		Final Weight/Volume: 50 mL
Date Prepared:	03/02/2006 0815		

MSD Lab Sample ID:	660-7341-B-1-C MSD	Analysis Batch: 660-21493	Instrument ID: Hg Analyzer
Client Matrix:	Water	Prep Batch: 660-21448	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	03/02/2006 1220		Final Weight/Volume: 50 mL
Date Prepared:	03/02/2006 0815		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Mercury	91	94	80 - 120	3	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7427-1

Method Blank - Batch: 660-21449

Method: 245.1
Preparation: 245.1

Lab Sample ID: MB 660-21449/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/02/2006 1259
Date Prepared: 03/02/2006 0816

Analysis Batch: 660-21493
Prep Batch: 660-21449
Units: ug/L

Instrument ID: Hg Analyzer
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	PQL
Mercury	0.072	U	0.072	0.20

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-21449

Method: 245.1
Preparation: 245.1

LCS Lab Sample ID: LCS 660-21449/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/02/2006 1300
Date Prepared: 03/02/2006 0816

Analysis Batch: 660-21493
Prep Batch: 660-21449
Units: ug/L

Instrument ID: Hg Analyzer
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

LCSD Lab Sample ID: LCSD 660-21449/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/02/2006 1302
Date Prepared: 03/02/2006 0816

Analysis Batch: 660-21493
Prep Batch: 660-21449
Units: ug/L

Instrument ID: Hg Analyzer
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Mercury	90	84	80 - 120	7	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7427-1

Method Blank - Batch: 660-21386

Method: 160.1
Preparation: N/A

Lab Sample ID: MB 660-21386/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/27/2006 1208
Date Prepared: N/A

Analysis Batch: 660-21386
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	RL	PQL
Total Dissolved Solids	5.0	U	5.0	5.0

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-21386

Method: 160.1
Preparation: N/A

LCS Lab Sample ID: LCS 660-21386/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/27/2006 1208
Date Prepared: N/A

Analysis Batch: 660-21386
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 660-21386/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/27/2006 1208
Date Prepared: N/A

Analysis Batch: 660-21386
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Total Dissolved Solids	97	100	80 - 120	3	25		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: HDR Engineering

Job Number: 660-7427-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-21386

Method: 160.1
Preparation: N/A

MS Lab Sample ID:	660-7427-3	Analysis Batch:	660-21386	Instrument ID:	No Equipment Assigned
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	02/27/2006 1208			Final Weight/Volume:	50 mL
Date Prepared:	N/A				

MSD Lab Sample ID:	660-7427-3	Analysis Batch:	660-21386	Instrument ID:	No Equipment Assigned
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	02/27/2006 1208			Final Weight/Volume:	50 mL
Date Prepared:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Total Dissolved Solids	100	101	80 - 120	0	25		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7427-1

Method Blank - Batch: 660-21388

Method: 160.1
Preparation: N/A

Lab Sample ID: MB 660-21388/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/28/2006 1421
Date Prepared: N/A

Analysis Batch: 660-21388
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	RL	PQL
Total Dissolved Solids	5.0	U	5.0	5.0

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-21388

Method: 160.1
Preparation: N/A

LCS Lab Sample ID: LCS 660-21388/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/28/2006 1421
Date Prepared: N/A

Analysis Batch: 660-21388
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 660-21388/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/28/2006 1421
Date Prepared: N/A

Analysis Batch: 660-21388
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Total Dissolved Solids	95	99	80 - 120	4	25		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7427-1

Method Blank - Batch: 660-21389

Method: 160.1
Preparation: N/A

Lab Sample ID: MB 660-21389/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/27/2006 1554
Date Prepared: N/A

Analysis Batch: 660-21389
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	RL	PQL
Total Dissolved Solids	5.0	U	5.0	5.0

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-21389

Method: 160.1
Preparation: N/A

LCS Lab Sample ID: LCS 660-21389/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/27/2006 1554
Date Prepared: N/A

Analysis Batch: 660-21389
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 660-21389/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/27/2006 1554
Date Prepared: N/A

Analysis Batch: 660-21389
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Total Dissolved Solids	99	99	80 - 120	0	25		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: HDR Engineering

Job Number: 660-7427-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-21389

Method: 160.1
Preparation: N/A

MS Lab Sample ID:	660-7368-A-2 MS	Analysis Batch: 660-21389	Instrument ID: No Equipment Assigned
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	02/27/2006 1554		Final Weight/Volume: 50 mL
Date Prepared:	N/A		

MSD Lab Sample ID:	660-7368-A-2 MSD	Analysis Batch: 660-21389	Instrument ID: No Equipment Assigned
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	02/27/2006 1554		Final Weight/Volume: 50 mL
Date Prepared:	N/A		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Total Dissolved Solids	99	99	80 - 120	0	25		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7427-1

Method Blank - Batch: 660-21383

Method: 325.2
Preparation: N/A

Lab Sample ID: MB 660-21383/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/28/2006 1659
Date Prepared: N/A

Analysis Batch: 660-21383
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

Analyte	Result	Qual	MDL	PQL
Chloride	0.90	U	0.90	1.0

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-21383

Method: 325.2
Preparation: N/A

LCS Lab Sample ID: LCS 660-21383/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/28/2006 1659
Date Prepared: N/A

Analysis Batch: 660-21383
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

LCSD Lab Sample ID: LCSD 660-21383/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/28/2006 1659
Date Prepared: N/A

Analysis Batch: 660-21383
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloride	100	99	90 - 110	1	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

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Quality Control Results

Client: HDR Engineering

Job Number: 660-7427-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-21383

Method: 325.2
Preparation: N/A

MS Lab Sample ID:	660-7394-C-1 MS	Analysis Batch: 660-21383	Instrument ID: No Equipment Assigned
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 2 mL
Date Analyzed:	02/28/2006 1659		Final Weight/Volume: 2 mL
Date Prepared:	N/A		

MSD Lab Sample ID:	660-7394-C-1 MSD	Analysis Batch: 660-21383	Instrument ID: No Equipment Assigned
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 2 mL
Date Analyzed:	02/28/2006 1659		Final Weight/Volume: 2 mL
Date Prepared:	N/A		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloride	92	107	90 - 110	4	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7427-1

Method Blank - Batch: 660-21506

Method: 325.2
Preparation: N/A

Lab Sample ID: MB 660-21506/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/02/2006 1044
Date Prepared: N/A

Analysis Batch: 660-21506
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

Analyte	Result	Qual	MDL	PQL
Chloride	0.90	U	0.90	1.0

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-21506

Method: 325.2
Preparation: N/A

LCS Lab Sample ID: LCS 660-21506/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/02/2006 1044
Date Prepared: N/A

Analysis Batch: 660-21506
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

LCSD Lab Sample ID: LCSD 660-21506/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/02/2006 1044
Date Prepared: N/A

Analysis Batch: 660-21506
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloride	102	101	90 - 110	0	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

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Quality Control Results

Client: HDR Engineering

Job Number: 660-7427-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-21506

Method: 325.2
Preparation: N/A

MS Lab Sample ID:	660-7427-15	Analysis Batch: 660-21506	Instrument ID: No Equipment Assigned
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 2 mL
Date Analyzed:	03/02/2006 1044		Final Weight/Volume: 2 mL
Date Prepared:	N/A		

MSD Lab Sample ID:	660-7427-15	Analysis Batch: 660-21506	Instrument ID: No Equipment Assigned
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 2 mL
Date Analyzed:	03/02/2006 1044		Final Weight/Volume: 2 mL
Date Prepared:	N/A		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloride	141	164	90 - 110	12	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7427-1

Method Blank - Batch: 660-21357

Method: 350.1
Preparation: N/A

Lab Sample ID: MB 660-21357/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/28/2006 1154
Date Prepared: N/A

Analysis Batch: 660-21357
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

Analyte	Result	Qual	MDL	PQL
Ammonia	0.040	I	0.040	0.050

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-21357

Method: 350.1
Preparation: N/A

LCS Lab Sample ID: LCS 660-21357/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/28/2006 1154
Date Prepared: N/A

Analysis Batch: 660-21357
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

LCSD Lab Sample ID: LCSD 660-21357/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/28/2006 1154
Date Prepared: N/A

Analysis Batch: 660-21357
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

Analyte	% Rec. LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Ammonia	103	104	90 - 110	1	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: HDR Engineering

Job Number: 660-7427-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-21357

Method: 350.1
Preparation: N/A

MS Lab Sample ID:	660-7427-1	Analysis Batch: 660-21357	Instrument ID: No Equipment Assigned
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 2 mL
Date Analyzed:	02/28/2006 1154		Final Weight/Volume: 2 mL
Date Prepared:	N/A		

MSD Lab Sample ID:	660-7427-1	Analysis Batch: 660-21357	Instrument ID: No Equipment Assigned
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 2 mL
Date Analyzed:	02/28/2006 1154		Final Weight/Volume: 2 mL
Date Prepared:	N/A		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Ammonia	121	120	90 - 110	1	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7427-1

Method Blank - Batch: 660-21401

Method: 350.1
Preparation: N/A

Lab Sample ID: MB 660-21401/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/01/2006 1016
Date Prepared: N/A

Analysis Batch: 660-21401
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

Analyte	Result	Qual	MDL	PQL
Ammonia	0.040	U	0.040	0.050

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-21401

Method: 350.1
Preparation: N/A

LCS Lab Sample ID: LCS 660-21401/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/01/2006 1016
Date Prepared: N/A

Analysis Batch: 660-21401
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

LCSD Lab Sample ID: LCSD 660-21401/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/01/2006 1016
Date Prepared: N/A

Analysis Batch: 660-21401
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Ammonia	102	102	90 - 110	0	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

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Quality Control Results

Client: HDR Engineering

Job Number: 660-7427-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-21401

Method: 350.1
Preparation: N/A

MS Lab Sample ID:	660-7368-B-1 MS	Analysis Batch: 660-21401	Instrument ID: No Equipment Assigned
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 2 mL
Date Analyzed:	03/01/2006 1016		Final Weight/Volume: 2 mL
Date Prepared:	N/A		

MSD Lab Sample ID:	660-7368-B-1 MSD	Analysis Batch: 660-21401	Instrument ID: No Equipment Assigned
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 2 mL
Date Analyzed:	03/01/2006 1016		Final Weight/Volume: 2 mL
Date Prepared:	N/A		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Ammonia	115	115	90 - 110	0	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: HDR Engineering

Job Number: 660-7427-1

Method Blank - Batch: 660-21179

Method: 353.2
Preparation: N/A

Lab Sample ID: MB 660-21179/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/24/2006 1237
Date Prepared: N/A

Analysis Batch: 660-21179
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	PQL
Nitrate Nitrogen	0.010	U	0.010	0.050

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-21179

Method: 353.2
Preparation: N/A

LCS Lab Sample ID: LCS 660-21179/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/24/2006 1237
Date Prepared: N/A

Analysis Batch: 660-21179
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

LCSD Lab Sample ID: LCSD 660-21179/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/24/2006 1237
Date Prepared: N/A

Analysis Batch: 660-21179
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Nitrate Nitrogen	86	84	80 - 120	1	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7427-1

Method Blank - Batch: 660-21180

Method: 353.2
Preparation: N/A

Lab Sample ID: MB 660-21180/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/24/2006 1448
Date Prepared: N/A

Analysis Batch: 660-21180
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	PQL
Nitrate Nitrogen	0.010	U	0.010	0.050

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-21180

Method: 353.2
Preparation: N/A

LCS Lab Sample ID: LCS 660-21180/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/24/2006 1448
Date Prepared: N/A

Analysis Batch: 660-21180
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

LCSD Lab Sample ID: LCSD 660-21180/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/24/2006 1448
Date Prepared: N/A

Analysis Batch: 660-21180
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Nitrate Nitrogen	85	85	80 - 120	0	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7427-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-21180

Method: 353.2
Preparation: N/A

MS Lab Sample ID:	660-7427-8	Analysis Batch: 660-21180	Instrument ID: No Equipment Assigned
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	02/24/2006 1448		Final Weight/Volume: 50 mL
Date Prepared:	N/A		

MSD Lab Sample ID:	660-7427-8	Analysis Batch: 660-21180	Instrument ID: No Equipment Assigned
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	02/24/2006 1448		Final Weight/Volume: 50 mL
Date Prepared:	N/A		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Nitrate Nitrogen	98	105	80 - 120	5	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

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LOGIN SAMPLE RECEIPT CHECK LIST

Client: HDR Engineering

Job Number: 660-7427-1

Login Number: 7427

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	NA	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

SEVERN TRENT STL®

ANALYTICAL REPORT

Job Number: 660-7387-1

Job Description: Trail Ridge Landfill

For:
HDR Engineering
200 W. Forsyth St., Suite 800
Jacksonville, FL 32202

Attention: Mr. Brad Stone

Nancy Robertson
Project Manager II
nrobertson@stl-inc.com
04/06/2006

Project Manager: Nancy Robertson

DOH Certification #: E84282
These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL Project Manager who signed this test report. The estimated uncertainty associated with these reported results is available upon request.

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Case Narrative: STL Project 660-7387

Client: HDR Engineering

Project: Trail Ridge Landfill

Laboratory: STL Tampa

Sixteen liquid samples and a trip blank were received on February 23, 2006 and logged in as STL Project 660-7387.

TDS

The original results for TDS on samples MWB29I, MWB29S and MWB2I were reported non detect at 5.0 U mg/l. Due to the correlation between chloride and TDS the lab re analyzed these samples for TDS and the results were higher than originally reported. We are reporting the re analyzed results. The samples were re analyzed after the EPA recommended hold time had exceeded. The results are flagged with a "Q".

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EXECUTIVE SUMMARY - Detections

Client: HDR Engineering

Job Number: 660-7387-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
660-7387-1	**MWB19D**					
Total Dissolved Solids		170		5.0	mg/L	160.1
Chloride		5.7		1.0	mg/L	325.2
Ammonia		0.11		0.050	mg/L	350.1
Nitrate Nitrogen		0.011	I	0.050	mg/L	353.2
Total Recoverable						
Barium		110		10	ug/L	200.7 Rev 4.4
Chromium		5.8	I	10	ug/L	200.7 Rev 4.4
Iron		2600		50	ug/L	200.7 Rev 4.4
Sodium		4.6		0.50	mg/L	200.7 Rev 4.4
Vanadium		7.6	I	10	ug/L	200.7 Rev 4.4
Thallium		0.61	I	1.0	ug/L	200.8
660-7387-2	**MWB19I**					
Total Dissolved Solids		26		5.0	mg/L	160.1
Chloride		8.6		1.0	mg/L	325.2
Total Recoverable						
Barium		95		10	ug/L	200.7 Rev 4.4
Cadmium		0.81	I	5.0	ug/L	200.7 Rev 4.4
Cobalt		3.4	I	10	ug/L	200.7 Rev 4.4
Chromium		5.4	I	10	ug/L	200.7 Rev 4.4
Iron		1100		50	ug/L	200.7 Rev 4.4
Sodium		3.5		0.50	mg/L	200.7 Rev 4.4
Nickel		6.8	I	40	ug/L	200.7 Rev 4.4
Vanadium		7.5	I	10	ug/L	200.7 Rev 4.4
Zinc		20		20	ug/L	200.7 Rev 4.4
Thallium		0.57	I	1.0	ug/L	200.8
660-7387-3	**MWB19S**					
Total Dissolved Solids		52		5.0	mg/L	160.1
Chloride		9.3		1.0	mg/L	325.2
Ammonia		0.37		0.050	mg/L	350.1
Total Recoverable						
Barium		24		10	ug/L	200.7 Rev 4.4
Cobalt		2.6	I	10	ug/L	200.7 Rev 4.4
Chromium		2.3	I	10	ug/L	200.7 Rev 4.4
Iron		460		50	ug/L	200.7 Rev 4.4
Sodium		5.5		0.50	mg/L	200.7 Rev 4.4

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EXECUTIVE SUMMARY - Detections

Client: HDR Engineering

Job Number: 660-7387-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
660-7387-4	**MWB12I**					
Total Dissolved Solids		16		5.0	mg/L	160.1
Chloride		5.8		1.0	mg/L	325.2
Total Recoverable						
Barium		52		10	ug/L	200.7 Rev 4.4
Cobalt		1.8	I	10	ug/L	200.7 Rev 4.4
Iron		440		50	ug/L	200.7 Rev 4.4
Sodium		3.1		0.50	mg/L	200.7 Rev 4.4
660-7387-5	**MWB12D**					
Total Dissolved Solids		180		5.0	mg/L	160.1
Chloride		6.6		1.0	mg/L	325.2
Ammonia		0.19		0.050	mg/L	350.1
Total Recoverable						
Barium		120		10	ug/L	200.7 Rev 4.4
Iron		710		50	ug/L	200.7 Rev 4.4
Sodium		5.8		0.50	mg/L	200.7 Rev 4.4
660-7387-6	**MWB12S**					
Total Dissolved Solids		62		5.0	mg/L	160.1
Chloride		10		1.0	mg/L	325.2
Ammonia		0.20		0.050	mg/L	350.1
Nitrate Nitrogen		0.029	I	0.050	mg/L	353.2
Total Recoverable						
Barium		10		10	ug/L	200.7 Rev 4.4
Chromium		5.4	I	10	ug/L	200.7 Rev 4.4
Copper		3.4	I	20	ug/L	200.7 Rev 4.4
Iron		110		50	ug/L	200.7 Rev 4.4
Sodium		2.8		0.50	mg/L	200.7 Rev 4.4
Selenium		6.8	I	10	ug/L	200.7 Rev 4.4
Vanadium		32		10	ug/L	200.7 Rev 4.4

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EXECUTIVE SUMMARY - Detections

Client: HDR Engineering

Job Number: 660-7387-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
660-7387-7	**MWB22S**					
Total Dissolved Solids		110		5.0	mg/L	160.1
Chloride		9.2		1.0	mg/L	325.2
Ammonia		0.41		0.050	mg/L	350.1
Total Recoverable						
Barium		5.8	I	10	ug/L	200.7 Rev 4.4
Cobalt		2.0	I	10	ug/L	200.7 Rev 4.4
Chromium		2.1	I	10	ug/L	200.7 Rev 4.4
Iron		140		50	ug/L	200.7 Rev 4.4
Sodium		6.2		0.50	mg/L	200.7 Rev 4.4
660-7387-8	**MWB27I**					
Total Dissolved Solids		22		5.0	mg/L	160.1
Chloride		6.2		1.0	mg/L	325.2
Ammonia		0.053		0.050	mg/L	350.1
Nitrate Nitrogen		0.021	I	0.050	mg/L	353.2
Total Recoverable						
Barium		55		10	ug/L	200.7 Rev 4.4
Iron		500		50	ug/L	200.7 Rev 4.4
Sodium		3.3		0.50	mg/L	200.7 Rev 4.4
660-7387-9	**DUP01**					
Total Dissolved Solids		18		5.0	mg/L	160.1
Chloride		6.1		1.0	mg/L	325.2
Ammonia		0.055		0.050	mg/L	350.1
Nitrate Nitrogen		0.021	I	0.050	mg/L	353.2
Total Recoverable						
Barium		56		10	ug/L	200.7 Rev 4.4
Iron		520		50	ug/L	200.7 Rev 4.4
Sodium		3.4		0.50	mg/L	200.7 Rev 4.4
660-7387-10	**MWB27D**					
Total Dissolved Solids		30		5.0	mg/L	160.1
Chloride		5.3		1.0	mg/L	325.2
Ammonia		0.064		0.050	mg/L	350.1
Nitrate Nitrogen		0.013	I	0.050	mg/L	353.2
Total Recoverable						
Barium		55		10	ug/L	200.7 Rev 4.4
Iron		870		50	ug/L	200.7 Rev 4.4
Sodium		3.6		0.50	mg/L	200.7 Rev 4.4

SEVERN TRENT STL®

EXECUTIVE SUMMARY - Detections

Client: HDR Engineering

Job Number: 660-7387-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
660-7387-11	**MWB27S**					
Total Dissolved Solids		16		5.0	mg/L	160.1
Chloride		5.1		1.0	mg/L	325.2
Ammonia		0.055		0.050	mg/L	350.1
Nitrate Nitrogen		0.091		0.050	mg/L	353.2
Total Recoverable						
Barium		9.5	I	10	ug/L	200.7 Rev 4.4
Iron		53		50	ug/L	200.7 Rev 4.4
Sodium		2.4		0.50	mg/L	200.7 Rev 4.4
Vanadium		5.8	I	10	ug/L	200.7 Rev 4.4
660-7387-12	**MWB29I**					
Total Dissolved Solids		28	Q	5.0	mg/L	160.1
Chloride		5.5		1.0	mg/L	325.2
Total Recoverable						
Barium		50		10	ug/L	200.7 Rev 4.4
Chromium		1.8	I	10	ug/L	200.7 Rev 4.4
Iron		500		50	ug/L	200.7 Rev 4.4
Sodium		3.3		0.50	mg/L	200.7 Rev 4.4
660-7387-13	**MWB29D**					
Total Dissolved Solids		24		5.0	mg/L	160.1
Chloride		5.8		1.0	mg/L	325.2
Ammonia		0.080		0.050	mg/L	350.1
Total Recoverable						
Barium		54		10	ug/L	200.7 Rev 4.4
Iron		830		50	ug/L	200.7 Rev 4.4
Sodium		3.6		0.50	mg/L	200.7 Rev 4.4
660-7387-14	**MWB29S**					
Total Dissolved Solids		38	Q	5.0	mg/L	160.1
Chloride		6.9		1.0	mg/L	325.2
Total Recoverable						
Barium		10		10	ug/L	200.7 Rev 4.4
Cobalt		2.3	I	10	ug/L	200.7 Rev 4.4
Iron		350		50	ug/L	200.7 Rev 4.4
Sodium		3.8		0.50	mg/L	200.7 Rev 4.4

SEVERN TRENT STL®

EXECUTIVE SUMMARY - Detections

Client: HDR Engineering

Job Number: 660-7387-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
660-7387-15	**MWB2I**					
Total Dissolved Solids		42	Q	5.0	mg/L	160.1
Chloride		6.4		1.0	mg/L	325.2
Total Recoverable						
Barium		21		10	ug/L	200.7 Rev 4.4
Iron		360		50	ug/L	200.7 Rev 4.4
Sodium		4.0		0.50	mg/L	200.7 Rev 4.4
660-7387-16	**MWB2S**					
Toluene		0.54	I	1.0	ug/L	8260B
Chloride		4.8		1.0	mg/L	325.2
Total Recoverable						
Barium		15		10	ug/L	200.7 Rev 4.4
Iron		430		50	ug/L	200.7 Rev 4.4
Sodium		2.9		0.50	mg/L	200.7 Rev 4.4

SEVERN TRENT STL®

METHOD SUMMARY

Client: HDR Engineering

Job Number: 660-7387-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds by GC/MS	STL-TAM	SW846 8260B	
Purge-and-Trap	STL-TAM		SW846 5030B
EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography	STL-TAM	EPA-01 504.1	
EDB, DBCP, and 123TCP in Water by	STL-TAM		EPA-DW 504.1
ICP Metals by 200.7	STL-TAM	EPA 200.7 Rev 4.4	
Total Recoverable Metals Digestion for 200.7	STL-TAM		40CFR136A 200.7 Appx C
ICPMS Metals by 200.8 CWA	STL-SAV	EPA 200.8	
Total Recoverable Metals for 200.8	STL-SAV		MCAWW 4.1.4
Mercury in Water by CVAA	STL-TAM	EPA 245.1	
Digestion for CVAA Mercury in Waters	STL-TAM		EPA 245.1
Field Sampling	STL-TAM	EPA Field Sampling	
Residue, Filterable, Gravimetric, Dried at 180°C (TDS)	STL-TAM	MCAWW 160.1	
Chloride (Colorimetric, Automated Ferricyanide)	STL-TAM	MCAWW 325.2	
Nitrogen (Ammonia, Colorimetric, Automated Phenate)	STL-TAM	MCAWW 350.1	
Nitrogen, Nitrate-Nitrite (Colorimetric, Automated, Cadmium Reduction)	STL-TAM	MCAWW 353.2	

LAB REFERENCES:

STL-TAM = STL-Tampa
STL-SAV = STL-Savannah

METHOD REFERENCES:

EPA - US Environmental Protection Agency

EPA-01 - "Methods For The Determination Of Nonconventional Pesticides In Municipal And Industrial Wastewater", EPA/821/R/92/002, April 1992.

MCAWW - "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

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METHOD / ANALYST SUMMARY

Client: HDR Engineering

Job Number: 660-7387-1

Method	Analyst	Analyst ID
SW846 8260B	Ballard, Patricia	PB
EPA-01 504.1	Ballard, James	JB
EPA 200.7 Rev 4.4	Fox, Greg	GF
EPA 200.8	Boyuk, Brian	BB
EPA 245.1	Phan, Qui	QP
EPA Field Sampling	Sampler, Field	FS
MCAWW 160.1	Johnson, Amanda N	ANJ
MCAWW 325.2	Robarge, Andrea	AR
MCAWW 350.1	Robarge, Andrea	AR
MCAWW 353.2	Steward, Tiffany	TS

SEVERN TRENT STL®

SAMPLE SUMMARY

Client: HDR Engineering

Job Number: 660-7387-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
660-7387-1	MWB19D	Water	02/22/2006 0836	02/23/2006 0941
660-7387-2	MWB19I	Water	02/22/2006 0915	02/23/2006 0941
660-7387-3	MWB19S	Water	02/22/2006 0934	02/23/2006 0941
660-7387-4	MWB12I	Water	02/22/2006 1015	02/23/2006 0941
660-7387-5	MWB12D	Water	02/22/2006 1032	02/23/2006 0941
660-7387-6	MWB12S	Water	02/22/2006 1048	02/23/2006 0941
660-7387-7	MWB22S	Water	02/22/2006 1107	02/23/2006 0941
660-7387-8	MWB27I	Water	02/22/2006 1146	02/23/2006 0941
660-7387-9	Dup01	Water	02/22/2006 1146	02/23/2006 0941
660-7387-10	MWB27D	Water	02/22/2006 1213	02/23/2006 0941
660-7387-11	MWB27S	Water	02/22/2006 1232	02/23/2006 0941
660-7387-12	MWB29I	Water	02/22/2006 1320	02/23/2006 0941
660-7387-13	MWB29D	Water	02/22/2006 1336	02/23/2006 0941
660-7387-14	MWB29S	Water	02/22/2006 1355	02/23/2006 0941
660-7387-15	MWB2I	Water	02/22/2006 1431	02/23/2006 0941
660-7387-16	MWB2S	Water	02/22/2006 1517	02/23/2006 0941
660-7387-17	Trip Blank	Water	02/22/2006 0000	02/23/2006 0941

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: MWB19D

Lab Sample ID: 660-7387-1
Client Matrix: Water

Date Sampled: 02/22/2006 0836
Date Received: 02/23/2006 0941

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2006 1824
Date Prepared: 03/07/2006 1824

Analysis Batch: 660-21747

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0712.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.27	U	0.27	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	0.66	U	0.66	1.0
Methyl Ethyl Ketone	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Bromochloromethane	0.58	U	0.58	1.0
Chloroethane	0.80	U	0.80	1.0
Chloroform	0.90	U	0.90	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
Chloromethane	0.64	U	0.64	1.0
Dibromochloromethane	0.34	U	0.34	1.0
Methylene bromide	0.41	U	0.41	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
4-Methyl-2-pentanone	3.8	U	3.8	10
Methylene Chloride	4.0	U	4.0	5.0
Styrene	0.98	U	0.98	1.0
1,1,2,2-Tetrachloroethane	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
Tetrachloroethene	0.34	U	0.34	1.0
Toluene	0.51	U	0.51	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.28	U	0.28	1.0
Trichlorofluoromethane	0.98	U	0.98	1.0
1,2,3-Trichloropropane	0.15	U	0.15	1.0
Vinyl acetate	1.5	U	1.5	10

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: **MWB19D**

Lab Sample ID: 660-7387-1
Client Matrix: Water

Date Sampled: 02/22/2006 0836
Date Received: 02/23/2006 0941

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2006 1824
Date Prepared: 03/07/2006 1824

Analysis Batch: 660-21747

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0712.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.30	U	0.30	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	99	74 - 126
Dibromofluoromethane	99	70 - 130
Toluene-d8	114	77 - 122

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: MWB19I

Lab Sample ID: 660-7387-2
Client Matrix: Water

Date Sampled: 02/22/2006 0915
Date Received: 02/23/2006 0941

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/08/2006 0101
Date Prepared: 03/08/2006 0101

Analysis Batch: 660-21747

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0728.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.27	U	0.27	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	0.66	U	0.66	1.0
Methyl Ethyl Ketone	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Bromochloromethane	0.58	U	0.58	1.0
Chloroethane	0.80	U	0.80	1.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	0.64	U	0.64	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
Dibromochloromethane	0.34	U	0.34	1.0
Methylene bromide	0.41	U	0.41	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
4-Methyl-2-pentanone	3.8	U	3.8	10
Methylene Chloride	4.0	U	4.0	5.0
Styrene	0.98	U	0.98	1.0
1,1,2,2-Tetrachloroethane	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
Tetrachloroethene	0.34	U	0.34	1.0
Toluene	0.51	U	0.51	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.28	U	0.28	1.0
Trichlorofluoromethane	0.98	U	0.98	1.0
1,2,3-Trichloropropane	0.15	U	0.15	1.0
Vinyl acetate	1.5	U	1.5	10

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: **MWB19I**

Lab Sample ID: 660-7387-2
Client Matrix: Water

Date Sampled: 02/22/2006 0915
Date Received: 02/23/2006 0941

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/08/2006 0101
Date Prepared: 03/08/2006 0101

Analysis Batch: 660-21747

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0728.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.30	U	0.30	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	97	74 - 126
Dibromofluoromethane	99	70 - 130
Toluene-d8	113	77 - 122

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: MWB19S

Lab Sample ID: 660-7387-3
Client Matrix: Water

Date Sampled: 02/22/2006 0934
Date Received: 02/23/2006 0941

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/08/2006 0036
Date Prepared: 03/08/2006 0036

Analysis Batch: 660-21747

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0727.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.27	U	0.27	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	0.66	U	0.66	1.0
Methyl Ethyl Ketone	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Bromochloromethane	0.58	U	0.58	1.0
Chloroethane	0.80	U	0.80	1.0
Chloroform	0.90	U	0.90	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
Chloromethane	0.64	U	0.64	1.0
Dibromochloromethane	0.34	U	0.34	1.0
Methylene bromide	0.41	U	0.41	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
4-Methyl-2-pentanone	3.8	U	3.8	10
Methylene Chloride	4.0	U	4.0	5.0
Styrene	0.98	U	0.98	1.0
1,1,2,2-Tetrachloroethane	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
Tetrachloroethene	0.34	U	0.34	1.0
Toluene	0.51	U	0.51	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.28	U	0.28	1.0
Trichlorofluoromethane	0.98	U	0.98	1.0
1,2,3-Trichloropropane	0.15	U	0.15	1.0
Vinyl acetate	1.5	U	1.5	10

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: **MWB19S**

Lab Sample ID: 660-7387-3
Client Matrix: Water

Date Sampled: 02/22/2006 0934
Date Received: 02/23/2006 0941

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/08/2006 0036
Date Prepared: 03/08/2006 0036

Analysis Batch: 660-21747

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0727.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.30	U	0.30	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	91	74 - 126
Dibromofluoromethane	91	70 - 130
Toluene-d8	108	77 - 122

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: MWB12I

Lab Sample ID: 660-7387-4
Client Matrix: Water

Date Sampled: 02/22/2006 1015
Date Received: 02/23/2006 0941

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2006 1849
Date Prepared: 03/07/2006 1849

Analysis Batch: 660-21747

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0713.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.27	U	0.27	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	0.66	U	0.66	1.0
Methyl Ethyl Ketone	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Bromochloromethane	0.58	U	0.58	1.0
Chloroethane	0.80	U	0.80	1.0
Chloroform	0.90	U	0.90	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
Chloromethane	0.64	U	0.64	1.0
Dibromochloromethane	0.34	U	0.34	1.0
Methylene bromide	0.41	U	0.41	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
4-Methyl-2-pentanone	3.8	U	3.8	10
Methylene Chloride	4.0	U	4.0	5.0
Styrene	0.98	U	0.98	1.0
1,1,2,2-Tetrachloroethane	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
Tetrachloroethene	0.34	U	0.34	1.0
Toluene	0.51	U	0.51	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.28	U	0.28	1.0
Trichlorofluoromethane	0.98	U	0.98	1.0
1,2,3-Trichloropropane	0.15	U	0.15	1.0
Vinyl acetate	1.5	U	1.5	10

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: **MWB12I**

Lab Sample ID: 660-7387-4
Client Matrix: Water

Date Sampled: 02/22/2006 1015
Date Received: 02/23/2006 0941

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2006 1849
Date Prepared: 03/07/2006 1849

Analysis Batch: 660-21747

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0713.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.30	U	0.30	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	93	74 - 126
Dibromofluoromethane	95	70 - 130
Toluene-d8	107	77 - 122

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: MWB12D

Lab Sample ID: 660-7387-5
Client Matrix: Water

Date Sampled: 02/22/2006 1032
Date Received: 02/23/2006 0941

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/08/2006 0011
Date Prepared: 03/08/2006 0011

Analysis Batch: 660-21747

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0726.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.27	U	0.27	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	0.66	U	0.66	1.0
Methyl Ethyl Ketone	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Bromochloromethane	0.58	U	0.58	1.0
Chloroethane	0.80	U	0.80	1.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	0.64	U	0.64	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
Dibromochloromethane	0.34	U	0.34	1.0
Methylene bromide	0.41	U	0.41	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
4-Methyl-2-pentanone	3.8	U	3.8	10
Methylene Chloride	4.0	U	4.0	5.0
Styrene	0.98	U	0.98	1.0
1,1,2,2-Tetrachloroethane	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
Tetrachloroethene	0.34	U	0.34	1.0
Toluene	0.51	U	0.51	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.28	U	0.28	1.0
Trichlorofluoromethane	0.98	U	0.98	1.0
1,2,3-Trichloropropane	0.15	U	0.15	1.0
Vinyl acetate	1.5	U	1.5	10

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: **MWB12D**

Lab Sample ID: 660-7387-5
Client Matrix: Water

Date Sampled: 02/22/2006 1032
Date Received: 02/23/2006 0941

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/08/2006 0011
Date Prepared: 03/08/2006 0011

Analysis Batch: 660-21747

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0726.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.30	U	0.30	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	98	74 - 126
Dibromofluoromethane	98	70 - 130
Toluene-d8	113	77 - 122

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: **MWB12S**

Lab Sample ID: 660-7387-6
Client Matrix: Water

Date Sampled: 02/22/2006 1048
Date Received: 02/23/2006 0941

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2006 1913
Date Prepared: 03/07/2006 1913

Analysis Batch: 660-21747

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0714.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.27	U	0.27	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	0.66	U	0.66	1.0
Methyl Ethyl Ketone	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Bromochloromethane	0.58	U	0.58	1.0
Chloroethane	0.80	U	0.80	1.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	0.64	U	0.64	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
Dibromochloromethane	0.34	U	0.34	1.0
Methylene bromide	0.41	U	0.41	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
4-Methyl-2-pentanone	3.8	U	3.8	10
Methylene Chloride	4.0	U	4.0	5.0
Styrene	0.98	U	0.98	1.0
1,1,2,2-Tetrachloroethane	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
Tetrachloroethene	0.34	U	0.34	1.0
Toluene	0.51	U	0.51	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.28	U	0.28	1.0
Trichlorofluoromethane	0.98	U	0.98	1.0
1,2,3-Trichloropropane	0.15	U	0.15	1.0
Vinyl acetate	1.5	U	1.5	10

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: MWB12S

Lab Sample ID: 660-7387-6
Client Matrix: Water

Date Sampled: 02/22/2006 1048
Date Received: 02/23/2006 0941

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2006 1913
Date Prepared: 03/07/2006 1913

Analysis Batch: 660-21747

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0714.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.30	U	0.30	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	93	74 - 126
Dibromofluoromethane	95	70 - 130
Toluene-d8	110	77 - 122

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Analytical Data

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: MWB22S

Lab Sample ID: 660-7387-7
Client Matrix: Water

Date Sampled: 02/22/2006 1107
Date Received: 02/23/2006 0941

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2006 1938
Date Prepared: 03/07/2006 1938

Analysis Batch: 660-21747

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0715.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.27	U	0.27	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	0.66	U	0.66	1.0
Methyl Ethyl Ketone	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Bromochloromethane	0.58	U	0.58	1.0
Chloroethane	0.80	U	0.80	1.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	0.64	U	0.64	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
Dibromochloromethane	0.34	U	0.34	1.0
Methylene bromide	0.41	U	0.41	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
4-Methyl-2-pentanone	3.8	U	3.8	10
Methylene Chloride	4.0	U	4.0	5.0
Styrene	0.98	U	0.98	1.0
1,1,2,2-Tetrachloroethane	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
Tetrachloroethene	0.34	U	0.34	1.0
Toluene	0.51	U	0.51	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.28	U	0.28	1.0
Trichlorofluoromethane	0.98	U	0.98	1.0
1,2,3-Trichloropropane	0.15	U	0.15	1.0
Vinyl acetate	1.5	U	1.5	10

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: **MWB22S**

Lab Sample ID: 660-7387-7
Client Matrix: Water

Date Sampled: 02/22/2006 1107
Date Received: 02/23/2006 0941

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2006 1938
Date Prepared: 03/07/2006 1938

Analysis Batch: 660-21747

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0715.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.30	U	0.30	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	92	74 - 126
Dibromofluoromethane	95	70 - 130
Toluene-d8	109	77 - 122

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: MWB27I

Lab Sample ID: 660-7387-8
Client Matrix: Water

Date Sampled: 02/22/2006 1146
Date Received: 02/23/2006 0941

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2006 2003
Date Prepared: 03/07/2006 2003

Analysis Batch: 660-21747

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0716.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.27	U	0.27	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	0.66	U	0.66	1.0
Methyl Ethyl Ketone	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Bromochloromethane	0.58	U	0.58	1.0
Chloroethane	0.80	U	0.80	1.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	0.64	U	0.64	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
Dibromochloromethane	0.34	U	0.34	1.0
Methylene bromide	0.41	U	0.41	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
1,1-Dichloroethane	0.52	U	0.52	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
4-Methyl-2-pentanone	3.8	U	3.8	10
Methylene Chloride	4.0	U	4.0	5.0
Styrene	0.98	U	0.98	1.0
1,1,2,2-Tetrachloroethane	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
Tetrachloroethene	0.34	U	0.34	1.0
Toluene	0.51	U	0.51	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.28	U	0.28	1.0
Trichlorofluoromethane	0.98	U	0.98	1.0
1,2,3-Trichloropropane	0.15	U	0.15	1.0
Vinyl acetate	1.5	U	1.5	10

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: MWB27I

Lab Sample ID: 660-7387-8
Client Matrix: Water

Date Sampled: 02/22/2006 1146
Date Received: 02/23/2006 0941

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2006 2003
Date Prepared: 03/07/2006 2003

Analysis Batch: 660-21747

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0716.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.30	U	0.30	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	94	74 - 126
Dibromofluoromethane	94	70 - 130
Toluene-d8	106	77 - 122

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: **Dup01**

Lab Sample ID: 660-7387-9
Client Matrix: Water

Date Sampled: 02/22/2006 1146
Date Received: 02/23/2006 0941

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2006 2028
Date Prepared: 03/07/2006 2028

Analysis Batch: 660-21747

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0717.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.27	U	0.27	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	0.66	U	0.66	1.0
Methyl Ethyl Ketone	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Bromochloromethane	0.58	U	0.58	1.0
Chloroethane	0.80	U	0.80	1.0
Chloroform	0.90	U	0.90	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
Chloromethane	0.64	U	0.64	1.0
Dibromochloromethane	0.34	U	0.34	1.0
Methylene bromide	0.41	U	0.41	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
4-Methyl-2-pentanone	3.8	U	3.8	10
Methylene Chloride	4.0	U	4.0	5.0
Styrene	0.98	U	0.98	1.0
1,1,2,2-Tetrachloroethane	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
Tetrachloroethene	0.34	U	0.34	1.0
Toluene	0.51	U	0.51	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.28	U	0.28	1.0
Trichlorofluoromethane	0.98	U	0.98	1.0
1,2,3-Trichloropropane	0.15	U	0.15	1.0
Vinyl acetate	1.5	U	1.5	10

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: **Dup01**

Lab Sample ID: 660-7387-9
Client Matrix: Water

Date Sampled: 02/22/2006 1146
Date Received: 02/23/2006 0941

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2006 2028
Date Prepared: 03/07/2006 2028

Analysis Batch: 660-21747

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0717.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.30	U	0.30	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	87	74 - 126
Dibromofluoromethane	86	70 - 130
Toluene-d8	93	77 - 122

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: MWB27D

Lab Sample ID: 660-7387-10
Client Matrix: Water

Date Sampled: 02/22/2006 1213
Date Received: 02/23/2006 0941

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2006 2053
Date Prepared: 03/07/2006 2053

Analysis Batch: 660-21747

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0718.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.27	U	0.27	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	0.66	U	0.66	1.0
Methyl Ethyl Ketone	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Bromochloromethane	0.58	U	0.58	1.0
Chloroethane	0.80	U	0.80	1.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	0.64	U	0.64	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
Dibromochloromethane	0.34	U	0.34	1.0
Methylene bromide	0.41	U	0.41	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
4-Methyl-2-pentanone	3.8	U	3.8	10
Methylene Chloride	4.0	U	4.0	5.0
Styrene	0.98	U	0.98	1.0
1,1,2,2-Tetrachloroethane	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
Tetrachloroethene	0.34	U	0.34	1.0
Toluene	0.51	U	0.51	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.28	U	0.28	1.0
Trichlorofluoromethane	0.98	U	0.98	1.0
1,2,3-Trichloropropane	0.15	U	0.15	1.0
Vinyl acetate	1.5	U	1.5	10

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: **MWB27D**

Lab Sample ID: 660-7387-10
Client Matrix: Water

Date Sampled: 02/22/2006 1213
Date Received: 02/23/2006 0941

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2006 2053
Date Prepared: 03/07/2006 2053

Analysis Batch: 660-21747

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0718.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.30	U	0.30	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	90	74 - 126
Dibromofluoromethane	90	70 - 130
Toluene-d8	106	77 - 122

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: **MWB27S**

Lab Sample ID: 660-7387-11
Client Matrix: Water

Date Sampled: 02/22/2006 1232
Date Received: 02/23/2006 0941

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2006 2118
Date Prepared: 03/07/2006 2118

Analysis Batch: 660-21747

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0719.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.27	U	0.27	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	0.66	U	0.66	1.0
Methyl Ethyl Ketone	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Bromochloromethane	0.58	U	0.58	1.0
Chloroethane	0.80	U	0.80	1.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	0.64	U	0.64	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
Dibromochloromethane	0.34	U	0.34	1.0
Methylene bromide	0.41	U	0.41	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
4-Methyl-2-pentanone	3.8	U	3.8	10
Methylene Chloride	4.0	U	4.0	5.0
Styrene	0.98	U	0.98	1.0
1,1,2,2-Tetrachloroethane	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
Tetrachloroethene	0.34	U	0.34	1.0
Toluene	0.51	U	0.51	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.28	U	0.28	1.0
Trichlorofluoromethane	0.98	U	0.98	1.0
1,2,3-Trichloropropane	0.15	U	0.15	1.0
Vinyl acetate	1.5	U	1.5	10

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: **MWB27S**

Lab Sample ID: 660-7387-11
Client Matrix: Water

Date Sampled: 02/22/2006 1232
Date Received: 02/23/2006 0941

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2006 2118
Date Prepared: 03/07/2006 2118

Analysis Batch: 660-21747

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0719.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.30	U	0.30	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	90	74 - 126
Dibromofluoromethane	93	70 - 130
Toluene-d8	105	77 - 122

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: MWB29I

Lab Sample ID: 660-7387-12
Client Matrix: Water

Date Sampled: 02/22/2006 1320
Date Received: 02/23/2006 0941

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2006 2142
Date Prepared: 03/07/2006 2142

Analysis Batch: 660-21747

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0720.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.27	U	0.27	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	0.66	U	0.66	1.0
Methyl Ethyl Ketone	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Bromochloromethane	0.58	U	0.58	1.0
Chloroethane	0.80	U	0.80	1.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	0.64	U	0.64	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
Dibromochloromethane	0.34	U	0.34	1.0
Methylene bromide	0.41	U	0.41	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
4-Methyl-2-pentanone	3.8	U	3.8	10
Methylene Chloride	4.0	U	4.0	5.0
Styrene	0.98	U	0.98	1.0
1,1,2,2-Tetrachloroethane	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
Tetrachloroethene	0.34	U	0.34	1.0
Toluene	0.51	U	0.51	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.28	U	0.28	1.0
Trichlorofluoromethane	0.98	U	0.98	1.0
1,2,3-Trichloropropane	0.15	U	0.15	1.0
Vinyl acetate	1.5	U	1.5	10

Analytical Data

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: **MWB29I**

Lab Sample ID: 660-7387-12
Client Matrix: Water

Date Sampled: 02/22/2006 1320
Date Received: 02/23/2006 0941

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2006 2142
Date Prepared: 03/07/2006 2142

Analysis Batch: 660-21747

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0720.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.30	U	0.30	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	88	74 - 126
Dibromofluoromethane	90	70 - 130
Toluene-d8	100	77 - 122

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: MWB29D

Lab Sample ID: 660-7387-13
Client Matrix: Water

Date Sampled: 02/22/2006 1336
Date Received: 02/23/2006 0941

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2006 2207
Date Prepared: 03/07/2006 2207

Analysis Batch: 660-21747

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0721.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.27	U	0.27	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	0.66	U	0.66	1.0
Methyl Ethyl Ketone	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Bromochloromethane	0.58	U	0.58	1.0
Chloroethane	0.80	U	0.80	1.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	0.64	U	0.64	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
Dibromochloromethane	0.34	U	0.34	1.0
Methylene bromide	0.41	U	0.41	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
1,1-Dichloroethane	0.52	U	0.52	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
4-Methyl-2-pentanone	3.8	U	3.8	10
Methylene Chloride	4.0	U	4.0	5.0
Styrene	0.98	U	0.98	1.0
1,1,2,2-Tetrachloroethane	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
Tetrachloroethene	0.34	U	0.34	1.0
Toluene	0.51	U	0.51	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.28	U	0.28	1.0
Trichlorofluoromethane	0.98	U	0.98	1.0
1,2,3-Trichloropropane	0.15	U	0.15	1.0
Vinyl acetate	1.5	U	1.5	10

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: MWB29D

Lab Sample ID: 660-7387-13
Client Matrix: Water

Date Sampled: 02/22/2006 1336
Date Received: 02/23/2006 0941

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2006 2207
Date Prepared: 03/07/2006 2207

Analysis Batch: 660-21747

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0721.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.30	U	0.30	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	95	74 - 126
Dibromofluoromethane	94	70 - 130
Toluene-d8	109	77 - 122

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: MWB29S

Lab Sample ID: 660-7387-14
Client Matrix: Water

Date Sampled: 02/22/2006 1355
Date Received: 02/23/2006 0941

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2006 2232
Date Prepared: 03/07/2006 2232

Analysis Batch: 660-21747

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0722.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.27	U	0.27	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	0.66	U	0.66	1.0
Methyl Ethyl Ketone	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Bromochloromethane	0.58	U	0.58	1.0
Chloroethane	0.80	U	0.80	1.0
Chloroform	0.90	U	0.90	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
Chloromethane	0.64	U	0.64	1.0
Dibromochloromethane	0.34	U	0.34	1.0
Methylene bromide	0.41	U	0.41	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
4-Methyl-2-pentanone	3.8	U	3.8	10
Methylene Chloride	4.0	U	4.0	5.0
Styrene	0.98	U	0.98	1.0
1,1,2,2-Tetrachloroethane	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
Tetrachloroethene	0.34	U	0.34	1.0
Toluene	0.51	U	0.51	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.28	U	0.28	1.0
Trichlorofluoromethane	0.98	U	0.98	1.0
1,2,3-Trichloropropane	0.15	U	0.15	1.0
Vinyl acetate	1.5	U	1.5	10

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: **MWB29S**

Lab Sample ID: 660-7387-14
Client Matrix: Water

Date Sampled: 02/22/2006 1355
Date Received: 02/23/2006 0941

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2006 2232
Date Prepared: 03/07/2006 2232

Analysis Batch: 660-21747

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0722.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.30	U	0.30	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	98	74 - 126
Dibromofluoromethane	97	70 - 130
Toluene-d8	114	77 - 122

Analytical Data

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: MWB2I

Lab Sample ID: 660-7387-15
Client Matrix: Water

Date Sampled: 02/22/2006 1431
Date Received: 02/23/2006 0941

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2006 2257
Date Prepared: 03/07/2006 2257

Analysis Batch: 660-21747

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0723.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.27	U	0.27	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	0.66	U	0.66	1.0
Methyl Ethyl Ketone	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Bromochloromethane	0.58	U	0.58	1.0
Chloroethane	0.80	U	0.80	1.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	0.64	U	0.64	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
Dibromochloromethane	0.34	U	0.34	1.0
Methylene bromide	0.41	U	0.41	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
4-Methyl-2-pentanone	3.8	U	3.8	10
Methylene Chloride	4.0	U	4.0	5.0
Styrene	0.98	U	0.98	1.0
1,1,2,2-Tetrachloroethane	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
Tetrachloroethene	0.34	U	0.34	1.0
Toluene	0.51	U	0.51	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.28	U	0.28	1.0
Trichlorofluoromethane	0.98	U	0.98	1.0
1,2,3-Trichloropropane	0.15	U	0.15	1.0
Vinyl acetate	1.5	U	1.5	10

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: **MWB2I**

Lab Sample ID: 660-7387-15
Client Matrix: Water

Date Sampled: 02/22/2006 1431
Date Received: 02/23/2006 0941

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2006 2257
Date Prepared: 03/07/2006 2257

Analysis Batch: 660-21747

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0723.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.30	U	0.30	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	92	74 - 126
Dibromofluoromethane	94	70 - 130
Toluene-d8	105	77 - 122

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: MWB2S

Lab Sample ID: 660-7387-16
Client Matrix: Water

Date Sampled: 02/22/2006 1517
Date Received: 02/23/2006 0941

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2006 2322
Date Prepared: 03/07/2006 2322

Analysis Batch: 660-21747

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0724.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.27	U	0.27	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	0.66	U	0.66	1.0
Methyl Ethyl Ketone	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Bromochloromethane	0.58	U	0.58	1.0
Chloroethane	0.80	U	0.80	1.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	0.64	U	0.64	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
Dibromochloromethane	0.34	U	0.34	1.0
Methylene bromide	0.41	U	0.41	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
4-Methyl-2-pentanone	3.8	U	3.8	10
Methylene Chloride	4.0	U	4.0	5.0
Styrene	0.98	U	0.98	1.0
1,1,2,2-Tetrachloroethane	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
Tetrachloroethene	0.34	U	0.34	1.0
Toluene	0.54	I	0.51	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.28	U	0.28	1.0
Trichlorofluoromethane	0.98	U	0.98	1.0
1,2,3-Trichloropropane	0.15	U	0.15	1.0
Vinyl acetate	1.5	U	1.5	10

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: MWB2S

Lab Sample ID: 660-7387-16
Client Matrix: Water

Date Sampled: 02/22/2006 1517
Date Received: 02/23/2006 0941

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2006 2322
Date Prepared: 03/07/2006 2322

Analysis Batch: 660-21747

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0724.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.30	U	0.30	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	91	74 - 126
Dibromofluoromethane	91	70 - 130
Toluene-d8	105	77 - 122

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: **Trip Blank**

Lab Sample ID: 660-7387-17
Client Matrix: Water

Date Sampled: 02/22/2006 0000
Date Received: 02/23/2006 0941

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2006 2346
Date Prepared: 03/07/2006 2346

Analysis Batch: 660-21747

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0725.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.27	U	0.27	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	0.66	U	0.66	1.0
Methyl Ethyl Ketone	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Bromochloromethane	0.58	U	0.58	1.0
Chloroethane	0.80	U	0.80	1.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	0.64	U	0.64	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
Dibromochloromethane	0.34	U	0.34	1.0
Methylene bromide	0.41	U	0.41	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
4-Methyl-2-pentanone	3.8	U	3.8	10
Methylene Chloride	4.0	U	4.0	5.0
Styrene	0.98	U	0.98	1.0
1,1,2,2-Tetrachloroethane	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
Tetrachloroethene	0.34	U	0.34	1.0
Toluene	0.51	U	0.51	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.28	U	0.28	1.0
Trichlorofluoromethane	0.98	U	0.98	1.0
1,2,3-Trichloropropane	0.15	U	0.15	1.0
Vinyl acetate	1.5	U	1.5	10

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: **Trip Blank**

Lab Sample ID: 660-7387-17
Client Matrix: Water

Date Sampled: 02/22/2006 0000
Date Received: 02/23/2006 0941

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2006 2346
Date Prepared: 03/07/2006 2346

Analysis Batch: 660-21747

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0725.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.30	U	0.30	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	95	74 - 126
Dibromofluoromethane	99	70 - 130
Toluene-d8	114	77 - 122

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: **MWB19D**

Lab Sample ID: 660-7387-1
Client Matrix: Water

Date Sampled: 02/22/2006 0836
Date Received: 02/23/2006 0941

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1
Preparation: 504.1
Dilution: 1.0
Date Analyzed: 03/07/2006 1644
Date Prepared: 03/07/2006 1030

Analysis Batch: 660-21876
Prep Batch: 660-21760

Instrument ID: HP 5890 Series II ECD1/2
Lab File ID: 1C07S018.D
Initial Weight/Volume: 33.6666 g
Final Weight/Volume: 3 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0031	U	0.0031	0.021
Ethylene Dibromide	0.0090	U	0.0090	0.021

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: **MWB19I**

Lab Sample ID: 660-7387-2
Client Matrix: Water

Date Sampled: 02/22/2006 0915
Date Received: 02/23/2006 0941

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1
Preparation: 504.1
Dilution: 1.0
Date Analyzed: 03/07/2006 1754
Date Prepared: 03/07/2006 1030

Analysis Batch: 660-21876
Prep Batch: 660-21760

Instrument ID: HP 5890 Series II ECD1/2
Lab File ID: 1C07S021.D
Initial Weight/Volume: 32.8406 g
Final Weight/Volume: 3 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0032	U	0.0032	0.021
Ethylene Dibromide	0.0093	U	0.0093	0.021

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: **MWB19S**

Lab Sample ID: 660-7387-3
Client Matrix: Water

Date Sampled: 02/22/2006 0934
Date Received: 02/23/2006 0941

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1
Preparation: 504.1
Dilution: 1.0
Date Analyzed: 03/07/2006 1840
Date Prepared: 03/07/2006 1030

Analysis Batch: 660-21876
Prep Batch: 660-21760

Instrument ID: HP 5890 Series II ECD1/2
Lab File ID: 1C07S023.D
Initial Weight/Volume: 33.2248 g
Final Weight/Volume: 3 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0032	U	0.0032	0.021
Ethylene Dibromide	0.0092	U	0.0092	0.021

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: MWB12I

Lab Sample ID: 660-7387-4
Client Matrix: Water

Date Sampled: 02/22/2006 1015
Date Received: 02/23/2006 0941

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1
Preparation: 504.1
Dilution: 1.0
Date Analyzed: 03/07/2006 1904
Date Prepared: 03/07/2006 1030

Analysis Batch: 660-21876
Prep Batch: 660-21760

Instrument ID: HP 5890 Series II ECD1/2
Lab File ID: 1C07S024.D
Initial Weight/Volume: 34.0383 g
Final Weight/Volume: 3 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0031	U	0.0031	0.021
Ethylene Dibromide	0.0089	U	0.0089	0.021

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: **MWB12D**

Lab Sample ID: 660-7387-5
Client Matrix: Water

Date Sampled: 02/22/2006 1032
Date Received: 02/23/2006 0941

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1
Preparation: 504.1
Dilution: 1.0
Date Analyzed: 03/07/2006 1927
Date Prepared: 03/07/2006 1030

Analysis Batch: 660-21876
Prep Batch: 660-21760

Instrument ID: HP 5890 Series II ECD1/2
Lab File ID: 1C07S025.D
Initial Weight/Volume: 32.5922 g
Final Weight/Volume: 3 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0032	U	0.0032	0.021
Ethylene Dibromide	0.0093	U	0.0093	0.021

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: **MWB12S**

Lab Sample ID: 660-7387-6
Client Matrix: Water

Date Sampled: 02/22/2006 1048
Date Received: 02/23/2006 0941

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1
Preparation: 504.1
Dilution: 1.0
Date Analyzed: 03/07/2006 1950
Date Prepared: 03/07/2006 1030

Analysis Batch: 660-21876
Prep Batch: 660-21760

Instrument ID: HP 5890 Series II ECD1/2
Lab File ID: 1C07S026.D
Initial Weight/Volume: 33.4209 g
Final Weight/Volume: 3 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0031	U	0.0031	0.021
Ethylene Dibromide	0.0091	U	0.0091	0.021

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: **MWB22S**

Lab Sample ID: 660-7387-7
Client Matrix: Water

Date Sampled: 02/22/2006 1107
Date Received: 02/23/2006 0941

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1
Preparation: 504.1
Dilution: 1.0
Date Analyzed: 03/07/2006 2013
Date Prepared: 03/07/2006 1030

Analysis Batch: 660-21876
Prep Batch: 660-21760

Instrument ID: HP 5890 Series II ECD1/2
Lab File ID: 1C07S027.D
Initial Weight/Volume: 32.6377 g
Final Weight/Volume: 3 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0032	U	0.0032	0.021
Ethylene Dibromide	0.0093	U	0.0093	0.021

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: **MWB27I**

Lab Sample ID: 660-7387-8
Client Matrix: Water

Date Sampled: 02/22/2006 1146
Date Received: 02/23/2006 0941

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1
Preparation: 504.1
Dilution: 1.0
Date Analyzed: 03/07/2006 2036
Date Prepared: 03/07/2006 1030

Analysis Batch: 660-21876
Prep Batch: 660-21760

Instrument ID: HP 5890 Series II ECD1/2
Lab File ID: 1C07S028.D
Initial Weight/Volume: 33.3128 g
Final Weight/Volume: 3 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0032	U	0.0032	0.021
Ethylene Dibromide	0.0091	U	0.0091	0.021

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: **Dup01**

Lab Sample ID: 660-7387-9
Client Matrix: Water

Date Sampled: 02/22/2006 1146
Date Received: 02/23/2006 0941

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1
Preparation: 504.1
Dilution: 1.0
Date Analyzed: 03/07/2006 2100
Date Prepared: 03/07/2006 1030

Analysis Batch: 660-21876
Prep Batch: 660-21760

Instrument ID: HP 5890 Series II ECD1/2
Lab File ID: 1C07S029.D
Initial Weight/Volume: 33.5235 g
Final Weight/Volume: 3 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0031	U	0.0031	0.021
Ethylene Dibromide	0.0091	U	0.0091	0.021

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: MWB27D

Lab Sample ID: 660-7387-10
Client Matrix: Water

Date Sampled: 02/22/2006 1213
Date Received: 02/23/2006 0941

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1
Preparation: 504.1
Dilution: 1.0
Date Analyzed: 03/07/2006 2232
Date Prepared: 03/07/2006 1030

Analysis Batch: 660-21876
Prep Batch: 660-21760

Instrument ID: HP 5890 Series II ECD1/2
Lab File ID: 1C07S033.D
Initial Weight/Volume: 33.4288 g
Final Weight/Volume: 3 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0031	U	0.0031	0.021
Ethylene Dibromide	0.0091	U	0.0091	0.021

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: MWB27S

Lab Sample ID: 660-7387-11
Client Matrix: Water

Date Sampled: 02/22/2006 1232
Date Received: 02/23/2006 0941

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1
Preparation: 504.1
Dilution: 1.0
Date Analyzed: 03/07/2006 2256
Date Prepared: 03/07/2006 1030

Analysis Batch: 660-21876
Prep Batch: 660-21760

Instrument ID: HP 5890 Series II ECD1/2
Lab File ID: 1C07S034.D
Initial Weight/Volume: 33.5503 g
Final Weight/Volume: 3 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0031	U	0.0031	0.021
Ethylene Dibromide	0.0091	U	0.0091	0.021

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: MWB29I

Lab Sample ID: 660-7387-12
Client Matrix: Water

Date Sampled: 02/22/2006 1320
Date Received: 02/23/2006 0941

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1
Preparation: 504.1
Dilution: 1.0
Date Analyzed: 03/07/2006 2342
Date Prepared: 03/07/2006 1030

Analysis Batch: 660-21876
Prep Batch: 660-21760

Instrument ID: HP 5890 Series II ECD1/2
Lab File ID: 1C07S036.D
Initial Weight/Volume: 33.6021 g
Final Weight/Volume: 3 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0031	U	0.0031	0.021
Ethylene Dibromide	0.0091	U	0.0091	0.021

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: MWB29D

Lab Sample ID: 660-7387-13
Client Matrix: Water

Date Sampled: 02/22/2006 1336
Date Received: 02/23/2006 0941

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1
Preparation: 504.1
Dilution: 1.0
Date Analyzed: 03/08/2006 0005
Date Prepared: 03/07/2006 1030

Analysis Batch: 660-21876
Prep Batch: 660-21760

Instrument ID: HP 5890 Series II ECD1/2
Lab File ID: 1C07S037.D
Initial Weight/Volume: 34.2807 g
Final Weight/Volume: 3 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0031	U	0.0031	0.020
Ethylene Dibromide	0.0089	U	0.0089	0.020

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: MWB29S

Lab Sample ID: 660-7387-14
Client Matrix: Water

Date Sampled: 02/22/2006 1355
Date Received: 02/23/2006 0941

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1
Preparation: 504.1
Dilution: 1.0
Date Analyzed: 03/08/2006 0028
Date Prepared: 03/07/2006 1030

Analysis Batch: 660-21876
Prep Batch: 660-21760

Instrument ID: HP 5890 Series II ECD1/2
Lab File ID: 1C07S038.D
Initial Weight/Volume: 33.2271 g
Final Weight/Volume: 3 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0032	U	0.0032	0.021
Ethylene Dibromide	0.0092	U	0.0092	0.021

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: MWB2I

Lab Sample ID: 660-7387-15
Client Matrix: Water

Date Sampled: 02/22/2006 1431
Date Received: 02/23/2006 0941

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1
Preparation: 504.1
Dilution: 1.0
Date Analyzed: 03/08/2006 0051
Date Prepared: 03/07/2006 1030

Analysis Batch: 660-21876
Prep Batch: 660-21760

Instrument ID: HP 5890 Series II ECD1/2
Lab File ID: 1C07S039.D
Initial Weight/Volume: 33.7792 g
Final Weight/Volume: 3 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0031	U	0.0031	0.021
Ethylene Dibromide	0.0090	U	0.0090	0.021

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: MWB2S

Lab Sample ID: 660-7387-16
Client Matrix: Water

Date Sampled: 02/22/2006 1517
Date Received: 02/23/2006 0941

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1
Preparation: 504.1
Dilution: 1.0
Date Analyzed: 03/08/2006 0115
Date Prepared: 03/07/2006 1030

Analysis Batch: 660-21876
Prep Batch: 660-21760

Instrument ID: HP 5890 Series II ECD1/2
Lab File ID: 1C07S040.D
Initial Weight/Volume: 33.6578 g
Final Weight/Volume: 3 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0031	U	0.0031	0.021
Ethylene Dibromide	0.0090	U	0.0090	0.021

Client Sample ID: MWB19D

Lab Sample ID: 660-7387-1
Client Matrix: Water

Date Sampled: 02/22/2006 0836
Date Received: 02/23/2006 0941

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method:	200.7 Rev 4.4	Analysis Batch: 660-21640		Instrument ID:	TJA ICP TRACE
Preparation:	200.7 Appx C	Prep Batch: 660-21464		Lab File ID:	6C06A
Dilution:	1.0			Initial Weight/Volume:	50.0 mL
Date Analyzed:	03/06/2006 0940			Final Weight/Volume:	50.0 mL
Date Prepared:	03/02/2006 0953				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	4.6		0.31	0.50

Method:	200.7 Rev 4.4	Analysis Batch: 660-21640		Instrument ID:	TJA ICP TRACE
Preparation:	200.7 Appx C	Prep Batch: 660-21464		Lab File ID:	6C06A
Dilution:	1.0			Initial Weight/Volume:	50.0 mL
Date Analyzed:	03/06/2006 0940			Final Weight/Volume:	50.0 mL
Date Prepared:	03/02/2006 0953				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Silver	1.9	U	1.9	10
Arsenic	4.8	U	4.8	10
Barium	110		1.2	10
Beryllium	0.74	U	0.74	4.0
Cadmium	0.71	U	0.71	5.0
Cobalt	1.6	U	1.6	10
Chromium	5.8	I	1.7	10
Copper	2.9	U	2.9	20
Iron	2600		22	50
Nickel	4.7	U	4.7	40
Antimony	3.6	U	3.6	6.0
Lead	1.6	U	1.6	5.0
Selenium	5.9	U	5.9	10
Vanadium	7.6	I	2.5	10
Zinc	5.9	U	5.9	20

200.8 ICPMS Metals by 200.8 CWA-Total Recoverable

Method:	200.8	Analysis Batch: 680-37847		Instrument ID:	ICP MS
Preparation:	4.1.4	Prep Batch: 680-37401		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/03/2006 0310			Final Weight/Volume:	250 mL
Date Prepared:	02/27/2006 1327				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.61	I	0.25	1.0

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: MWB19D

Lab Sample ID:	660-7387-1	Date Sampled:	02/22/2006 0836
Client Matrix:	Water	Date Received:	02/23/2006 0941

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch: 660-21504		Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch: 660-21446		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/02/2006 1132			Final Weight/Volume:	50 mL
Date Prepared:	03/02/2006 0805				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.072	U	0.072	0.20

Client Sample ID: MWB19I

Lab Sample ID: 660-7387-2
Client Matrix: Water

Date Sampled: 02/22/2006 0915
Date Received: 02/23/2006 0941

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 0946
Date Prepared: 03/02/2006 0953

Analysis Batch: 660-21640
Prep Batch: 660-21464

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50.0 mL
Final Weight/Volume: 50.0 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	3.5		0.31	0.50

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 0946
Date Prepared: 03/02/2006 0953

Analysis Batch: 660-21640
Prep Batch: 660-21464

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50.0 mL
Final Weight/Volume: 50.0 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Silver	1.9	U	1.9	10
Arsenic	4.8	U	4.8	10
Barium	95		1.2	10
Beryllium	0.74	U	0.74	4.0
Cadmium	0.81	I	0.71	5.0
Cobalt	3.4	I	1.6	10
Chromium	5.4	I	1.7	10
Copper	2.9	U	2.9	20
Iron	1100		22	50
Nickel	6.8	I	4.7	40
Antimony	3.6	U	3.6	6.0
Lead	1.6	U	1.6	5.0
Selenium	5.9	U	5.9	10
Vanadium	7.5	I	2.5	10
Zinc	20		5.9	20

200.8 ICPMS Metals by 200.8 CWA-Total Recoverable

Method: 200.8
Preparation: 4.1.4
Dilution: 1.0
Date Analyzed: 03/03/2006 0346
Date Prepared: 02/27/2006 1327

Analysis Batch: 680-37847
Prep Batch: 680-37401

Instrument ID: ICP MS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.57	I	0.25	1.0

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: MWB19I

Lab Sample ID:	660-7387-2	Date Sampled:	02/22/2006 0915
Client Matrix:	Water	Date Received:	02/23/2006 0941

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch: 660-21504		Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch: 660-21446		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/02/2006 1137			Final Weight/Volume:	50 mL
Date Prepared:	03/02/2006 0805				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.072	U	0.072	0.20

Client Sample ID: MWB19S

Lab Sample ID: 660-7387-3
Client Matrix: Water

Date Sampled: 02/22/2006 0934
Date Received: 02/23/2006 0941

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 1003
Date Prepared: 03/02/2006 0953

Analysis Batch: 660-21640
Prep Batch: 660-21464

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50.0 mL
Final Weight/Volume: 50.0 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	5.5		0.31	0.50

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 1003
Date Prepared: 03/02/2006 0953

Analysis Batch: 660-21640
Prep Batch: 660-21464

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50.0 mL
Final Weight/Volume: 50.0 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Silver	1.9	U	1.9	10
Arsenic	4.8	U	4.8	10
Barium	24		1.2	10
Beryllium	0.74	U	0.74	4.0
Cadmium	0.71	U	0.71	5.0
Cobalt	2.6	I	1.6	10
Chromium	2.3	I	1.7	10
Copper	2.9	U	2.9	20
Iron	460		22	50
Nickel	4.7	U	4.7	40
Antimony	3.6	U	3.6	6.0
Lead	1.6	U	1.6	5.0
Selenium	5.9	U	5.9	10
Vanadium	2.5	U	2.5	10
Zinc	5.9	U	5.9	20

200.8 ICPMS Metals by 200.8 CWA-Total Recoverable

Method: 200.8
Preparation: 4.1.4
Dilution: 1.0
Date Analyzed: 03/03/2006 0353
Date Prepared: 02/27/2006 1327

Analysis Batch: 680-37847
Prep Batch: 680-37401

Instrument ID: ICP MS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.25	U	0.25	1.0

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: MWB19S

Lab Sample ID:	660-7387-3	Date Sampled:	02/22/2006 0934
Client Matrix:	Water	Date Received:	02/23/2006 0941

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch: 660-21504		Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch: 660-21446		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/02/2006 1139			Final Weight/Volume:	50 mL
Date Prepared:	03/02/2006 0805				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.072	U	0.072	0.20

Client Sample ID: MWB12I

Lab Sample ID:	660-7387-4	Date Sampled:	02/22/2006 1015
Client Matrix:	Water	Date Received:	02/23/2006 0941

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method:	200.7 Rev 4.4	Analysis Batch: 660-21640		Instrument ID:	TJA ICP TRACE
Preparation:	200.7 Appx C	Prep Batch: 660-21464		Lab File ID:	6C06A
Dilution:	1.0			Initial Weight/Volume:	50.0 mL
Date Analyzed:	03/06/2006 1009			Final Weight/Volume:	50.0 mL
Date Prepared:	03/02/2006 0953				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	3.1		0.31	0.50

Method:	200.7 Rev 4.4	Analysis Batch: 660-21640		Instrument ID:	TJA ICP TRACE
Preparation:	200.7 Appx C	Prep Batch: 660-21464		Lab File ID:	6C06A
Dilution:	1.0			Initial Weight/Volume:	50.0 mL
Date Analyzed:	03/06/2006 1009			Final Weight/Volume:	50.0 mL
Date Prepared:	03/02/2006 0953				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Silver	1.9	U	1.9	10
Arsenic	4.8	U	4.8	10
Barium	52		1.2	10
Beryllium	0.74	U	0.74	4.0
Cadmium	0.71	U	0.71	5.0
Cobalt	1.8	I	1.6	10
Chromium	1.7	U	1.7	10
Copper	2.9	U	2.9	20
Iron	440		22	50
Nickel	4.7	U	4.7	40
Antimony	3.6	U	3.6	6.0
Lead	1.6	U	1.6	5.0
Selenium	5.9	U	5.9	10
Vanadium	2.5	U	2.5	10
Zinc	5.9	U	5.9	20

200.8 ICPMS Metals by 200.8 CWA-Total Recoverable

Method:	200.8	Analysis Batch: 680-37847		Instrument ID:	ICP MS
Preparation:	4.1.4	Prep Batch: 680-37401		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/03/2006 0415			Final Weight/Volume:	250 mL
Date Prepared:	02/27/2006 1327				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.25	U	0.25	1.0

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: MWB12I

Lab Sample ID:	660-7387-4	Date Sampled:	02/22/2006 1015
Client Matrix:	Water	Date Received:	02/23/2006 0941

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch: 660-21504		Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch: 660-21446		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/02/2006 1141			Final Weight/Volume:	50 mL
Date Prepared:	03/02/2006 0805				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.072	U	0.072	0.20

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: MWB12D

Lab Sample ID: 660-7387-5
Client Matrix: Water

Date Sampled: 02/22/2006 1032
Date Received: 02/23/2006 0941

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 1014
Date Prepared: 03/02/2006 0953

Analysis Batch: 660-21640
Prep Batch: 660-21464

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50.0 mL
Final Weight/Volume: 50.0 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	5.8		0.31	0.50

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 1014
Date Prepared: 03/02/2006 0953

Analysis Batch: 660-21640
Prep Batch: 660-21464

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50.0 mL
Final Weight/Volume: 50.0 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Silver	1.9	U	1.9	10
Arsenic	4.8	U	4.8	10
Barium	120		1.2	10
Beryllium	0.74	U	0.74	4.0
Cadmium	0.71	U	0.71	5.0
Cobalt	1.6	U	1.6	10
Chromium	1.7	U	1.7	10
Copper	2.9	U	2.9	20
Iron	710		22	50
Nickel	4.7	U	4.7	40
Antimony	3.6	U	3.6	6.0
Lead	1.6	U	1.6	5.0
Selenium	5.9	U	5.9	10
Vanadium	2.5	U	2.5	10
Zinc	5.9	U	5.9	20

200.8 ICPMS Metals by 200.8 CWA-Total Recoverable

Method: 200.8
Preparation: 4.1.4
Dilution: 1.0
Date Analyzed: 03/03/2006 0422
Date Prepared: 02/27/2006 1327

Analysis Batch: 680-37847
Prep Batch: 680-37401

Instrument ID: ICP MS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.25	U	0.25	1.0

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: MWB12D

Lab Sample ID:	660-7387-5	Date Sampled:	02/22/2006 1032
Client Matrix:	Water	Date Received:	02/23/2006 0941

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch: 660-21504		Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch: 660-21446		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/02/2006 1143			Final Weight/Volume:	50 mL
Date Prepared:	03/02/2006 0805				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.072	U	0.072	0.20

Client Sample ID: MWB12S

Lab Sample ID: 660-7387-6
Client Matrix: Water

Date Sampled: 02/22/2006 1048
Date Received: 02/23/2006 0941

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 1020
Date Prepared: 03/02/2006 0953

Analysis Batch: 660-21640
Prep Batch: 660-21464

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50.0 mL
Final Weight/Volume: 50.0 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	2.8		0.31	0.50

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 1020
Date Prepared: 03/02/2006 0953

Analysis Batch: 660-21640
Prep Batch: 660-21464

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50.0 mL
Final Weight/Volume: 50.0 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Silver	1.9	U	1.9	10
Arsenic	4.8	U	4.8	10
Barium	10		1.2	10
Beryllium	0.74	U	0.74	4.0
Cadmium	0.71	U	0.71	5.0
Cobalt	1.6	U	1.6	10
Chromium	5.4	I	1.7	10
Copper	3.4	I	2.9	20
Iron	110		22	50
Nickel	4.7	U	4.7	40
Antimony	3.6	U	3.6	6.0
Lead	1.6	U	1.6	5.0
Selenium	6.8	I	5.9	10
Vanadium	32		2.5	10
Zinc	5.9	U	5.9	20

200.8 ICPMS Metals by 200.8 CWA-Total Recoverable

Method: 200.8
Preparation: 4.1.4
Dilution: 1.0
Date Analyzed: 03/03/2006 0429
Date Prepared: 02/27/2006 1327

Analysis Batch: 680-37847
Prep Batch: 680-37401

Instrument ID: ICP MS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.25	U	0.25	1.0

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: MWB12S

Lab Sample ID:	660-7387-6	Date Sampled:	02/22/2006 1048
Client Matrix:	Water	Date Received:	02/23/2006 0941

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch: 660-21504		Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch: 660-21446		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/02/2006 1145			Final Weight/Volume:	50 mL
Date Prepared:	03/02/2006 0805				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.072	U	0.072	0.20

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: MWB22S

Lab Sample ID: 660-7387-7
Client Matrix: Water

Date Sampled: 02/22/2006 1107
Date Received: 02/23/2006 0941

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 1025
Date Prepared: 03/02/2006 0953

Analysis Batch: 660-21640
Prep Batch: 660-21464

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50.0 mL
Final Weight/Volume: 50.0 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	6.2		0.31	0.50

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 1025
Date Prepared: 03/02/2006 0953

Analysis Batch: 660-21640
Prep Batch: 660-21464

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50.0 mL
Final Weight/Volume: 50.0 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Silver	1.9	U	1.9	10
Arsenic	4.8	U	4.8	10
Barium	5.8	I	1.2	10
Beryllium	0.74	U	0.74	4.0
Cadmium	0.71	U	0.71	5.0
Cobalt	2.0	I	1.6	10
Chromium	2.1	I	1.7	10
Copper	2.9	U	2.9	20
Iron	140		22	50
Nickel	4.7	U	4.7	40
Antimony	3.6	U	3.6	6.0
Lead	1.6	U	1.6	5.0
Selenium	5.9	U	5.9	10
Vanadium	2.5	U	2.5	10
Zinc	5.9	U	5.9	20

200.8 ICPMS Metals by 200.8 CWA-Total Recoverable

Method: 200.8
Preparation: 4.1.4
Dilution: 1.0
Date Analyzed: 03/03/2006 0436
Date Prepared: 02/27/2006 1327

Analysis Batch: 680-37847
Prep Batch: 680-37401

Instrument ID: ICP MS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.25	U	0.25	1.0

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: MWB22S

Lab Sample ID: 660-7387-7
Client Matrix: Water

Date Sampled: 02/22/2006 1107
Date Received: 02/23/2006 0941

245.1 Mercury in Water by CVAA

Method: 245.1
Preparation: 245.1
Dilution: 1.0
Date Analyzed: 03/02/2006 1146
Date Prepared: 03/02/2006 0805

Analysis Batch: 660-21504
Prep Batch: 660-21446

Instrument ID: HydraAA Mercury
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.072	U	0.072	0.20

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: MWB27I

Lab Sample ID: 660-7387-8
Client Matrix: Water

Date Sampled: 02/22/2006 1146
Date Received: 02/23/2006 0941

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 1031
Date Prepared: 03/02/2006 0953

Analysis Batch: 660-21640
Prep Batch: 660-21464

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50.0 mL
Final Weight/Volume: 50.0 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	3.3		0.31	0.50

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 1031
Date Prepared: 03/02/2006 0953

Analysis Batch: 660-21640
Prep Batch: 660-21464

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50.0 mL
Final Weight/Volume: 50.0 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Silver	1.9	U	1.9	10
Arsenic	4.8	U	4.8	10
Barium	55		1.2	10
Beryllium	0.74	U	0.74	4.0
Cadmium	0.71	U	0.71	5.0
Cobalt	1.6	U	1.6	10
Chromium	1.7	U	1.7	10
Copper	2.9	U	2.9	20
Iron	500		22	50
Nickel	4.7	U	4.7	40
Antimony	3.6	U	3.6	6.0
Lead	1.6	U	1.6	5.0
Selenium	5.9	U	5.9	10
Vanadium	2.5	U	2.5	10
Zinc	5.9	U	5.9	20

200.8 ICPMS Metals by 200.8 CWA-Total Recoverable

Method: 200.8
Preparation: 4.1.4
Dilution: 1.0
Date Analyzed: 03/03/2006 0444
Date Prepared: 02/27/2006 1327

Analysis Batch: 680-37847
Prep Batch: 680-37401

Instrument ID: ICP MS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.25	U	0.25	1.0

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: MWB27I

Lab Sample ID:	660-7387-8	Date Sampled:	02/22/2006 1146
Client Matrix:	Water	Date Received:	02/23/2006 0941

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch: 660-21504		Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch: 660-21446		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/02/2006 1148			Final Weight/Volume:	50 mL
Date Prepared:	03/02/2006 0805				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.072	U	0.072	0.20

Client Sample ID: Dup01

Lab Sample ID: 660-7387-9
Client Matrix: Water

Date Sampled: 02/22/2006 1146
Date Received: 02/23/2006 0941

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 1037
Date Prepared: 03/02/2006 0953

Analysis Batch: 660-21640
Prep Batch: 660-21464

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50.0 mL
Final Weight/Volume: 50.0 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	3.4		0.31	0.50

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 1037
Date Prepared: 03/02/2006 0953

Analysis Batch: 660-21640
Prep Batch: 660-21464

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50.0 mL
Final Weight/Volume: 50.0 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Silver	1.9	U	1.9	10
Arsenic	4.8	U	4.8	10
Barium	56		1.2	10
Beryllium	0.74	U	0.74	4.0
Cadmium	0.71	U	0.71	5.0
Cobalt	1.6	U	1.6	10
Chromium	1.7	U	1.7	10
Copper	2.9	U	2.9	20
Iron	520		22	50
Nickel	4.7	U	4.7	40
Antimony	3.6	U	3.6	6.0
Lead	1.6	U	1.6	5.0
Selenium	5.9	U	5.9	10
Vanadium	2.5	U	2.5	10
Zinc	5.9	U	5.9	20

200.8 ICPMS Metals by 200.8 CWA-Total Recoverable

Method: 200.8
Preparation: 4.1.4
Dilution: 1.0
Date Analyzed: 03/03/2006 0451
Date Prepared: 02/27/2006 1327

Analysis Batch: 680-37847
Prep Batch: 680-37401

Instrument ID: ICP MS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.25	U	0.25	1.0

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: Dup01

Lab Sample ID:	660-7387-9	Date Sampled:	02/22/2006 1146
Client Matrix:	Water	Date Received:	02/23/2006 0941

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch: 660-21504		Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch: 660-21446		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/02/2006 1153			Final Weight/Volume:	50 mL
Date Prepared:	03/02/2006 0805				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.072	U	0.072	0.20

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: MWB27D

Lab Sample ID: 660-7387-10
Client Matrix: Water

Date Sampled: 02/22/2006 1213
Date Received: 02/23/2006 0941

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 1042
Date Prepared: 03/02/2006 0953

Analysis Batch: 660-21640
Prep Batch: 660-21464

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50.0 mL
Final Weight/Volume: 50.0 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	3.6		0.31	0.50

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 1042
Date Prepared: 03/02/2006 0953

Analysis Batch: 660-21640
Prep Batch: 660-21464

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50.0 mL
Final Weight/Volume: 50.0 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Silver	1.9	U	1.9	10
Arsenic	4.8	U	4.8	10
Barium	55		1.2	10
Beryllium	0.74	U	0.74	4.0
Cadmium	0.71	U	0.71	5.0
Cobalt	1.6	U	1.6	10
Chromium	1.7	U	1.7	10
Copper	2.9	U	2.9	20
Iron	870		22	50
Nickel	4.7	U	4.7	40
Antimony	3.6	U	3.6	6.0
Lead	1.6	U	1.6	5.0
Selenium	5.9	U	5.9	10
Vanadium	2.5	U	2.5	10
Zinc	5.9	U	5.9	20

200.8 ICPMS Metals by 200.8 CWA-Total Recoverable

Method: 200.8
Preparation: 4.1.4
Dilution: 1.0
Date Analyzed: 03/03/2006 0458
Date Prepared: 02/27/2006 1327

Analysis Batch: 680-37847
Prep Batch: 680-37401

Instrument ID: ICP MS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.25	U	0.25	1.0

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: ***MWB27D***

Lab Sample ID:	660-7387-10	Date Sampled:	02/22/2006 1213
Client Matrix:	Water	Date Received:	02/23/2006 0941

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch: 660-21504		Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch: 660-21446		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/02/2006 1155			Final Weight/Volume:	50 mL
Date Prepared:	03/02/2006 0805				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.072	U	0.072	0.20

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: MWB27S

Lab Sample ID: 660-7387-11
Client Matrix: Water

Date Sampled: 02/22/2006 1232
Date Received: 02/23/2006 0941

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 1048
Date Prepared: 03/02/2006 0953

Analysis Batch: 660-21640
Prep Batch: 660-21464

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50.0 mL
Final Weight/Volume: 50.0 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	2.4		0.31	0.50

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 1048
Date Prepared: 03/02/2006 0953

Analysis Batch: 660-21640
Prep Batch: 660-21464

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50.0 mL
Final Weight/Volume: 50.0 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Silver	1.9	U	1.9	10
Arsenic	4.8	U	4.8	10
Barium	9.5	I	1.2	10
Beryllium	0.74	U	0.74	4.0
Cadmium	0.71	U	0.71	5.0
Cobalt	1.6	U	1.6	10
Chromium	1.7	U	1.7	10
Copper	2.9	U	2.9	20
Iron	53		22	50
Nickel	4.7	U	4.7	40
Antimony	3.6	U	3.6	6.0
Lead	1.6	U	1.6	5.0
Selenium	5.9	U	5.9	10
Vanadium	5.8	I	2.5	10
Zinc	5.9	U	5.9	20

200.8 ICPMS Metals by 200.8 CWA-Total Recoverable

Method: 200.8
Preparation: 4.1.4
Dilution: 1.0
Date Analyzed: 03/03/2006 0505
Date Prepared: 02/27/2006 1327

Analysis Batch: 680-37847
Prep Batch: 680-37401

Instrument ID: ICP MS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.25	U	0.25	1.0

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: MWB27S

Lab Sample ID:	660-7387-11	Date Sampled:	02/22/2006 1232
Client Matrix:	Water	Date Received:	02/23/2006 0941

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch: 660-21504		Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch: 660-21446		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/02/2006 1157			Final Weight/Volume:	50 mL
Date Prepared:	03/02/2006 0805				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.072	U	0.072	0.20

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: MWB29I

Lab Sample ID: 660-7387-12
Client Matrix: Water

Date Sampled: 02/22/2006 1320
Date Received: 02/23/2006 0941

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 1053
Date Prepared: 03/02/2006 0953

Analysis Batch: 660-21640
Prep Batch: 660-21464

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50.0 mL
Final Weight/Volume: 50.0 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	3.3		0.31	0.50

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 1053
Date Prepared: 03/02/2006 0953

Analysis Batch: 660-21640
Prep Batch: 660-21464

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50.0 mL
Final Weight/Volume: 50.0 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Silver	1.9	U	1.9	10
Arsenic	4.8	U	4.8	10
Barium	50		1.2	10
Beryllium	0.74	U	0.74	4.0
Cadmium	0.71	U	0.71	5.0
Cobalt	1.6	U	1.6	10
Chromium	1.8	I	1.7	10
Copper	2.9	U	2.9	20
Iron	500		22	50
Nickel	4.7	U	4.7	40
Antimony	3.6	U	3.6	6.0
Lead	1.6	U	1.6	5.0
Selenium	5.9	U	5.9	10
Vanadium	2.5	U	2.5	10
Zinc	5.9	U	5.9	20

200.8 ICPMS Metals by 200.8 CWA-Total Recoverable

Method: 200.8
Preparation: 4.1.4
Dilution: 1.0
Date Analyzed: 03/03/2006 0541
Date Prepared: 02/27/2006 1327

Analysis Batch: 680-37847
Prep Batch: 680-37401

Instrument ID: ICP MS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.25	U	0.25	1.0

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: MWB29I

Lab Sample ID:	660-7387-12	Date Sampled:	02/22/2006 1320
Client Matrix:	Water	Date Received:	02/23/2006 0941

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch: 660-21504		Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch: 660-21446		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/02/2006 1159			Final Weight/Volume:	50 mL
Date Prepared:	03/02/2006 0805				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.072	U	0.072	0.20

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: MWB29D

Lab Sample ID: 660-7387-13
Client Matrix: Water

Date Sampled: 02/22/2006 1336
Date Received: 02/23/2006 0941

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 1113
Date Prepared: 03/02/2006 0953

Analysis Batch: 660-21640
Prep Batch: 660-21464

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50.0 mL
Final Weight/Volume: 50.0 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	3.6		0.31	0.50

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 1113
Date Prepared: 03/02/2006 0953

Analysis Batch: 660-21640
Prep Batch: 660-21464

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50.0 mL
Final Weight/Volume: 50.0 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Silver	1.9	U	1.9	10
Arsenic	4.8	U	4.8	10
Barium	54		1.2	10
Beryllium	0.74	U	0.74	4.0
Cadmium	0.71	U	0.71	5.0
Cobalt	1.6	U	1.6	10
Chromium	1.7	U	1.7	10
Copper	2.9	U	2.9	20
Iron	830		22	50
Nickel	4.7	U	4.7	40
Antimony	3.6	U	3.6	6.0
Lead	1.6	U	1.6	5.0
Selenium	5.9	U	5.9	10
Vanadium	2.5	U	2.5	10
Zinc	5.9	U	5.9	20

200.8 ICPMS Metals by 200.8 CWA-Total Recoverable

Method: 200.8
Preparation: 4.1.4
Dilution: 1.0
Date Analyzed: 03/03/2006 0549
Date Prepared: 02/27/2006 1327

Analysis Batch: 680-37847
Prep Batch: 680-37401

Instrument ID: ICP MS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.25	U	0.25	1.0

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: MWB29D

Lab Sample ID:	660-7387-13	Date Sampled:	02/22/2006 1336
Client Matrix:	Water	Date Received:	02/23/2006 0941

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch: 660-21504		Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch: 660-21446		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/02/2006 1201			Final Weight/Volume:	50 mL
Date Prepared:	03/02/2006 0805				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.072	U	0.072	0.20

Client Sample ID: MWB29S

Lab Sample ID: 660-7387-14
Client Matrix: Water

Date Sampled: 02/22/2006 1355
Date Received: 02/23/2006 0941

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 1119
Date Prepared: 03/02/2006 0953

Analysis Batch: 660-21640
Prep Batch: 660-21464

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50.0 mL
Final Weight/Volume: 50.0 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	3.8		0.31	0.50

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 1119
Date Prepared: 03/02/2006 0953

Analysis Batch: 660-21640
Prep Batch: 660-21464

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50.0 mL
Final Weight/Volume: 50.0 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Silver	1.9	U	1.9	10
Arsenic	4.8	U	4.8	10
Barium	10		1.2	10
Beryllium	0.74	U	0.74	4.0
Cadmium	0.71	U	0.71	5.0
Cobalt	2.3	I	1.6	10
Chromium	1.7	U	1.7	10
Copper	2.9	U	2.9	20
Iron	350		22	50
Nickel	4.7	U	4.7	40
Antimony	3.6	U	3.6	6.0
Lead	1.6	U	1.6	5.0
Selenium	5.9	U	5.9	10
Vanadium	2.5	U	2.5	10
Zinc	5.9	U	5.9	20

200.8 ICPMS Metals by 200.8 CWA-Total Recoverable

Method: 200.8
Preparation: 4.1.4
Dilution: 1.0
Date Analyzed: 03/03/2006 0556
Date Prepared: 02/27/2006 1327

Analysis Batch: 680-37847
Prep Batch: 680-37401

Instrument ID: ICP MS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.25	U	0.25	1.0

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: MWB29S

Lab Sample ID:	660-7387-14	Date Sampled:	02/22/2006 1355
Client Matrix:	Water	Date Received:	02/23/2006 0941

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch: 660-21504		Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch: 660-21446		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/02/2006 1203			Final Weight/Volume:	50 mL
Date Prepared:	03/02/2006 0805				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.072	U	0.072	0.20

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: MWB2I

Lab Sample ID: 660-7387-15
Client Matrix: Water

Date Sampled: 02/22/2006 1431
Date Received: 02/23/2006 0941

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 1125
Date Prepared: 03/02/2006 0953

Analysis Batch: 660-21640
Prep Batch: 660-21464

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50.0 mL
Final Weight/Volume: 50.0 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	4.0		0.31	0.50

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 1125
Date Prepared: 03/02/2006 0953

Analysis Batch: 660-21640
Prep Batch: 660-21464

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50.0 mL
Final Weight/Volume: 50.0 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Silver	1.9	U	1.9	10
Arsenic	4.8	U	4.8	10
Barium	21		1.2	10
Beryllium	0.74	U	0.74	4.0
Cadmium	0.71	U	0.71	5.0
Cobalt	1.6	U	1.6	10
Chromium	1.7	U	1.7	10
Copper	2.9	U	2.9	20
Iron	360		22	50
Nickel	4.7	U	4.7	40
Antimony	3.6	U	3.6	6.0
Lead	1.6	U	1.6	5.0
Selenium	5.9	U	5.9	10
Vanadium	2.5	U	2.5	10
Zinc	5.9	U	5.9	20

200.8 ICPMS Metals by 200.8 CWA-Total Recoverable

Method: 200.8
Preparation: 4.1.4
Dilution: 1.0
Date Analyzed: 03/03/2006 0603
Date Prepared: 02/27/2006 1327

Analysis Batch: 680-37847
Prep Batch: 680-37401

Instrument ID: ICP MS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.25	U	0.25	1.0

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: MWB2I

Lab Sample ID:	660-7387-15	Date Sampled:	02/22/2006 1431
Client Matrix:	Water	Date Received:	02/23/2006 0941

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch: 660-21504		Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch: 660-21446		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/02/2006 1205			Final Weight/Volume:	50 mL
Date Prepared:	03/02/2006 0805				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.072	U	0.072	0.20

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: MWB2S

Lab Sample ID: 660-7387-16
Client Matrix: Water

Date Sampled: 02/22/2006 1517
Date Received: 02/23/2006 0941

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 1130
Date Prepared: 03/02/2006 0953

Analysis Batch: 660-21640
Prep Batch: 660-21464

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50.0 mL
Final Weight/Volume: 50.0 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Sodium	2.9		0.31	0.50

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 1130
Date Prepared: 03/02/2006 0953

Analysis Batch: 660-21640
Prep Batch: 660-21464

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50.0 mL
Final Weight/Volume: 50.0 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Silver	1.9	U	1.9	10
Arsenic	4.8	U	4.8	10
Barium	15		1.2	10
Beryllium	0.74	U	0.74	4.0
Cadmium	0.71	U	0.71	5.0
Cobalt	1.6	U	1.6	10
Chromium	1.7	U	1.7	10
Copper	2.9	U	2.9	20
Iron	430		22	50
Nickel	4.7	U	4.7	40
Antimony	3.6	U	3.6	6.0
Lead	1.6	U	1.6	5.0
Selenium	5.9	U	5.9	10
Vanadium	2.5	U	2.5	10
Zinc	5.9	U	5.9	20

200.8 ICPMS Metals by 200.8 CWA-Total Recoverable

Method: 200.8
Preparation: 4.1.4
Dilution: 1.0
Date Analyzed: 03/03/2006 0610
Date Prepared: 02/27/2006 1327

Analysis Batch: 680-37847
Prep Batch: 680-37401

Instrument ID: ICP MS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.25	U	0.25	1.0

Client: HDR Engineering

Job Number: 660-7387-1

Client Sample ID: MWB2S

Lab Sample ID:	660-7387-16	Date Sampled:	02/22/2006 1517
Client Matrix:	Water	Date Received:	02/23/2006 0941

245.1 Mercury In Water by CVAA

Method:	245.1	Analysis Batch: 660-21504		Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch: 660-21446		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/02/2006 1207			Final Weight/Volume:	50 mL
Date Prepared:	03/02/2006 0805				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.072	U	0.072	0.20

Field Service / Mobile Lab

Client Sample ID: MWB19D

Lab Sample ID: 660-7387-1
Client Matrix: Water % Moisture:

Date Sampled: 02/22/2006 0836
Date Received: 02/23/2006 0941

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Field pH	7.26		SU	1.0	Field	660-2133	02/22/2006 0836
Field Temperature	21.6		Degrees C	1.0	Field	660-2133	02/22/2006 0836
Oxygen, Dissolved	0.8		mg/L	1.0	Field	660-2133	02/22/2006 0836
Specific Conductance	321		umhos/cm	1.0	Field	660-2133	02/22/2006 0836
Turbidity	12.7		NTU	1.0	Field	660-2133	02/22/2006 0836
Water Level	121.21		ft	1.0	Field	660-2133	02/22/2006 0836
Well Depth	115.50		ft	1.0	Field	660-2133	02/22/2006 0836

Client Sample ID: MWB19I

Lab Sample ID: 660-7387-2
Client Matrix: Water % Moisture:

Date Sampled: 02/22/2006 0915
Date Received: 02/23/2006 0941

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Field pH	5.15		SU	1.0	Field	660-2133	02/22/2006 0915
Field Temperature	22.1		Degrees C	1.0	Field	660-2133	02/22/2006 0915
Oxygen, Dissolved	1.1		mg/L	1.0	Field	660-2133	02/22/2006 0915
Specific Conductance	40		umhos/cm	1.0	Field	660-2133	02/22/2006 0915
Turbidity	27.3		NTU	1.0	Field	660-2133	02/22/2006 0915
Water Level	120.65		ft	1.0	Field	660-2133	02/22/2006 0915
Well Depth	59.00		ft	1.0	Field	660-2133	02/22/2006 0915

Field Service / Mobile Lab

Client Sample ID: MWB19S

Lab Sample ID: 660-7387-3
Client Matrix: Water % Moisture:

Date Sampled: 02/22/2006 0934
Date Received: 02/23/2006 0941

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Field pH	5.29		SU	1.0	Field	660-2133	02/22/2006 0934
Field Temperature	20.9		Degrees C	1.0	Field	660-2133	02/22/2006 0934
Oxygen, Dissolved	1.3		mg/L	1.0	Field	660-2133	02/22/2006 0934
Specific Conductance	106		umhos/cm	1.0	Field	660-2133	02/22/2006 0934
Turbidity	10.1		NTU	1.0	Field	660-2133	02/22/2006 0934
Water Level	120.82		ft	1.0	Field	660-2133	02/22/2006 0934
Well Depth	20.00		ft	1.0	Field	660-2133	02/22/2006 0934

Client Sample ID: MWB12I

Lab Sample ID: 660-7387-4
Client Matrix: Water % Moisture:

Date Sampled: 02/22/2006 1015
Date Received: 02/23/2006 0941

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Field pH	5.33		SU	1.0	Field	660-2133	02/22/2006 1015
Field Temperature	22.8		Degrees C	1.0	Field	660-2133	02/22/2006 1015
Oxygen, Dissolved	0.9		mg/L	1.0	Field	660-2133	02/22/2006 1015
Specific Conductance	41		umhos/cm	1.0	Field	660-2133	02/22/2006 1015
Turbidity	4.4		NTU	1.0	Field	660-2133	02/22/2006 1015
Water Level	116.82		ft	1.0	Field	660-2133	02/22/2006 1015
Well Depth	71.50		ft	1.0	Field	660-2133	02/22/2006 1015

Field Service / Mobile Lab

Client Sample ID: MWB12D

Lab Sample ID: 660-7387-5
Client Matrix: Water % Moisture:

Date Sampled: 02/22/2006 1032
Date Received: 02/23/2006 0941

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Field pH	7.18		SU	1.0	Field	660-2133	02/22/2006 1032
Field Temperature	22.0		Degrees C	1.0	Field	660-2133	02/22/2006 1032
Oxygen, Dissolved	0.8		mg/L	1.0	Field	660-2133	02/22/2006 1032
Specific Conductance	394		umhos/cm	1.0	Field	660-2133	02/22/2006 1032
Turbidity	0.8		NTU	1.0	Field	660-2133	02/22/2006 1032
Water Level	119.26		ft	1.0	Field	660-2133	02/22/2006 1032
Well Depth	112.00		ft	1.0	Field	660-2133	02/22/2006 1032

Client Sample ID: MWB12S

Lab Sample ID: 660-7387-6
Client Matrix: Water % Moisture:

Date Sampled: 02/22/2006 1048
Date Received: 02/23/2006 0941

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Field pH	5.59		SU	1.0	Field	660-2133	02/22/2006 1048
Field Temperature	20.3		Degrees C	1.0	Field	660-2133	02/22/2006 1048
Oxygen, Dissolved	2.6		mg/L	1.0	Field	660-2133	02/22/2006 1048
Specific Conductance	125		umhos/cm	1.0	Field	660-2133	02/22/2006 1048
Turbidity	19.6		NTU	1.0	Field	660-2133	02/22/2006 1048
Water Level	114.21		ft	1.0	Field	660-2133	02/22/2006 1048
Well Depth	24.50		ft	1.0	Field	660-2133	02/22/2006 1048

Field Service / Mobile Lab

Client Sample ID: MWB22S

Lab Sample ID: 660-7387-7
Client Matrix: Water
% Moisture:

Date Sampled: 02/22/2006 1107
Date Received: 02/23/2006 0941

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Field pH	5.86		SU	1.0	Field	660-2133	02/22/2006 1107
Field Temperature	19.2		Degrees C	1.0	Field	660-2133	02/22/2006 1107
Oxygen, Dissolved	1.9		mg/L	1.0	Field	660-2133	02/22/2006 1107
Specific Conductance	227		umhos/cm	1.0	Field	660-2133	02/22/2006 1107
Turbidity	4.9		NTU	1.0	Field	660-2133	02/22/2006 1107
Water Level	114.88		ft	1.0	Field	660-2133	02/22/2006 1107
Well Depth	26.00		ft	1.0	Field	660-2133	02/22/2006 1107

Client Sample ID: MWB27I

Lab Sample ID: 660-7387-8
Client Matrix: Water
% Moisture:

Date Sampled: 02/22/2006 1146
Date Received: 02/23/2006 0941

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Field pH	5.58		SU	1.0	Field	660-2133	02/22/2006 1146
Field Temperature	20.6		Degrees C	1.0	Field	660-2133	02/22/2006 1146
Oxygen, Dissolved	1.1		mg/L	1.0	Field	660-2133	02/22/2006 1146
Specific Conductance	58		umhos/cm	1.0	Field	660-2133	02/22/2006 1146
Turbidity	10.2		NTU	1.0	Field	660-2133	02/22/2006 1146
Water Level	121.90		ft	1.0	Field	660-2133	02/22/2006 1146
Well Depth	62.50		ft	1.0	Field	660-2133	02/22/2006 1146

Field Service / Mobile Lab

Client Sample ID: MWB27D

Lab Sample ID: 660-7387-10
Client Matrix: Water
% Moisture:

Date Sampled: 02/22/2006 1213
Date Received: 02/23/2006 0941

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Field pH	5.83		SU	1.0	Field	660-2133	02/22/2006 1213
Field Temperature	19.7		Degrees C	1.0	Field	660-2133	02/22/2006 1213
Oxygen, Dissolved	1.1		mg/L	1.0	Field	660-2133	02/22/2006 1213
Specific Conductance	89		umhos/cm	1.0	Field	660-2133	02/22/2006 1213
Turbidity	0.8		NTU	1.0	Field	660-2133	02/22/2006 1213
Water Level	121.78		ft	1.0	Field	660-2133	02/22/2006 1213
Well Depth	110.00		ft	1.0	Field	660-2133	02/22/2006 1213

Client Sample ID: MWB27S

Lab Sample ID: 660-7387-11
Client Matrix: Water
% Moisture:

Date Sampled: 02/22/2006 1232
Date Received: 02/23/2006 0941

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Field pH	4.73		SU	1.0	Field	660-2133	02/22/2006 1232
Field Temperature	18.3		Degrees C	1.0	Field	660-2133	02/22/2006 1232
Oxygen, Dissolved	1.3		mg/L	1.0	Field	660-2133	02/22/2006 1232
Specific Conductance	51		umhos/cm	1.0	Field	660-2133	02/22/2006 1232
Turbidity	9.2		NTU	1.0	Field	660-2133	02/22/2006 1232
Water Level	121.68		ft	1.0	Field	660-2133	02/22/2006 1232
Well Depth	15.50		ft	1.0	Field	660-2133	02/22/2006 1232

Field Service / Mobile Lab

Client Sample ID: MWB29I

Lab Sample ID: 660-7387-12
Client Matrix: Water % Moisture:

Date Sampled: 02/22/2006 1320
Date Received: 02/23/2006 0941

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Field pH	5.12		SU	1.0	Field	660-2133	02/22/2006 1320
Field Temperature	21.2		Degrees C	1.0	Field	660-2133	02/22/2006 1320
Oxygen, Dissolved	1.0		mg/L	1.0	Field	660-2133	02/22/2006 1320
Specific Conductance	41		umhos/cm	1.0	Field	660-2133	02/22/2006 1320
Turbidity	13.3		NTU	1.0	Field	660-2133	02/22/2006 1320
Water Level	131.62		ft	1.0	Field	660-2133	02/22/2006 1320
Well Depth	63.50		ft	1.0	Field	660-2133	02/22/2006 1320

Client Sample ID: MWB29D

Lab Sample ID: 660-7387-13
Client Matrix: Water % Moisture:

Date Sampled: 02/22/2006 1336
Date Received: 02/23/2006 0941

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Field pH	5.68		SU	1.0	Field	660-2133	02/22/2006 1336
Field Temperature	20.0		Degrees C	1.0	Field	660-2133	02/22/2006 1336
Oxygen, Dissolved	0.9		mg/L	1.0	Field	660-2133	02/22/2006 1336
Specific Conductance	66		umhos/cm	1.0	Field	660-2133	02/22/2006 1336
Turbidity	1.3		NTU	1.0	Field	660-2133	02/22/2006 1336
Water Level	131.60		ft	1.0	Field	660-2133	02/22/2006 1336
Well Depth	110.50		ft	1.0	Field	660-2133	02/22/2006 1336

Field Service / Mobile Lab

Client Sample ID: MWB29S

Lab Sample ID: 660-7387-14
Client Matrix: Water % Moisture:

Date Sampled: 02/22/2006 1355
Date Received: 02/23/2006 0941

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Field pH	4.62		SU	1.0	Field	660-2133	02/22/2006 1355
Field Temperature	16.6		Degrees C	1.0	Field	660-2133	02/22/2006 1355
Oxygen, Dissolved	1.5		mg/L	1.0	Field	660-2133	02/22/2006 1355
Specific Conductance	44		umhos/cm	1.0	Field	660-2133	02/22/2006 1355
Turbidity	1.5		NTU	1.0	Field	660-2133	02/22/2006 1355
Water Level	129.86		ft	1.0	Field	660-2133	02/22/2006 1355
Well Depth	20.00		ft	1.0	Field	660-2133	02/22/2006 1355

Client Sample ID: MWB2I

Lab Sample ID: 660-7387-15
Client Matrix: Water % Moisture:

Date Sampled: 02/22/2006 1431
Date Received: 02/23/2006 0941

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Field pH	4.83		SU	1.0	Field	660-2133	02/22/2006 1431
Field Temperature	21.3		Degrees C	1.0	Field	660-2133	02/22/2006 1431
Oxygen, Dissolved	1.1		mg/L	1.0	Field	660-2133	02/22/2006 1431
Specific Conductance	38		umhos/cm	1.0	Field	660-2133	02/22/2006 1431
Turbidity	1.0		NTU	1.0	Field	660-2133	02/22/2006 1431
Water Level	135.75		ft	1.0	Field	660-2133	02/22/2006 1431
Well Depth	61.50		ft	1.0	Field	660-2133	02/22/2006 1431

Field Service / Mobile Lab

Client Sample ID: MWB2S

Lab Sample ID: 660-7387-16
Client Matrix: Water
% Moisture:

Date Sampled: 02/22/2006 1517
Date Received: 02/23/2006 0941

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Field pH	4.48		SU	1.0	Field	660-2133	02/22/2006 1517
Field Temperature	18.3		Degrees C	1.0	Field	660-2133	02/22/2006 1517
Oxygen, Dissolved	2.3		mg/L	1.0	Field	660-2133	02/22/2006 1517
Specific Conductance	55		umhos/cm	1.0	Field	660-2133	02/22/2006 1517
Turbidity	10.0		NTU	1.0	Field	660-2133	02/22/2006 1517
Water Level	138.03		ft	1.0	Field	660-2133	02/22/2006 1517
Well Depth	20.00		ft	1.0	Field	660-2133	02/22/2006 1517

General Chemistry

Client Sample ID: MWB19D

Lab Sample ID: 660-7387-1
Client Matrix: Water

Date Sampled: 02/22/2006 0836
Date Received: 02/23/2006 0941

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Chloride	5.7		mg/L	0.90	1.0	1.0	325.2
	Anly Batch: 660-21271	Date Analyzed	02/27/2006 1409				
Ammonia	0.11		mg/L	0.040	0.050	1.0	350.1
	Anly Batch: 660-21276	Date Analyzed	02/27/2006 1043				
Nitrate Nitrogen	0.011	I	mg/L	0.010	0.050	1.0	353.2
	Anly Batch: 660-21103	Date Analyzed	02/24/2006 0745				

Analyte	Result	Qual	Units	RL	PQL	Dil	Method
Total Dissolved Solids	170		mg/L	5.0	5.0	1.0	160.1
	Anly Batch: 660-21227	Date Analyzed	02/24/2006 1555				

Client Sample ID: MWB19I

Lab Sample ID: 660-7387-2
Client Matrix: Water

Date Sampled: 02/22/2006 0915
Date Received: 02/23/2006 0941

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Chloride	8.6		mg/L	0.90	1.0	1.0	325.2
	Anly Batch: 660-21271	Date Analyzed	02/27/2006 1409				
Ammonia	0.040	U	mg/L	0.040	0.050	1.0	350.1
	Anly Batch: 660-21276	Date Analyzed	02/27/2006 1043				
Nitrate Nitrogen	0.010	U	mg/L	0.010	0.050	1.0	353.2
	Anly Batch: 660-21103	Date Analyzed	02/24/2006 0745				

Analyte	Result	Qual	Units	RL	PQL	Dil	Method
Total Dissolved Solids	26		mg/L	5.0	5.0	1.0	160.1
	Anly Batch: 660-21227	Date Analyzed	02/24/2006 1555				

General Chemistry

Client Sample ID: MWB19S

Lab Sample ID: 660-7387-3
Client Matrix: Water

Date Sampled: 02/22/2006 0934
Date Received: 02/23/2006 0941

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Chloride	9.3		mg/L	0.90	1.0	1.0	325.2
	Anly Batch: 660-21271	Date Analyzed	02/27/2006 1409				
Ammonia	0.37		mg/L	0.040	0.050	1.0	350.1
	Anly Batch: 660-21276	Date Analyzed	02/27/2006 1043				
Nitrate Nitrogen	0.010	U	mg/L	0.010	0.050	1.0	353.2
	Anly Batch: 660-21103	Date Analyzed	02/24/2006 0745				

Analyte	Result	Qual	Units	RL	PQL	Dil	Method
Total Dissolved Solids	52		mg/L	5.0	5.0	1.0	160.1
	Anly Batch: 660-21227	Date Analyzed	02/24/2006 1555				

Client Sample ID: MWB12I

Lab Sample ID: 660-7387-4
Client Matrix: Water

Date Sampled: 02/22/2006 1015
Date Received: 02/23/2006 0941

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Chloride	5.8		mg/L	0.90	1.0	1.0	325.2
	Anly Batch: 660-21271	Date Analyzed	02/27/2006 1409				
Ammonia	0.040	U	mg/L	0.040	0.050	1.0	350.1
	Anly Batch: 660-21276	Date Analyzed	02/27/2006 1043				
Nitrate Nitrogen	0.010	U	mg/L	0.010	0.050	1.0	353.2
	Anly Batch: 660-21103	Date Analyzed	02/24/2006 0745				

Analyte	Result	Qual	Units	RL	PQL	Dil	Method
Total Dissolved Solids	16		mg/L	5.0	5.0	1.0	160.1
	Anly Batch: 660-21227	Date Analyzed	02/24/2006 1555				

General Chemistry

Client Sample ID: MWB12D

Lab Sample ID: 660-7387-5
Client Matrix: Water

Date Sampled: 02/22/2006 1032
Date Received: 02/23/2006 0941

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Chloride	6.6		mg/L	0.90	1.0	1.0	325.2
Anly Batch: 660-21271	Date Analyzed 02/27/2006 1409						
Ammonia	0.19		mg/L	0.040	0.050	1.0	350.1
Anly Batch: 660-21276	Date Analyzed 02/27/2006 1043						
Nitrate Nitrogen	0.010	U	mg/L	0.010	0.050	1.0	353.2
Anly Batch: 660-21103	Date Analyzed 02/24/2006 0745						

Analyte	Result	Qual	Units	RL	PQL	Dil	Method
Total Dissolved Solids	180		mg/L	5.0	5.0	1.0	160.1
Anly Batch: 660-21227	Date Analyzed 02/24/2006 1555						

Client Sample ID: MWB12S

Lab Sample ID: 660-7387-6
Client Matrix: Water

Date Sampled: 02/22/2006 1048
Date Received: 02/23/2006 0941

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Chloride	10		mg/L	0.90	1.0	1.0	325.2
Anly Batch: 660-21271	Date Analyzed 02/27/2006 1409						
Ammonia	0.20		mg/L	0.040	0.050	1.0	350.1
Anly Batch: 660-21276	Date Analyzed 02/27/2006 1043						
Nitrate Nitrogen	0.029	I	mg/L	0.010	0.050	1.0	353.2
Anly Batch: 660-21103	Date Analyzed 02/24/2006 0745						

Analyte	Result	Qual	Units	RL	PQL	Dil	Method
Total Dissolved Solids	62		mg/L	5.0	5.0	1.0	160.1
Anly Batch: 660-21227	Date Analyzed 02/24/2006 1555						

General Chemistry

Client Sample ID: MWB22S

Lab Sample ID: 660-7387-7
Client Matrix: Water

Date Sampled: 02/22/2006 1107
Date Received: 02/23/2006 0941

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Chloride	9.2		mg/L	0.90	1.0	1.0	325.2
Anly Batch: 660-21271	Date Analyzed 02/27/2006 1409						
Ammonia	0.41		mg/L	0.040	0.050	1.0	350.1
Anly Batch: 660-21276	Date Analyzed 02/27/2006 1043						
Nitrate Nitrogen	0.010	U	mg/L	0.010	0.050	1.0	353.2
Anly Batch: 660-21103	Date Analyzed 02/24/2006 0745						

Analyte	Result	Qual	Units	RL	PQL	Dil	Method
Total Dissolved Solids	110		mg/L	5.0	5.0	1.0	160.1
Anly Batch: 660-21227	Date Analyzed 02/24/2006 1555						

Client Sample ID: MWB27I

Lab Sample ID: 660-7387-8
Client Matrix: Water

Date Sampled: 02/22/2006 1146
Date Received: 02/23/2006 0941

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Chloride	6.2		mg/L	0.90	1.0	1.0	325.2
Anly Batch: 660-21271	Date Analyzed 02/27/2006 1409						
Ammonia	0.053		mg/L	0.040	0.050	1.0	350.1
Anly Batch: 660-21276	Date Analyzed 02/27/2006 1043						
Nitrate Nitrogen	0.021	I	mg/L	0.010	0.050	1.0	353.2
Anly Batch: 660-21103	Date Analyzed 02/24/2006 0745						

Analyte	Result	Qual	Units	RL	PQL	Dil	Method
Total Dissolved Solids	22		mg/L	5.0	5.0	1.0	160.1
Anly Batch: 660-21227	Date Analyzed 02/24/2006 1555						

General Chemistry

Client Sample ID: **Dup01**

Lab Sample ID: 660-7387-9
Client Matrix: Water

Date Sampled: 02/22/2006 1146
Date Received: 02/23/2006 0941

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Chloride	6.1		mg/L	0.90	1.0	1.0	325.2
	Anly Batch: 660-21271	Date Analyzed	02/27/2006 1409				
Ammonia	0.055		mg/L	0.040	0.050	1.0	350.1
	Anly Batch: 660-21276	Date Analyzed	02/27/2006 1043				
Nitrate Nitrogen	0.021	I	mg/L	0.010	0.050	1.0	353.2
	Anly Batch: 660-21103	Date Analyzed	02/24/2006 0745				

Analyte	Result	Qual	Units	RL	PQL	Dil	Method
Total Dissolved Solids	18		mg/L	5.0	5.0	1.0	160.1
	Anly Batch: 660-21227	Date Analyzed	02/24/2006 1555				

Client Sample ID: **MWB27D**

Lab Sample ID: 660-7387-10
Client Matrix: Water

Date Sampled: 02/22/2006 1213
Date Received: 02/23/2006 0941

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Chloride	5.3		mg/L	0.90	1.0	1.0	325.2
	Anly Batch: 660-21358	Date Analyzed	02/28/2006 1240				
Ammonia	0.064		mg/L	0.040	0.050	1.0	350.1
	Anly Batch: 660-21276	Date Analyzed	02/27/2006 1043				
Nitrate Nitrogen	0.013	I	mg/L	0.010	0.050	1.0	353.2
	Anly Batch: 660-21103	Date Analyzed	02/24/2006 0745				

Analyte	Result	Qual	Units	RL	PQL	Dil	Method
Total Dissolved Solids	30		mg/L	5.0	5.0	1.0	160.1
	Anly Batch: 660-21227	Date Analyzed	02/24/2006 1555				

General Chemistry

Client Sample ID: MWB27S

Lab Sample ID: 660-7387-11
Client Matrix: Water

Date Sampled: 02/22/2006 1232
Date Received: 02/23/2006 0941

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Chloride	5.1		mg/L	0.90	1.0	1.0	325.2
	Anly Batch: 660-21358	Date Analyzed	02/28/2006 1240				
Ammonia	0.055		mg/L	0.040	0.050	1.0	350.1
	Anly Batch: 660-21276	Date Analyzed	02/27/2006 1043				
Nitrate Nitrogen	0.091		mg/L	0.010	0.050	1.0	353.2
	Anly Batch: 660-21103	Date Analyzed	02/24/2006 0745				

Analyte	Result	Qual	Units	RL	PQL	Dil	Method
Total Dissolved Solids	16		mg/L	5.0	5.0	1.0	160.1
	Anly Batch: 660-21227	Date Analyzed	02/24/2006 1555				

Client Sample ID: MWB29I

Lab Sample ID: 660-7387-12
Client Matrix: Water

Date Sampled: 02/22/2006 1320
Date Received: 02/23/2006 0941

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Chloride	5.5		mg/L	0.90	1.0	1.0	325.2
	Anly Batch: 660-21358	Date Analyzed	02/28/2006 1240				
Ammonia	0.040	U	mg/L	0.040	0.050	1.0	350.1
	Anly Batch: 660-21276	Date Analyzed	02/27/2006 1043				
Nitrate Nitrogen	0.010	U	mg/L	0.010	0.050	1.0	353.2
	Anly Batch: 660-21103	Date Analyzed	02/24/2006 0745				

Analyte	Result	Qual	Units	RL	PQL	Dil	Method
Total Dissolved Solids	28	Q	mg/L	5.0	5.0	1.0	160.1
	Anly Batch: 660-23035	Date Analyzed	03/31/2006 1625				

General Chemistry

Client Sample ID: MWB29D

Lab Sample ID: 660-7387-13
Client Matrix: Water

Date Sampled: 02/22/2006 1336
Date Received: 02/23/2006 0941

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Chloride	5.8		mg/L	0.90	1.0	1.0	325.2
Anly Batch: 660-21358	Date Analyzed 02/28/2006 1240						
Ammonia	0.080		mg/L	0.040	0.050	1.0	350.1
Anly Batch: 660-21276	Date Analyzed 02/27/2006 1043						
Nitrate Nitrogen	0.010	U	mg/L	0.010	0.050	1.0	353.2
Anly Batch: 660-21103	Date Analyzed 02/24/2006 0745						

Analyte	Result	Qual	Units	RL	PQL	Dil	Method
Total Dissolved Solids	24		mg/L	5.0	5.0	1.0	160.1
Anly Batch: 660-21227	Date Analyzed 02/24/2006 1555						

Client Sample ID: MWB29S

Lab Sample ID: 660-7387-14
Client Matrix: Water

Date Sampled: 02/22/2006 1355
Date Received: 02/23/2006 0941

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Chloride	6.9		mg/L	0.90	1.0	1.0	325.2
Anly Batch: 660-21358	Date Analyzed 02/28/2006 1240						
Ammonia	0.040	U	mg/L	0.040	0.050	1.0	350.1
Anly Batch: 660-21276	Date Analyzed 02/27/2006 1043						
Nitrate Nitrogen	0.010	U	mg/L	0.010	0.050	1.0	353.2
Anly Batch: 660-21103	Date Analyzed 02/24/2006 0745						

Analyte	Result	Qual	Units	RL	PQL	Dil	Method
Total Dissolved Solids	38	Q	mg/L	5.0	5.0	1.0	160.1
Anly Batch: 660-23035	Date Analyzed 03/31/2006 1625						

General Chemistry

Client Sample ID: MWB2I

Lab Sample ID: 660-7387-15
Client Matrix: Water

Date Sampled: 02/22/2006 1431
Date Received: 02/23/2006 0941

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Chloride	6.4		mg/L	0.90	1.0	1.0	325.2
Anly Batch: 660-21358	Date Analyzed 02/28/2006 1240						
Ammonia	0.040	U	mg/L	0.040	0.050	1.0	350.1
Anly Batch: 660-21276	Date Analyzed 02/27/2006 1043						
Nitrate Nitrogen	0.010	U	mg/L	0.010	0.050	1.0	353.2
Anly Batch: 660-21103	Date Analyzed 02/24/2006 0745						

Analyte	Result	Qual	Units	RL	PQL	Dil	Method
Total Dissolved Solids	42	Q	mg/L	5.0	5.0	1.0	160.1
Anly Batch: 660-23035	Date Analyzed 03/31/2006 1625						

Client Sample ID: MWB2S

Lab Sample ID: 660-7387-16
Client Matrix: Water

Date Sampled: 02/22/2006 1517
Date Received: 02/23/2006 0941

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Chloride	4.8		mg/L	0.90	1.0	1.0	325.2
Anly Batch: 660-21358	Date Analyzed 02/28/2006 1240						
Ammonia	0.040	U	mg/L	0.040	0.050	1.0	350.1
Anly Batch: 660-21368	Date Analyzed 02/28/2006 1640						
Nitrate Nitrogen	0.010	U	mg/L	0.010	0.050	1.0	353.2
Anly Batch: 660-21103	Date Analyzed 02/24/2006 0745						

Analyte	Result	Qual	Units	RL	PQL	Dil	Method
Total Dissolved Solids	5.0	U	mg/L	5.0	5.0	1.0	160.1
Anly Batch: 660-21227	Date Analyzed 02/24/2006 1555						

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DATA REPORTING QUALIFIERS

Client: HDR Engineering

Job Number: 660-7387-1

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Indicates that the compound was analyzed for but not detected.
	I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
GC Semi VOA		
	U	Indicates that the compound was analyzed for but not detected.
Metals		
	U	Indicates that the compound was analyzed for but not detected.
	I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
General Chemistry		
	U	Indicates that the compound was analyzed for but not detected.
	Q	Sample held beyond the accepted holding time.
	I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

Client: HDR Engineering

Job Number: 660-7387-1

Method Blank - Batch: 660-21747

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 660-21747/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/07/2006 1645
Date Prepared: 03/07/2006 1645

Analysis Batch: 660-21747
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0708.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.27	U	0.27	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	0.66	U	0.66	1.0
Methyl Ethyl Ketone	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Bromochloromethane	0.58	U	0.58	1.0
Chloroethane	0.80	U	0.80	1.0
Chloroform	0.90	U	0.90	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
Chloromethane	0.64	U	0.64	1.0
Dibromochloromethane	0.34	U	0.34	1.0
Methylene bromide	0.41	U	0.41	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
4-Methyl-2-pentanone	3.8	U	3.8	10
Methylene Chloride	4.0	U	4.0	5.0
Styrene	0.98	U	0.98	1.0
1,1,2,2-Tetrachloroethane	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
Tetrachloroethene	0.34	U	0.34	1.0
Toluene	0.51	U	0.51	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.28	U	0.28	1.0
Trichlorofluoromethane	0.98	U	0.98	1.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7387-1

Method Blank - Batch: 660-21747

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 660-21747/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/07/2006 1645
Date Prepared: 03/07/2006 1645

Analysis Batch: 660-21747
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0708.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	PQL
1,2,3-Trichloropropane	0.15	U	0.15	1.0
Vinyl acetate	1.5	U	1.5	10
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.30	U	0.30	1.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	92	74 - 126
Dibromofluoromethane	89	70 - 130
Toluene-d8	100	77 - 122

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-21747

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 660-21747/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/07/2006 1530
Date Prepared: 03/07/2006 1530

Analysis Batch: 660-21747
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0705.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 660-21747/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/07/2006 1555
Date Prepared: 03/07/2006 1555

Analysis Batch: 660-21747
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMJ GC/MS
Lab File ID: 1JC0706.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	108	109	62 - 135	1	37		
Chlorobenzene	110	108	72 - 127	2	22		
1,1-Dichloroethene	110	112	46 - 147	3	30		
Toluene	109	110	68 - 131	1	33		
Trichloroethene	101	103	56 - 143	3	35		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7387-1

Method Blank - Batch: 660-21760

Method: 504.1
Preparation: 504.1

Lab Sample ID: MB 660-21760/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/07/2006 1534
Date Prepared: 03/07/2006 1030

Analysis Batch: 660-21876
Prep Batch: 660-21760
Units: ug/L

Instrument ID: HP 5890 Series II ECD1/2
Lab File ID: 1C07S015.D
Initial Weight/Volume: 33.9424 g
Final Weight/Volume: 3 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0031	U	0.0031	0.021
Ethylene Dibromide	0.0090	U	0.0090	0.021

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-21760

Method: 504.1
Preparation: 504.1

LCS Lab Sample ID: LCS 660-21760/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/07/2006 1558
Date Prepared: 03/07/2006 1030

Analysis Batch: 660-21876
Prep Batch: 660-21760
Units: ug/L

Instrument ID: HP 5890 Series II ECD1/2
Lab File ID: 1C07S016.D
Initial Weight/Volume: 32.9557 g
Final Weight/Volume: 3 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 660-21760/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/07/2006 1621
Date Prepared: 03/07/2006 1030

Analysis Batch: 660-21876
Prep Batch: 660-21760
Units: ug/L

Instrument ID: HP 5890 Series II ECD1/2
Lab File ID: 1C07S017.D
Initial Weight/Volume: 34.1756 g
Final Weight/Volume: 3 mL
Injection Volume:
Column ID: PRIMARY

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,2-Dibromo-3-Chloropropane	108	103	70 - 130	8	30		
Ethylene Dibromide	126	117	70 - 130	11	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7387-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-21760

Method: 504.1
Preparation: 504.1

MS Lab Sample ID:	660-7387-1	Analysis Batch: 660-21876	Instrument ID: HP 5890 Series II ECD1/2
Client Matrix:	Water	Prep Batch: 660-21760	Lab File ID: 1C07S019.D
Dilution:	1.0		Initial Weight/Volume: 33.9552 g
Date Analyzed:	03/07/2006 1707		Final Weight/Volume: 3 mL
Date Prepared:	03/07/2006 1030		Injection Volume:
			Column ID: PRIMARY
MSD Lab Sample ID:	660-7387-1	Analysis Batch: 660-21876	Instrument ID: HP 5890 Series II ECD1/2
Client Matrix:	Water	Prep Batch: 660-21760	Lab File ID: 1C07S020.D
Dilution:	1.0		Initial Weight/Volume: 34.3998 g
Date Analyzed:	03/07/2006 1731		Final Weight/Volume: 3 mL
Date Prepared:	03/07/2006 1030		Injection Volume:
			Column ID: PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,2-Dibromo-3-Chloropropane	95	93	70 - 130	3	30		
Ethylene Dibromide	106	109	70 - 130	1	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7387-1

Method Blank - Batch: 660-21464

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Total Recoverable

Lab Sample ID: MB 660-21464/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/06/2006 0855
Date Prepared: 03/02/2006 0953

Analysis Batch: 660-21640
Prep Batch: 660-21464
Units: mg/L

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50.0 mL
Final Weight/Volume: 50.0 mL

Analyte	Result	Qual	MDL	PQL
Sodium	0.31	U	0.31	0.50

Method Blank - Batch: 660-21464

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Total Recoverable

Lab Sample ID: MB 660-21464/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/06/2006 0855
Date Prepared: 03/02/2006 0953

Analysis Batch: 660-21640
Prep Batch: 660-21464
Units: ug/L

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50.0 mL
Final Weight/Volume: 50.0 mL

Analyte	Result	Qual	MDL	PQL
Silver	1.9	U	1.9	10
Arsenic	4.8	U	4.8	10
Barium	1.2	U	1.2	10
Beryllium	0.74	U	0.74	4.0
Cadmium	0.71	U	0.71	5.0
Cobalt	1.6	U	1.6	10
Chromium	1.7	U	1.7	10
Copper	2.9	U	2.9	20
Iron	22	U	22	50
Nickel	4.7	U	4.7	40
Antimony	3.6	U	3.6	6.0
Lead	1.6	U	1.6	5.0
Selenium	5.9	U	5.9	10
Vanadium	2.5	U	2.5	10
Zinc	5.9	U	5.9	20

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7387-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-21464

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Total Recoverable

LCS Lab Sample ID:	LCS 660-21464/2-A	Analysis Batch:	660-21640	Instrument ID:	TJA ICP TRACE
Client Matrix:	Water	Prep Batch:	660-21464	Lab File ID:	6C06A
Dilution:	1.0	Units:	mg/L	Initial Weight/Volume:	50.0 mL
Date Analyzed:	03/06/2006 0901			Final Weight/Volume:	50.0 mL
Date Prepared:	03/02/2006 0953				

LCSD Lab Sample ID:	LCSD 660-21464/3-A	Analysis Batch:	660-21640	Instrument ID:	TJA ICP TRACE
Client Matrix:	Water	Prep Batch:	660-21464	Lab File ID:	6C06A
Dilution:	1.0	Units:	mg/L	Initial Weight/Volume:	50.0 mL
Date Analyzed:	03/06/2006 0907			Final Weight/Volume:	50.0 mL
Date Prepared:	03/02/2006 0953				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Sodium	95	95	85 - 115	1	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7387-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-21464

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Total Recoverable

LCS Lab Sample ID: LCS 660-21464/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/06/2006 0901
Date Prepared: 03/02/2006 0953

Analysis Batch: 660-21640
Prep Batch: 660-21464
Units: ug/L

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50.0 mL
Final Weight/Volume: 50.0 mL

LCSD Lab Sample ID: LCSD 660-21464/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/06/2006 0907
Date Prepared: 03/02/2006 0953

Analysis Batch: 660-21640
Prep Batch: 660-21464
Units: ug/L

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50.0 mL
Final Weight/Volume: 50.0 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Silver	97	97	85 - 115	0	20		
Arsenic	100	101	85 - 115	0	20		
Barium	100	101	85 - 115	0	20		
Beryllium	100	101	85 - 115	1	20		
Cadmium	104	105	85 - 115	1	20		
Cobalt	102	103	85 - 115	1	20		
Chromium	104	105	85 - 115	1	20		
Copper	99	100	85 - 115	1	20		
Iron	103	105	85 - 115	3	20		
Nickel	104	105	85 - 115	1	20		
Antimony	94	95	85 - 115	1	20		
Lead	101	102	85 - 115	1	20		
Selenium	100	101	85 - 115	1	20		
Vanadium	103	104	85 - 115	1	20		
Zinc	106	108	85 - 115	2	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: HDR Engineering

Job Number: 660-7387-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-21464

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Total Recoverable

MS Lab Sample ID:	660-7386-D-1-C MS^R	Analysis Batch: 660-21640	Instrument ID: TJA ICP TRACE
Client Matrix:	Water	Prep Batch: 660-21464	Lab File ID: 6C06A
Dilution:	1.0		Initial Weight/Volume: 50.0 mL
Date Analyzed:	03/06/2006 0923		Final Weight/Volume: 50.0 mL
Date Prepared:	03/02/2006 0953		

MSD Lab Sample ID:	660-7386-D-1-D MSD^R	Analysis Batch: 660-21640	Instrument ID: TJA ICP TRACE
Client Matrix:	Water	Prep Batch: 660-21464	Lab File ID: 6C06A
Dilution:	1.0		Initial Weight/Volume: 50.0 mL
Date Analyzed:	03/06/2006 0929		Final Weight/Volume: 50.0 mL
Date Prepared:	03/02/2006 0953		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Sodium	93	92	85 - 115	0	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7387-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-21464

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Total Recoverable

MS Lab Sample ID:	660-7386-D-1-C MS^R	Analysis Batch: 660-21640	Instrument ID: TJA ICP TRACE
Client Matrix:	Water	Prep Batch: 660-21464	Lab File ID: 6C06A
Dilution:	1.0		Initial Weight/Volume: 50.0 mL
Date Analyzed:	03/06/2006 0923		Final Weight/Volume: 50.0 mL
Date Prepared:	03/02/2006 0953		

MSD Lab Sample ID:	660-7386-D-1-D MSD^R	Analysis Batch: 660-21640	Instrument ID: TJA ICP TRACE
Client Matrix:	Water	Prep Batch: 660-21464	Lab File ID: 6C06A
Dilution:	1.0		Initial Weight/Volume: 50.0 mL
Date Analyzed:	03/06/2006 0929		Final Weight/Volume: 50.0 mL
Date Prepared:	03/02/2006 0953		

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Silver	96	96	85 - 115	1	20		
Arsenic	99	101	85 - 115	2	20		
Barium	100	101	85 - 115	1	20		
Beryllium	99	101	85 - 115	2	20		
Cadmium	103	105	85 - 115	1	20		
Cobalt	101	102	85 - 115	1	20		
Chromium	103	104	85 - 115	1	20		
Copper	98	99	85 - 115	1	20		
Iron	102	104	85 - 115	2	20		
Nickel	103	105	85 - 115	1	20		
Antimony	93	94	85 - 115	1	20		
Lead	100	101	85 - 115	1	20		
Selenium	99	101	85 - 115	2	20		
Vanadium	102	104	85 - 115	1	20		
Zinc	105	106	85 - 115	1	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7387-1

Method Blank - Batch: 680-37401

Method: 200.8
Preparation: 4.1.4
Total Recoverable

Lab Sample ID: MB 680-37401/17-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/03/2006 0248
Date Prepared: 02/27/2006 1327

Analysis Batch: 680-37847
Prep Batch: 680-37401
Units: ug/L

Instrument ID: ICP MS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Result	Qual	MDL	PQL
Thallium	0.25	U	0.25	1.0

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 680-37401

Method: 200.8
Preparation: 4.1.4
Total Recoverable

LCS Lab Sample ID: LCS 680-37401/18-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/03/2006 0256
Date Prepared: 02/27/2006 1327

Analysis Batch: 680-37847
Prep Batch: 680-37401
Units: ug/L

Instrument ID: ICP MS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

LCSD Lab Sample ID: LCSD 680-37401/19-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/03/2006 0303
Date Prepared: 02/27/2006 1327

Analysis Batch: 680-37847
Prep Batch: 680-37401
Units: ug/L

Instrument ID: ICP MS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Thallium	101	103	85 - 115	2	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7387-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-37401

Method: 200.8
Preparation: 4.1.4
Total Recoverable

MS Lab Sample ID:	660-7387-1	Analysis Batch: 680-37847	Instrument ID: ICP MS
Client Matrix:	Water	Prep Batch: 680-37401	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	03/03/2006 0331		Final Weight/Volume: 250 mL
Date Prepared:	02/27/2006 1327		

MSD Lab Sample ID:	660-7387-1	Analysis Batch: 680-37847	Instrument ID: ICP MS
Client Matrix:	Water	Prep Batch: 680-37401	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	03/03/2006 0339		Final Weight/Volume: 250 mL
Date Prepared:	02/27/2006 1327		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Thallium	101	98	75 - 125	3	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7387-1

Method Blank - Batch: 660-21446

Method: 245.1
Preparation: 245.1

Lab Sample ID: MB 660-21446/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/02/2006 1121
Date Prepared: 03/02/2006 0805

Analysis Batch: 660-21504
Prep Batch: 660-21446
Units: ug/L

Instrument ID: HydraAA Mercury Analyzer
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	PQL
Mercury	0.072	U	0.072	0.20

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-21446

Method: 245.1
Preparation: 245.1

LCS Lab Sample ID: LCS 660-21446/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/02/2006 1123
Date Prepared: 03/02/2006 0805

Analysis Batch: 660-21504
Prep Batch: 660-21446
Units: ug/L

Instrument ID: HydraAA Mercury Analyzer
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

LCSD Lab Sample ID: LCSD 660-21446/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/02/2006 1125
Date Prepared: 03/02/2006 0805

Analysis Batch: 660-21504
Prep Batch: 660-21446
Units: ug/L

Instrument ID: HydraAA Mercury Analyz
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	% Rec. LCS	% Rec. LCSD	% Rec. Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Mercury	91	91	80 - 120	0	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7387-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-21446

Method: 245.1
Preparation: 245.1

MS Lab Sample ID:	660-7387-1	Analysis Batch: 660-21504	Instrument ID: HydraAA Mercury Analyz
Client Matrix:	Water	Prep Batch: 660-21446	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	03/02/2006 1134		Final Weight/Volume: 50 mL
Date Prepared:	03/02/2006 0805		

MSD Lab Sample ID:	660-7387-1	Analysis Batch: 660-21504	Instrument ID: HydraAA Mercury Analyzer
Client Matrix:	Water	Prep Batch: 660-21446	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	03/02/2006 1136		Final Weight/Volume: 50 mL
Date Prepared:	03/02/2006 0805		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Mercury	90	90	80 - 120	0	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7387-1

Method Blank - Batch: 660-21227

Method: 160.1
Preparation: N/A

Lab Sample ID: MB 660-21227/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/24/2006 1555
Date Prepared: N/A

Analysis Batch: 660-21227
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	RL	PQL
Total Dissolved Solids	5.0	U	5.0	5.0

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-21227

Method: 160.1
Preparation: N/A

LCS Lab Sample ID: LCS 660-21227/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/24/2006 1555
Date Prepared: N/A

Analysis Batch: 660-21227
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 660-21227/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/24/2006 1555
Date Prepared: N/A

Analysis Batch: 660-21227
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Total Dissolved Solids	98	97	80 - 120	1	25		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7387-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-21227

Method: 160.1
Preparation: N/A

MS Lab Sample ID:	660-7384-D-1 MS	Analysis Batch: 660-21227	Instrument ID: No Equipment Assigned
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	02/24/2006 1555		Final Weight/Volume: 50 mL
Date Prepared:	N/A		

MSD Lab Sample ID:	660-7384-D-1 MSD	Analysis Batch: 660-21227	Instrument ID: No Equipment Assigned
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	02/24/2006 1555		Final Weight/Volume: 50 mL
Date Prepared:	N/A		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Total Dissolved Solids	100	100	80 - 120	1	25		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7387-1

Method Blank - Batch: 660-23035

Method: 160.1
Preparation: N/A

Lab Sample ID: MB 660-23035/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/31/2006 1625
Date Prepared: N/A

Analysis Batch: 660-23035
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume:

Analyte	Result	Qual	RL	PQL
Total Dissolved Solids	5.0	U	5.0	5.0

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-23035

Method: 160.1
Preparation: N/A

LCS Lab Sample ID: LCS 660-23035/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/31/2006 1625
Date Prepared: N/A

Analysis Batch: 660-23035
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume:

LCSD Lab Sample ID: LCSD 660-23035/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/31/2006 1625
Date Prepared: N/A

Analysis Batch: 660-23035
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume:

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Total Dissolved Solids	98	99	80 - 120	1	25		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7387-1

Method Blank - Batch: 660-21271

Method: 325.2
Preparation: N/A

Lab Sample ID: MB 660-21271/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/27/2006 1409
Date Prepared: N/A

Analysis Batch: 660-21271
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

Analyte	Result	Qual	MDL	PQL
Chloride	0.90	U	0.90	1.0

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-21271

Method: 325.2
Preparation: N/A

LCS Lab Sample ID: LCS 660-21271/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/27/2006 1409
Date Prepared: N/A

Analysis Batch: 660-21271
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

LCSD Lab Sample ID: LCSD 660-21271/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/27/2006 1409
Date Prepared: N/A

Analysis Batch: 660-21271
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloride	104	100	90 - 110	4	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: HDR Engineering

Job Number: 660-7387-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-21271

Method: 325.2
Preparation: N/A

MS Lab Sample ID:	660-7293-B-2 MS	Analysis Batch:	660-21271	Instrument ID:	No Equipment Assigned
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	2 mL
Date Analyzed:	02/27/2006 1409			Final Weight/Volume:	2 mL
Date Prepared:	N/A				

MSD Lab Sample ID:	660-7293-B-2 MSD	Analysis Batch:	660-21271	Instrument ID:	No Equipment Assigned
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	2 mL
Date Analyzed:	02/27/2006 1409			Final Weight/Volume:	2 mL
Date Prepared:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloride	3	4	90 - 110	3	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7387-1

Method Blank - Batch: 660-21358

Method: 325.2
Preparation: N/A

Lab Sample ID: MB 660-21358/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/28/2006 1240
Date Prepared: N/A

Analysis Batch: 660-21358
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

Analyte	Result	Qual	MDL	PQL
Chloride	0.90	U	0.90	1.0

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-21358

Method: 325.2
Preparation: N/A

LCS Lab Sample ID: LCS 660-21358/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/28/2006 1240
Date Prepared: N/A

Analysis Batch: 660-21358
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

LCSD Lab Sample ID: LCSD 660-21358/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/28/2006 1240
Date Prepared: N/A

Analysis Batch: 660-21358
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloride	100	99	90 - 110	1	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7387-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-21358

Method: 325.2
Preparation: N/A

MS Lab Sample ID:	660-7387-10	Analysis Batch: 660-21358	Instrument ID: No Equipment Assigned
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 2 mL
Date Analyzed:	02/28/2006 1240		Final Weight/Volume: 2 mL
Date Prepared:	N/A		

MSD Lab Sample ID:	660-7387-10	Analysis Batch: 660-21358	Instrument ID: No Equipment Assigned
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 2 mL
Date Analyzed:	02/28/2006 1240		Final Weight/Volume: 2 mL
Date Prepared:	N/A		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloride	103	114	90 - 110	9	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7387-1

Method Blank - Batch: 660-21276

Method: 350.1
Preparation: N/A

Lab Sample ID: MB 660-21276/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/27/2006 1043
Date Prepared: N/A

Analysis Batch: 660-21276
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

Analyte	Result	Qual	MDL	PQL
Ammonia	0.040	U	0.040	0.050

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-21276

Method: 350.1
Preparation: N/A

LCS Lab Sample ID: LCS 660-21276/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/27/2006 1043
Date Prepared: N/A

Analysis Batch: 660-21276
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

LCSD Lab Sample ID: LCSD 660-21276/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/27/2006 1043
Date Prepared: N/A

Analysis Batch: 660-21276
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Ammonia	104	104	90 - 110	0	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: HDR Engineering

Job Number: 660-7387-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-21276

Method: 350.1
Preparation: N/A

MS Lab Sample ID:	660-7387-1	Analysis Batch: 660-21276	Instrument ID: No Equipment Assigned
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 2 mL
Date Analyzed:	02/27/2006 1043		Final Weight/Volume: 2 mL
Date Prepared:	N/A		

MSD Lab Sample ID:	660-7387-1	Analysis Batch: 660-21276	Instrument ID: No Equipment Assigned
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 2 mL
Date Analyzed:	02/27/2006 1043		Final Weight/Volume: 2 mL
Date Prepared:	N/A		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Ammonia	119	119	90 - 110	0	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7387-1

Method Blank - Batch: 660-21368

Method: 350.1
Preparation: N/A

Lab Sample ID: MB 660-21368/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/28/2006 1608
Date Prepared: N/A

Analysis Batch: 660-21368
Prep Batch: N/A
Units: mg/L

Instrument ID: Seal Autoanalyzer
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

Analyte	Result	Qual	MDL	PQL
Ammonia	0.040	U	0.040	0.050

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-21368

Method: 350.1
Preparation: N/A

LCS Lab Sample ID: LCS 660-21368/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/28/2006 1610
Date Prepared: N/A

Analysis Batch: 660-21368
Prep Batch: N/A
Units: mg/L

Instrument ID: Seal Autoanalyzer
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

LCSD Lab Sample ID: LCSD 660-21368/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/28/2006 1612
Date Prepared: N/A

Analysis Batch: 660-21368
Prep Batch: N/A
Units: mg/L

Instrument ID: Seal Autoanalyzer
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Ammonia	102	102	90 - 110	0	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7387-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-21368

Method: 350.1
Preparation: N/A

MS Lab Sample ID:	660-7341-A-1 MS	Analysis Batch: 660-21368	Instrument ID: Seal Autoanalyzer
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 2 mL
Date Analyzed:	02/28/2006 1617		Final Weight/Volume: 2 mL
Date Prepared:	N/A		

MSD Lab Sample ID:	660-7341-A-1 MSD	Analysis Batch: 660-21368	Instrument ID: Seal Autoanalyzer
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 2 mL
Date Analyzed:	02/28/2006 1619		Final Weight/Volume: 2 mL
Date Prepared:	N/A		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Ammonia	117	117	90 - 110	1	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7387-1

Method Blank - Batch: 660-21103

Method: 353.2
Preparation: N/A

Lab Sample ID: MB 660-21103/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/24/2006 0745
Date Prepared: N/A

Analysis Batch: 660-21103
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	PQL
Nitrate Nitrogen	0.010	U	0.010	0.050

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-21103

Method: 353.2
Preparation: N/A

LCS Lab Sample ID: LCS 660-21103/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/24/2006 0745
Date Prepared: N/A

Analysis Batch: 660-21103
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

LCSD Lab Sample ID: LCSD 660-21103/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/24/2006 0745
Date Prepared: N/A

Analysis Batch: 660-21103
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Nitrate Nitrogen	81	85	80 - 120	4	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: HDR Engineering

Job Number: 660-7387-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-21103

Method: 353.2
Preparation: N/A

MS Lab Sample ID:	660-7387-1	Analysis Batch:	660-21103	Instrument ID:	No Equipment Assigned
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	02/24/2006 0745			Final Weight/Volume:	50 mL
Date Prepared:	N/A				

MSD Lab Sample ID:	660-7387-1	Analysis Batch:	660-21103	Instrument ID:	No Equipment Assigned
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	02/24/2006 0745			Final Weight/Volume:	50 mL
Date Prepared:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Nitrate Nitrogen	102	101	80 - 120	0	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

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LOGIN SAMPLE RECEIPT CHECK LIST

Client: HDR Engineering

Job Number: 660-7387-1

Login Number: 7387

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	NA	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

Appendix C

Field Information Forms

Serial Number 30287

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN TRENT **STL**

STL Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634
Website: www.stl-inc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

○ Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
CITY OF JACKSONVILLE		FL
SAMPLER'S SIGNATURE	P.O. NUMBER	CONTRACT NO.
CLIENT (SITE) PM: AL BUNCH	CLIENT PHONE: 904 289 9792	CLIENT FAX
CLIENT NAME: TRAIL RIDGE	CLIENT E-MAIL	
CLIENT ADDRESS: 5110 HWY 301 BALDWIN FL 32234		
COMPANY CONTRACTING THIS WORK (if applicable)		

PAGE 1 OF 3

STANDARD REPORT DELIVERY ⊗
DATE DUE _____
EXPEDITED REPORT DELIVERY (SURCHARGE) ○
DATE DUE _____
NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	MATRIX: AQUEOUS (WATER)	MATRIX: SOLID OR SEMISOLID	MATRIX: AIR	MATRIX: NONAQUEOUS LIQUID (OIL, SOLVENT,...)	REQUIRED ANALYSIS: TDS, NO3, Cl	EDB	8260 Appx I	Metals-Total	NH3	NUMBER OF CONTAINERS SUBMITTED									REMARKS
								None	HCl	HCl	HNO3	H2SO4	PRESERVATIVE									
2-23	0733	MWB13I	G	X				1	3	3	1	1										
2-23	0806	MWB31D	G	X				1	3	3	1	1										
2-23	0842	MWB35	G	X				1	3	3	1	1										
2-23	0924	MWB3I	G	X				1	3	3	1	1										
2-23	1004	MWB7I	G	X				1	3	3	1	1										
2-23	1023	MWB7D	G	X				1	3	3	1	1										
2-23	1045	MWB7S	G	X				1	3	3	1	1										
2-23	1101	MWB13S	G	X				1	3	3	1	1										
2-23	1147	MWB11I(R)	G	X				1	3	3	1	1										
2-23	1147	DUP02	G	X				1	3	3	1	1										
2-23	1208	MWB11S	G	X				1	3	3	1	1										
2-23	1229	MWB20S	G	X				1	3	3	1	1										

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS	2/24/04	1510		2-23-04	1900			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS			Barry McCaughey	2/24/04	9:15			

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT: YES ○ NO ○	CUSTODY SEAL NO.	STL TAMPA LOG NO.	LABORATORY REMARKS
					7427	1, 5, 1, 1, 5

STL8240-660 (12/02)

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Serial Number 30286

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN TRENT **STL**

(X) STL Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634
Website: www.stl-inc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

( ) Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE: City of Jacksonville	PROJECT NO.	PROJECT LOCATION (STATE): FL	PAGE 2 OF 3
SAMPLER'S SIGNATURE: [signature]	P.O. NUMBER	CONTRACT NO.	STANDARD REPORT DELIVERY (X) DATE DUE
CLIENT (SITE) PM: AL BURSEN	CLIENT PHONE: 904 259 7792	CLIENT FAX	EXPEDITED REPORT DELIVERY (SURCHARGE) ( ) DATE DUE
CLIENT NAME: TRAIL RIDGE	CLIENT E-MAIL		
CLIENT ADDRESS: 5110 HWY 301, BALDWIN, FL 32234			
COMPANY CONTRACTING THIS WORK (if applicable)			NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

MATRIX TYPE: COMPOSITE (C) OR GRAB (G) INDICATE; AQUEOUS (WATER); SOLID OR SEMISOLID; AIR; NONAQUEOUS LIQUID (OIL, SOLVENT,...)

REQUIRED ANALYSIS — NUMBER OF CONTAINERS SUBMITTED

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT,...)	TDS, NO3, Cl (None)	EDB (HCl)	8260 App I (HCl)	Metals - Total (HNO3)	NH3 (H2SO4)						REMARKS
2-23	1254	MWB21S	G	X				1	3	3	1	1						
2-23	1218	MWB17S	G	X				1	3	3	1	1						
2-23	1218	DUP03	G	X				1	3	3	1	1						
2-23	1305	MWB17I	G	X				1	3	3	1	1						
2-23	0756	MWB34D	G	X				1	3	3	1	1						
2-23	0828	MWB34I	G	X				1	3	3	1	1						
2-23	0746	MWB34S	G	X				1	3	3	1	1						
2-23	1120	MWB33S	G	X				1	3	3	1	1						
2-23	1027	MWB32D	G	X				1	3	3	1	1						
2-23	1004	MWB32I	G	X				1	3	3	1	1						
2-23	0920	MWB32S	G	X				1	3	3	1	1						
2-23	1245	MWB17D	G	X				1	3	3	1	1						

PRESERVATIVE

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature] EMPTY CONTAINERS	2/6/06	1500	[signature]	2-23-06	1900			
RECEIVED BY: (SIGNATURE) EMPTY CONTAINERS	DATE	TIME	RECEIVED BY: (SIGNATURE) Benny McCaughy	DATE 2/24/06	TIME 9:15	RECEIVED BY: (SIGNATURE)	DATE	TIME

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT YES ( ) NO ( )	CUSTODY SEAL NO.	STL TAMPA LOG NO.	LABORATORY REMARKS
					7427	1, 5, 1, 1, 5

SEVERN TRENT STL®

STL8240-660 (12/02)

Serial Number 30283

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN TRENT **STL**

☒ STL Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634

Website: www.stl-inc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

○ Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE: CITY OF JACKSONVILLE	PROJECT NO.	PROJECT LOCATION (STATE): FL	PAGE 3 OF 3
SAMPLER'S SIGNATURE: [signature]	P.O. NUMBER	CONTRACT NO.	STANDARD REPORT DELIVERY ☒ DATE DUE
CLIENT (SITE) PM: AL BURSEN	CLIENT PHONE	CLIENT FAX	EXPEDITED REPORT DELIVERY (SURCHARGE) ○ DATE DUE
CLIENT NAME: TRAIL RIDGE	CLIENT E-MAIL		
CLIENT ADDRESS: 5110 HWY 301, BALDWIN FL 32234			NUMBER OF COOLERS SUBMITTED PER SHIPMENT:
COMPANY CONTRACTING THIS WORK (if applicable)			

MATRIX TYPE: COMPOSITE (C) OR GRAB (G) INDICATE; AQUEOUS (WATER); SOLID OR SEMISOLID; AIR; NONAQUEOUS LIQUID (OIL, SOLVENT,...)

REQUIRED ANALYSIS / NUMBER OF CONTAINERS SUBMITTED

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT,...)	TDS, NO3, Cl (None)	EDB (HCl)	8260 Appl (HCl)	Metals - Total (HNO3)	NH3 (H2SO4)						REMARKS
2-23	1315	FB	G	X				1	3	3	1	1						
2-23	1325	EB	G	X				1	3	3	1	1						
2-23	—	TRIP	G	X					4	4								

PRESERVATIVE

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature] EMPTY CONTAINERS	2/15/06	1500	[signature]	2-23-06	1900			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS			Bunny McLaughlin	2/24/06	9:15			

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	STL TAMPA LOG NO.	LABORATORY REMARKS
			YES ○ NO ○		7427	1, 5, 1, 1, 5

SEVERN TRENT STL®

STL8240-660 (12/02)

SEVERN TRENT STL®

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Site No.:

Sample Point: MWB325 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
022306	0910	0010	17	75	44

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: Y or N

Filter Device: Y or N 0.45 µ or ____ µ (circle or fill in)

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

Filter Type: — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

X-Other:

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): 12464 (ft/msl)

Depth to Water (DTW) (from TOC): 938 (ft)

Groundwater Elevation (site datum, from TOC): 11526 (ft/msl)

Total Well Depth (from TOC): 1990 (ft)

Stick Up (from ground elevation): ____ (ft)

Casing ID: 2 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit gpm		pH (std)		Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
0915	.75	1st	534	1st	110	199	331	10		
0917	.75	2nd	529	2nd	92	199	328	09		
0919	.75	3rd	533	3rd	99	201	319	08		
		4th		4th						
Suggested range for 3 consec. readings or note Permit/State requirements:			+/- 0.2		+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
022306	533	99	201	319	08		

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: SLT. CLOUDY — Odor: NONE — Color: VLT. TAN — Other: No Sheen

Weather Conditions (required daily, or as conditions change): Direction/Speed: CALM — Outlook: CLOUDY, 80°F — Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required):

CALC: 19.90 - 9.38 = 10.52 x 0.163 = 1.71 x 3 = 5.14 GAL.

FLOW: 20 x 4 = 80 ÷ 60 = 1.33 x 5.14 = 6.84 MIN.

ACTUAL: 10.00 ÷ 1.33 = 7.52 GAL.

SAMPLE TIME: 0920

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
02/23/06	BEN RANGEAWAN	Ben Rangeawan	PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - [illegible] - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

SEVERN TRENT STL®

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Site No.:

Sample Point: MWB170 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
022306	1145	0100	200	600	30

Note: For Passive Sampling, replace "Water Vol In Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other:

Filter Device: Y or (N) — 0.45 µ or _____ µ (circle or fill in)

Filter Type: —

A-In-line Disposable, B-Pressure, C-Vacuum, X-Other: _____

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: _____

WELL DATA

Well Elevation (at TOC): 1352 (ft/msl)

Depth to Water (DTW) (from TOC): 780 (ft)

Groundwater Elevation (site datum, from TOC): 1307.2 (ft/msl)

Total Well Depth (from TOC): 1273.2 (ft)

Stick Up (from ground elevation): _____ (ft)

Casing ID: 2 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by State/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit (gpm)	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25°C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1240	1.0 1st	5.40 1st	61 1st	21.8 1st	0.1 1st	1.2 1st		
1242	1.0 2nd	5.37 2nd	61 2nd	21.8 2nd	0.1 2nd	1.1 2nd		
1244	1.0 3rd	5.41 3rd	61 3rd	21.7 3rd	0.1 3rd	1.1 3rd		
	4th	4th	4th					
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: _____ Units _____
022306	5.41	61	21.7	0.1	1.1		

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: CLEAR Odor: NONE Color: NONE Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: CALM Outlook: CLOUDY, 80°F Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

CALC: 127.32 - 7.80 = 119.52 x 0.163 = 19.48 x 3 = 58.44 GAL.

FLOW: 15 x 4 = 60 ÷ 60 = 1.00 x 58.44 = 58.44 GAL.

ACTUAL: 60.00 ÷ 1.00 = 60.0 GAL.

SAMPLE TIME: 1245

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
02/23/06	BEN RAMIREZ	Ben Ramirez	PRO-TECH
/ /			

DISTRIBUTION: WHITE/ORIGINAL - Returned with Sample; YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

SEVERN TRENT STL®

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Sample No.:

Sample Point: MW813I (Sample ID)

This Waste Management Field Information Form is Required. This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
02/23/06	0706	1:27	710	2250	36

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other:

Filter Device: Y or (N) — 0.45 µ or _____ µ (circle or fill in)

Filter Type: — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC)	Depth to Water (DTW) (from TOC)	Groundwater Elevation (site datum, from TOC)
1259.8 (ft/msl)	17.47 (ft)	1085.1 (ft/msl)

Total Well Depth (from TOC)	Stick Up (from ground elevation)	Casing ID	Casing Material
60.48 (ft)	(ft)	2 (in)	PVC

Note: Total Well Depth, Stick Up, Casing Id. etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit		pH (std)		Conductance (SC/EC) (µmhos/cm @ 25 °C)		Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
	gpm										
0728	0.94	1st	5.04	1st	137		22.4	119	1.4		
0730	0.94	2nd	5.07	2nd	137		22.4	123	1.3		
0732	0.94	3rd	5.11	3rd	137		22.4	125	1.3		
		4th		4th							
Suggested range for 3 consec. readings or note Permit/State requirements:			+/- 0.2		+/- 3%		--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: _____ Units
02/23/06	5.11	137	22.4	125	1.3		

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: CLEAR Odor: Very Slight Color: None Other: No Sheen

Weather Conditions (required daily, or as conditions change): Direction/Speed: CALM Outlook: Overcast 50°F Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

CALC: 60.48 - 17.49 = 43.01 x 0.163 = 7.01 x 3 = 21.03

FLOW: 16 x 4 = 64 ÷ 60 = 1.067 x 21.03 = 22.43

ACTUAL: 27 ÷ 1.067 = 25.30

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
2/23/06	DAN ARMOUR		PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

SEVERN TRENT STL®

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Site No.:

Sample Point: MW831D (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
02/23/06	0753	1:13	24	108	4.6

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Filter Device: Y or (N) 0.45 µ or _____ µ (circle or fill in)

Purging Device: C

Sampling Device: C

A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

X-Other:

Filter Type: —

A-In-line Disposable, B-Pressure, C-Vacuum, X-Other: _____

Sample Tube Type: A

A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: _____

WELL DATA

Well Elevation (at TOC)	Depth to Water (DTW) (from TOC)	Groundwater Elevation (site datum, from TOC)
1561.5 (ft/msl)	175 (ft)	1386.0 (ft/msl)

Total Well Depth (from TOC)	Stick Up (from ground elevation)	Casing ID	Casing Material
129.00 (ft)	(ft)	2 (in)	PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
0801	0.8 1st	6.78 1st	352 1st	19.9	1.3	0.7		
0803	0.8 2nd	6.80 2nd	349 2nd	19.9	1.1	0.7		
0805	0.8 3rd	6.81 3rd	348 3rd	19.9	1.2	0.7		
	4th	4th						
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional (i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: _____ Units _____
02/23/06	6.81	348	19.9	1.2	0.7		

Final Field Readings are required (i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.

Sample Appearance: CLEAR Odor: NONE Color: NONE Other: No Sheen

Weather Conditions (required daily, or as conditions change): Direction/Speed: SE 0-5 Outlook: cloudy 55°F Precipitation: (Y) or N

Specific Comments (including purge/well volume calculations if required): Purge Mist set @ 114.50 ft.

FIELD COMMENTS

CALC: 129.00 - 114.50 = 14.50 x 0.163 = 2.363 x 3 = 7.09

FLOW: 18 x 4 = 72 ÷ 60 = 1.2 x 7.09 = 8.51

ACTUAL: 13 ÷ 1.2 = 10.83

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
2/23/06	Dan Armour		Pro-Tech

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

SEVERN TRENT STL®

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Site No.:

Sample Point: MW835 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
022306	0830	1:12	20	9.5	4.7

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Filter Device: Y or (N) 0.45 µ or _____ µ (circle or fill in)

Purging Device: C
Sampling Device: C
A-Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Filter Type: —
A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

X-Other:

Sample Tube Type: A
A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC)	Depth to Water (DTW) (from TOC)	Groundwater Elevation (site datum, from TOC)
1534.8 (ft/msl)	7.52 (ft)	1458.96 (ft/msl)

Total Well Depth (from TOC)	Stick Up (from ground elevation)	Casing ID	Casing Material
20.00 (ft)	(ft)	2 (in)	PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
0837	0.79 1st	4.88 1st	47 1st	17.5	2.8	2.6		
0839	0.79 2nd	4.83 2nd	47 2nd	17.5	2.6	2.6		
0841	0.79 3rd	4.79 3rd	47 3rd	17.5	2.5	2.6		
	4th	4th	4th					
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
022306	4.79	47	17.5	2.5	2.6		

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

Sample Appearance: CLEAR Odor: NONE Color: NONE Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: SE 0-5 Outlook: Cloudy 60°F Precipitation: (Y) or N

Specific Comments (including purge/well volume calculations if required):

FIELD COMMENTS

CALC 20.00-7.52=12.48x0.163=2.03x3=6.10

FLOW: 19x4=76÷60=1.267x6.10=7.73

ACTUAL: 12÷1.264=9.5

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
2/23/06	DAN ARMOUR		PROTECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

SEVERN TRENT STL®

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Site No.:

Sample Point: MWB3I (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
02/23/06	0852	132	80	283	3.5

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Filter Device: Y or (N) 0.45 µ or _____ µ (circle or fill in)

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

Filter Type: — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other: _____

X-Other: _____

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: _____

WELL DATA

Well Elevation (at TOC)	Depth to Water (DTW) (from TOC)	Groundwater Elevation (site datum, from TOC)	Total Well Depth (from TOC)	Stick Up (from ground elevation)	Casing ID	Casing Material
1518.6 (ft/msl)	1284 (ft)	1390.2 (ft/msl)	6200 (ft)	____ (ft)	2 (in)	PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
0919	0.88 1st	4.93 1st	35 1st	20.7 1st	01 1st	1.1 1st		
0921	0.88 2nd	4.91 2nd	35 2nd	20.7 2nd	00 2nd	1.1 2nd		
0923	0.88 3rd	4.90 3rd	35 3rd	20.7 3rd	00 3rd	1.0 3rd		
	4th	4th	4th					
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional (i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: _____ Units _____
02/23/06	4.90	35	20.7	00	1.0		

Final Field Readings are required (i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.

Sample Appearance: CLEAR Odor: SLIGHT Color: NONE Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: SE 0-5 Outlook: cloudy 55°F Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

FIELD COMMENTS

CALC: 62.00 - 12.84 = 49.16 x 0.163 = 8.01 x 3 = 24.04

FLOW: 17 x 4 = 68 ÷ 60 = 1.13 x 24.04 = 27.25

ACTUAL: 32 ÷ 1.13 = 28.3

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
2/23/06	DAN ARMOUR		PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-6029WM R: 12/00

SEVERN TRENT STL®

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Site No.:

Sample Point: MWB7I (Sample ID)

This Waste Management Field Information Form is Required. This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
02/23/06	0933	3:1	100	332	33

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other:

Filter Device: Y or (N) — 0.45 µ or _____ µ (circle or fill in)

Filter Type: — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): 1253 (ft/msl)

Depth to Water (DTW) (from TOC): 393 (ft)

Groundwater Elevation (site datum, from TOC): 11760 (ft/msl)

Total Well Depth (from TOC): 6502 (ft)

Stick Up (from ground elevation): _____ (ft)

Casing ID: 2 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
0959	1.1 1st	5.39 1st	143 1st	22.1	0.9	1.0		
1001	1.1 2nd	5.36 2nd	143 2nd	22.1	0.6	0.9		
1003	1.1 3rd	5.37 3rd	143 3rd	22.0	0.8	0.9		
	4th	4th						
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	–	–	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional (i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: _____ Units _____
02/23/06	5.37	143	22.0	0.8	0.9		

Final Field Readings are required (i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.

Sample Appearance: CLEAR Odor: NONE Color: NONE Other: No Sheen

Weather Conditions (required daily, or as conditions change): Direction/Speed: SE 0.5 Outlook: cloudy 60°F Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

FIELD COMMENTS

CALC 65.00 - 3.93 = 61.07 X 0.163 = 9.95 x 3 = 29.86

FLOW: 14 x 4 = 56 ÷ 60 = 0.933 x 29.86 = 27.86

ACTUAL: 31 ÷ 0.933 = 33.2

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
2/23/06	DAN ARMOUR		Pro-Tech

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

SEVERN TRENT STL®

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Sample Point: MW870 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
022306	1008	115	29	11.8	9.1

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Purging Device: C — Sampling Device: C

A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

X-Other:

Filter Device: Y or (N) — 0.45 µ or ____ µ (circle or fill in)

Filter Type: —

A-In-line Disposable, B-Pressure, C-Vacuum, X-Other ____

Sample Tube Type: A

A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: ____

WELL DATA

Well Elevation (at TOC): 1265 (ft/msl)

Depth to Water (DTW) (from TOC): 128 (ft)

Groundwater Elevation (site datum, from TOC): 1203.7 (ft/msl)

Total Well Depth (from TOC): 1170.0 (ft)

Stick Up (from ground elevation): ____ (ft)

Casing ID: 2 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit gpm	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1018	0.79 1st	7.34 1st	1343 1st	21.6	0.1	0.8		
1020	0.79 2nd	7.38 2nd	1342 2nd	21.7	0.1	0.8		
1022	0.79 3rd	7.39 3rd	1342 3rd	21.7	0.1	0.8		
	4th	4th						
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional (i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
022306	7.39	1342	21.7	0.1	0.8		

Final Field Readings are required (i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.

FIELD COMMENTS

Sample Appearance: CLEAR — Odor: NONE — Color: NONE — Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: SE 0-5 — Outlook: cloudy 60's — Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required): Pump Inlet set @ 99.00 ft.

CALC: 117.00 - 99.00 = 18.00 x 0.163 = 2.9 x 3 = 8.8

FLOW: 19 x 4 = 96 ÷ 60 = 1.267 x 8.8 = 11.15

ACTUAL: 15 ÷ 1.269 = 11.8

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
2/23/06	DAN ARMOUR		PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

SEVERN TRENT STL®

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Site No.:

Sample Point: MW87S (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hr:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
022306	1034		20	163	53

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Filter Device: Y or (N) 0.45 µ or _____ µ (circle or fill in)

Purging Device: C

Sampling Device: C

A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Filter Type: —

A-In-line Disposable, B-Pressure, C-Vacuum, X-Other _____

X-Other:

Sample Tube Type: A

A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: _____

WELL DATA

Well Elevation (at TOC): 1232.9 (ft/msl)

Depth to Water (DTW) (from TOC): 7.95 (ft)

Groundwater Elevation (site datum, from TOC): 1153.4 (ft/msl)

Total Well Depth (from TOC): 20.00 (ft)

Stick Up (from ground elevation): (ft)

Casing ID: 2 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by State/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Rate/Unit: gpm

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1040	0.9 1st	5.24 1st	1101 1st	21.2	13.7	0.9		
1042	0.9 2nd	5.23 2nd	1101 2nd	21.2	14.8	0.9		
1044	0.9 3rd	5.22 3rd	1100 3rd	21.2	14.4	0.9		
	4th	4th						
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional (i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: _____ Units _____
022306	5.22	1100	21.2	14.4	0.9		

Final Field Readings are required (i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.

FIELD COMMENTS

Sample Appearance: CLEAR Odor: SLIGHT Color: Brown tint Other: NO Sheen

Weather Conditions (required daily, or as conditions change): Direction/Speed: SE 0-5 Outlook: cloudy 60°F Precipitation: (Y) or N

Specific Comments (including purge/well volume calculations if required):

CALC: 20.00 - 7.95 = 12.05 x 0.163 = 1.96 x 3 = 5.89

FLOW: 16 x 4 = 64 ÷ 60 = 1.067 x 5.89 = 6.29

ACTUAL: 11 ÷ 1.069 = 10.3

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
2/23/06	DAN ARMOUR		PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

SEVERN TRENT STL®

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Site No.:

Sample Point: MWB135 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
022306	0738	04	20	24	12 Purged Dry

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Filter Device: Y or (N) 0.45 µ or ____ µ (circle or fill in)

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

Filter Type: — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

X-Other:

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): 12606 (ft/msl)

Depth to Water (DTW) (from TOC): 1420 (ft)

Groundwater Elevation (site datum, from TOC): 11186 (ft/msl)

Total Well Depth (from TOC): 2656 (ft)

Stick Up (from ground elevation): ____ (ft)

Casing ID: 2 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit gpm	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
11:01	0.6 1st	541 1st	177	197	137	18		
	2nd	2nd						
	3rd	3rd						
	4th	4th						
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	–	–	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
022806	541	177	197	137	18		

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: SLT. CLOUDY — Odor: SLIGHT — Color: Brown tint — Other: No Sheen

Weather Conditions (required daily, or as conditions change): Direction/Speed: SE 0-5 — Outlook: cloudy 55°F — Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

CALC: 26.56 - 14.20 = 12.36 x 0.163 = 2.01 x 3 = 6.04

FLOW: 25x4 = 100 ÷ 60 = 1.667 x 6.04 = 10.07

ACTUAL: 4 ÷ 1.667 = 2.4

Well Purged dry @ gallons - sampled upon recovery

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
2/23/06	DAN ARMOUR	[signature]	PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

SEVERN TRENT STL®

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Site No.:

Sample Point: MWB11I

Sample ID (R)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
022306	1118	29	71	25.7	3

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Filter Device: Y or (N) 0.45 µ or _____ µ (circle or fill in)

Purging Device: C

Sampling Device: C

A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Filter Type: ~

A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

X-Other:

Sample Tube Type: A

A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC)	Depth to Water (DTW) (from TOC)	Groundwater Elevation (site datum, from TOC)
NA (ft/msl)	11.17 (ft)	NA (ft/msl)

Total Well Depth (from TOC)	Stick Up (from ground elevation)	Casing ID	Casing Material
55.00 (ft)	(ft)	2 (in)	PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1142	0.88 1st	5.19 1st	39 1st	2.34	419.1	1.3		
1144	0.80 2nd	5.19 2nd	38 2nd	2.34	49.3	1.3		
1146	0.80 3rd	5.17 3rd	38 3rd	2.34	46.7	1.3		
	4th	4th						
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
022306	5.17	38	2.34	46.2	1.3		

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: SLT. CLOUDY Odor: SLIGHT Color: BROWN Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: SE 0-5 Outlook: cloudy 65°F Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

CALC: 55.00 - 11.17 = 43.83 x 0.163 = 7.14 x 3 = 21.43

FLOW: 17x4 = 68 ÷ 60 = 1.13 x 21.43 = 24.3

ACTUAL: 29 ÷ 1.13 = 25.7

Completed DUP02 @ MW011I(R)

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
2/23/06	DAN AARMOUR		PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

SEVERN TRENT STL®

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Site No.:

Sample Point: MW811S (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
022306	1155	1:13	13	7.0	5.2

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other:

Filter Device: Y or (N) — 0.45 µ or _____ µ (circle or fill in)

Filter Type: — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other _____

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: _____

WELL DATA

Well Elevation (at TOC): 1208.1 (ft/msl)

Depth to Water (DTW) (from TOC): 11.29 (ft)

Groundwater Elevation (site datum, from TOC): 1096.52 (ft/msl)

Total Well Depth (from TOC): 19.50 (ft)

Stick Up (from ground elevation): _____ (ft)

Casing ID: 2 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1203	0.5 gpm 1st	4.10 1st	1164 1st	20.2	12	1.7		
1205	0.5 2nd	4.11 2nd	1165 2nd	20.2	1.6	1.6		
1209	0.5 3rd	4.10 3rd	1165 3rd	20.2	2.0	1.6		
	4th	4th						
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	–	–	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional (i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: _____ Units _____
022306	4.10	1165	20.2	2.0	1.6		

Final Field Readings are required (i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.

Sample Appearance: CLEAR Odor: NONE Color: NONE Other: NO Sheen

Weather Conditions (required daily, or as conditions change): Direction/Speed: SE 0-5 Outlook: cloudy 65°F Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

FIELD COMMENTS

CALC: 19.50 - 11.29 = 8.21 x 0.163 = 1.34 x 3 = 4.01

FLOW: 28 x 4 = 112 ÷ 60 = 1.867 x 4.01 = 7.49

ACTUAL: 13 ÷ 1.867 = 7.0

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
2/23/06	DAN ARMOUR		PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

SEVERN TRENT STL®

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Site No.:

Sample Point: MW8205 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
02/23/06	1217	1:12	20	100	50

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other:

Filter Device: Y or (N) — 0.45 µ or ____ µ (circle or fill in)

Filter Type: - — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other ____

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: ____

WELL DATA

Well Elevation (at TOC): 1210.1 (ft/msl)

Depth to Water (DTW) (from TOC): 7.61 (ft)

Groundwater Elevation (site datum, from TOC): 1134.0 (ft/msl)

Total Well Depth (from TOC): 20.00 (ft)

Stick Up (from ground elevation): ____ (ft)

Casing ID: 2 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1214	0.8 1st	4.36 1st	195 1st	2.53	2.3	0.9		
1220	0.8 2nd	4.36 2nd	196 2nd	2.53	2.3	1.0		
1228	0.8 3rd	4.34 3rd	196 3rd	2.53	2.2	0.9		
	4th		4th					
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional (i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
02/23/06	4.34	196	2.53	2.2	0.9		

Final Field Readings are required (i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.

FIELD COMMENTS

Sample Appearance: CLEAR Odor: NONE Color: NONE Other: NO Sheen

Weather Conditions (required daily, or as conditions change): Direction/Speed: SE 0-5 Outlook: cloudy 65°F Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required):

CALC: 20.00 - 7.61 = 12.39 x 0.163 = 2.02 x 3 = 6.06

Flow: 18x4 = 72 ÷ 60 = 1.2 x 6.06 = 7.27

Actual: 12 ÷ 1.2 = 10.0

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
2/23/06	DAN ARMOUR		PRO TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

SEVERN TRENT STL®

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Sample Point: MW B2 15 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
02 23 06	12 42	1 12	1 1 12	7 12	5 9

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other:

Filter Device: Y or (N) — 0.45 µ or ____ µ (circle or fill in)

Filter Type: — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other ____

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: ____

WELL DATA

Well Elevation (at TOC): 1284 (ft/msl)

Depth to Water (DTW) (from TOC): 1054 (ft)

Groundwater Elevation (site datum, from TOC): 1130 (ft/msl)

Total Well Depth (from TOC): 1800 (ft)

Stick Up (from ground elevation): ____ (ft)

Casing ID: 2 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1249	0.6 1st	4.94 1st	4.11 1st	21.5	67	1.0		
1251	0.6 2nd	4.92 2nd	4.11 2nd	21.5	72	1.0		
1253	0.6 3rd	4.91 3rd	4.11 3rd	21.5	70	1.0		
	4th	4th	4th					
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
02 23 06	4.91	4.11	21.5	70	1.0		

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

Sample Appearance: CLEAR Odor: Very Slight Color: NONE Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: SE 0-5 Outlook: cloudy 65°F Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

FIELD COMMENTS

CALC: 18.00 - 10.54 = 7.46 x 0.163 = 1.22 x 3 = 3.65

FLOW: 25 x 4 = 100 ÷ 60 = 1.67 x 3.65 = 6.1

ACTUAL: 12 ÷ 1.67 = 7.2

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
2/23/06	DAN ARMOUR		PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

SEVERN TRENT STL®

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Sample Point: MWB17S (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
02 23 06	1207	0011	18	99	56

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other:

Filter Device: Y or (N) — 0.45 µ or ____ µ (circle or fill in)

Filter Type: — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other ____

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: ____

WELL DATA

Well Elevation (at TOC)	Depth to Water (DTW) (from TOC)	Groundwater Elevation (site datum, from TOC)	Total Well Depth (from TOC)	Stick Up (from ground elevation)	Casing ID	Casing Material
1383.1 (ft/msl)	7.37 (ft)	1309.94 (ft/msl)	1831 (ft)	____ (ft)	2 (in)	PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1212	900 gpm	1st 5.28	1st 557	21.2	1143	2.2		
1214	900	2nd 5.31	2nd 556	20.8	1134	2.2		
1216	900	3rd 5.25	3rd 555	20.8	1119	2.2		
		4th	4th					
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional (i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units ____
02 23 06	5.25	555	20.8	11.9	2.2		

Final Field Readings are required (i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.

FIELD COMMENTS

Sample Appearance: CLEAR Odor: YES Color: NONE Other: NO Sheen

Weather Conditions (required daily, or as conditions change): Direction/Speed: CALM Outlook: CLOUDY, 80°F Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

CALC: 18.31 - 7.37 = 10.94 X 0.163 = 1.78 X 3 = 5.35 GAL.

FLOW: 16 X 4 = 64 ÷ 60 = 1.067 X 5.35 = 5.71 MIN.

ACTUAL: 11.00 ÷ 1.067 = 9.93 GAL.

SAMPLE TIME: 1218

DUP03 COMPLETED AT MWB17S

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
02/23/06	BEN RAMSEAUER	Ben Ramseauer	PRO TECH

DISTRIBUTION: WHITE/ORIGINAL - Stay with Sample; PINK - Returned to Client; PINK - Field Copy

STL-8029WM R: 12/00

SEVERN TRENT STL®

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Site No.:

Sample Point: MW817I (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
022306	1234	0031	92	310	34

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: Y or N

Filter Device: Y or N 0.45 µ or ____ µ (circle or fill in)

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other:

Filter Type: — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): 13843 (ft/msl)

Depth to Water (DTW) (from TOC): 358 (ft)

Groundwater Elevation (site datum, from TOC): 13485 (ft/msl)

Total Well Depth (from TOC): 6013 (ft)

Stick Up (from ground elevation): ____ (ft)

Casing ID: 2 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit gpm		pH (std)		Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1259	1.0	1st	504	1st	29	222	169	14		
1301	1.0	2nd	498	2nd	29	222	164	14		
1303	1.0	3rd	493	3rd	29	222	123	14		
		4th		4th						
Suggested range for 3 consec. readings or note Permit/State requirements:			+/- 0.2		+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
022306	493	29	222	123	14		

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: CLEAR — Odor: SLIGHT — Color: NONE — Other: No Sheen

Weather Conditions (required daily, or as conditions change): Direction/Speed: CALM — Outlook: CLOUDY, 80°F — Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required):

CALC: 60.13 − 3.58 = 56.55 × 0.163 = 9.22 × 3 = 27.65 GAL.

FLOW: 15.00 × 4 = 60 ÷ 60 = 1.00 × 27.65 = 27.65 MIN.

ACTUAL: 31.00 ÷ 1.00 = 31.00 GAL.

SAMPLE TIME: 1305

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
02/23/06	BEN RAMJEAWAN	Ben Ramjeawan	PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Place with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

SEVERN TRENT STL®

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Site No.:

Sample Point: MW-B3-4D (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
02/23/06	0705	0051	14.8	51.0	3.4

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N — Filter Device: Y or (N) — 0.45 µ or _____ µ (circle or fill in)

Purging Device: C — Sampling Device: C — X-Other: _____

A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Filter Type: — (A-In-line Disposable, B-Pressure, C-Vacuum, X-Other _____)

Sample Tube Type: D (A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: _____)

WELL DATA

Well Elevation (at TOC): 1259.2 (ft/msl) — Depth to Water (DTW) (from TOC): 10.05 (ft) — Groundwater Elevation (site datum, from TOC): 1149.7 (ft/msl)

Total Well Depth (from TOC): 100.78 (ft) — Stick Up (from ground elevation): _____ (ft) — Casing ID: 2 (in) — Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit gpm	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
0750	1.0 1st	6.84 1st	1390 1st	21.0	0.8	1.0		
0752	1.0 2nd	6.87 2nd	1381 2nd	21.3	0.8	1.0		
0754	1.0 3rd	6.91 3rd	1375 3rd	21.3	0.7	1.0		
	4th	4th						
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional (i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
02/23/06	6.91	375	21.3	0.7	1.0		

Final Field Readings are required (i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.

Sample Appearance: CLEAR — Odor: NONE — Color: NONE — Other: NO sheen

Weather Conditions (required daily, or as conditions change): Direction/Speed: CALM — Outlook: CLOUDY 65°F — Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

FIELD COMMENTS

CALC: 100.78 − 10.05 = 90.73 × 0.163 = 14.79 × 3 = 44.36 GAL.

FLOW: 1 GPM × 4 = 60 ÷ 60 = 1.00 × 44.36 = 44.36 MIN.

ACTUAL: 51 ÷ 1.00 = 51.00 GAL

SAMPLE TIME: 0756

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
02/23/06	BEN RANGEWALKER	Ben Rangewalker	PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

SEVERN TRENT STL®

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Sample Point: MW B34I (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrsamin)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
02/23/06	0800	0028	72	280	39

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Filter Device: Y or (N) 0.45 µ or ____ µ (circle or fill in)

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other:

Filter Type: — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): 12580 (ft/msl)

Depth to Water (DTW) (from TOC): 989 (ft)

Groundwater Elevation (site datum, from TOC): 11591 (ft/msl)

Total Well Depth (from TOC): 5395 (ft)

Stick Up (from ground elevation): ____ (ft)

Casing ID: 2 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit (gpm)	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
0820	1.0 1st	5.96 1st	41 1st	21.8	1.71	1.10		
0822	1.0 2nd	5.91 2nd	41 2nd	21.7	1.73	0.9		
0826	1.0 3rd	5.89 3rd	40 3rd	21.7	1.73	0.9		
	4th	4th						
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	–	–	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (µmhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
02/23/06	5.89	40	21.7	1.73	0.9		

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

Sample Appearance: CLEAR Odor: NONE Color: NONE Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: CALM Outlook: OVERCAST, 65°F Precipitation: (Y) or N

Specific Comments (including purge/well volume calculations if required):

FIELD COMMENTS

CALC: 53.95 - 9.89 = 44.06 x 0.163 = 7.18 x 3 = 21.54 GAL.

FLOW: 15 x 4 = 60 ÷ 60 = 1.00 x 21.54 = 21.54 MIN.

ACTUAL: 28.00 ÷ 1.00 = 28.00 GAL.

SAMPLE TIME: 0828

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
02/23/06	BEN RAMSEUR	Ben Ramseur	PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

SEVERN TRENT STL®

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Site No.:

Sample Point: MWB345 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: _____

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
022306	0737	0009	12	68	5.5

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Purging Device: C
Sampling Device: C
X-Other:

A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Filter Device: Y or (N) 0.45 µ or _____ µ (circle or fill in)

Filter Type: —
A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A
A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): 1258 (ft/msl)
Depth to Water (DTW) (from TOC): 1080 (ft)
Groundwater Elevation (site datum, from TOC): 1178 (ft/msl)
Total Well Depth (from TOC): 1836 (ft)
Stick Up (from ground elevation): _____ (ft)
Casing ID: 2 (in)
Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit gpm	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
0740	1st 7.5	1st 6.41	1st 1431	19.4	156	1.4		
0742	2nd 7.5	2nd 6.41	1014	19.8	126	1.3		
0744	3rd 7.5	3rd 6.38	972	19.9	103	1.2		
	4th	4th						
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	–	–	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: _____ Units _____
022306	6.38	972	19.9	103	1.2		

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.)*

FIELD COMMENTS

Sample Appearance: CLEAR Odor: YES Color: YELLOW TINT Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: CALM Outlook: CLOUDY, 65°F Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

CALC: 18.36 − 10.80 = 7.56 × 0.163 = 1.23 × 3 = 3.69 GAL.

FLOW: 20 × 4 = 80 ÷ 60 = 1.33 × 3.69 = 4.92 MIN.

ACTUAL: 9.00 ÷ 1.33 = 6.77 GAL.

SAMPLE TIME: 0746

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
02/23/06	BEN RAMSBARGER	Ben Ramsbarger	PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

SEVERN TRENT STL®

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Site No.:

Sample Point: MWB335 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
02 23 06	1109	0011	14	92	6.6

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Filter Device: Y or (N) 0.45 µ or _____ µ (circle or fill in)

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

Filter Type: — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other: _____

X-Other: _____

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: _____

WELL DATA

Well Elevation (at TOC)	Depth to Water (DTW) (from TOC)	Groundwater Elevation (site datum, from TOC)
12590 (ft/msl)	1145 (ft)	1445 (ft/msl)

Total Well Depth (from TOC)	Stick Up (from ground elevation)	Casing ID	Casing Material
2030 (ft)	(ft)	2 (in)	PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit		pH (std)		Conductance (SC/EC) (µmhos/cm @ 25 °C)		Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
	gpm										
1114		1st	5.19	1st	1116		19.9	183	0.9		
1116		2nd	5.15	2nd	1107		19.9	168	0.9		
1118		3rd	5.10	3rd	1100		19.8	55	0.8		
		4th		4th							
Suggested range for 3 cnsec. readings or note Permit/State requirements:			+/- 0.2		+/- 3%		--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional (i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
02 23 06	5.10	1100	19.8	55	0.8		

Final Field Readings are required (i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.

Sample Appearance: CLEAR Odor: NONE Color: NONE Other: No Sheen

Weather Conditions (required daily, or as conditions change): Direction/Speed: CALM Outlook: CLOUDY 80°F Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

FIELD COMMENTS

CALC: 20.30 − 11.45 = 8.55 x 0.163 = 1.39 x 3 = 4.18 GAL.

FLOW: 18 x 4 = 72 ÷ 60 = 1.2 x 4.18 = 5.02 MIN.

ACTUAL: 11.00 ÷ 1.2 = 9.17 GAL.

SAMPLE TIME: 1120

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
02/23/06	BEN RAMSEAUAN	Ben Ramseauan	PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

SEVERN STL®

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Site No.:

Sample Point: MWB32D (Sample ID)

This Waste Management Field Information Form is Required. This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
022306	1015	0012	21	90	4.3

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below:

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other:

Filter Device: Y or (N) — 0.45 µ or ____ µ (circle or fill in)

Filter Type: —

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene

A-In-line Disposable, B-Pressure, C-Vacuum, X-Other ____ X-Other: ____

WELL DATA

Well Elevation (at TOC)	Depth to Water (DTW) (from TOC)	Groundwater Elevation (site datum, from TOC)
1249.3 (ft/msl)	89.3 (ft)	1160.0 (ft/msl)

Total Well Depth (from TOC)	Stick Up (from ground elevation)	Casing ID	Casing Material
108.81 (ft)	(ft)	2 (in)	PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit		pH (std)		Conductance (SC/EC) (µmhos/cm @ 25 °C)		Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
	gpm										
1012	7.5	1st	5.81	1st	1138		20.9	11.96	0.9		
1014	7.5	2nd	5.87	2nd	1140		20.7	11.83	0.8		
1016	7.5	3rd	5.89	3rd	1140		20.7	11.51	0.8		
		4th		4th							
Suggested range for 3 consec. readings or note Permit/State requirements:			+/- 0.2		+/- 3%		--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
022306	5.89	1140	20.7	11.51	0.8		

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: CLOUDY Odor: NONE Color: WHITE TINT Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: CALM Outlook: CLOUDY 80°F Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required): PURGE WATER SET @ 96.00 FT.

CALC: 108.81 - 96.00 = 12.81 X 0.163 = 2.09 X 3 = 6.26 GAL.

FLOW: 20 X 4 = 80 ÷ 60 = 1.33 X 6.26 = 8.32 MIN.

ACTUAL: 12.00 ÷ 1.33 = 9.02 GAL.

SAMPLE TIME: 1027

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
02/23/06	BEN RAMSEUR	Ben Ramseur	PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - [illegible] Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

SEVERN TRENT STL®

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Site No.:

Sample Point: MWB32T (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
022306	0937	0028	91	289	32

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: Y or N

Filter Device: Y or N 0.45 µ or ____ µ (circle or fill in)

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other:

Filter Type: — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): 12479 (ft/msl)

Depth to Water (DTW) (from TOC): 862 (ft)

Groundwater Elevation (site datum, from TOC): 11617 (ft/msl)

Total Well Depth (from TOC): 6456 (ft)

Stick Up (from ground elevation): ____ (ft)

Casing ID: 2 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit gpm		pH (std)		Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
0958	1.1	1st	537	1st	37	210	2426	11		
1000	1.1	2nd	536	2nd	38	210	2404	10		
1002	1.1	3rd	531	3rd	37	208	2361	09		
		4th		4th						
Suggested range for 3 consec. readings or note Permit/State requirements:			+/- 0.2		+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
022306	531	37	208	2361	09		

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: CLOUDY — Odor: NONE — Color: WHITE TINT — Other: NO Sheen

Weather Conditions (required daily, or as conditions change): Direction/Speed: CALM — Outlook: CLOUDY 80°F — Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required):

CALC: 64.56 − 8.62 = 55.94 × 0.163 = 9.12 × 3 = 27.35 GAL.

FLOW: 14 × 4 = 56 ÷ 60 = 0.933 × 27.35 = 25.53 MIN.

ACTUAL: 27.00 ÷ 0.933 = 28.93 GAL.

SAMPLE TIME: 1004

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
02/23/06	BEN RAMNEAWAN	Ben Ramneawan	PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Sample with Sample YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

SEVERN TRENT STL®

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Site No.:

Sample Point: EB (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
02/23/06					

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Purging Device: —
Sampling Device: X
X-Other: Sample Bottle

A- Submersible Pump
B-Peristaltic Pump
C-QED Bladder Pump
D-Bailer
E-Piston Pump
F-Dipper/Bottle

Filter Device: Y or (N) 0.45 µ or ____ µ (circle or fill in)

Filter Type: A-In-line Disposable B-Pressure C-Vacuum X-Other ____

Sample Tube Type: A-Teflon B-Stainless Steel C-PVC D-Polypropylene X-Other: ____

WELL DATA

Well Elevation (at TOC)	Depth to Water (DTW) (from TOC)	Groundwater Elevation (site datum, from TOC)
(ft/msl)	(ft)	(ft/msl)

Total Well Depth (from TOC)	Stick Up (from ground elevation)	Casing ID	Casing Material
(ft)	(ft)	(in)	

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1325	NA	6.93	2	2.09	.01	6.2		
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
02/23/06	6.93	2	2.09	.01	6.2		

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: CLEAR Odor: NONE Color: NONE Other: NO Sheen

Weather Conditions (required daily, or as conditions change): Direction/Speed: SE 0-5 Outlook: cloudy Precipitation: (Y) or N

Specific Comments (including purge/well volume calculations if required): ____

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
2/23/06	DAN ARMOUR		Pro-Tech

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

SEVERN STL®

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Sample Point: FB (Sample ID)

This Waste Management Field Information Form is Required. This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: _____

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
02/23/06					

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Filter Device: Y or (N) 0.45 µ or _____ µ (circle or fill in)

Purging Device: —

Sampling Device: X

A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

X-Other: Sample Bottle

Filter Type: A-In-line Disposable, B-Pressure, C-Vacuum, X-Other _____

Sample Tube Type: A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: _____

WELL DATA

Well Elevation (at TOC) (ft/msl)	Depth to Water (DTW) (from TOC) (ft)	Groundwater Elevation (site datum, from TOC) (ft/msl)

Total Well Depth (from TOC) (ft)	Stick Up (from ground elevation) (ft)	Casing ID (in)	Casing Material

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1315	NA	1st 6.89	1st 2	2.08	01	6.1		
		2nd	2nd					
		3rd	3rd					
		4th	4th					
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
02/23/06	6.89	2	2.08	01	6.1		

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

Sample Appearance: CLEAR Odor: NONE Color: NONE Other: NO sheen

Weather Conditions (required daily, or as conditions change): Direction/Speed: SE 0-5 Outlook: cloudy Precipitation: (Y) or N

Specific Comments (including purge/well volume calculations if required): _____

FIELD COMMENTS

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
2/23/06	DAN ARMOUR		PRO-TECH
/ /			

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

Serial Number 30285

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN TRENT **STL**

STL Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634
Website: www.stl-inc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
CITY OF JACKSONVILLE		
SAMPLER'S SIGNATURE	P.O. NUMBER	CONTRACT NO.
CLIENT (SITE) PM: AL BURSON	CLIENT PHONE: 904 289 7792	CLIENT FAX
CLIENT NAME: TRAIL RIDGE	CLIENT E-MAIL	
CLIENT ADDRESS: 5110 HWY 301 BALDWIN, FL 32234		
COMPANY CONTRACTING THIS WORK (if applicable)		

PAGE 1 OF 2

STANDARD REPORT DELIVERY ☒
DATE DUE
EXPEDITED REPORT DELIVERY (SURCHARGE) ○
DATE DUE
NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

MATRIX TYPE: COMPOSITE (C) OR GRAB (G) INDICATE; AQUEOUS (WATER); SOLID OR SEMISOLID; AIR; NONAQUEOUS LIQUID (OIL, SOLVENT,...)

REQUIRED ANALYSIS / NUMBER OF CONTAINERS SUBMITTED

PRESERVATIVE

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT,...)	TDS, NO3, Cl (None)	EDB (HCl)	8260 App I (HCl)	Metals-Total (HNO3)	NH3 (H2SO4)						REMARKS
2-22	0836	MWB19D	G	X				1	3	3	1	1						
2-22	0915	MWB19I	G	X				1	3	3	1	1						
2-22	0934	MWB19S	G	X				1	3	3	1	1						
2-22	1015	MWB12I	G	X				1	3	3	1	1						
2-22	1032	MWB12D	G	X				1	3	3	1	1						
2-22	1048	MWB12S	G	X				1	3	3	1	1						
2-22	1107	MWB22S	G	X				1	3	3	1	1						
2-22	1146	MWB27I	G	X				1	3	3	1	1						
2-22	1146	DUPØ1	G	X				1	3	3	1	1						
2-22	1213	MWB27D	G	X				1	3	3	1	1						
2-22	1232	MWB27S	G	X				1	3	3	1	1						
2-22	1320	MWB29I	G	X				1	3	3	1	1						

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS	2/15/06	1500		2-22-06	1830			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS								

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	STL TAMPA LOG NO.	LABORATORY REMARKS
	2/23/06	941	YES ○ NO ○		7389	5, 5° Fed Ex 48 quarts

SEVERN TRENT STL®

8240-660 (12/02)

Serial Number 30284

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN TRENT **STL**

STL Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634
Website: www.stl-inc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
CITY OF JACKSONVILLE		
SAMPLER'S SIGNATURE	P.O. NUMBER	CONTRACT NO.
CLIENT (SITE) PM: AL BURSEN	CLIENT PHONE: 904 289 7792	CLIENT FAX
CLIENT NAME: TRAIL RIDGE	CLIENT E-MAIL	
CLIENT ADDRESS: 5110 HWY 301 BALDWIN FL 32234		
COMPANY CONTRACTING THIS WORK (if applicable)		

PAGE 2 OF 2

STANDARD REPORT DELIVERY ☒
DATE DUE
EXPEDITED REPORT DELIVERY (SURCHARGE) ○
DATE DUE
NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

MATRIX TYPE: COMPOSITE (C) OR GRAB (G) INDICATE; AQUEOUS (WATER); SOLID OR SEMISOLID; AIR; NONAQUEOUS LIQUID (OIL, SOLVENT,...)

REQUIRED ANALYSIS / NUMBER OF CONTAINERS SUBMITTED

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT,...)	TDS, NO3, Cl (NONE)	EDB (HCl)	8260 App I (HCl)	Metals - Total (HNO3)	NH3 (H2SO4)						REMARKS
2-22	1336	MWB29D	G	X				1	3	3	1	1						
2-22	1355	MWB29S	G	X				1	3	3	1	1						
2-22	1431	MWB2I	G	X				1	3	3	1	1						
2-22	1517	MWB2S	G	X				1	3	3	1	1						
2-22	—	TRIP	G	X					2	2								

PRESERVATIVE

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS	2/15/06	1502		2-22-06	1830			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS								

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	STL TAMPA LOG NO.	LABORATORY REMARKS
	2/23/06	941	YES ○ NO ○		7387	5° 5° Fed Ex 48 Quarts

SEVERN TRENT STL®

0-660 (12/02)

SEVERN TRENT STL®

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Site No.:

Sample Point: MW325 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
02/22/06	1505	1:12	19	90	4.8

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Purging Device: C

Sampling Device: C

A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

X-Other:

Filter Device: Y or (N) — 0.45 µ or _____ µ (circle or fill in)

Filter Type: —

A-In-line Disposable, B-Pressure, C-Vacuum, X-Other: _____

Sample Tube Type: A

A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: _____

WELL DATA

Well Elevation (at TOC)	Depth to Water (DTW) (from TOC)	Groundwater Elevation (site datum, from TOC)
1466.64 (ft/msl)	8.61 (ft)	1380.3 (ft/msl)

Total Well Depth (from TOC)	Stick Up (from ground elevation)	Casing ID	Casing Material
20.00 (ft)	(ft)	2 (in)	PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by State/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1512	0.75 1st	4.43 1st	610 1st	18.3 1st	107 1st	2.2		
1514	0.75 2nd	4.44 2nd	556 2nd	18.3 2nd	103 2nd	2.3		
1516	0.75 3rd	4.48 3rd	555 3rd	18.3 3rd	100 3rd	2.3		
	4th	4th	4th					
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	–	–	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional (i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: _____ Units _____
02/22/06	4.48	555	18.3	100	2.3		

Final Field Readings are required (i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.

FIELD COMMENTS

Sample Appearance: CLEAR Odor: SLIGHT Color: BROWN tint Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: CALM Outlook: clear 70°F Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

CALC: 20.00 - 8.61 = 11.39 x 0.163 = 1.86 x 3 = 5.57

FLOW: 20 x 4 = 80 ÷ 60 = 1.33 x 5.57 = 7.43

ACTUAL: 12 ÷ 1.33 = 9.02

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
2/22/06	DAN ARMOUR		PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

SEVERN TRENT STL®

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Sample Point: MW82I (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
02/22/06	1402	2:9	8.4	29.0	3.5

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N — Filter Device: Y or (N) — 0.45 µ or _____ µ (circle or fill in)

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other: _____

Filter Type: — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other _____

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: _____

WELL DATA

Well Elevation (at TOC)	Depth to Water (DTW) (from TOC)	Groundwater Elevation (site datum, from TOC)	Total Well Depth (from TOC)	Stick Up (from ground elevation)	Casing ID	Casing Material
1453 (ft/msl)	9.98 (ft)	1352.5 (ft/msl)	61.50 (ft)	(ft)	2 (in)	PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit gpm	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25°C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1426	1.0 1st	4.85 1st	38 1st	21.3	12	1.1		
1428	1.0 2nd	4.82 2nd	38 2nd	21.3	10	1.1		
1430	1.0 3rd	4.83 3rd	38 3rd	21.3	10	1.1		
	4th	4th						
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional (i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: _____ Units _____
02/22/06	4.83	38	21.3	10	1.1		

Final Field Readings are required (i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.

FIELD COMMENTS

Sample Appearance: CLEAR — Odor: NONE — Color: NONE — Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: CALM — Outlook: CLR 70°F — Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

CALC: 61.50 - 9.98 = 51.52 x 0.163 = 8.40 x 3 = 25.19

FLOW: 15x4 = 60÷60 = 1 x 25.19 = 25.19

ACTUAL: 29÷1 = 29.0

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
2/22/06	DAN ARMOUR		PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

SEVERN TRENT STL®

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Site No.:

Sample Point: MW B295 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
02/22/06	1343	1:12	11.9	9.5	4.9

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Purging Device: C

Sampling Device: C

A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

X-Other:

Filter Device: Y or (N) 0.45 µ or _____ µ (circle or fill in)

Filter Type: —

A-In-line Disposable, B-Pressure, C-Vacuum, X-Other _____

Sample Tube Type: A

A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: _____

WELL DATA

Well Elevation (at TOC): 1380.2 (ft/msl)

Depth to Water (DTW) (from TOC): 8.16 (ft)

Groundwater Elevation (site datum, from TOC): 1291.86 (ft/msl)

Total Well Depth (from TOC): 20.00 (ft)

Stick Up (from ground elevation): _____ (ft)

Casing ID: 2 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by State/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit (gpm)		pH (std)		Conductance (SC/EC) (µmhos/cm @ 25 °C)		Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1350	0.18	1st	4.59	1st	414		16.6	2.1	1.5		
1352	0.18	2nd	4.56	2nd	414		16.6	1.7	1.6		
1354	0.18	3rd	4.62	3rd	414		16.6	1.5	1.5		
		4th		4th							
Suggested range for 3 consec. readings or note Permit/State requirements:			+/- 0.2		+/- 3%		--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: _____ Units _____
02/22/06	4.62	414	16.6	1.5	1.5		

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

Sample Appearance: CLEAR Odor: Very Slight Color: NONE Other: NO Sheen

Weather Conditions (required daily, or as conditions change): Direction/Speed: CALM Outlook: CLEAR 70°F Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

FIELD COMMENTS

CALC: 20.00 − 8.16 = 11.84 × 0.163 = 1.93 × 3 = 5.79

FLOW: 19.4 = 76 ÷ 60 = 1.267 × 5.79 = 7.33

ACTUAL: 12 ÷ 1.267 = 9.5

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
2/22/06	DAN ARMOUR		PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

SEVERN TRENT STL®

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Site No.:

Sample Point: MW829D (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
02/22/06	1325	1:11	15	83	5.6

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Filter Device: Y or (N) 0.45 µ or _____ µ (circle or fill in)

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

X-Other:

Filter Type: - — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC)	Depth to Water (DTW) (from TOC)	Groundwater Elevation (site datum, from TOC)	Total Well Depth (from TOC)	Stick Up (from ground elevation)	Casing ID	Casing Material
1318 (ft/msl)	658 (ft)	1316.0 (ft/msl)	1150 (ft)	(ft)	2 (in)	PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit		pH (std)		Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1331	0.75	1st	5.74	1st	165	20.0	1.6	10.9		
1333	0.75	2nd	5.70	2nd	166	20.1	1.4	10.9		
1335	0.75	3rd	5.68	3rd	166	20.0	1.3	10.9		
		4th		4th						
Suggested range for 3 consec. readings or note Permit/State requirements:			+/- 0.2		+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
02/22/06	5.68	166	20.0	1.3	0.9		

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

Sample Appearance: CLEAR **Odor:** NONE **Color:** NONE **Other:** NO SHEEN

Weather Conditions (required daily, or as conditions change): **Direction/Speed:** CALM **Outlook:** CLR 70'F **Precipitation:** Y or (N)

Specific Comments (including purge/well volume calculations if required): Purge Mistset @ 101.50 ft.

FIELD COMMENTS

CALC: 110.50 - 101.50 = 9.00 x 0.163 = 1.467 x 3 = 4.40

FLOW: 20 x 4 = 80 ÷ 60 = 1.33 x 4.40 = 5.867

ACTUAL: 11 ÷ 1.33 = 8.3

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
2/22/06	DAN ARMOUR		PRO TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

SEVERN TRENT STL®

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Site No.: ____ Sample Point: MW829I (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: ____

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
022206	1250	130	93	32.2	3.5

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N — Filter Device: Y or (N) — 0.45 µ or ____ µ (circle or fill in)

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

Filter Type: — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other ____

X-Other: ____

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: ____

WELL DATA

Well Elevation (at TOC): 1380.8 (ft/msl) — Depth to Water (DTW) (from TOC): 64.6 (ft) — Groundwater Elevation (site datum, from TOC): 1316.2 (ft/msl)

Total Well Depth (from TOC): 635.0 (ft) — Stick Up (from ground elevation): ____ (ft) — Casing ID: 2 (in) — Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1315	1.1 gpm	1st 5.18	1st 441	212	133	1.0		
1317	1.1 2nd	5.15 2nd	441	212	131	1.0		
1319	1.1 3rd	5.12 3rd	441	212	133	1.0		
	4th	4th						
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
022206	5.12	441	212	133	1.0		

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

Sample Appearance: CLEAR — Odor: SLIGHT — Color: NONE — Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: CALM — Outlook: CLR 20°F — Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

FIELD COMMENTS

CALC: 63.50 - 6.46 = 57.04 x 0.163 = 9.29 x 3 = 27.89

FLOW: 14 x 4 = 56 ÷ 60 = 0.933 x 27.89 = 26.03

ACTUAL: 30 ÷ 0.933 = 32.2

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
2/22/06	DAN ARMOUR		PRO. TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample. YELLOW - Returned to Client. PINK - Field Copy

STL-8029WM R: 12/00

SEVERN TRENT STL®

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Sample Point: MW8275 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
022206	1220	1:12	14	9.5	6

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Filter Device: Y or (N) 0.45 µ or _____ µ (circle or fill in)

Purging Device: C
Sampling Device: C
A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle
X-Other:

Filter Type: —
A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A
A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC)	Depth to Water (DTW) (from TOC)	Groundwater Elevation (site datum, from TOC)
1284.2 (ft/msl)	6.74 (ft)	1217.68 (ft/msl)

Total Well Depth (from TOC)	Stick Up (from ground elevation)	Casing ID	Casing Material
15.50 (ft)	(ft)	2 (in)	PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1227	0.8 1st	4.75 1st	511	18.3	9.2	1.4		
1229	0.8 2nd	4.74 2nd	511	18.3	9.4	1.3		
1231	0.8 3rd	4.73 3rd	511	18.3	9.2	1.3		
	4th	4th						
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	–	–	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional (i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (µmhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: _____ Units _____
022206	4.73	511	18.3	9.2	1.3		

Final Field Readings are required (i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.

Sample Appearance: CLEAR Odor: NONE Color: NONE Other: NO Sheen

Weather Conditions (required daily, or as conditions change): Direction/Speed: CALM Outlook: clear 65°F Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

FIELD COMMENTS

CALC: 15.50 − 6.74 = 8.76 × 0.163 = 1.43 × 3 = 4.28

FLOW: 19 × 4 = 76 ÷ 60 = 1.267 × 4.28 = 5.42

ACTUAL: 12 ÷ 1.267 = 9.5

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
2/22/06	DAN ARMOUR		PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

SEVERN TRENT STL®

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Site No.:

Sample Point: MW8270 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
02/22/06	1153	121	33	12.1	3.7

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Purging Device: C

Sampling Device: C

A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

X-Other:

Filter Device: Y or (N) 0.45 µ or _____ µ (circle or fill in)

Filter Type: -

A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A

A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): 1288.8 (ft/msl)

Depth to Water (DTW) (from TOC): 71.0 (ft)

Groundwater Elevation (site datum, from TOC): 1217.8 (ft/msl)

Total Well Depth (from TOC): 110.00 (ft)

Stick Up (from ground elevation): _____ (ft)

Casing ID: 2 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id. etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1208	0.58 1st	5.87 1st	85 1st	19.7	0.9	1.2		
1210	0.58 2nd	5.85 2nd	86 2nd	19.7	0.8	1.1		
1212	0.58 3rd	5.83 3rd	89 3rd	19.7	0.8	1.1		
	4th	4th	4th					
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: _____ Units _____
02/22/06	5.83	89	19.7	0.8	1.1		

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

Sample Appearance: CLEAR Odor: NONE Color: NONE Other: No Sheen

Weather Conditions (required daily, or as conditions change): Direction/Speed: CALM Outlook: Clear 65°F Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required): Purge Mins at @ 90.00 ft.

FIELD COMMENTS

CALC: 110.00 - 90.00 = 20.00 x 0.163 = 3.26 x 3 = 9.78

FLOW: 26 x 4 = 104 ÷ 60 = 1.73 x 9.78 = 16.95

ACTUAL: 21 ÷ 1.73 = 12.1

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
2/22/06	DAN ARMOUR		Pro-Tech

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

SEVERN TRENT STL®

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Site No.:

Sample Point: MW827I (Sample ID)

This Waste Management Field Information Form is Required. This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
02/22/06	1117	12:9	9.1	31.1	3.4

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Filter Device: Y or (N) 0.45 µ or _____ µ (circle or fill in)

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other:

Filter Type: — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC)	Depth to Water (DTW) (from TOC)	Groundwater Elevation (site datum, from TOC)
1286.3 (ft/msl)	6.73 (ft)	1219.0 (ft/msl)

Total Well Depth (from TOC)	Stick Up (from ground elevation)	Casing ID	Casing Material
625.6 (ft)	(ft)	2 (in)	PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1134	1.1	1st 5.59	1st 580	20.6	10.8	1.2		
1143	1.1	2nd 5.60	2nd 5.8	20.6	10.8	1.1		
1145	1.1	3rd 5.58	3rd 5.8	20.6	10.2	1.1		
		4th	4th					
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: _____ Units _____
02/22/06	5.58	5.8	20.6	10.2	1.1		

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

Sample Appearance: CLEAR Odor: NONE Color: NONE Other: NO sheen

Weather Conditions (required daily, or as conditions change): Direction/Speed: CALM Outlook: P.C. 65°F Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

FIELD COMMENTS

CALC: 62.50 - 6.73 = 55.77 x 0.163 = 9.09 x 3 = 27.3

FLOW: 14 x 4 = 56 ÷ 60 = 0.933 x 27.3 = 25.48

ACTUAL: 29 ÷ 0.933 = 31.1

Completed DUP01 @ MW827I

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
2/22/06	DAN ARMOUR		Pro-Tech
/ /			

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

SEVERN TRENT STL®

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Site No.:

Sample Point: MW822S (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
022206	1054	1:13	23	108	4.5

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Purging Device: C — Sampling Device: C

A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

X-Other:

Filter Device: Y or (N) — 0.45 µ or ____ µ (circle or fill in)

Filter Type: —

A-In-line Disposable, B-Pressure, C-Vacuum, X-Other ____

Sample Tube Type: A

A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: ____

WELL DATA

Well Elevation (at TOC)	Depth to Water (DTW) (from TOC)	Groundwater Elevation (site datum, from TOC)
12697 (ft/msl)	1209 (ft)	11488 (ft/msl)

Total Well Depth (from TOC)	Stick Up (from ground elevation)	Casing ID	Casing Material
2600 (ft)	(ft)	2 (in)	PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit: 3pm	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1102	0.8 1st	5.95 1st	1236 1st	19.2	4.7	1.9		
1104	0.8 2nd	5.87 2nd	1229 2nd	19.2	5.1	1.9		
1106	0.8 3rd	5.86 3rd	1227 3rd	19.2	4.9	1.9		
	4th	4th						
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
022206	5.86	2227	19.2	4.9	1.9		

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

Sample Appearance: CLEAR Odor: NONE Color: NONE Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: P.C. 60°F Outlook: CALM Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

FIELD COMMENTS

CALC: 26.00 - 12.09 = 13.91 x 0.163 = 2.27 x 3 = 6.80

FLOW: 18 x 4 = 72 ÷ 60 = 1.2 x 6.80 = 8.16

ACTUAL: 13 ÷ 1.2 = 10.83

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
2/22/06	DAN ARMOUR		PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

SEVERN TRENT STL®

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: TRAILRIDGE

Site No.:

Sample Point: MW B 1 2 S (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
	1036	1:12	23	106	9.6

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other:

Filter Device: Y or (N) 0.45 µ or ____ µ (circle or fill in)

Filter Type: — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other ____

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: ____

WELL DATA

Well Elevation (at TOC): 1246.3 (ft/msl)

Depth to Water (DTW) (from TOC): 10.42 (ft)

Groundwater Elevation (site datum, from TOC): 1135.21 (ft/msl)

Total Well Depth (from TOC): 24.50 (ft)

Stick Up (from ground elevation): ____ (ft)

Casing ID: 2 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit gpm	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1043	0.88 1st	5.57 1st	1120	20.3	233	2.7		
1045	0.88 2nd	5.58 2nd	1123	20.3	198	2.7		
1049	0.88 3rd	5.59 3rd	1125	20.3	196	2.6		
	4th	4th						
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
02/22/06	5.59	125	20.3	196	2.6		

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

Sample Appearance: SLT. CLOUDY Odor: NONE Color: BROWN Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: CALM Outlook: CLOUDY 60's Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

FIELD COMMENTS

CALC: 24.50 - 10.42 = 14.08 x 0.163 = 2.30 x 3 = 6.89

FLOW: 17 x 4 = 68 ÷ 60 = 1.133 x 6.89 = 7.81

ACTUAL: 12 ÷ 1.133 = 10.6

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
2/22/06	DAN ARMOUR		PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

SEVERN TRENT STL®

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Site No.:

Sample Point: MW812D (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
02/22/06	1019	1:13	24	10.3	4.3

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other:

Filter Device: Y or (N) — 0.45 µ or _____ µ (circle or fill in)

Filter Type: — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): 1256 (ft/msl)

Depth to Water (DTW) (from TOC): 53.0 (ft)

Groundwater Elevation (site datum, from TOC): 1192.6 (ft/msl)

Total Well Depth (from TOC): 1120.0 (ft)

Stick Up (from ground elevation): _____ (ft)

Casing ID: 2 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by State/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit (gpm)	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1029	0.8 1st	7.14 1st	3.93 1st	22.0	0.6	0.8		
1029	0.8 2nd	7.15 2nd	3.94 2nd	22.0	0.9	0.8		
1031	0.8 3rd	7.18 3rd	3.94 3rd	22.0	0.8	0.8		
	4th	4th						
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: _____ Units
02/22/06	7.18	394	22.0	0.8	0.8		

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

Sample Appearance: CLEAR Odor: NONE Color: NONE Other NO sheen

Weather Conditions (required daily, or as conditions change): Direction/Speed: CALM Outlook: cloudy 60°F Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required): Purge Mish set @ 97.50 ft.

FIELD COMMENTS

CALC: 112.00 - 97.50 = 14.50 x 0.163 = 2.36 x 3 = 7.09

FLOW: 19 x 4 = 76 ÷ 60 = 1.267 x 7.09 = 8.98

ACTUAL: 13 ÷ 1.269 = 10.26

I certify that sampling procedures were in accordance with applicable EPA, State and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
2/22/06	DAN ARMOUR		PRO-TECH
/ /			

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

SEVERN TRENT STL®

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Site No.:

Sample Point: MWB 12I (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
022206	0942	33	104	354	34

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Filter Device: Y or (N) 0.45 µ or ____ µ (circle or fill in)

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other:

Filter Type: – — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): 12462 (ft/msl)

Depth to Water (DTW) (from TOC): 780 (ft)

Groundwater Elevation (site datum, from TOC): ____ (ft/msl)

Total Well Depth (from TOC): 7150 (ft)

Stick Up (from ground elevation): ____ (ft)

Casing ID: 2 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit (gpm)		pH (std)		Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1010	1.1	1st	541	1st	42	228	55	09		
1012	1.1	2nd	536	2nd	41	228	42	09		
1014	1.1	3rd	533	3rd	41	228	44	09		
		4th		4th						
Suggested range for 3 consec. readings or note Permit/State requirements:			+/- 0.2		+/- 3%	–	–	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
022206	533	41	228	44	09		

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: CLEAR — Odor: ODOR — Color: None — Other: No Sheen

Weather Conditions (required daily, or as conditions change): Direction/Speed: Calm — Outlook: cloudy 60°F — Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

CALC: 71.50 - 7.80 = 63.70 x 0.163 = 10.38 x 3 = 31.15

FLOW: 14 x 4 = 56 ÷ 60 = 0.933 x 31.15 = 29.07

ACTUAL: 33 ÷ 0.933 = 35.39

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
2/22/06	DAN ARMOR	[signature]	Protocol

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

SEVERN TRENT STL®

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Sample Point: MW195 (Sample ID)

This Waste Management Field Information Form is Required. This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hr:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
02/22/06	0921	1:13	22	9.8	4.5

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Purging Device: C — Sampling Device: C

A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

X-Other:

Filter Device: Y or (N) — 0.45 µ or ____ µ (circle or fill in)

Filter Type: —

A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A

A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): 1273.8 (ft/msl)

Depth to Water (DTW) (from TOC): 6.56 (ft)

Groundwater Elevation (site datum, from TOC): 1208.2 (ft/msl)

Total Well Depth (from TOC): 20.00 (ft)

Stick Up (from ground elevation): ____ (ft)

Casing ID: 2 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
0919	0.75 1st	5.27 1st	1107 1st	20.9	114	1.3		
0923	0.75 2nd	5.28 2nd	1106 2nd	20.9	104	1.3		
0933	0.75 3rd	5.29 3rd	1106 3rd	20.9	101	1.3		
	4th	4th						
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
02/22/06	5.29	1106	20.9	101	1.3		

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

Sample Appearance: CLEAR — Odor: ODOR — Color: Brown tint — Other: No Sheen

Weather Conditions (required daily, or as conditions change): Direction/Speed: CALM — Outlook: Cloudy, 60°F — Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

FIELD COMMENTS

CALC: 20.00 - 6.56 = 13.44 x 0.163 = 2.19 x 3 = 6.57

FLOW: 20 x 4 = 80 ÷ 60 = 1.33 x 6.57 = 8.76

ACTUAL: 13 ÷ 1.33 = 9.8

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
2/22/06	DAN ARMOUR		PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

SEVERN TRENT STL®

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Sample Point: MW81 9I (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
02/22/06	0843	3:2	84	283	3 4

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N — Filter Device: Y or (N) — 0.45 µ or ____ µ (circle or fill in)

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other:

Filter Type: - — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other ____

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: ____

WELL DATA

Well Elevation (at TOC): 1279.4 (ft/msl) — Depth to Water (DTW) (from TOC): 729 (ft) — Groundwater Elevation (site datum, from TOC): 1206.5 (ft/msl)

Total Well Depth (from TOC): 590.0 (ft) — Stick Up (from ground elevation): ____ (ft) — Casing ID: 2 (in) — Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id. etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
0910	0.88 1st	5.21 1st	1.41 1st	22.0	26.7	1.1		
0912	0.88 2nd	5.18 2nd	1.40 2nd	22.0	27.2	1.1		
0914	0.88 3rd	5.15 3rd	1.40 3rd	22.1	27.3	1.1		
		4th	4th					
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	-	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional (i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
02/22/06	5.15	1.40	22.1	27.3	1.1		

Final Field Readings are required (i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.

Sample Appearance: SLT. CLOUDY — Odor: NONE — Color: LT. TAN / WHITISH — Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): — Direction/Speed: CALM — Outlook: CLOUDY 60'F — Precipitation: Y or (ND)

Specific Comments (including purge/well volume calculations if required):

FIELD COMMENTS

CALC: 59.00 - 7.29 = 51.71 x 0.163 = 8.43 x 3 = 25.29

FLOW: 17 x 4 = 68 ÷ 60 = 1.13 x 25.29 = 28.66

ACTUAL: 32 ÷ 1.13 = 28.32

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
2/22/06	DAN ARMOUR		ARCADIS

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

SEVERN TRENT STL®

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Sample Point: MW-19D (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
02/22/06	0728	1:08	177	602	3.4

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Filter Device: Y or (N) 0.45 µ or _____ µ (circle or fill in)

Purging Device: C
A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

Filter Type: –
A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

X-Other:

Sample Tube Type: A
A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC)	Depth to Water (DTW) (from TOC)	Groundwater Elevation (site datum, from TOC)	Total Well Depth (from TOC)	Stick Up (from ground elevation)	Casing ID	Casing Material
1283 (ft/msl)	70.2 (ft)	1212.1 (ft/msl)	1550 (ft)	(ft)	2 (in)	PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit gpm	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
0831	0.88 1st	7.25 1st	3712 1st	21.6 1st	128 1st	0.9 1st		
0833	0.88 2nd	7.25 2nd	3712 2nd	21.6 2nd	131 2nd	0.8 2nd		
0835	0.88 3rd	7.26 3rd	3711 3rd	21.6 3rd	127 3rd	0.8 3rd		
	4th	4th	4th					
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional (i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
02/22/06	7.26	3711	21.6	127			

Final Field Readings are required (i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.

Sample Appearance: CLEAR Odor: NONE Color: NONE Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: CALM Outlook: cloudy 60°F Precipitation: Y or (N)

FIELD COMMENTS

Specific Comments (including purge/well volume calculations if required):

CALC: 115.50 - ~~5.73~~ 7.02 = 108.48 x 0.163 = 17.68 x 3 = 53.05

FLOW: 17.24 = 68 ÷ 60 = 1.13 x 53.05 = 60.12

ACTUAL: 68 ÷ 1.13 = 60.2

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
2/22/06	DAN ARMOUR		PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

Serial Number 30288

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN TRENT **STL**

STL Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634

Website: www.stl-inc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
~~STL TAMPA~~ JAX		FL
SAMPLER'S SIGNATURE	P.O. NUMBER	CONTRACT NO.
CLIENT (SITE) PM ~~NANCY ROBERTSON~~ AL BURSEN	CLIENT PHONE	CLIENT FAX
CLIENT NAME: TRAIL RIDGE	CLIENT E-MAIL	
CLIENT ADDRESS: 5110 HWY 301 BALDWIN, FL		
COMPANY CONTRACTING THIS WORK (if applicable)		

PAGE 1 OF 1

STANDARD REPORT DELIVERY ⊗
DATE DUE _____
EXPEDITED REPORT DELIVERY (SURCHARGE) ○
DATE DUE _____
NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT,...)	REQUIRED ANALYSIS: TP, NH3, TKN, TN (H2SO4)	COD (H2SO4)	Metals, Hardness (HNO3)	TOC (H2SO4)	8260 App IX (HCl)	EDB (HCl)	TDS, TSS, NO2, NO3 (None)	BOD (None)	Thallium (HNO3)	REMARKS
2-24	0730	SW-1	G	X				1	1	1	1	3	3	1	1	1	NOTE: FECAL COLIFORM & CHLOROPHYLL-A TO BE HAND DELIVERED TO SUB-CONTRACT LAB - AEL
2-24	0800	SW-2	G	X													
2-24	—	TRIP	G	X													

NUMBER OF CONTAINERS SUBMITTED

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	1-15-06	1300	[signature]	2-24-06	1800			
RECEIVED BY: (SIGNATURE) FIFTY CONTAINERS	DATE	TIME	RECEIVED BY: (SIGNATURE) [signature]	DATE 2-25-06	TIME 1030	RECEIVED BY: (SIGNATURE)	DATE	TIME

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT: YES ○ NO ○	CUSTODY SEAL NO.	STL TAMPA LOG NO.	LABORATORY REMARKS
[signature]	2-25-06	1030			660-1456	5° FX

STL8240-660 (12/02)

Page 54 of 71

SEVERN TRENT STL®

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Site No.:

Sample Point: SW-1 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
02/24/06					

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Filter Device: Y or (N) 0.45 µ or _____ µ (circle or fill in)

Purging Device: —

Sampling Device: X

X-Other: Sample Bottle

A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Filter Type: A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC)	Depth to Water (DTW) (from TOC)	Groundwater Elevation (site datum, from TOC)
(ft/msl)	(ft)	(ft/msl)

Total Well Depth (from TOC)	Stick Up (from ground elevation)	Casing ID	Casing Material
(ft)	(ft)	(in)	

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
0730	NA	1st 4.59	1st 120	11.7	1.45	4.1		
		2nd	2nd					
		3rd	3rd					
		4th	4th					
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: _____ Units _____
02/24/06	4.59	120	11.7	1.45	4.1		

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: CLEAR Odor: NONE Color: Yellow tint Other: No sheen

Weather Conditions (required daily, or as conditions change): Direction/Speed: CALM Outlook: Clear 45°F Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
2/24/06	DAN ARMOUR		Res. Tech

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

SEVERN TRENT STL®

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Site No.:

Sample Point: SW-2 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
02/24/06					

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Filter Device: Y or (N) 0.45 µ or _____ µ (circle or fill in)

Purging Device: —

Sampling Device: X

A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

X-Other: Sample Bottle

Filter Type: A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC) (ft/msl) | Depth to Water (DTW) (from TOC) (ft) | Groundwater Elevation (site datum, from TOC) (ft/msl)

Total Well Depth (from TOC) (ft) | Stick Up (from ground elevation) (ft) | Casing ID (in) | Casing Material

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
0810	NA	4.35	555	13.7	27	8.6		
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional (i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: _____ Units
02/24/06	4.35	555	13.7	27	8.6		

Final Field Readings are required (i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.

FIELD COMMENTS

Sample Appearance: CLEAR Odor: NONE Color: NONE Other: NO Sheen

Weather Conditions (required daily, or as conditions change): Direction/Speed: CALM Outlook: Clear 45°F Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
2/24/06	DAN ARMOUR		PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

Appendix D

FDEP Semi-Annual Surface Water Parameter Monitoring Report Forms

Facility Name: Trail Ridge Landfill

PARAMETER MONITORING REPORT
Rule 62-701
WACS Report Type: SEMSW
Description: Semiannual Surface Water: 62-701.510(8)(B) (2 Pages)

WACS Facility ID #: 33628
WACS Testsite ID #: 17209
WACS Testsite Name: SW-1
Water Classification: SW-IIIF
(i.e.: LC - Leachate, G-II, SW-IIIF)

Sample Date/Time: 2/24/2006 7:30:00AM
Sampling Method: Unknown
Permitted Well Type: OT

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

* Well Purged prior to Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
000610	Ammonia	N	E84282	350.1	3/1/2006 10:16:00AM	0.04	0.04	mg/L	U
000299	Oxygen, Dissolved	N	E84282	Field Sampling	2/24/2006 7:30:00AM	4.1		mg/L	
000340	Chemical Oxygen Demand	N	E84282	5220C	3/3/2006 8:00:00PM	99	20	mg/L	
000680	Total Organic Carbon	N	E84282	415.1	3/7/2006 2:33:00AM	34	5.3	mg/L	
000310	Biochemical Oxygen Demand	N	E84282	405.1	2/25/2006 12:00:00PM	8.9	2	mg/L	
001002	Arsenic	N	E84282	200.7 Rev 4.4	3/6/2006 3:07:00PM	4.8	4.8	ug/L	U
000665	Phosphorus, Total	N	E84282	365.4	3/3/2006 9:15:00AM	0.017	0.017	mg/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	3/6/2006 3:07:00PM	36	1.2	ug/L	
000620	Nitrate Nitrogen	N	E84282	353.2	2/26/2006 6:45:00AM	1.7	0.01	mg/L	
000612	Unionized Ammonia	N	E84282	UnionizedNH3	3/6/2006 8:08:00AM	0.01	0.01	mg/L	U
000625	Nitrogen, Kjeldahl	N	E84282	351.2	3/2/2006 5:05:00PM	0.83	0.12	mg/L	
034541	1,2-Dichloropropane	N	E84282	8260B	3/7/2006 9:57:00AM	0.52	0.52	ug/L	U
000530	Total Suspended Solids	N	E84282	160.2	2/28/2006 3:42:00PM	51	1	mg/L	
[illegible]300	Total Dissolved Solids	N	E84282	160.1	2/28/2006 2:16:00PM	84	5	mg/L	
[illegible]406	Field pH	N	E84282	Field Sampling	2/24/2006 7:30:00AM	4.59		SU	
001045	Iron	N	E84282	200.7 Rev 4.4	3/6/2006 3:07:00PM	1500	22	ug/L	
071900	Mercury	N	E84282	245.1	3/2/2006 12:09:00PM	0.072	0.072	ug/L	U
001059	Thallium	N	E87052	200.8	3/3/2006 2:05:00AM	0.6	0.25	ug/L	I
001092	Zinc	N	E84282	200.7 Rev 4.4	3/6/2006 3:07:00PM	22	5.9	ug/L	
001087	Vanadium	N	E84282	200.7 Rev 4.4	3/6/2006 3:07:00PM	3.2	2.5	ug/L	I
000630	Nitrate Nitrite Nitrogen	N	E84282	353.2	2/26/2006 6:45:00AM	1.7	0.01	mg/L	
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/8/2006 1:38:00AM	0.003	0.003	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	3/7/2006 9:57:00AM	0.52	0.52	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/7/2006 9:57:00AM	0.63	0.63	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	3/7/2006 9:57:00AM	0.57	0.57	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	3/7/2006 9:57:00AM	0.44	0.44	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	3/7/2006 9:57:00AM	0.15	0.15	ug/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	3/7/2006 9:57:00AM	0.45	0.45	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	3/7/2006 9:57:00AM	0.47	0.47	ug/L	U
034010	Toluene	N	E84282	8260B	3/7/2006 9:57:00AM	0.51	0.51	ug/L	U
000600	Nitrogen, Total	N	E84282	Total Nitrogen	3/6/2006 8:04:00AM	2.5	0.01	mg/L	
077651	Ethylene Dibromide	N	E84282	504.1	3/8/2006 1:38:00AM	0.0088	0.0088	ug/L	U
001097	Antimony	N	E84282	200.7 Rev 4.4	3/6/2006 3:07:00PM	3.6	3.6	ug/L	U
082079	Turbidity	N	E84282	Field Sampling	2/24/2006 7:30:00AM	14.5		NTU	
000094	Specific Conductance	N	E84282	Field Sampling	2/24/2006 7:30:00AM	120		umhos/cm	
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/7/2006 9:57:00AM	0.14	0.14	ug/L	U
032238	Chlorophyll A	N	E82574	SM10200H	2/24/2006 10:00:00AM	10	1	mg/m3	
000010	Field Temperature	N	E84282	Field Sampling	2/24/2006 7:30:00AM	11.7		Degrees C	
031616	Fecal Coliform MF	N	E82574	SM9222D	2/24/2006 12:40:00PM	164	1	cfu/100ml	
077103	2-Hexanone	N	E84282	8260B	3/7/2006 9:57:00AM	4.4	4.4	ug/L	U
000615	Nitrite Nitrogen	N	E84282	353.2	2/26/2006 6:45:00AM	0.01	0.01	mg/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	3/7/2006 9:57:00AM	0.46	0.46	ug/L	U
[illegible]4546	trans-1,2-Dichloroethene	N	E84282	8260B	3/7/2006 9:57:00AM	0.44	0.44	ug/L	U
[illegible]15	Acrylonitrile	N	E84282	8260B	3/7/2006 9:57:00AM	1.2	1.2	ug/L	U

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 17209
WACS Testsite Name: SW-1
Water Classification: SW-IIIF
(C - Leachate, G-II, SW-IIIF)
Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 2/24/2006 7:30:00AM
Sampling Method: Unknown
Permitted Well Type: OT

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
081552	Acetone	N	E84282	8260B	3/7/2006 9:57:00AM	9.9	9.9	ug/L	U
081596	4-Methyl-2-pentanone	N	E84282	8260B	3/7/2006 9:57:00AM	3.8	3.8	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	3/7/2006 9:57:00AM	0.85	0.85	ug/L	U
077128	Styrene	N	E84282	8260B	3/7/2006 9:57:00AM	0.98	0.98	ug/L	U
000900	Hardness as calcium carbonate	N	E84282	2340B	3/7/2006 7:38:00AM	88	3.3	mg/L	
034488	Trichlorofluoromethane	N	E84282	8260B	3/7/2006 9:57:00AM	0.98	0.98	ug/L	U
039180	Trichloroethene	N	E84282	8260B	3/7/2006 9:57:00AM	0.28	0.28	ug/L	U
001077	Silver	N	E84282	200.7 Rev 4.4	3/6/2006 3:07:00PM	1.9	1.9	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	3/7/2006 9:57:00AM	0.14	0.14	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	3/7/2006 9:57:00AM	0.35	0.35	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	3/7/2006 9:57:00AM	0.65	0.65	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	3/7/2006 9:57:00AM	0.34	0.34	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	3/7/2006 9:57:00AM	0.5	0.5	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	3/7/2006 9:57:00AM	4	4	ug/L	U
077596	Methylene bromide	N	E84282	8260B	3/7/2006 9:57:00AM	0.41	0.41	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	3/7/2006 9:57:00AM	8.4	8.4	ug/L	U
077424	Iodomethane	N	E84282	8260B	3/7/2006 9:57:00AM	0.67	0.67	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	3/7/2006 9:57:00AM	0.44	0.44	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/7/2006 9:57:00AM	2.5	2.5	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	3/7/2006 9:57:00AM	0.3	0.3	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	3/7/2006 9:57:00AM	0.52	0.52	ug/L	U
[illegible]051	Lead	N	E84282	200.7 Rev 4.4	3/6/2006 3:07:00PM	1.6	1.6	ug/L	U
[illegible]57	Vinyl acetate	N	E84282	8260B	3/7/2006 9:57:00AM	1.5	1.5	ug/L	U
[illegible]1042	Copper	N	E84282	200.7 Rev 4.4	3/6/2006 3:07:00PM	2.9	2.9	ug/L	U
001037	Cobalt	N	E84282	200.7 Rev 4.4	3/6/2006 3:07:00PM	1.6	1.6	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	3/6/2006 3:07:00PM	2.8	1.7	ug/L	I
001027	Cadmium	N	E84282	200.7 Rev 4.4	3/6/2006 3:07:00PM	0.71	0.71	ug/L	U
001012	Beryllium	N	E84282	200.7 Rev 4.4	3/6/2006 3:07:00PM	0.74	0.74	ug/L	U
078124	Benzene	N	E84282	8260B	3/7/2006 9:57:00AM	0.27	0.27	ug/L	U
032104	Bromoform	N	E84282	8260B	3/7/2006 9:57:00AM	0.58	0.58	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	3/7/2006 9:57:00AM	0.58	0.58	ug/L	U
034418	Chloromethane	N	E84282	8260B	3/7/2006 9:57:00AM	0.64	0.64	ug/L	U
032106	Chloroform	N	E84282	8260B	3/7/2006 9:57:00AM	0.9	0.9	ug/L	U
034311	Chloroethane	N	E84282	8260B	3/7/2006 9:57:00AM	0.8	0.8	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	3/7/2006 9:57:00AM	0.63	0.63	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	3/7/2006 9:57:00AM	0.42	0.42	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	3/7/2006 9:57:00AM	0.14	0.14	ug/L	U
034413	Bromomethane	N	E84282	8260B	3/7/2006 9:57:00AM	0.66	0.66	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	3/7/2006 9:57:00AM	0.34	0.34	ug/L	U
001147	Selenium	N	E84282	200.7 Rev 4.4	3/6/2006 3:07:00PM	5.9	5.9	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	3/6/2006 3:07:00PM	4.7	4.7	ug/L	U

Total Parameters Monitored: 85

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

Facility Name: Trail Ridge Landfill

PARAMETER MONITORING REPORT
Rule 62-701
WACS Report Type: SEMSW
Description: Semiannual Surface Water: 62-701.510(8)(B) (2 Pages)

WACS Facility ID #: 33628
WACS Testsite ID #: 17210
WACS Testsite Name: SW-2
Water Classification: SW-IIIF
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 2/24/2006 8:00:00AM
Sampling Method: Unknown
Permitted Well Type: OT

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
034546	trans-1,2-Dichloroethene	N	E84282	8260B	3/7/2006 10:22:00AM	0.44	0.44	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	3/7/2006 10:22:00AM	0.35	0.35	ug/L	U
001012	Beryllium	N	E84282	200.7 Rev 4.4	3/6/2006 3:12:00PM	0.74	0.74	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	3/6/2006 3:12:00PM	69	1.2	ug/L	
001002	Arsenic	N	E84282	200.7 Rev 4.4	3/6/2006 3:12:00PM	4.8	4.8	ug/L	U
001097	Antimony	N	E84282	200.7 Rev 4.4	3/6/2006 3:12:00PM	3.6	3.6	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	3/6/2006 3:12:00PM	1.7	1.7	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/7/2006 10:22:00AM	0.14	0.14	ug/L	U
001037	Cobalt	N	E84282	200.7 Rev 4.4	3/6/2006 3:12:00PM	1.6	1.6	ug/L	U
077103	2-Hexanone	N	E84282	8260B	3/7/2006 10:22:00AM	4.4	4.4	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	3/7/2006 10:22:00AM	0.52	0.52	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	3/7/2006 10:22:00AM	0.52	0.52	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	3/7/2006 10:22:00AM	0.57	0.57	ug/L	U
[illegible]536	1,2-Dichlorobenzene	N	E84282	8260B	3/7/2006 10:22:00AM	0.44	0.44	ug/L	U
[illegible]443	1,2,3-Trichloropropane	N	E84282	8260B	3/7/2006 10:22:00AM	0.15	0.15	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	3/6/2006 3:12:00PM	4.7	4.7	ug/L	U
001087	Vanadium	N	E84282	200.7 Rev 4.4	3/6/2006 3:12:00PM	3.1	2.5	ug/L	I
000610	Ammonia	N	E84282	350.1	3/1/2006 10:16:00AM	0.04	0.04	mg/L	U
001045	Iron	N	E84282	200.7 Rev 4.4	3/6/2006 3:12:00PM	460	22	ug/L	
032238	Chlorophyll A	N	E82574	SM10200H	2/24/2006 10:00:00AM	1	1	mg/m3	U
000900	Hardness as calcium carbonate	N	E84282	2340B	3/7/2006 7:38:00AM	15	3.3	mg/L	
071900	Mercury	N	E84282	245.1	3/2/2006 12:10:00PM	0.072	0.072	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	3/6/2006 3:12:00PM	0.71	0.71	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	3/6/2006 3:12:00PM	5.9	5.9	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	3/7/2006 10:22:00AM	0.47	0.47	ug/L	U
001077	Silver	N	E84282	200.7 Rev 4.4	3/6/2006 3:12:00PM	1.9	1.9	ug/L	U
001147	Selenium	N	E84282	200.7 Rev 4.4	3/6/2006 3:12:00PM	5.9	5.9	ug/L	U
000340	Chemical Oxygen Demand	N	E84282	5220C	3/3/2006 8:00:00PM	130	20	mg/L	
001051	Lead	N	E84282	200.7 Rev 4.4	3/6/2006 3:12:00PM	1.6	1.6	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	3/7/2006 10:22:00AM	0.34	0.34	ug/L	U
001042	Copper	N	E84282	200.7 Rev 4.4	3/6/2006 3:12:00PM	2.9	2.9	ug/L	U
001059	Thallium	N	E87052	200.8	3/3/2006 2:12:00AM	0.25	0.25	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	3/7/2006 10:22:00AM	0.63	0.63	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	3/7/2006 10:22:00AM	0.44	0.44	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	3/7/2006 10:22:00AM	0.34	0.34	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	3/7/2006 10:22:00AM	0.14	0.14	ug/L	U
081596	4-Methyl-2-pentanone	N	E84282	8260B	3/7/2006 10:22:00AM	3.8	3.8	ug/L	U
034418	Chloromethane	N	E84282	8260B	3/7/2006 10:22:00AM	0.64	0.64	ug/L	U
034501	1,1-Dichloroethene	N	E84282	8260B	3/7/2006 10:22:00AM	0.45	0.45	ug/L	U
034311	Chloroethane	N	E84282	8260B	3/7/2006 10:22:00AM	0.8	0.8	ug/L	U
077596	Methylene bromide	N	E84282	8260B	3/7/2006 10:22:00AM	0.41	0.41	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	3/7/2006 10:22:00AM	0.42	0.42	ug/L	U
[illegible]041	Carbon disulfide	N	E84282	8260B	3/7/2006 10:22:00AM	0.85	0.85	ug/L	U
[illegible]16	Fecal Coliform MF	N	E82574	SM9222D	2/24/2006 12:40:00PM	1265	1	cfu/100ml	

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 17210
WACS Testsite Name: SW-2
Water Classification: SW-IIIF
(LC - Leachate, G-II, SW-IIIF)
Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 2/24/2006 8:00:00AM
Sampling Method: Unknown
Permitted Well Type: OT

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
032104	Bromoform	N	E84282	8260B	3/7/2006 10:22:00AM	0.58	0.58	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	3/7/2006 10:22:00AM	0.58	0.58	ug/L	U
078124	Benzene	N	E84282	8260B	3/7/2006 10:22:00AM	0.27	0.27	ug/L	U
000406	Field pH	N	E84282	Field Sampling	2/24/2006 8:00:00AM	4.35		SU	
000299	Oxygen, Dissolved	N	E84282	Field Sampling	2/24/2006 8:00:00AM	8.6		mg/L	
034699	trans-1,3-Dichloropropene	N	E84282	8260B	3/7/2006 10:22:00AM	0.14	0.14	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	3/7/2006 10:22:00AM	1.2	1.2	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	3/7/2006 10:22:00AM	0.46	0.46	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/7/2006 10:22:00AM	0.63	0.63	ug/L	U
077651	Ethylene Dibromide	N	E84282	504.1	3/8/2006 2:01:00AM	0.0087	0.0087	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/8/2006 2:01:00AM	0.003	0.003	ug/L	U
077424	Iodomethane	N	E84282	8260B	3/7/2006 10:22:00AM	0.67	0.67	ug/L	U
000094	Specific Conductance	N	E84282	Field Sampling	2/24/2006 8:00:00AM	55		umhos/cm	
081595	Methyl Ethyl Ketone	N	E84282	8260B	3/7/2006 10:22:00AM	8.4	8.4	ug/L	U
000010	Field Temperature	N	E84282	Field Sampling	2/24/2006 8:00:00AM	13.7		Degrees C	
034496	1,1-Dichloroethane	N	E84282	8260B	3/7/2006 10:22:00AM	0.52	0.52	ug/L	U
032106	Chloroform	N	E84282	8260B	3/7/2006 10:22:00AM	0.9	0.9	ug/L	U
077128	Styrene	N	E84282	8260B	3/7/2006 10:22:00AM	0.98	0.98	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	3/7/2006 10:22:00AM	4	4	ug/L	U
081552	Acetone	N	E84282	8260B	3/7/2006 10:22:00AM	9.9	9.9	ug/L	U
082079	Turbidity	N	E84282	Field Sampling	2/24/2006 8:00:00AM	2.7		NTU	
[illegible]7093	cis-1,2-Dichloroethene	N	E84282	8260B	3/7/2006 10:22:00AM	0.65	0.65	ug/L	U
[illegible]551	Xylenes, Total	N	E84282	8260B	3/7/2006 10:22:00AM	0.3	0.3	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	3/7/2006 10:22:00AM	0.98	0.98	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	3/7/2006 10:22:00AM	1.5	1.5	ug/L	U
034010	Toluene	N	E84282	8260B	3/7/2006 10:22:00AM	0.51	0.51	ug/L	U
000680	Total Organic Carbon	N	E84282	415.1	3/3/2006 12:27:00PM	12	0.53	mg/L	
000310	Biochemical Oxygen Demand	N	E84282	405.1	2/25/2006 12:00:00PM	2	2	mg/L	U
039180	Trichloroethene	N	E84282	8260B	3/7/2006 10:22:00AM	0.28	0.28	ug/L	U
000615	Nitrite Nitrogen	N	E84282	353.2	2/26/2006 6:45:00AM	0.01	0.01	mg/L	U
070300	Total Dissolved Solids	N	E84282	160.1	2/28/2006 2:16:00PM	44	5	mg/L	
000620	Nitrate Nitrogen	N	E84282	353.2	2/26/2006 6:45:00AM	0.028	0.01	mg/L	I
000630	Nitrate Nitrite Nitrogen	N	E84282	353.2	2/26/2006 6:45:00AM	0.036	0.01	mg/L	I
000625	Nitrogen, Kjeldahl	N	E84282	351.2	3/2/2006 5:05:00PM	0.27	0.12	mg/L	I
000600	Nitrogen, Total	N	E84282	Total Nitrogen	3/6/2006 8:04:00AM	0.31	0.01	mg/L	
000530	Total Suspended Solids	N	E84282	160.2	2/28/2006 3:42:00PM	1	1	mg/L	U
000612	Unionized Ammonia	N	E84282	UnionizedNH3	3/6/2006 8:08:00AM	0.01	0.01	mg/L	U
000665	Phosphorus, Total	N	E84282	365.4	3/3/2006 9:15:00AM	0.017	0.017	mg/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/7/2006 10:22:00AM	2.5	2.5	ug/L	U
034413	Bromomethane	N	E84282	8260B	3/7/2006 10:22:00AM	0.66	0.66	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	3/7/2006 10:22:00AM	0.5	0.5	ug/L	U

Total Parameters Monitored: 85

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

Appendix E

STL Laboratory Reports – Surface Water Sample Points

SEVERN TRENT STL®

ANALYTICAL REPORT

Job Number: 660-7456-1

Job Description: City of Jacksonville/Trail Ridge

For:
HDR Engineering
200 W. Forsyth St., Suite 800
Jacksonville, FL 32202

Attention: Mr. Brad Stone

Nancy Robertson
Project Manager II
nrobertson@stl-inc.com
04/03/2006

Project Manager: Nancy Robertson

DOH Certification #: E84282
These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL Project Manager who signed this test report. The estimated uncertainty associated with these reported results is available upon request.

SEVERN TRENT STL®

EXECUTIVE SUMMARY - Detections

Client: HDR Engineering

Job Number: 660-7456-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
660-7456-1	**SW-1**					
Hardness as calcium carbonate		88		3.3	mg/L	2340B
Total Dissolved Solids		84		5.0	mg/L	160.1
Total Suspended Solids		51		1.0	mg/L	160.2
Nitrogen, Kjeldahl		0.83		0.50	mg/L	351.2
Nitrate Nitrite Nitrogen		1.7		0.050	mg/L	353.2
Nitrate Nitrogen		1.7		0.050	mg/L	353.2
Biochemical Oxygen Demand		8.9		2.0	mg/L	405.1
Total Organic Carbon		34		10	mg/L	415.1
Chemical Oxygen Demand		99		20	mg/L	5220C
Nitrogen, Total		2.5		0.050	mg/L	Total Nitrogen
Total Recoverable						
Barium		36		10	ug/L	200.7 Rev 4.4
Chromium		2.8	I	10	ug/L	200.7 Rev 4.4
Iron		1500		50	ug/L	200.7 Rev 4.4
Vanadium		3.2	I	10	ug/L	200.7 Rev 4.4
Zinc		22		20	ug/L	200.7 Rev 4.4
Thallium		0.60	I	1.0	ug/L	200.8
660-7456-2	**SW-2**					
Hardness as calcium carbonate		15		3.3	mg/L	2340B
Total Dissolved Solids		44		5.0	mg/L	160.1
Nitrogen, Kjeldahl		0.27	I	0.50	mg/L	351.2
Nitrate Nitrite Nitrogen		0.036	I	0.050	mg/L	353.2
Nitrate Nitrogen		0.028	I	0.050	mg/L	353.2
Total Organic Carbon		12		1.0	mg/L	415.1
Chemical Oxygen Demand		130		20	mg/L	5220C
Nitrogen, Total		0.31		0.050	mg/L	Total Nitrogen
Total Recoverable						
Barium		69		10	ug/L	200.7 Rev 4.4
Iron		460		50	ug/L	200.7 Rev 4.4
Vanadium		3.1	I	10	ug/L	200.7 Rev 4.4

SEVERN TRENT STL®

METHOD SUMMARY

Client: HDR Engineering

Job Number: 660-7456-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds by GC/MS	STL-TAM	SW846 8260B	
Purge-and-Trap	STL-TAM		SW846 5030B
EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography	STL-TAM	EPA-01 504.1	
EDB, DBCP, and 123TCP in Water by	STL-TAM		EPA-DW 504.1
ICP Metals by 200.7	STL-TAM	EPA 200.7 Rev 4.4	
Total Recoverable Metals Digestion for 200.7	STL-TAM		40CFR136A 200.7 Appx C
ICPMS Metals by 200.8 CWA	STL-SAV	EPA 200.8	
Total Recoverable Metals for 200.8	STL-SAV		MCAWW 4.1.4
Mercury in Water by CVAA	STL-TAM	EPA 245.1	
Digestion for CVAA Mercury in Waters	STL-TAM		EPA 245.1
Hardness by Calculation	STL-TAM	SM20 2340B	
Field Sampling	STL-TAM	EPA Field Sampling	
Residue, Filterable, Gravimetric, Dried at 180°C (TDS)	STL-TAM	MCAWW 160.1	
Residue, Non-Filterable (Gravimetric, Dried at 103-105C)	STL-TAM	MCAWW 160.2	
Nitrogen (Ammonia, Colorimetric, Automated Phenate)	STL-TAM	MCAWW 350.1	
Nitrogen, Total Kjeldahl (Colorimetric, Semi-Automated Block Digester, AAII)	STL-TAM	MCAWW 351.2	
Nitrogen, Total Kjeldahl (Colorimetric,	STL-TAM		MCAWW 351.2
Nitrogen, Nitrate-Nitrite (Colorimetric, Automated, Cadmium Reduction)	STL-TAM	MCAWW 353.2	
Total Phosphorus	STL-TAM	EPA 365.4	
Sample Digestion for Total Phosphorous	STL-TAM		MCAWW 365.2/365.3
Biochemical Oxygen Demand, BOD (5 day, 20 °C)	STL-TAM	MCAWW 405.1	
Total Organic Carbon, Combustion or Oxidation	STL-TAM	MCAWW 415.1	
Chemical Oxygen Demand (Titrimetric)	STL-TAM	SM18 5220C	
Total Nitrogen	STL-TAM	EPA Total Nitrogen	
Unionized Ammonia by Florida DEP SOP	STL-TAM	FL-DEP UnionizedNH3	
Fecal Coliforms	STL-TAM	EPA	

LAB REFERENCES:

STL-TAM = STL-Tampa
STL-SAV = STL-Savannah

STL Tampa

SEVERN TRENT STL®

METHOD SUMMARY

Client: HDR Engineering

Job Number: 660-7456-1

METHOD REFERENCES:

EPA - US Environmental Protection Agency

EPA-01 - "Methods For The Determination Of Nonconventional Pesticides In Municipal And Industrial Wastewater", EPA/821/R/92/002, April 1992.

FL-DEP - State Of Florida Department Of Environmental Protection, Florida Administrative Code.

MCAWW - "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM18 - "Standard Methods For The Examination Of Water And Wastewater", 18th Edition, 1992.

SM20 - "Standard Methods For The Examination Of Water And Wastewater", 20th Edition."

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

SEVERN TRENT STL®

METHOD / ANALYST SUMMARY

Client: HDR Engineering

Job Number: 660-7456-1

Method	Analyst	Analyst ID
SW846 8260B	Ballard, Patricia	PB
EPA-01 504.1	Ballard, James	JB
EPA 200.7 Rev 4.4	Fox, Greg	GF
EPA 200.8	Eaton, Cliff	CE
SM20 2340B	Fox, Greg	GF
EPA 245.1	Phan, Qui	QP
EPA Field Sampling	Sampler, Field	FS
MCAWW 160.1	Johnson, Amanda N	ANJ
MCAWW 160.2	Johnson, Amanda N	ANJ
MCAWW 350.1	Robarge, Andrea	AR
MCAWW 351.2	Robarge, Andrea	AR
MCAWW 353.2	Steward, Tiffany	TS
EPA 365.4	Robarge, Andrea	AR
MCAWW 405.1	Johnson, Aran	AJ
MCAWW 415.1	Johnson, Amanda N	ANJ
MCAWW 415.1	Persbacker, Josh	JP
SM18 5220C	Myers, Randy	RM
EPA Total Nitrogen	Persbacker, Josh	JP
FL-DEP UnionizedNH3	Persbacker, Josh	JP

SEVERN TRENT STL®

SAMPLE SUMMARY

Client: HDR Engineering

Job Number: 660-7456-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
660-7456-1	SW-1	Water	02/24/2006 0730	02/25/2006 1030
660-7456-2	SW-2	Water	02/24/2006 0800	02/25/2006 1030
660-7456-3TB	Trip Blank 8260	Water	02/24/2006 0730	02/25/2006 1030
660-7456-4TB	Trip Blank EDB	Water	02/24/2006 0730	02/25/2006 1030

Client: HDR Engineering

Job Number: 660-7456-1

Client Sample ID: SW-1

Lab Sample ID: 660-7456-1
Client Matrix: Water

Date Sampled: 02/24/2006 0730
Date Received: 02/25/2006 1030

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2006 0957
Date Prepared: 03/07/2006 0957

Analysis Batch: 660-21755

Instrument ID: BVMJ GC/MS
Lab File ID: 2JC0652.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.27	U	0.27	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	0.66	U	0.66	1.0
Methyl Ethyl Ketone	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Bromochloromethane	0.58	U	0.58	1.0
Chloroethane	0.80	U	0.80	1.0
Chloroform	0.90	U	0.90	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
Chloromethane	0.64	U	0.64	1.0
Dibromochloromethane	0.34	U	0.34	1.0
Methylene bromide	0.41	U	0.41	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
4-Methyl-2-pentanone	3.8	U	3.8	10
Methylene Chloride	4.0	U	4.0	5.0
Styrene	0.98	U	0.98	1.0
1,1,2,2-Tetrachloroethane	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
Tetrachloroethene	0.34	U	0.34	1.0
Toluene	0.51	U	0.51	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.28	U	0.28	1.0
Trichlorofluoromethane	0.98	U	0.98	1.0
1,2,3-Trichloropropane	0.15	U	0.15	1.0
Vinyl acetate	1.5	U	1.5	10

Client: HDR Engineering

Job Number: 660-7456-1

Client Sample ID: SW-1

Lab Sample ID: 660-7456-1
Client Matrix: Water

Date Sampled: 02/24/2006 0730
Date Received: 02/25/2006 1030

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2006 0957
Date Prepared: 03/07/2006 0957

Analysis Batch: 660-21755

Instrument ID: BVMJ GC/MS
Lab File ID: 2JC0652.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.30	U	0.30	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	94	74 - 126
Dibromofluoromethane	98	70 - 130
Toluene-d8	112	77 - 122

Client: HDR Engineering

Job Number: 660-7456-1

Client Sample ID: SW-2

Lab Sample ID: 660-7456-2
Client Matrix: Water

Date Sampled: 02/24/2006 0800
Date Received: 02/25/2006 1030

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2006 1022
Date Prepared: 03/07/2006 1022

Analysis Batch: 660-21755

Instrument ID: BVMJ GC/MS
Lab File ID: 2JC0653.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.27	U	0.27	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	0.66	U	0.66	1.0
Methyl Ethyl Ketone	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Bromochloromethane	0.58	U	0.58	1.0
Chloroethane	0.80	U	0.80	1.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	0.64	U	0.64	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
Dibromochloromethane	0.34	U	0.34	1.0
Methylene bromide	0.41	U	0.41	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
1,1-Dichloroethane	0.52	U	0.52	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
4-Methyl-2-pentanone	3.8	U	3.8	10
Methylene Chloride	4.0	U	4.0	5.0
Styrene	0.98	U	0.98	1.0
1,1,2,2-Tetrachloroethane	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
Tetrachloroethene	0.34	U	0.34	1.0
Toluene	0.51	U	0.51	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.28	U	0.28	1.0
Trichlorofluoromethane	0.98	U	0.98	1.0
1,2,3-Trichloropropane	0.15	U	0.15	1.0
Vinyl acetate	1.5	U	1.5	10

Client: HDR Engineering

Job Number: 660-7456-1

Client Sample ID: **SW-2**

Lab Sample ID: 660-7456-2
Client Matrix: Water

Date Sampled: 02/24/2006 0800
Date Received: 02/25/2006 1030

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2006 1022
Date Prepared: 03/07/2006 1022

Analysis Batch: 660-21755

Instrument ID: BVMJ GC/MS
Lab File ID: 2JC0653.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.30	U	0.30	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	95	74 - 126
Dibromofluoromethane	101	70 - 130
Toluene-d8	111	77 - 122

Client: HDR Engineering

Job Number: 660-7456-1

Client Sample ID: **Trip Blank 8260**

Lab Sample ID: 660-7456-3TB
Client Matrix: Water

Date Sampled: 02/24/2006 0730
Date Received: 02/25/2006 1030

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2006 0933
Date Prepared: 03/07/2006 0933

Analysis Batch: 660-21755

Instrument ID: BVMJ GC/MS
Lab File ID: 2JC0651.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.27	U	0.27	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	0.66	U	0.66	1.0
Methyl Ethyl Ketone	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Bromochloromethane	0.58	U	0.58	1.0
Chloroethane	0.80	U	0.80	1.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	0.64	U	0.64	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
Dibromochloromethane	0.34	U	0.34	1.0
Methylene bromide	0.41	U	0.41	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
1,1-Dichloroethane	0.52	U	0.52	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
4-Methyl-2-pentanone	3.8	U	3.8	10
Methylene Chloride	4.0	U	4.0	5.0
Styrene	0.98	U	0.98	1.0
1,1,2,2-Tetrachloroethane	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
Tetrachloroethene	0.34	U	0.34	1.0
Toluene	0.51	U	0.51	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.28	U	0.28	1.0
Trichlorofluoromethane	0.98	U	0.98	1.0
1,2,3-Trichloropropane	0.15	U	0.15	1.0
Vinyl acetate	1.5	U	1.5	10

Client: HDR Engineering

Job Number: 660-7456-1

Client Sample ID: **Trip Blank 8260**

Lab Sample ID: 660-7456-3TB
Client Matrix: Water

Date Sampled: 02/24/2006 0730
Date Received: 02/25/2006 1030

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2006 0933
Date Prepared: 03/07/2006 0933

Analysis Batch: 660-21755

Instrument ID: BVMJ GC/MS
Lab File ID: 2JC0651.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.30	U	0.30	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	96	74 - 126
Dibromofluoromethane	102	70 - 130
Toluene-d8	113	77 - 122

Client: HDR Engineering

Job Number: 660-7456-1

Client Sample ID: SW-1

Lab Sample ID: 660-7456-1
Client Matrix: Water

Date Sampled: 02/24/2006 0730
Date Received: 02/25/2006 1030

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1
Preparation: 504.1
Dilution: 1.0
Date Analyzed: 03/08/2006 0138
Date Prepared: 03/07/2006 1030

Analysis Batch: 660-21876
Prep Batch: 660-21760

Instrument ID: HP 5890 Series II ECD1/2
Lab File ID: 1C07S041.D
Initial Weight/Volume: 34.6501 g
Final Weight/Volume: 3 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0030	U	0.0030	0.020
Ethylene Dibromide	0.0088	U	0.0088	0.020

Client: HDR Engineering

Job Number: 660-7456-1

Client Sample ID: SW-2

Lab Sample ID: 660-7456-2
Client Matrix: Water

Date Sampled: 02/24/2006 0800
Date Received: 02/25/2006 1030

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1
Preparation: 504.1
Dilution: 1.0
Date Analyzed: 03/08/2006 0201
Date Prepared: 03/07/2006 1030

Analysis Batch: 660-21876
Prep Batch: 660-21760

Instrument ID: HP 5890 Series II ECD1/2
Lab File ID: 1C07S042.D
Initial Weight/Volume: 34.9799 g
Final Weight/Volume: 3 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0030	U	0.0030	0.020
Ethylene Dibromide	0.0087	U	0.0087	0.020

Client: HDR Engineering

Job Number: 660-7456-1

Client Sample ID: **Trip Blank EDB**

Lab Sample ID: 660-7456-4TB
Client Matrix: Water

Date Sampled: 02/24/2006 0730
Date Received: 02/25/2006 1030

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1
Preparation: 504.1
Dilution: 1.0
Date Analyzed: 03/08/2006 0311
Date Prepared: 03/07/2006 1030

Analysis Batch: 660-21876
Prep Batch: 660-21760

Instrument ID: HP 5890 Series II ECD1/2
Lab File ID: 1C07S045.D
Initial Weight/Volume: 34.7058 g
Final Weight/Volume: 3 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0030	U	0.0030	0.020
Ethylene Dibromide	0.0088	U	0.0088	0.020

Client Sample ID: SW-1

Lab Sample ID: 660-7456-1
Client Matrix: Water

Date Sampled: 02/24/2006 0730
Date Received: 02/25/2006 1030

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/06/2006 1507
Date Prepared: 03/02/2006 1110

Analysis Batch: 660-21640
Prep Batch: 660-21476

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50.0 mL
Final Weight/Volume: 50.0 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Silver	1.9	U	1.9	10
Arsenic	4.8	U	4.8	10
Barium	36		1.2	10
Beryllium	0.74	U	0.74	4.0
Cadmium	0.71	U	0.71	5.0
Cobalt	1.6	U	1.6	10
Chromium	2.8	I	1.7	10
Copper	2.9	U	2.9	20
Iron	1500		22	50
Nickel	4.7	U	4.7	40
Antimony	3.6	U	3.6	6.0
Lead	1.6	U	1.6	5.0
Selenium	5.9	U	5.9	10
Vanadium	3.2	I	2.5	10
Zinc	22		5.9	20

200.8 ICPMS Metals by 200.8 CWA-Total Recoverable

Method: 200.8
Preparation: 4.1.4
Dilution: 1.0
Date Analyzed: 03/03/2006 0205
Date Prepared: 03/01/2006 1111

Analysis Batch: 680-37826
Prep Batch: 680-37603

Instrument ID: ICP MS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.60	I	0.25	1.0

Client Sample ID: SW-1

Lab Sample ID:	660-7456-1	Date Sampled:	02/24/2006 0730
Client Matrix:	Water	Date Received:	02/25/2006 1030

2340B Hardness by Calculation

Method:	2340B	Analysis Batch: 660-21691		Instrument ID:	No Equipment
Preparation:	N/A			Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	
Date Analyzed:	03/07/2006 0738			Final Weight/Volume:	
Date Prepared:	N/A				

Analyte	Result (mg/L)	Qualifier	RL	PQL
Hardness as calcium carbonate	88		3.3	3.3

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch: 660-21504		Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch: 660-21446		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/02/2006 1209			Final Weight/Volume:	50 mL
Date Prepared:	03/02/2006 0805				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.072	U	0.072	0.20

Client: HDR Engineering

Job Number: 660-7456-1

Client Sample ID: SW-2

Lab Sample ID:	660-7456-2	Date Sampled:	02/24/2006 0800
Client Matrix:	Water	Date Received:	02/25/2006 1030

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method:	200.7 Rev 4.4	Analysis Batch: 660-21640		Instrument ID:	TJA ICP TRACE
Preparation:	200.7 Appx C	Prep Batch: 660-21476		Lab File ID:	6C06A
Dilution:	1.0			Initial Weight/Volume:	50.0 mL
Date Analyzed:	03/06/2006 1512			Final Weight/Volume:	50.0 mL
Date Prepared:	03/02/2006 1110				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Silver	1.9	U	1.9	10
Arsenic	4.8	U	4.8	10
Barium	69		1.2	10
Beryllium	0.74	U	0.74	4.0
Cadmium	0.71	U	0.71	5.0
Cobalt	1.6	U	1.6	10
Chromium	1.7	U	1.7	10
Copper	2.9	U	2.9	20
Iron	460		22	50
Nickel	4.7	U	4.7	40
Antimony	3.6	U	3.6	6.0
Lead	1.6	U	1.6	5.0
Selenium	5.9	U	5.9	10
Vanadium	3.1	I	2.5	10
Zinc	5.9	U	5.9	20

200.8 ICPMS Metals by 200.8 CWA-Total Recoverable

Method:	200.8	Analysis Batch: 680-37826		Instrument ID:	ICP MS
Preparation:	4.1.4	Prep Batch: 680-37603		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/03/2006 0212			Final Weight/Volume:	250 mL
Date Prepared:	03/01/2006 1111				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.25	U	0.25	1.0

Client: HDR Engineering

Job Number: 660-7456-1

Client Sample ID: SW-2

Lab Sample ID: 660-7456-2
Client Matrix: Water

Date Sampled: 02/24/2006 0800
Date Received: 02/25/2006 1030

2340B Hardness by Calculation

Method: 2340B
Preparation: N/A
Dilution: 1.0
Date Analyzed: 03/07/2006 0738
Date Prepared: N/A

Analysis Batch: 660-21691

Instrument ID: No Equipment
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume:

Analyte	Result (mg/L)	Qualifier	RL	PQL
Hardness as calcium carbonate	15		3.3	3.3

245.1 Mercury in Water by CVAA

Method: 245.1
Preparation: 245.1
Dilution: 1.0
Date Analyzed: 03/02/2006 1210
Date Prepared: 03/02/2006 0805

Analysis Batch: 660-21504
Prep Batch: 660-21446

Instrument ID: HydraAA Mercury
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.072	U	0.072	0.20

Field Service / Mobile Lab

Client Sample ID: SW-1

Lab Sample ID: 660-7456-1
Client Matrix: Water
% Moisture:

Date Sampled: 02/24/2006 0730
Date Received: 02/25/2006 1030

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Field pH	4.59		SU	1.0	Field	660-2131	02/24/2006 0730
Field Temperature	11.7		Degrees C	1.0	Field	660-2131	02/24/2006 0730
Oxygen, Dissolved	4.1		mg/L	1.0	Field	660-2131	02/24/2006 0730
Specific Conductance	120		umhos/cm	1.0	Field	660-2131	02/24/2006 0730
Turbidity	14.5		NTU	1.0	Field	660-2131	02/24/2006 0730

Client Sample ID: SW-2

Lab Sample ID: 660-7456-2
Client Matrix: Water
% Moisture:

Date Sampled: 02/24/2006 0800
Date Received: 02/25/2006 1030

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Field pH	4.35		SU	1.0	Field	660-2131	02/24/2006 0800
Field Temperature	13.7		Degrees C	1.0	Field	660-2131	02/24/2006 0800
Oxygen, Dissolved	8.6		mg/L	1.0	Field	660-2131	02/24/2006 0800
Specific Conductance	55		umhos/cm	1.0	Field	660-2131	02/24/2006 0800
Turbidity	2.7		NTU	1.0	Field	660-2131	02/24/2006 0800

General Chemistry

General Chemistry

Client Sample ID: SW-1

Lab Sample ID: 660-7456-1
Client Matrix: Water

Date Sampled: 02/24/2006 0730
Date Received: 02/25/2006 1030

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Ammonia	0.040	U	mg/L	0.040	0.050	1.0	350.1
	Anly Batch: 660-21401	Date Analyzed	03/01/2006 1016				
Nitrogen, Kjeldahl	0.83		mg/L	0.12	0.50	1.0	351.2
	Anly Batch: 660-21566	Date Analyzed	03/02/2006 1705				
	Prep Batch: 660-21563	Date Prepared:	03/01/2006 1630				
Nitrate Nitrite Nitrogen	1.7		mg/L	0.010	0.050	1.0	353.2
	Anly Batch: 660-21254	Date Analyzed	02/26/2006 0645				
Nitrite Nitrogen	0.010	U	mg/L	0.010	0.050	1.0	353.2
	Anly Batch: 660-21254	Date Analyzed	02/26/2006 0645				
Nitrate Nitrogen	1.7		mg/L	0.010	0.050	1.0	353.2
	Anly Batch: 660-21254	Date Analyzed	02/26/2006 0645				
Phosphorus, Total	0.017	U	mg/L	0.017	0.10	1.0	365.4
	Anly Batch: 660-21565	Date Analyzed	03/03/2006 0915				
	Prep Batch: 660-21564	Date Prepared:	03/01/2006 1630				
Total Organic Carbon	34		mg/L	5.3	10	10	415.1
	Anly Batch: 660-21726	Date Analyzed	03/07/2006 0233				
Nitrogen, Total	2.5		mg/L	0.010	0.050	1.0	Total Nitrogen
	Anly Batch: 660-21604	Date Analyzed	03/06/2006 0804				

General Chemistry

Client Sample ID: **SW-1**

Lab Sample ID: 660-7456-1
Client Matrix: Water

Date Sampled: 02/24/2006 0730
Date Received: 02/25/2006 1030

Analyte	Result	Qual	Units	RL	PQL	Dil	Method
Total Dissolved Solids	84		mg/L	5.0	5.0	1.0	160.1
Anly Batch: 660-21455	Date Analyzed	02/28/2006 1416					
Total Suspended Solids	51		mg/L	1.0	1.0	1.0	160.2
Anly Batch: 660-21460	Date Analyzed	02/28/2006 1542					
Biochemical Oxygen Demand	8.9		mg/L	2.0	2.0	1.0	405.1
Anly Batch: 660-21492	Date Analyzed	02/25/2006 1200					
Chemical Oxygen Demand	99		mg/L	20	20	1.0	5220C
Anly Batch: 660-21809	Date Analyzed	03/03/2006 2000					
Unionized Ammonia	0.010	U	mg/L	0.010	0.010	1.0	UnionizedNH3
Anly Batch: 660-21605	Date Analyzed	03/06/2006 0808					

General Chemistry

Client Sample ID: SW-2

Lab Sample ID: 660-7456-2
Client Matrix: Water

Date Sampled: 02/24/2006 0800
Date Received: 02/25/2006 1030

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Ammonia	0.040	U	mg/L	0.040	0.050	1.0	350.1
Anly Batch: 660-21401	Date Analyzed 03/01/2006 1016						
Nitrogen, Kjeldahl	0.27	I	mg/L	0.12	0.50	1.0	351.2
Anly Batch: 660-21566	Date Analyzed 03/02/2006 1705						
Prep Batch: 660-21563	Date Prepared: 03/01/2006 1630						
Nitrate Nitrite Nitrogen	0.036	I	mg/L	0.010	0.050	1.0	353.2
Anly Batch: 660-21254	Date Analyzed 02/26/2006 0645						
Nitrite Nitrogen	0.010	U	mg/L	0.010	0.050	1.0	353.2
Anly Batch: 660-21254	Date Analyzed 02/26/2006 0645						
Nitrate Nitrogen	0.028	I	mg/L	0.010	0.050	1.0	353.2
Anly Batch: 660-21254	Date Analyzed 02/26/2006 0645						
Phosphorus, Total	0.017	U	mg/L	0.017	0.10	1.0	365.4
Anly Batch: 660-21565	Date Analyzed 03/03/2006 0915						
Prep Batch: 660-21564	Date Prepared: 03/01/2006 1630						
Total Organic Carbon	12		mg/L	0.53	1.0	1.0	415.1
Anly Batch: 660-21694	Date Analyzed 03/03/2006 1227						
Nitrogen, Total	0.31		mg/L	0.010	0.050	1.0	Total Nitrogen
Anly Batch: 660-21604	Date Analyzed 03/06/2006 0804						

General Chemistry

Client Sample ID: SW-2

Lab Sample ID: 660-7456-2
Client Matrix: Water

Date Sampled: 02/24/2006 0800
Date Received: 02/25/2006 1030

Analyte	Result	Qual	Units	RL	PQL	Dil	Method
Total Dissolved Solids	44		mg/L	5.0	5.0	1.0	160.1
Anly Batch: 660-21455	Date Analyzed 02/28/2006 1416						
Total Suspended Solids	1.0	U	mg/L	1.0	1.0	1.0	160.2
Anly Batch: 660-21460	Date Analyzed 02/28/2006 1542						
Biochemical Oxygen Demand	2.0	U	mg/L	2.0	2.0	1.0	405.1
Anly Batch: 660-21492	Date Analyzed 02/25/2006 1200						
Chemical Oxygen Demand	130		mg/L	20	20	1.0	5220C
Anly Batch: 660-21809	Date Analyzed 03/03/2006 2000						
Unionized Ammonia	0.010	U	mg/L	0.010	0.010	1.0	UnionizedNH3
Anly Batch: 660-21605	Date Analyzed 03/06/2006 0808						

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DATA REPORTING QUALIFIERS

Client: HDR Engineering

Job Number: 660-7456-1

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Indicates that the compound was analyzed for but not detected.
GC Semi VOA		
	U	Indicates that the compound was analyzed for but not detected.
Metals		
	U	Indicates that the compound was analyzed for but not detected.
	I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
General Chemistry		
	U	Indicates that the compound was analyzed for but not detected.
	I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

Client: HDR Engineering

Job Number: 660-7456-1

Method Blank - Batch: 660-21755

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 660-21755/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/07/2006 0433
Date Prepared: 03/07/2006 0433

Analysis Batch: 660-21755
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMJ GC/MS
Lab File ID: 2JC0639.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	PQL
Acetone	9.9	U	9.9	20
Acrylonitrile	1.2	U	1.2	100
Benzene	0.27	U	0.27	1.0
Bromodichloromethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	0.66	U	0.66	1.0
Methyl Ethyl Ketone	8.4	U	8.4	10
Carbon disulfide	0.85	U	0.85	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Bromochloromethane	0.58	U	0.58	1.0
Chloroethane	0.80	U	0.80	1.0
Chloroform	0.90	U	0.90	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
Chloromethane	0.64	U	0.64	1.0
Dibromochloromethane	0.34	U	0.34	1.0
Methylene bromide	0.41	U	0.41	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
1,4-Dichlorobenzene	0.52	U	0.52	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
4-Methyl-2-pentanone	3.8	U	3.8	10
Methylene Chloride	4.0	U	4.0	5.0
Styrene	0.98	U	0.98	1.0
1,1,2,2-Tetrachloroethane	0.14	U	0.14	1.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
Tetrachloroethene	0.34	U	0.34	1.0
Toluene	0.51	U	0.51	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.28	U	0.28	1.0
Trichlorofluoromethane	0.98	U	0.98	1.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7456-1

Method Blank - Batch: 660-21755

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 660-21755/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/07/2006 0433
Date Prepared: 03/07/2006 0433

Analysis Batch: 660-21755
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMJ GC/MS
Lab File ID: 2JC0639.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	PQL
1,2,3-Trichloropropane	0.15	U	0.15	1.0
Vinyl acetate	1.5	U	1.5	10
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.30	U	0.30	1.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	81	74 - 126
Dibromofluoromethane	84	70 - 130
Toluene-d8	90	77 - 122

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-21755

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 660-21755/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/07/2006 0319
Date Prepared: 03/07/2006 0319

Analysis Batch: 660-21755
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMJ GC/MS
Lab File ID: 2JC0636.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 660-21755/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/07/2006 0344
Date Prepared: 03/07/2006 0344

Analysis Batch: 660-21755
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMJ GC/MS
Lab File ID: 2JC0637.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	110	111	62 - 135	0	37		
Chlorobenzene	105	105	72 - 127	0	22		
1,1-Dichloroethene	125	119	46 - 147	5	30		
Toluene	107	108	68 - 131	0	33		
Trichloroethene	107	106	56 - 143	1	35		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7456-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-21755

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	660-7427-J-21 MS	Analysis Batch: 660-21755	Instrument ID: BVMJ GC/MS
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: 1JC0808.D
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	03/08/2006 1755		Final Weight/Volume: 5 mL
Date Prepared:	03/08/2006 1755		

MSD Lab Sample ID:	660-7427-H-21 MSD	Analysis Batch: 660-21755	Instrument ID: BVMJ GC/MS
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: 1JC0809.D
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	03/08/2006 1820		Final Weight/Volume: 5 mL
Date Prepared:	03/08/2006 1820		

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	114	116	62 - 135	1	37		
Chlorobenzene	112	112	72 - 127	0	22		
1,1-Dichloroethene	125	126	46 - 147	1	30		
Toluene	117	115	68 - 131	2	33		
Trichloroethene	111	111	56 - 143	0	35		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7456-1

Method Blank - Batch: 660-21760

Method: 504.1
Preparation: 504.1

Lab Sample ID: MB 660-21760/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/07/2006 1534
Date Prepared: 03/07/2006 1030

Analysis Batch: 660-21876
Prep Batch: 660-21760
Units: ug/L

Instrument ID: HP 5890 Series II ECD1/2
Lab File ID: 1C07S015.D
Initial Weight/Volume: 33.9424 g
Final Weight/Volume: 3 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0031	U	0.0031	0.021
Ethylene Dibromide	0.0090	U	0.0090	0.021

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-21760

Method: 504.1
Preparation: 504.1

LCS Lab Sample ID: LCS 660-21760/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/07/2006 1558
Date Prepared: 03/07/2006 1030

Analysis Batch: 660-21876
Prep Batch: 660-21760
Units: ug/L

Instrument ID: HP 5890 Series II ECD1/2
Lab File ID: 1C07S016.D
Initial Weight/Volume: 32.9557 g
Final Weight/Volume: 3 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 660-21760/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/07/2006 1621
Date Prepared: 03/07/2006 1030

Analysis Batch: 660-21876
Prep Batch: 660-21760
Units: ug/L

Instrument ID: HP 5890 Series II ECD1/
Lab File ID: 1C07S017.D
Initial Weight/Volume: 34.1756 g
Final Weight/Volume: 3 mL
Injection Volume:
Column ID: PRIMARY

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,2-Dibromo-3-Chloropropane	108	103	70 - 130	8	30		
Ethylene Dibromide	126	117	70 - 130	11	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: HDR Engineering

Job Number: 660-7456-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-21760

Method: 504.1
Preparation: 504.1

MS Lab Sample ID:	660-7387-D-1-B MS	Analysis Batch: 660-21876	Instrument ID: HP 5890 Series II ECD1/2
Client Matrix:	Water	Prep Batch: 660-21760	Lab File ID: 1C07S019.D
Dilution:	1.0		Initial Weight/Volume: 33.9552 g
Date Analyzed:	03/07/2006 1707		Final Weight/Volume: 3 mL
Date Prepared:	03/07/2006 1030		Injection Volume:
			Column ID: PRIMARY

MSD Lab Sample ID:	660-7387-D-1-C MSD	Analysis Batch: 660-21876	Instrument ID: HP 5890 Series II ECD1/2
Client Matrix:	Water	Prep Batch: 660-21760	Lab File ID: 1C07S020.D
Dilution:	1.0		Initial Weight/Volume: 34.3998 g
Date Analyzed:	03/07/2006 1731		Final Weight/Volume: 3 mL
Date Prepared:	03/07/2006 1030		Injection Volume:
			Column ID: PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,2-Dibromo-3-Chloropropane	95	93	70 - 130	3	30		
Ethylene Dibromide	106	109	70 - 130	1	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: HDR Engineering

Job Number: 660-7456-1

Method Blank - Batch: 660-21476

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Total Recoverable

Lab Sample ID: MB 660-21476/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/06/2006 1208
Date Prepared: 03/02/2006 1110

Analysis Batch: 660-21640
Prep Batch: 660-21476
Units: ug/L

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50.0 mL
Final Weight/Volume: 50.0 mL

Analyte	Result	Qual	MDL	PQL
Silver	1.9	U	1.9	10
Arsenic	4.8	U	4.8	10
Barium	1.2	U	1.2	10
Beryllium	0.74	U	0.74	4.0
Cadmium	0.71	U	0.71	5.0
Cobalt	1.6	U	1.6	10
Chromium	1.7	U	1.7	10
Copper	2.9	U	2.9	20
Iron	22	U	22	50
Nickel	4.7	U	4.7	40
Antimony	3.6	U	3.6	6.0
Lead	1.6	U	1.6	5.0
Selenium	5.9	U	5.9	10
Vanadium	2.5	U	2.5	10
Zinc	5.9	U	5.9	20

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7456-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-21476

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Total Recoverable

LCS Lab Sample ID: LCS 660-21476/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/06/2006 1214
Date Prepared: 03/02/2006 1110

Analysis Batch: 660-21640
Prep Batch: 660-21476
Units: ug/L

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50.0 mL
Final Weight/Volume: 50.0 mL

LCSD Lab Sample ID: LCSD 660-21476/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/06/2006 1219
Date Prepared: 03/02/2006 1110

Analysis Batch: 660-21640
Prep Batch: 660-21476
Units: ug/L

Instrument ID: TJA ICP TRACE
Lab File ID: 6C06A
Initial Weight/Volume: 50.0 mL
Final Weight/Volume: 50.0 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Silver	98	98	85 - 115	0	20		
Arsenic	101	99	85 - 115	2	20		
Barium	101	101	85 - 115	1	20		
Beryllium	103	101	85 - 115	2	20		
Cadmium	104	102	85 - 115	2	20		
Cobalt	101	100	85 - 115	2	20		
Chromium	105	104	85 - 115	1	20		
Copper	100	98	85 - 115	2	20		
Iron	104	102	85 - 115	1	20		
Nickel	105	103	85 - 115	2	20		
Antimony	95	93	85 - 115	2	20		
Lead	102	100	85 - 115	2	20		
Selenium	100	98	85 - 115	2	20		
Vanadium	105	103	85 - 115	2	20		
Zinc	107	105	85 - 115	2	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7456-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-21476

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Total Recoverable

MS Lab Sample ID:	660-7468-B-1-B MS^R	Analysis Batch: 660-21640	Instrument ID: TJA ICP TRACE
Client Matrix:	Water	Prep Batch: 660-21476	Lab File ID: 6C06A
Dilution:	1.0		Initial Weight/Volume: 50.0 mL
Date Analyzed:	03/06/2006 1247		Final Weight/Volume: 50.0 mL
Date Prepared:	03/02/2006 1110		

MSD Lab Sample ID:	660-7468-B-1-C MSD^R	Analysis Batch: 660-21640	Instrument ID: TJA ICP TRACE
Client Matrix:	Water	Prep Batch: 660-21476	Lab File ID: 6C06A
Dilution:	1.0		Initial Weight/Volume: 50.0 mL
Date Analyzed:	03/06/2006 1253		Final Weight/Volume: 50.0 mL
Date Prepared:	03/02/2006 1110		

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Silver	106	103	85 - 115	2	20		
Arsenic	104	102	85 - 115	2	20		
Barium	101	100	85 - 115	2	20		
Beryllium	102	101	85 - 115	2	20		
Cadmium	102	100	85 - 115	2	20		
Cobalt	101	99	85 - 115	2	20		
Chromium	104	103	85 - 115	2	20		
Copper	105	103	85 - 115	2	20		
Iron	104	100	85 - 115	3	20		
Nickel	104	102	85 - 115	2	20		
Antimony	99	97	85 - 115	2	20		
Lead	102	100	85 - 115	2	20		
Selenium	103	101	85 - 115	2	20		
Vanadium	105	104	85 - 115	2	20		
Zinc	106	104	85 - 115	2	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7456-1

Method Blank - Batch: 680-37603

Method: 200.8
Preparation: 4.1.4
Total Recoverable

Lab Sample ID: MB 680-37603/4-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/03/2006 0108
Date Prepared: 03/01/2006 1111

Analysis Batch: 680-37826
Prep Batch: 680-37603
Units: ug/L

Instrument ID: ICP MS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Result	Qual	MDL	PQL
Thallium	0.25	U	0.25	1.0

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 680-37603

Method: 200.8
Preparation: 4.1.4
Total Recoverable

LCS Lab Sample ID: LCS 680-37603/5-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/03/2006 0115
Date Prepared: 03/01/2006 1111

Analysis Batch: 680-37826
Prep Batch: 680-37603
Units: ug/L

Instrument ID: ICP MS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

LCSD Lab Sample ID: LCSD 680-37603/6-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/03/2006 0122
Date Prepared: 03/01/2006 1111

Analysis Batch: 680-37826
Prep Batch: 680-37603
Units: ug/L

Instrument ID: ICP MS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Thallium	103	103	85 - 115	1	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7456-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-37603

Method: 200.8
Preparation: 4.1.4
Total Recoverable

MS Lab Sample ID:	660-7455-C-7-B MS^D	Analysis Batch: 680-37826	Instrument ID: ICP MS
Client Matrix:	Water	Prep Batch: 680-37603	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	03/03/2006 0151		Final Weight/Volume: 250 mL
Date Prepared:	03/01/2006 1111		

MSD Lab Sample ID:	660-7455-C-7-C MSD^D	Analysis Batch: 680-37826	Instrument ID: ICP MS
Client Matrix:	Water	Prep Batch: 680-37603	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	03/03/2006 0158		Final Weight/Volume: 250 mL
Date Prepared:	03/01/2006 1111		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Thallium	114	119	75 - 125	4	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7456-1

Method Blank - Batch: 660-21446

Method: 245.1
Preparation: 245.1

Lab Sample ID: MB 660-21446/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/02/2006 1121
Date Prepared: 03/02/2006 0805

Analysis Batch: 660-21504
Prep Batch: 660-21446
Units: ug/L

Instrument ID: HydraAA Mercury Analyzer
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	PQL
Mercury	0.072	U	0.072	0.20

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-21446

Method: 245.1
Preparation: 245.1

LCS Lab Sample ID: LCS 660-21446/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/02/2006 1123
Date Prepared: 03/02/2006 0805

Analysis Batch: 660-21504
Prep Batch: 660-21446
Units: ug/L

Instrument ID: HydraAA Mercury Analyzer
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

LCSD Lab Sample ID: LCSD 660-21446/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/02/2006 1125
Date Prepared: 03/02/2006 0805

Analysis Batch: 660-21504
Prep Batch: 660-21446
Units: ug/L

Instrument ID: HydraAA Mercury Analyz
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Mercury	91	91	80 - 120	0	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7456-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-21446

Method: 245.1
Preparation: 245.1

MS Lab Sample ID:	660-7387-H-1-B MS	Analysis Batch: 660-21504	Instrument ID: HydraAA Mercury Analyz
Client Matrix:	Water	Prep Batch: 660-21446	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	03/02/2006 1134		Final Weight/Volume: 50 mL
Date Prepared:	03/02/2006 0805		

MSD Lab Sample ID:	660-7387-H-1-C MSD	Analysis Batch: 660-21504	Instrument ID: HydraAA Mercury Analyzer
Client Matrix:	Water	Prep Batch: 660-21446	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	03/02/2006 1136		Final Weight/Volume: 50 mL
Date Prepared:	03/02/2006 0805		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Mercury	90	90	80 - 120	0	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7456-1

Method Blank - Batch: 660-21455

Method: 160.1
Preparation: N/A

Lab Sample ID: MB 660-21455/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/28/2006 1416
Date Prepared: N/A

Analysis Batch: 660-21455
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	RL	PQL
Total Dissolved Solids	5.0	U	5.0	5.0

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-21455

Method: 160.1
Preparation: N/A

LCS Lab Sample ID: LCS 660-21455/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/28/2006 1416
Date Prepared: N/A

Analysis Batch: 660-21455
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 660-21455/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/28/2006 1416
Date Prepared: N/A

Analysis Batch: 660-21455
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Total Dissolved Solids	100	98	80 - 120	1	25		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7456-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-21455

Method: 160.1
Preparation: N/A

MS Lab Sample ID:	660-7384-D-2 MS	Analysis Batch: 660-21455	Instrument ID: No Equipment Assigned
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	02/28/2006 1416		Final Weight/Volume: 50 mL
Date Prepared:	N/A		

MSD Lab Sample ID:	660-7384-D-2 MSD	Analysis Batch: 660-21455	Instrument ID: No Equipment Assigned
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	02/28/2006 1416		Final Weight/Volume: 50 mL
Date Prepared:	N/A		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Total Dissolved Solids	99	99	80 - 120	0	25		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7456-1

Method Blank - Batch: 660-21460

Method: 160.2
Preparation: N/A

Lab Sample ID: MB 660-21460/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/28/2006 1542
Date Prepared: N/A

Analysis Batch: 660-21460
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 250 mL

Analyte	Result	Qual	RL	PQL
Total Suspended Solids	1.0	U	1.0	1.0

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-21460

Method: 160.2
Preparation: N/A

LCS Lab Sample ID: LCS 660-21460/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/28/2006 1542
Date Prepared: N/A

Analysis Batch: 660-21460
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 250 mL

LCSD Lab Sample ID: LCSD 660-21460/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/28/2006 1542
Date Prepared: N/A

Analysis Batch: 660-21460
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 250 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Total Suspended Solids	83	86	80 - 120	3	25		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7456-1

Method Blank - Batch: 660-21401

Method: 350.1
Preparation: N/A

Lab Sample ID: MB 660-21401/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/01/2006 1016
Date Prepared: N/A

Analysis Batch: 660-21401
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

Analyte	Result	Qual	MDL	PQL
Ammonia	0.040	U	0.040	0.050

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-21401

Method: 350.1
Preparation: N/A

LCS Lab Sample ID: LCS 660-21401/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/01/2006 1016
Date Prepared: N/A

Analysis Batch: 660-21401
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

LCSD Lab Sample ID: LCSD 660-21401/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/01/2006 1016
Date Prepared: N/A

Analysis Batch: 660-21401
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Ammonia	102	102	90 - 110	0	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: HDR Engineering

Job Number: 660-7456-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-21401

Method: 350.1
Preparation: N/A

MS Lab Sample ID:	660-7368-B-1 MS	Analysis Batch: 660-21401	Instrument ID: No Equipment Assigned
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 2 mL
Date Analyzed:	03/01/2006 1016		Final Weight/Volume: 2 mL
Date Prepared:	N/A		

MSD Lab Sample ID:	660-7368-B-1 MSD	Analysis Batch: 660-21401	Instrument ID: No Equipment Assigned
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 2 mL
Date Analyzed:	03/01/2006 1016		Final Weight/Volume: 2 mL
Date Prepared:	N/A		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Ammonia	115	115	90 - 110	0	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7456-1

Method Blank - Batch: 660-21563

Method: 351.2
Preparation: 351.2

Lab Sample ID: MB 660-21563/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/02/2006 1705
Date Prepared: 03/01/2006 1630

Analysis Batch: 660-21566
Prep Batch: 660-21563
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

Analyte	Result	Qual	MDL	PQL
Nitrogen, Kjeldahl	0.12	U	0.12	0.50

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-21563

Method: 351.2
Preparation: 351.2

LCS Lab Sample ID: LCS 660-21563/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/02/2006 1705
Date Prepared: 03/01/2006 1630

Analysis Batch: 660-21566
Prep Batch: 660-21563
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

LCSD Lab Sample ID: LCSD 660-21563/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/02/2006 1705
Date Prepared: 03/01/2006 1630

Analysis Batch: 660-21566
Prep Batch: 660-21563
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Nitrogen, Kjeldahl	99	93	90 - 110	6	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7456-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-21563

Method: 351.2
Preparation: 351.2

MS Lab Sample ID:	660-7054-B-2-C MS	Analysis Batch: 660-21566	Instrument ID: No Equipment Assigned
Client Matrix:	Water	Prep Batch: 660-21563	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 25 mL
Date Analyzed:	03/02/2006 1705		Final Weight/Volume: 25 mL
Date Prepared:	03/01/2006 1630		

MSD Lab Sample ID:	660-7054-B-2-D MSD	Analysis Batch: 660-21566	Instrument ID: No Equipment Assigned
Client Matrix:	Water	Prep Batch: 660-21563	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 25 mL
Date Analyzed:	03/02/2006 1705		Final Weight/Volume: 25 mL
Date Prepared:	03/01/2006 1630		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Nitrogen, Kjeldahl	101	103	90 - 110	1	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7456-1

Method Blank - Batch: 660-21254

Method: 353.2
Preparation: N/A

Lab Sample ID: MB 660-21254/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/26/2006 0645
Date Prepared: N/A

Analysis Batch: 660-21254
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	PQL
Nitrate Nitrite Nitrogen	0.010	U	0.010	0.050
Nitrite Nitrogen	0.010	U	0.010	0.050
Nitrate Nitrogen	0.010	U	0.010	0.050

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-21254

Method: 353.2
Preparation: N/A

LCS Lab Sample ID: LCS 660-21254/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/26/2006 0645
Date Prepared: N/A

Analysis Batch: 660-21254
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

LCSD Lab Sample ID: LCSD 660-21254/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/26/2006 0645
Date Prepared: N/A

Analysis Batch: 660-21254
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Nitrate Nitrite Nitrogen	91	92	80 - 120	0	30		
Nitrite Nitrogen	103	102	80 - 120	1	30		
Nitrate Nitrogen	80	81	80 - 120	2	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7456-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-21254

Method: 353.2
Preparation: N/A

MS Lab Sample ID:	660-7456-2	Analysis Batch:	660-21254	Instrument ID:	No Equipment Assigned
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	02/26/2006 0645			Final Weight/Volume:	50 mL
Date Prepared:	N/A				

MSD Lab Sample ID:	660-7456-2	Analysis Batch:	660-21254	Instrument ID:	No Equipment Assigned
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	02/26/2006 0645			Final Weight/Volume:	50 mL
Date Prepared:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Nitrate Nitrite Nitrogen	106	94	80 - 120	11	30		
Nitrite Nitrogen	100	99	80 - 120	1	30		
Nitrate Nitrogen	113	91	80 - 120	21	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7456-1

Method Blank - Batch: 660-21564

Method: 365.4
Preparation: 365.2/365.3

Lab Sample ID: MB 660-21564/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/03/2006 0915
Date Prepared: 03/01/2006 1630

Analysis Batch: 660-21565
Prep Batch: 660-21564
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

Analyte	Result	Qual	MDL	PQL
Phosphorus, Total	0.017	U	0.017	0.10

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-21564

Method: 365.4
Preparation: 365.2/365.3

LCS Lab Sample ID: LCS 660-21564/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/03/2006 0915
Date Prepared: 03/01/2006 1630

Analysis Batch: 660-21565
Prep Batch: 660-21564
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

LCSD Lab Sample ID: LCSD 660-21564/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/03/2006 0915
Date Prepared: 03/01/2006 1630

Analysis Batch: 660-21565
Prep Batch: 660-21564
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Phosphorus, Total	102	101	90 - 110	1	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7456-1

Method Blank - Batch: 660-21492

Method: 405.1
Preparation: N/A

Lab Sample ID: USB 660-21492/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/25/2006 1200
Date Prepared: N/A

Analysis Batch: 660-21492
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 300 mL
Final Weight/Volume: 300 mL

Analyte	Result	Qual	RL	PQL
Biochemical Oxygen Demand	2.0	U	2.0	2.0

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-21492

Method: 405.1
Preparation: N/A

LCS Lab Sample ID: LCS 660-21492/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/25/2006 1200
Date Prepared: N/A

Analysis Batch: 660-21492
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 300 mL
Final Weight/Volume: 300 mL

LCSD Lab Sample ID: LCSD 660-21492/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/25/2006 1200
Date Prepared: N/A

Analysis Batch: 660-21492
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 300 mL
Final Weight/Volume: 300 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Biochemical Oxygen Demand	95	93	85 - 115	3	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7456-1

Method Blank - Batch: 660-21694

Method: 415.1
Preparation: N/A

Lab Sample ID: MB 660-21694/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/03/2006 1227
Date Prepared: N/A

Analysis Batch: 660-21694
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 40 mL

Analyte	Result	Qual	MDL	PQL
Total Organic Carbon	0.53	U	0.53	1.0

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-21694

Method: 415.1
Preparation: N/A

LCS Lab Sample ID: LCS 660-21694/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/03/2006 1227
Date Prepared: N/A

Analysis Batch: 660-21694
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 40 mL

LCSD Lab Sample ID: LCSD 660-21694/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/03/2006 1227
Date Prepared: N/A

Analysis Batch: 660-21694
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 40 mL

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Total Organic Carbon	96	96	80 - 120	0	25		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7456-1

Method Blank - Batch: 660-21726

Method: 415.1
Preparation: N/A

Lab Sample ID: MB 660-21726/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/06/2006 1813
Date Prepared: N/A

Analysis Batch: 660-21726
Prep Batch: N/A
Units: mg/L

Instrument ID: OI Analytical TOC Analyzer
Lab File ID: XXX007.rlt
Initial Weight/Volume:
Final Weight/Volume: 40 mL

Analyte	Result	Qual	MDL	PQL
Total Organic Carbon	0.53	U	0.53	1.0

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-21726

Method: 415.1
Preparation: N/A

LCS Lab Sample ID: LCS 660-21726/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/06/2006 1833
Date Prepared: N/A

Analysis Batch: 660-21726
Prep Batch: N/A
Units: mg/L

Instrument ID: OI Analytical TOC Analyzer
Lab File ID: XXX008.rlt
Initial Weight/Volume:
Final Weight/Volume: 40 mL

LCSD Lab Sample ID: LCSD 660-21726/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/06/2006 1853
Date Prepared: N/A

Analysis Batch: 660-21726
Prep Batch: N/A
Units: mg/L

Instrument ID: OI Analytical TOC Analyz
Lab File ID: XXX009.rlt
Initial Weight/Volume:
Final Weight/Volume: 40 mL

Analyte	% Rec. LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Total Organic Carbon	101	99	80 - 120	2	25		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7456-1

Method Blank - Batch: 660-21809

Method: 5220C
Preparation: N/A

Lab Sample ID: MB 660-21809/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/03/2006 2000
Date Prepared: N/A

Analysis Batch: 660-21809
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 2.5 mL
Final Weight/Volume: 2.5 mL

Analyte	Result	Qual	RL	PQL
Chemical Oxygen Demand	20	U	20	20

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-21809

Method: 5220C
Preparation: N/A

LCS Lab Sample ID: LCS 660-21809/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/03/2006 2000
Date Prepared: N/A

Analysis Batch: 660-21809
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 2.5 mL
Final Weight/Volume: 2.5 mL

LCSD Lab Sample ID: LCSD 660-21809/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/03/2006 2000
Date Prepared: N/A

Analysis Batch: 660-21809
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 2.5 mL
Final Weight/Volume: 2.5 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chemical Oxygen Demand	102	100	80 - 120	2	40		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: HDR Engineering

Job Number: 660-7456-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-21809

Method: 5220C
Preparation: N/A

MS Lab Sample ID:	660-7492-K-1 MS	Analysis Batch:	660-21809	Instrument ID:	No Equipment Assigned
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	2.5 mL
Date Analyzed:	03/03/2006 2000			Final Weight/Volume:	2.5 mL
Date Prepared:	N/A				

MSD Lab Sample ID:	660-7492-K-1 MSD	Analysis Batch:	660-21809	Instrument ID:	No Equipment Assigned
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	2.5 mL
Date Analyzed:	03/03/2006 2000			Final Weight/Volume:	2.5 mL
Date Prepared:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chemical Oxygen Demand	102	107	80 - 120	5	40		

Calculations are performed before rounding to avoid round-off errors in calculated results.

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Client:	STL Tampa	**Report No.:**	J061386
Project Name:	STL-TAMPA (Trailridge 4P)	**Date Sampled:**	2/24/06
Project Number:		**Date Received:**	2/24/06 09:40
		Date Reported:	3/13/06

Attention: Nancy Robertson
Phone Number: 8138857427

Address: 6712 Benjamin Rd Ste 100

Tampa, FL 33634

Project Description

The analytical results for the samples contained in this report were submitted for analysis as outlined by the Chain of Custody.

Project Name: STL-TAMPA (Trailridge 4P)

Approved By: ✓ Paul Gunsaulies 2006.03.13 10:46:52 -05'00'

Paul Gunsaulies, Project Manager

If there are any questions involving this report, the above named should be contacted.

THIS REPORT SHALL NOT BE REPRODUCED, EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF THE LABORATORY.

Advanced Environmental Laboratories certifies that the test results in this report meet all requirements of the NELAC standards, unless notated otherwise in the body of the report.

Total Number of Pages = 4 + 3 COC

SEVERN TRENT STL®

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: STL Tampa
Project Name: STL-TAMPA (Trailridge 4P)

Report No.: J061386
Date/Time Received: 2/24/06 09:40

Lab Code: J061386-01
Client Sample ID: 1
Site: SW-1
Matrix: Water

Date/Time Sampled: 2/24/06 07:30
Shipping Method: Client drop off
Sampled By: Client
Sampling Method: G

Miscellaneous Analytes

Analytes:	Dilution	Adjusted MDL	Adjusted PQL	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Chlorophyll A	1	1.0	1.0	10	mg/m3		SM10200H		T
* Fecal Coliform (MF)	1	1.0	1.0	164.	cfu/100ml		SM9222D		J

J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)
T DOH certification #E84589 (AEL-Tampa) (FL NELAC Certification)
* Comment for Fecal Coliform (MF) -- AVG OF SAMPLE FRACTION A & B

Lab Code: J061386-02
Client Sample ID: 2
Site: SW-2
Matrix: Water

Date/Time Sampled: 2/24/06 08:00
Shipping Method: Client drop off
Sampled By: Client
Sampling Method: G

Miscellaneous Analytes

Analytes:	Dilution	Adjusted MDL	Adjusted PQL	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Chlorophyll A	1	1.0	1.0	1.0	mg/m3	U	SM10200H		T
* Fecal Coliform (MF)	1	1.0	1.0	1265.	cfu/100ml		SM9222D		J

U The compound was analyzed for but not detected.
J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)
T DOH certification #E84589 (AEL-Tampa) (FL NELAC Certification)
* Comment for Fecal Coliform (MF) -- AVG OF SAMPLE FRACTION A & B

SEVERN TRENT STL®

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: STL Tampa
Project Name: STL-TAMPA (Trailridge 4P)

Report No.: J061386
Date/Time Received: 2/24/06 09:40

Sample Cross Reference Information

Lab Code: J061386-01 **Site:** SW-1
Client Sample Number: 1 **Matrix:** Water

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time		Analyst	Prep Batch ID	Prep Date/Time
Chlorophyll A	SM10200H	NONE			10:00			
Fecal Coliform (MF)	SM9222D	NONE	MIC-022406-F	2/24/06	12:40	AJL		

If the Analytical Batch ID and Prep Batch IDis null, the analysis was not performed by AEL, and the original report from the subcontracted laboratory will be provided containing this information.

Lab Code: J061386-02 **Site:** SW-2
Client Sample Number: 2 **Matrix:** Water

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time		Analyst	Prep Batch ID	Prep Date/Time
Chlorophyll A	SM10200H	NONE			10:00			
Fecal Coliform (MF)	SM9222D	NONE	MIC-022406-F	2/24/06	12:40	AJL		

If the Analytical Batch ID and Prep Batch IDis null, the analysis was not performed by AEL, and the original report from the subcontracted laboratory will be provided containing this information.

SEVERN TRENT STL®

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: STL Tampa
Project Name: STL-TAMPA (Trailridge 4P)

Report No.: J061386
Date/Time Received: 2/24/06 09:40

Quality Assurance Report

Method Blanks

Miscellaneous Analytes

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
MIC-022406-F	Fecal Coliform (MF)	Pre Filter	SM9222D	1.0	1.0	cfu/100ml	U
MIC-022406-F	Fecal Coliform (MF)	Post Filter	SM9222D	1.0	1.0	cfu/100ml	U

Quality Assurance Qualifiers:

U The compound was analyzed for but not detected.

Definitions:

Water matrix refers to all aqueous matrices except drinking water, including but not limited to, wastewater, ground water, surface water, aqueous wastes and leach
Soil matrix refers to all non-aqueous matrices, including soils, solids, sludges, semi-solids, and non-aqueous waste samples
All results in mg/kg or % are reported in dry weight basis, unless notated otherwise. All results in mg/L are reported in wet weight basis.
MDL Method Detection Limit, without correction for dilution or moisture content
Adjusted Reporting Limit is the MDL accounting for all dilutions and moisture content cacluations.
PQL is defined to be 4 times the MDL, for all results qualified with a 'f' qualifier.
Sampling Method; G=Grab, P=Pump, C=Composite

The estimated measurements of uncertainty can be provided upon request

This is the last page of the analytical report.

SEVERN TRENT STL®

Advanced Environmental Labs Inc

Advanced Environmental
6601 Southpoint Parkway
Jacksonville, FL 32216

Client: STL-Tampa Project name: STL-Tampa (Trailridge) 4P

Date/Time Rcvd: 02/24/09 0940 Log-In request number: JC013806

Received by: Completed by:

Cooler/Shipping Information:

Courier: ☐ AEL ☑ Client ☐ UPS ☐ Pony Express ☐ FedEx ☐ AES ☐ ASAP ☐ Other (describe):

Type: ☑ Cooler ☐ Box ☐ Other (describe)

Cooler temperature: Identify the cooler and document the temperature blank or ice water measurement

Cooler ID	1				
Temp (°C)	0°				
Temp taken from	☐ Sample Bottle ☑ Cooler	☐ Sample Bottle ☐ Cooler	☐ Sample Bottle ☐ Cooler	☐ Sample Bottle ☐ Cooler	☐ Sample Bottle ☐ Cooler
Temp measured with	☑ IR gun ☐ Thermometer (enter ID):	☐ IR gun ☐ Thermometer (enter ID):	☐ IR gun ☐ Thermometer (enter ID):	☐ IR gun ☐ Thermometer (enter ID):	☐ IR gun ☐ Thermometer (enter ID):

Other Information:

Any discrepancies should be explained in the "Comments" section below.

CHECKLIST	YES	NO	NA
1. Were custody seals on shipping container(s) intact?			✓
2. Were custody papers properly included with samples?	✓		
3. Were custody papers properly filled out (ink, signed, match labels)?	✓		
4. Did all bottles arrive in good condition (unbroken)?	✓		
5. Were all bottle labels complete (sample #, date, signed, analysis, preservatives)?	✓		
6. Did the sample labels agree with the chain of custody?	✓		
7. Were correct bottles used for the tests indicated?	✓		
8. Were proper sample preservation techniques indicated on the label?	✓		
9. Were samples received within holding times?	✓		
10. Were all VOA vials checked for the presence of air bubbles?			✓
11. Were there air bubbles present in the VOA vials?			✓
12. Were samples in direct contact with wet ice? If "No," check one: ☐ NO ICE ☐ BLUE ICE	✓		
13. Was the cooler temperature less than 6°C?	✓		
14. Were the sample containers provided by AEL?	✓		
15. Were samples accepted into the laboratory?	✓		
16. Was it necessary to split samples into other bottles?		✓	

Comments:

Chain-of-Custody for AEL Jax to AEL Tampa

AEL Jax
6601 Southpoint Parkway
Jacksonville, FL 32216
904-363-9350 Fax 904-363-9354
Contact Person: Sean Hyde

AEL Tampa
9610 Princess Palm Avenue
Tampa, FL 33619
813-630-9616 Fax 813-630-4327
Contact Person: Michael Cammarata

Project #: J061386
CustomerName: STL Tampa
Collector: Client

Department: Wetchem (Tampa)

☐ **Check if Rush**

Lab Code	Client Sample ID	Test	Matrix	Collect Date	/ Time	Receive Date	Due Date	# Bottles	Bottle Type (Pres.)
J061386-01	1	Chlorophyll A (J)	Water	02/24/2006	07:30	2/24/06 09:40	03/10/2006		1L Amber Glass
J061386-02	2	Chlorophyll A (J)	Water	02/24/2006	08:00	2/24/06 09:40	03/10/2006		1L Amber Glass

Jacksonville Relinquisher: D. Satterfield
Shipping Relinquisher:

Shipping Receiver: 3/5 Pony Express
Tampa Receiver: K. Madden

Date/Time: 02/27/2006 ~~15:37:37~~ 1700
Date/Time: 2/28/06 09:

Chain of Custody Record

J061386

SEVERN TRENT STL
Severn Trent Laboratories, Inc.

STL Denver
4955 Yarrow Street
Arvada, CO 80002

STL-4124 (0901)

Client	Project Manager	Date	Chain of Custody Number
STL-TAMPA	NANCY ROBERTSON	2-24-06	326706

Address: 5110 KWY 301
Telephone Number (Area Code)/Fax Number:
Lab Number:
Page 1 of 1

City: BALDWIN | State: FL | Zip Code:
Site Contact:
Lab Contact:
Project Name and Location (State): STL-TAMPA (TRAILRIDGE 4P)
Carrier/Waybill Number:
Contract/Purchase Order/Quote No.:

Analysis (Attach list if more space is needed)

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Methio	Fecal Coliform	Chlorophyll-2	Special Instructions/ Conditions of Receipt
SW-1	2-24	0730		X			1						2	2	1	01
SW-2	2-24	0800		X			1						2	2	1	02

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other_____

QC Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By: [signature]	2-24-06	0940	1. Received By: [signature]	2/24/06	09:40
2. Relinquished By:			2. Received By:		
3. Relinquished By:			3. Received By:		

Comments:

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

SEVERN TRENT STL®

LOGIN SAMPLE RECEIPT CHECK LIST

Client: HDR Engineering

Job Number: 660-7456-1

Login Number: 7456

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	NA	
The cooler's custody seal, if present, is intact.	NA	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

Advanced
Environmental Laboratories, Inc.

6601 Southpoint Parkway
Jacksonville, Florida 32216
(904) 363-9350
FAX (904) 363-9354

Client:	STL Tampa	**Report No.:**	J061386
Project Name:	STL-TAMPA (Trailridge 4P)	**Date Sampled:**	2/24/06
Project Number:		**Date Received:**	2/24/06 09:40
		Date Reported:	3/13/06

Attention: Nancy Robertson
Phone Number: 8138857427

Address: 6712 Benjamin Rd Ste 100

Tampa, FL 33634

Project Description

The analytical results for the samples contained in this report were submitted for analysis as outlined by the Chain of Custody.

Project Name: STL-TAMPA (Trailridge 4P)

Approved By: ✓ Paul Gunsaulies 2006.03.13 10:46:52 -05'00'

Paul Gunsaulies, Project Manager

If there are any questions involving this report, the above named should be contacted.

THIS REPORT SHALL NOT BE REPRODUCED, EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF THE LABORATORY.

Advanced Environmental Laboratories certifies that the test results in this report meet all requirements of the NELAC standards, unless notated otherwise in the body of the report.

Total Number of Pages = 4 + 3 COC

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: STL Tampa
Project Name: STL-TAMPA (Trailridge 4P)

Report No.: J061386
Date/Time Received: 2/24/06 09:40

Lab Code: J061386-01
Client Sample ID: 1
Site: SW-1
Matrix: Water

Date/Time Sampled: 2/24/06 07:30
Shipping Method: Client drop off
Sampled By: Client
Sampling Method: G

Miscellaneous Analytes

Analytes:	Dilution	Adjusted MDL	Adjusted PQL	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Chlorophyll A	1	1.0	1.0	10	mg/m3		SM10200H		T
* Fecal Coliform (MF)	1	1.0	1.0	164.	cfu/100ml		SM9222D		J

J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)
T DOH certification #E84589 (AEL-Tampa) (FL NELAC Certification)
* Comment for Fecal Coliform (MF) -- AVG OF SAMPLE FRACTION A & B

Lab Code: J061386-02
Client Sample ID: 2
Site: SW-2
Matrix: Water

Date/Time Sampled: 2/24/06 08:00
Shipping Method: Client drop off
Sampled By: Client
Sampling Method: G

Miscellaneous Analytes

Analytes:	Dilution	Adjusted MDL	Adjusted PQL	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Chlorophyll A	1	1.0	1.0	1.0	mg/m3	U	SM10200H		T
* Fecal Coliform (MF)	1	1.0	1.0	1265.	cfu/100ml		SM9222D		J

U The compound was analyzed for but not detected.
J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)
T DOH certification #E84589 (AEL-Tampa) (FL NELAC Certification)
* Comment for Fecal Coliform (MF) -- AVG OF SAMPLE FRACTION A & B

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: STL Tampa
Project Name: STL-TAMPA (Trailridge 4P)

Report No.: J061386
Date/Time Received: 2/24/06 09:40

Sample Cross Reference Information

Lab Code: J061386-01 **Site: SW-1**
Client Sample Number: 1 **Matrix: Water**

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time	Analyst	Prep Batch ID	Prep Date/Time
Chlorophyll A	SM10200H	NONE		10:00			
Fecal Coliform (MF)	SM9222D	NONE	MIC-022406-F	2/24/06 12:40	AJL		

If the Analytical Batch ID and Prep Batch IDis null, the analysis was not performed by AEL, and the original report from the subcontracted laboratory will be provided containing this information.

Lab Code: J061386-02 **Site: SW-2**
Client Sample Number: 2 **Matrix: Water**

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time	Analyst	Prep Batch ID	Prep Date/Time
Chlorophyll A	SM10200H	NONE		10:00			
Fecal Coliform (MF)	SM9222D	NONE	MIC-022406-F	2/24/06 12:40	AJL		

If the Analytical Batch ID and Prep Batch IDis null, the analysis was not performed by AEL, and the original report from the subcontracted laboratory will be provided containing this information.

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: STL Tampa
Project Name: STL-TAMPA (Trailridge 4P)

Report No.: J061386
Date/Time Received: 2/24/06 09:40

Quality Assurance Report

Method Blanks

Miscellaneous Analytes

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
MIC-022406-F	Fecal Coliform (MF)	Pre Filter	SM9222D	1.0	1.0	cfu/100ml	U
MIC-022406-F	Fecal Coliform (MF)	Post Filter	SM9222D	1.0	1.0	cfu/100ml	U

Quality Assurance Qualifiers:

U The compound was analyzed for but not detected.

Definitions:

Water matrix refers to all aqueous matrices except drinking water, including but not limited to, wastewater, ground water, surface water, aqueous wastes and leach
Soil matrix refers to all non-aqueous matrices, including soils, solids, sludges, semi-solids, and non-aqueous waste samples
All results in mg/kg or % are reported in dry weight basis, unless notated otherwise. All results in mg/L are reported in wet weight basis.
MDL *Method Detection Limit, without correction for dilution or moisture content*
Adjusted Reporting Limit is the MDL accounting for all dilutions and moisture content cacluations.
PQL is defined to be 4 times the MDL, for all results qualified with a 'i' qualifier.
Sampling Method; G=Grab, P=Pump, C=Composite

The estimated measurements of uncertainty can be provided upon request

This is the last page of the analytical report.

La Advanced Environmental Labs Inc

Advanced Environmental
6601 Southpoint Parkway
Jacksonville, FL 32216

Client: STL-Tampa **Project name:** STL-Tampa (Trailridge) 4P

Date/Time Rcvd: 02/24/06 0940 **Log-In request number:** J061386

Received by: [signature] **Completed by:** [signature]

Cooler/Shipping Information:

Courier: ☐ AEL ☑ Client ☐ UPS ☐ Pony Express ☐ FedEx ☐ AES ☐ ASAP ☐ Other (describe): _____

Type: ☑ Cooler ☐ Box ☐ Other (describe) _____

Cooler temperature: Identify the cooler and document the temperature blank or ice water measurement

Cooler ID	1				
Temp (°C)	0°				
Temp taken from	☐ Sample Bottle ☑ Cooler	☐ Sample Bottle ☐ Cooler	☐ Sample Bottle ☐ Cooler	☐ Sample Bottle ☐ Cooler	☐ Sample Bottle ☐ Cooler
Temp measured with	☑ IR gun ☐ Thermometer (enter ID):	☐ IR gun ☐ Thermometer (enter ID):	☐ IR gun ☐ Thermometer (enter ID):	☐ IR gun ☐ Thermometer (enter ID):	☐ IR gun ☐ Thermometer (enter ID):

Other Information:

Any discrepancies should be explained in the "Comments" section below.

CHECKLIST	YES	NO	NA
1. Were custody seals on shipping container(s) intact?			✓
2. Were custody papers properly included with samples?	✓		
3. Were custody papers properly filled out (ink, signed, match labels)?	✓		
4. Did all bottles arrive in good condition (unbroken)?	✓		
5. Were all bottle labels complete (sample #, date, signed, analysis, preservatives)?	✓		
6. Did the sample labels agree with the chain of custody?	✓		
7. Were correct bottles used for the tests indicated?	✓		
8. Were proper sample preservation techniques indicated on the label?	✓		
9. Were samples received within holding times?	✓		
10. Were all VOA vials checked for the presence of air bubbles?			✓
11. Were there air bubbles present in the VOA vials?			✓
12. Were samples in direct contact with wet ice? If "No," check one: ☐ NO ICE ☐ BLUE ICE	✓		
13. Was the cooler temperature less than 6°C?	✓		
14. Were the sample containers provided by AEL?	✓		
15. Were samples accepted into the laboratory?	✓		
16. Was it necessary to split samples into other bottles?		✓	

Comments:

Chain-of-Custody for AEL Jax to AEL Tampa

AEL Jax
6601 Southpoint Parkway
Jacksonville, FL 32216
904-363-9350 Fax 904-363-9354
Contact Person: Sean Hyde

AEL Tampa
9610 Princess Palm Avenue
Tampa, FL 33619
813-630-9616 Fax 813-630-4327
Contact Person: Michael Cammarata

Project #: J061386
CustomerName: STL Tampa
Collector: Client

Department: **Wetchem (Tampa)**

☐ **Check if Rush**

Lab Code	Client Sample ID	Test	Matrix	Collect Date	/ Time	Receive Date	Due Date	# Bottles	Bottle Type (Pres.)
J061386-01	1	Chlorophyll A (J)	Water	02/24/2006	07:30	2/24/06 09:40	**03/10/2006**		1L Amber Glass
J061386-02	2	Chlorophyll A (J)	Water	02/24/2006	08:00	2/24/06 09:40	**03/10/2006**		1L Amber Glass

Jacksonville Relinquisher: D. Satterfield

Shipping Relinquisher:

Shipping Receiver: 13/5 Pony Express

Tampa Receiver: K. Madden

Date/Time: 02/27/2006 ~~15:37:37~~ 1700

Date/Time: 2/28/06 09:

Chain of Custody Record

J061386

SEVERN TRENT STL

Severn Trent Laboratories, Inc.

STL Denver
4955 Yarrow Street
Arvada, CO 80002

STL-4124 (0901)

Client	Project Manager	Date	Chain of Custody Number
STL-TAMPA	NANCY ROBERTSON	2-24-06	326706
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 1**
5110 HWY 301			
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
BALOW, IN / FL			
Project Name and Location (State)	**Carrier/Waybill Number**		
STL-TAMPA (TRAIL RIDGE LP)			
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Volatiles	Analysis: Fecal Coliform	Chlorophyll-a	Special Instructions/ Conditions of Receipt
SW-1	2-24	0730		X			1						2	2	1	01
SW-2	2-24	0800		X			1						2	2	1	02

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other_____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	2-24-06	0940	1. Received By	2/24/06	09:40
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Serial Number 30288

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN TRENT **STL**

STL Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634
Website: www.stl-inc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
~~STL TAMPA~~ CITY OF JAX		FL
SAMPLER'S SIGNATURE	P.O. NUMBER	CONTRACT NO.
CLIENT (SITE) PM ~~NANCY ROBERTSON~~ AL BURSEN	CLIENT PHONE	CLIENT FAX
CLIENT NAME TRAIL RIDGE	CLIENT E-MAIL	
CLIENT ADDRESS 5110 HWY 301 BALDWIN, FL		
COMPANY CONTRACTING THIS WORK (if applicable)		

PAGE 1 OF 1

STANDARD REPORT DELIVERY (X)
DATE DUE _____
EXPEDITED REPORT DELIVERY (SURCHARGE) ( )
DATE DUE _____

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	MATRIX: COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT,...)	REQUIRED ANALYSIS: TP, NH3, TKN, TN	COD	Metals, Hardness	TOC	8260 App I	EDB	TDS, TSS, NO2, NO3	BOD	THALLIUM	NUMBER OF CONTAINERS SUBMITTED	REMARKS
PRESERVATIVE								H_2SO_4	H_2SO_4	HNO3	H_2SO_4	HCl	HCl	None	None	HNO3		
2-24	0730	SW-1	G	X				1	1	1	1	3	3	1	1	1		NOTE:
2-24	0800	SW-2	G	X														FECAL COLIFORM & CHLOROPHYLL-A
2-24	—	TRIP	G	X														SEE HAND DELIVERED TO SUB-CONTRACT LAB - AEL

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS	1-15-06	1300		2-24-06	1800			
RECEIVED BY: (SIGNATURE) EMPTY CONTAINERS	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE 2-25-06	TIME 1030	RECEIVED BY: (SIGNATURE)	DATE	TIME

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT YES ( ) NO ( )	CUSTODY SEAL NO.	STL TAMPA LOG NO.	LABORATORY REMARKS
	2-25-06	1030			660-7456	5° FX

Appendix F

FDEP Semi-Annual Condensate Parameter Monitoring Report Forms

Facility Name: Trail Ridge Landfill

PARAMETER MONITORING REPORT
Rule 62-701
WACS Report Type: SEMLC
Description: Semiannual Leachate (1 Pages)

WACS Facility ID #: 33628
WACS Testsite ID #: 0
WACS Testsite Name: COND.
Water Classification: LC
(i.e.: LC - Leachate, G-II, SW-IIIF)

Sample Date/Time: 2/24/2006 8:30:00AM
Sampling Method: Unknown
Permitted Well Type: OT

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

* Well Purged prior to Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
034621	2,4,6-Trichlorophenol	N	E84282	8270C	3/10/2006 5:52:00PM	24	24	ug/L	U
039340	gamma-BHC (Lindane)	N	E84282	8081A	3/11/2006 7:46:00PM	0.21	0.21	ug/L	U
000299	Oxygen, Dissolved	N	E84282	Field Sampling	2/24/2006 8:30:00AM	4.1		mg/L	
000094	Specific Conductance	N	E84282	Field Sampling	2/24/2006 8:30:00AM	3768		umhos/cm	
082079	Turbidity	N	E84282	Field Sampling	2/24/2006 8:30:00AM	3.7		NTU	
039350	Chlordane (technical)	N	E84282	8081A	3/11/2006 7:46:00PM	3.4	3.4	ug/L	U
039390	Endrin	N	E84282	8081A	3/11/2006 7:46:00PM	0.61	0.61	ug/L	U
039420	Heptachlor epoxide	N	E84282	8081A	3/11/2006 7:46:00PM	0.22	0.22	ug/L	U
039410	Heptachlor	N	E84282	8081A	3/11/2006 7:46:00PM	0.36	0.36	ug/L	U
039032	Pentachlorophenol	N	E84282	8270C	3/10/2006 5:52:00PM	28	28	ug/L	U
039480	Methoxychlor	N	E84282	8081A	3/11/2006 7:46:00PM	0.44	0.44	ug/L	U
039400	Toxaphene	N	E84282	8081A	3/11/2006 7:46:00PM	19	19	ug/L	U
039730	2,4-D	N	E84282	8151A	3/12/2006 7:17:00AM	7.5	7.5	ug/L	U
[illegible]760	Silvex (2,4,5-TP)	N	E84282	8151A	3/12/2006 7:17:00AM	1.6	1.6	ug/L	U
[illegible]71	1,4-Dichlorobenzene	N	E84282	8270C	3/10/2006 5:52:00PM	38	27	ug/L	I
[illegible]00406	Field pH	N	E84282	Field Sampling	2/24/2006 8:30:00AM	6.77		SU	
034611	2,4-Dinitrotoluene	N	E84282	8270C	3/10/2006 5:52:00PM	27	27	ug/L	U
077687	2,4,5-Trichlorophenol	N	E84282	8270C	3/10/2006 5:52:00PM	34	34	ug/L	U
039700	Hexachlorobenzene	N	E84282	8270C	3/10/2006 5:52:00PM	24	24	ug/L	U
034391	Hexachlorobutadiene	N	E84282	8270C	3/10/2006 5:52:00PM	32	32	ug/L	U
034396	Hexachloroethane	N	E84282	8270C	3/10/2006 5:52:00PM	32	32	ug/L	U
977148	m & p Cresol	N	E84282	8270C	3/10/2006 5:52:00PM	31	31	ug/L	U
034447	Nitrobenzene	N	E84282	8270C	3/10/2006 5:52:00PM	31	31	ug/L	U
077152	o-Cresol	N	E84282	8270C	3/10/2006 5:52:00PM	130	31	ug/L	I
000010	Field Temperature	N	E84282	Field Sampling	2/24/2006 8:30:00AM	21.9		Degrees C	
077045	Pyridine	N	E84282	8270C	3/10/2006 5:52:00PM	370	43	ug/L	I
001002	Arsenic	N	E84282	6010B	3/6/2006 9:55:00AM	220	120	ug/L	I
001007	Barium	N	E84282	6010B	3/6/2006 9:55:00AM	30	30	ug/L	U
001027	Cadmium	N	E84282	6010B	3/6/2006 9:55:00AM	18	18	ug/L	U
001034	Chromium	N	E84282	6010B	3/6/2006 9:55:00AM	43	43	ug/L	U
001051	Lead	N	E84282	6010B	3/6/2006 9:55:00AM	40	40	ug/L	U
001147	Selenium	N	E84282	6010B	3/6/2006 9:55:00AM	150	150	ug/L	U
001077	Silver	N	E84282	6010B	3/6/2006 9:55:00AM	48	48	ug/L	U
071900	Mercury	N	E84282	7470A	3/6/2006 5:07:00PM	0.8	0.36	ug/L	

Total Parameters Monitored: 34

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Form Produced by FDEP Validator software

Appendix G

STL Laboratory Reports – Condensate Sample Points

SEVERN TRENT STL®

ANALYTICAL REPORT

Job Number: 660-7458-1

Job Description: Trail Ridge

For:
HDR Engineering
200 W. Forsyth St., Suite 800
Jacksonville, FL 32202

Attention: Mr. Brad Stone

Nancy Robertson
Project Manager II
nrobertson@stl-inc.com
04/07/2006

Project Manager: Nancy Robertson

DOH Certification #: E84282
These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL Project Manager who signed this test report. The estimated uncertainty associated with these reported results is available upon request.

SEVERN TRENT STL®

Case Narrative:	STL Project 660-7458
Client:	HDR Engineering
Project:	Trail Ridge Landfill COND
Laboratory:	STL Tampa

One liquid sample was received on February 25, 2006 and logged in as STL Project 660-7458.

TCLP 8260
Due to a laboratory error, the sample COND was analyzed for total volatiles and not TCLP volatiles. Although the results were below the TCLP limits, the client will re sample for TCLP volatiles.

SEVERN TRENT STL®

EXECUTIVE SUMMARY - Detections

Client: HDR Engineering

Job Number: 660-7458-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
660-7458-1	**COND.**					
TCLP						
Pyridine		370	I	1300	ug/L	8270C
o-Cresol		130	I	250	ug/L	8270C
1,4-Dichlorobenzene		38	I	250	ug/L	8270C
Arsenic		220	I	1000	ug/L	6010B
Mercury		0.80		0.50	ug/L	7470A

SEVERN TRENT STL®

METHOD SUMMARY

Client: HDR Engineering

Job Number: 660-7458-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	STL-TAM	SW846 8270C	
Toxicity Characteristic Leaching Procedure	STL-TAM		SW846 1311
Continuous Liquid-Liquid Extraction	STL-TAM		SW846 3520C
Organochlorine Pesticides by Gas Chromatography	STL-TAM	SW846 8081A	
Toxicity Characteristic Leaching Procedure	STL-TAM		SW846 1311
Separatory Funnel Liquid-Liquid Extraction	STL-TAM		SW846 3510C
Chlorinated Herbicides by GC Using Methylation or Pentafluorobenzylation Derivat	STL-TAM	SW846 8151A	
Toxicity Characteristic Leaching Procedure	STL-TAM		SW846 1311
Chlorinated Herbicides by GC - Aqueous Prep	STL-TAM		SW846 8151A
Inductively Coupled Plasma - Atomic Emission Spectrometry	STL-TAM	SW846 6010B	
Toxicity Characteristic Leaching Procedure	STL-TAM		SW846 1311
Acid Digestion of Aqueous Samples and Extracts	STL-TAM		SW846 3010A
Mercury in Liquid Waste (Manual Cold Vapor Technique)	STL-TAM	SW846 7470A	
Toxicity Characteristic Leaching Procedure	STL-TAM		SW846 1311
Mercury in Liquid Waste (Manual Cold Vapor	STL-TAM		SW846 7470A
Field Sampling	STL-TAM	EPA Field Sampling	
Toxicity Characteristic Leaching Procedure	STL-TAM	SW846 1311	

LAB REFERENCES:

STL-TAM = STL-Tampa

METHOD REFERENCES:

EPA - US Environmental Protection Agency

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

SEVERN TRENT STL®

METHOD / ANALYST SUMMARY

Client: HDR Engineering

Job Number: 660-7458-1

Method	Analyst	Analyst ID
SW846 8270C	Carlson, Robyn	RC
SW846 8081A	Ortiz, Raymond	RO
SW846 8151A	Perrin, Todd	TP
SW846 6010B	Fox, Greg	GF
SW846 7470A	Phan, Qui	QP
EPA Field Sampling	Sampler, Field	FS

SEVERN TRENT STL®

SAMPLE SUMMARY

Client: HDR Engineering

Job Number: 660-7458-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
660-7458-1	COND.	Water	02/24/2006 0830	02/25/2006 1030

Client: HDR Engineering

Job Number: 660-7458-1

Client Sample ID: COND.

Lab Sample ID: 660-7458-1
Client Matrix: Water

Date Sampled: 02/24/2006 0830
Date Received: 02/25/2006 1030

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) -TCLP

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 03/10/2006 1752
Date Prepared: 03/02/2006 1700
Date Leached: 03/01/2006 1728

Analysis Batch: 660-21824
Prep Batch: 660-21512
Leachate Batch: 660-21436

Instrument ID: BSMC5973
Lab File ID: 1CC10016.D
Initial Weight/Volume: 200 mL
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Pyridine	370	I	43	1300
Pentachlorophenol	28	U	28	1300
Nitrobenzene	31	U	31	250
Hexachloroethane	32	U	32	250
Hexachlorobutadiene	32	U	32	250
Hexachlorobenzene	24	U	24	250
o-Cresol	130	I	31	250
m & p – Cresol	31	U	31	250
1,4-Dichlorobenzene	38	I	27	250
2,4-Dinitrotoluene	27	U	27	250
2,4,5-Trichlorophenol	34	U	34	250
2,4,6-Trichlorophenol	24	U	24	250

Surrogate	%Rec	Acceptance Limits
2,4,6-Tribromophenol	86	39 - 146
Phenol-d5	80	25 - 126
Nitrobenzene-d5	72	32 - 131
2-Fluorobiphenyl	74	40 - 129
Terphenyl-d14	79	10 - 149

Client: HDR Engineering

Job Number: 660-7458-1

Client Sample ID: COND.

Lab Sample ID: 660-7458-1
Client Matrix: Water

Date Sampled: 02/24/2006 0830
Date Received: 02/25/2006 1030

8081A Organochlorine Pesticides by Gas Chromatography -TCLP

Method:	8081A	Analysis Batch: 660-21930		Instrument ID:	AGILENT GC ECD/ECD
Preparation:	3510C	Prep Batch: 660-21778		Lab File ID:	1C11J025.D
Dilution:	1.0	Leachate Batch: 660-21436		Initial Weight/Volume:	20 mL
Date Analyzed:	03/11/2006 1946			Final Weight/Volume:	2 mL
Date Prepared:	03/08/2006 1326			Injection Volume:	
Date Leached:	03/01/2006 1728			Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Endrin	0.61	U	0.61	5.0
gamma-BHC (Lindane)	0.21	U	0.21	2.5
Methoxychlor	0.44	U	0.44	25
Chlordane (technical)	3.4	U	3.4	25
Toxaphene	19	U	19	250
Heptachlor	0.36	U	0.36	2.5
Heptachlor epoxide	0.22	U	0.22	2.5

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	64	30 - 150
Tetrachloro-m-xylene	47	30 - 150

Client: HDR Engineering

Job Number: 660-7458-1

Client Sample ID: **COND.**

Lab Sample ID: 660-7458-1
Client Matrix: Water

Date Sampled: 02/24/2006 0830
Date Received: 02/25/2006 1030

8151A Chlorinated Herbicides by GC Using Methylation or Pentafluorobenzylation Derivat -TCLP

Method: 8151A
Preparation: 8151A
Dilution: 1.0
Date Analyzed: 03/12/2006 0717
Date Prepared: 03/08/2006 1627
Date Leached: 03/01/2006 1728

Analysis Batch: 660-22005
Prep Batch: 660-21794
Leachate Batch: 660-21436

Instrument ID: AGILENT GC ECD/ECD
Lab File ID: 1C11J062.D
Initial Weight/Volume: 10 mL
Final Weight/Volume: 2 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
2,4-D	7.5	U	7.5	25
Silvex (2,4,5-TP)	1.6	U	1.6	25

Surrogate	%Rec	Acceptance Limits
2,4-Dichlorophenylacetic acid	96	33 - 120

Client: HDR Engineering

Job Number: 660-7458-1

Client Sample ID: COND.

Lab Sample ID:	660-7458-1	Date Sampled:	02/24/2006 0830
Client Matrix:	Water	Date Received:	02/25/2006 1030

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-TCLP

Method:	6010B	Analysis Batch: 660-21620		Instrument ID:	TJA ICP
Preparation:	3010A	Prep Batch: 660-21601		Lab File ID:	6C06B
Dilution:	5.0	Leachate Batch: 660-21436		Initial Weight/Volume:	50 mL
Date Analyzed:	03/06/2006 0955			Final Weight/Volume:	50 mL
Date Prepared:	03/05/2006 0916				
Date Leached:	03/01/2006 1728				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Silver	48	U	48	500
Arsenic	220	I	120	1000
Barium	30	U	30	500
Cadmium	18	U	18	500
Chromium	43	U	43	1000
Lead	40	U	40	1000
Selenium	150	U	150	500

7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)-TCLP

Method:	7470A	Analysis Batch: 660-21677		Instrument ID:	Hg Analyzer
Preparation:	7470A	Prep Batch: 660-21603		Lab File ID:	N/A
Dilution:	1.0	Leachate Batch: 660-21436		Initial Weight/Volume:	50 mL
Date Analyzed:	03/06/2006 1707			Final Weight/Volume:	50 mL
Date Prepared:	03/05/2006 1311				
Date Leached:	03/01/2006 1728				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Mercury	0.80		0.36	0.50

Field Service / Mobile Lab

Client Sample ID: COND.

Lab Sample ID: 660-7458-1
Client Matrix: Water % Moisture:

Date Sampled: 02/24/2006 0830
Date Received: 02/25/2006 1030

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Field pH	6.77		SU	1.0	Field	660-2131	02/24/2006 0830
Field Temperature	21.9		Degrees C	1.0	Field	660-2131	02/24/2006 0830
Oxygen, Dissolved	4.1		mg/L	1.0	Field	660-2131	02/24/2006 0830
Specific Conductance	3768		umhos/cm	1.0	Field	660-2131	02/24/2006 0830
Turbidity	3.7		NTU	1.0	Field	660-2131	02/24/2006 0830

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DATA REPORTING QUALIFIERS

Client: HDR Engineering

Job Number: 660-7458-1

Lab Section	Qualifier	Description
GC/MS Semi VOA		
	U	Indicates that the compound was analyzed for but not detected.
	I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
GC Semi VOA		
	U	Indicates that the compound was analyzed for but not detected.
Metals		
	U	Indicates that the compound was analyzed for but not detected.
	I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

Client: HDR Engineering

Job Number: 660-7458-1

Method Blank - Batch: 660-21512

Method: 8270C
Preparation: 3520C
TCLP

Lab Sample ID: MB 660-21512/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/07/2006 1750
Date Prepared: 03/02/2006 1700

Analysis Batch: 660-21824
Prep Batch: 660-21512
Units: ug/L

Instrument ID: BSMC5973
Lab File ID: 1CC07014.D
Initial Weight/Volume: 200 mL
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result	Qual	MDL	PQL
Pyridine	43	U	43	1300
Pentachlorophenol	28	U	28	1300
Nitrobenzene	31	U	31	250
Hexachloroethane	32	U	32	250
Hexachlorobutadiene	32	U	32	250
Hexachlorobenzene	24	U	24	250
o-Cresol	31	U	31	250
m & p – Cresol	31	U	31	250
1,4-Dichlorobenzene	27	U	27	250
2,4-Dinitrotoluene	27	U	27	250
2,4,5-Trichlorophenol	34	U	34	250
2,4,6-Trichlorophenol	24	U	24	250

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol	100	39 - 146
Phenol-d5	95	25 - 126
Nitrobenzene-d5	105	32 - 131
2-Fluorobiphenyl	90	40 - 129
Terphenyl-d14	113	10 - 149

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7458-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-21512

Method: 8270C
Preparation: 3520C
TCLP

LCS Lab Sample ID: LCS 660-21512/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/08/2006 1433
Date Prepared: 03/02/2006 1700

Analysis Batch: 660-21824
Prep Batch: 660-21512
Units: ug/L

Instrument ID: BSMC5973
Lab File ID: 1CC08012.D
Initial Weight/Volume: 200 mL
Final Weight/Volume: 1 mL
Injection Volume:

LCSD Lab Sample ID: LCSD 660-21512/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/07/2006 1838
Date Prepared: 03/02/2006 1700

Analysis Batch: 660-21824
Prep Batch: 660-21512
Units: ug/L

Instrument ID: BSMC5973
Lab File ID: 1CC07016.D
Initial Weight/Volume: 200 mL
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Pyridine	82	77	10 - 134	7	50	I	I
Pentachlorophenol	113	102	34 - 148	10	33	I	I
Nitrobenzene	99	99	34 - 124	0	21		
Hexachloroethane	75	69	21 - 94	9	35		
Hexachlorobutadiene	71	71	26 - 104	1	30		
Hexachlorobenzene	82	87	33 - 124	5	31		
o-Cresol	100	107	38 - 118	7	27		
m & p – Cresol	89	95	38 - 118	6	27		
1,4-Dichlorobenzene	83	77	30 - 95	8	31		
2,4-Dinitrotoluene	101	81	36 - 129	21	32		
2,4,5-Trichlorophenol	83	80	46 - 128	3	28		
2,4,6-Trichlorophenol	89	98	47 - 124	10	22		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7458-1

Method Blank - Batch: 660-21778

Method: 8081A
Preparation: 3510C
TCLP

Lab Sample ID: MB 660-21778/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/11/2006 1847
Date Prepared: 03/08/2006 1326

Analysis Batch: 660-21930
Prep Batch: 660-21778
Units: ug/L

Instrument ID: AGILENT GC ECD/ECD
Lab File ID: 1C11J022.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 2 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	PQL
Endrin	0.61	U	0.61	5.0
gamma-BHC (Lindane)	0.21	U	0.21	2.5
Methoxychlor	0.44	U	0.44	25
Chlordane (technical)	3.4	U	3.4	25
Toxaphene	19	U	19	250
Heptachlor	0.36	U	0.36	2.5
Heptachlor epoxide	0.22	U	0.22	2.5

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	48	30 - 150
Tetrachloro-m-xylene	48	30 - 150

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-21778

Method: 8081A
Preparation: 3510C
TCLP

LCS Lab Sample ID: LCS 660-21778/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/11/2006 1907
Date Prepared: 03/08/2006 1326

Analysis Batch: 660-21930
Prep Batch: 660-21778
Units: ug/L

Instrument ID: AGILENT GC ECD/ECD
Lab File ID: 1C11J023.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 2 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 660-21778/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/11/2006 1926
Date Prepared: 03/08/2006 1326

Analysis Batch: 660-21930
Prep Batch: 660-21778
Units: ug/L

Instrument ID: AGILENT GC ECD/ECD
Lab File ID: 1C11J024.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 2 mL
Injection Volume:
Column ID: PRIMARY

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Endrin	69	70	36 - 137	2	25		
gamma-BHC (Lindane)	79	82	24 - 118	4	36		
Heptachlor	67	69	34 - 114	3	26		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7458-1

Method Blank - Batch: 660-21794

Method: 8151A
Preparation: 8151A
TCLP

Lab Sample ID: MB 660-21794/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/12/2006 0549
Date Prepared: 03/08/2006 1627

Analysis Batch: 660-22005
Prep Batch: 660-21794
Units: ug/L

Instrument ID: AGILENT GC ECD/ECD
Lab File ID: 1C11J057.D
Initial Weight/Volume: 10 mL
Final Weight/Volume: 2 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	PQL
2,4-D	7.5	U	7.5	25
Silvex (2,4,5-TP)	1.6	U	1.6	25

Surrogate	% Rec	Acceptance Limits
2,4-Dichlorophenylacetic acid	83	33 - 120

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7458-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-21794

Method: 8151A
Preparation: 8151A
TCLP

LCS Lab Sample ID: LCS 660-21794/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/12/2006 0606
Date Prepared: 03/08/2006 1627

Analysis Batch: 660-22005
Prep Batch: 660-21794
Units: ug/L

Instrument ID: AGILENT GC ECD/ECD
Lab File ID: 1C11J058.D
Initial Weight/Volume: 10 mL
Final Weight/Volume: 2 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 660-21794/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/12/2006 0624
Date Prepared: 03/08/2006 1627

Analysis Batch: 660-22005
Prep Batch: 660-21794
Units: ug/L

Instrument ID: AGILENT GC ECD/ECD
Lab File ID: 1C11J059.D
Initial Weight/Volume: 10 mL
Final Weight/Volume: 2 mL
Injection Volume:
Column ID: PRIMARY

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
2,4-D	65	64	10 - 166	2	78		

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-21794

Method: 8151A
Preparation: 8151A
TCLP

LCS Lab Sample ID: LCS 660-21794/2-A
Client Matrix: Water
Dilution: 10
Date Analyzed: 03/12/2006 0641
Date Prepared: 03/08/2006 1627

Analysis Batch: 660-22005
Prep Batch: 660-21794
Units: ug/L

Instrument ID: AGILENT GC ECD/ECD
Lab File ID: 1C11J060.D
Initial Weight/Volume: 10 mL
Final Weight/Volume: 2 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 660-21794/3-A
Client Matrix: Water
Dilution: 10
Date Analyzed: 03/12/2006 0659
Date Prepared: 03/08/2006 1627

Analysis Batch: 660-22005
Prep Batch: 660-21794
Units: ug/L

Instrument ID: AGILENT GC ECD/ECD
Lab File ID: 1C11J061.D
Initial Weight/Volume: 10 mL
Final Weight/Volume: 2 mL
Injection Volume:
Column ID: PRIMARY

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Silvex (2,4,5-TP)	85	93	25 - 139	10	66		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7458-1

Method Blank - Batch: 660-21601

Method: 6010B
Preparation: 3010A
TCLP

Lab Sample ID: MB 660-21588/1-B
Client Matrix: Water
Dilution: 5.0
Date Analyzed: 03/06/2006 0825
Date Prepared: 03/05/2006 0916
Date Leached: 03/03/2006 1600

Analysis Batch: 660-21620
Prep Batch: 660-21601
Units: ug/L

Instrument ID: TJA ICP
Lab File ID: 6C06B
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	PQL
Silver	48	U	48	500
Arsenic	120	U	120	1000
Barium	30	U	30	500
Cadmium	18	U	18	500
Chromium	43	U	43	1000
Lead	40	U	40	1000
Selenium	150	U	150	500

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-21601

Method: 6010B
Preparation: 3010A
TCLP

LCS Lab Sample ID: LCS 660-21601/2-A
Client Matrix: Water
Dilution: 5.0
Date Analyzed: 03/06/2006 0830
Date Prepared: 03/05/2006 0916

Analysis Batch: 660-21620
Prep Batch: 660-21601
Units: ug/L

Instrument ID: TJA ICP
Lab File ID: 6C06B
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

LCSD Lab Sample ID: LCSD 660-21601/3-A
Client Matrix: Water
Dilution: 5.0
Date Analyzed: 03/06/2006 0835
Date Prepared: 03/05/2006 0916

Analysis Batch: 660-21620
Prep Batch: 660-21601
Units: ug/L

Instrument ID: TJA ICP
Lab File ID: 6C06B
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	%Rec. LCS	%Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Silver	97	96	75 - 125	1	20		
Arsenic	103	100	75 - 125	3	20		
Barium	100	101	75 - 125	1	20		
Cadmium	109	106	75 - 125	4	20		
Chromium	109	106	75 - 125	2	20		
Lead	108	105	75 - 125	3	20		
Selenium	103	102	75 - 125	1	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7458-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-21601

Method: 6010B
Preparation: 3010A
TCLP

MS Lab Sample ID:	660-7512-A-10-C MS^P	Analysis Batch: 660-21620	Instrument ID: TJA ICP
Client Matrix:	Water	Prep Batch: 660-21601	Lab File ID: 6C06B
Dilution:	5.0		Initial Weight/Volume: 50 mL
Date Analyzed:	03/06/2006 0849		Final Weight/Volume: 50 mL
Date Prepared:	03/05/2006 0916		
Date Leached:	03/03/2006 1600		

MSD Lab Sample ID:	660-7512-A-10-D	Analysis Batch: 660-21620	Instrument ID: TJA ICP
Client Matrix:	Water	Prep Batch: 660-21601	Lab File ID: 6C06B
Dilution:	5.0		Initial Weight/Volume: 50 mL
Date Analyzed:	03/06/2006 0854		Final Weight/Volume: 50 mL
Date Prepared:	03/05/2006 0916		
Date Leached:	03/03/2006 1600		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Silver	95	98	75 - 125	3	20		
Arsenic	112	115	75 - 125	3	20		
Barium	97	103	75 - 125	4	20		
Cadmium	104	109	75 - 125	4	20		
Chromium	105	111	75 - 125	5	20		
Lead	101	106	75 - 125	4	20		
Selenium	98	104	75 - 125	6	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-7458-1

Method Blank - Batch: 660-21603

Method: 7470A
Preparation: 7470A
TCLP

Lab Sample ID: MB 660-21588/1-C
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/06/2006 1537
Date Prepared: 03/05/2006 1311
Date Leached: 03/03/2006 1600

Analysis Batch: 660-21677
Prep Batch: 660-21603
Units: ug/L

Instrument ID: Hg Analyzer
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	PQL
Mercury	0.36	U	0.36	0.50

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-21603

Method: 7470A
Preparation: 7470A
TCLP

LCS Lab Sample ID: LCS 660-21603/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/06/2006 1538
Date Prepared: 03/05/2006 1311

Analysis Batch: 660-21677
Prep Batch: 660-21603
Units: ug/L

Instrument ID: Hg Analyzer
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

LCSD Lab Sample ID: LCSD 660-21603/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/06/2006 1540
Date Prepared: 03/05/2006 1311

Analysis Batch: 660-21677
Prep Batch: 660-21603
Units: ug/L

Instrument ID: Hg Analyzer
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Mercury	92	92	80 - 120	1	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Appendix H

STL Laboratory Reports – Resample

Serial Number 30289

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN TRENT **STL**

☒ STL Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634
Website: www.stl-inc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

7458

○ Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE: CITY OF JACKSONVILLE	PROJECT NO.	PROJECT LOCATION (STATE): FL	PAGE 1 OF 1
SAMPLER'S SIGNATURE	P.O. NUMBER	CONTRACT NO.	STANDARD REPORT DELIVERY ☒ DATE DUE
CLIENT (SITE) PM: AL BURSEN	CLIENT PHONE	CLIENT FAX	EXPEDITED REPORT DELIVERY (SURCHARGE) ○ DATE DUE
CLIENT NAME: TRAIL RIDGE	CLIENT E-MAIL		
CLIENT ADDRESS: 5110 HWY 301 BALDWIN, FL			
COMPANY CONTRACTING THIS WORK (if applicable)			NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

MATRIX TYPE: COMPOSITE (C) OR GRAB (G) INDICATE; AQUEOUS (WATER); SOLID OR SEMISOLID; AIR; NONAQUEOUS LIQUID (OIL, SOLVENT,...)

REQUIRED ANALYSIS / NUMBER OF CONTAINERS SUBMITTED

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT,...)	TCLP 8260 (OSA)	TCLP 8081	TCLP 8151	TCLP 8270	TCLP Metals					REMARKS
								None	None	None	None	None					
2-24	0830	COND	G	X				1 ~~2~~	2	2	2	2					NOTE: REDUCED VOLUME AS Sampler broke one bottle.

PRESERVATIVE

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	1-15-06	1300	[signature]	2-24-06	1830			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
[signature]			[signature]	2-25-06	1030			

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	STL TAMPA LOG NO.	LABORATORY REMARKS
[signature]	2-25-06	1030	YES ○ NO ○		660-7458	5° FX

SEVERN

STL8240-660 (12/02)

SEVERN TRENT STL®

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: TRAIL RIDGE Golf

Sample Point: COND (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
022406					

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Purging Device: —
A- Submersible Pump D-Bailer
B-Peristaltic Pump E-Piston Pump
Sampling Device: X
C-QED Bladder Pump F-Dipper/Bottle
X-Other: Sample port on Condenser System

Filter Device: Y or (N) 0.45 µ or ____ µ (circle or fill in)
Filter Type: A-In-line Disposable B-Pressure C-Vacuum X-Other ____
Sample Tube Type: A-Teflon B-Stainless Steel C-PVC D-Polypropylene X-Other: ____

WELL DATA

Well Elevation (at TOC) (ft/msl)
Depth to Water (DTW) (from TOC) (ft)
Groundwater Elevation (site datum, from TOC) (ft/msl)
Total Well Depth (from TOC) (ft)
Stick Up (from ground elevation) (ft)
Casing ID (in)
Casing Material

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
0830	NA	6.77	3768	21.9	37	4.1		
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional (i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
022406	6.77	3768	21.9	37	4.1		

Final Field Readings are required (i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.

Sample Appearance: CLEAR Odor: ODOR Color: NONE Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: CALM Outlook: Clear 45°F Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

FIELD COMMENTS

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
2/24/06	DAN ARMOUR		PRO-TECH
/ /			

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

SEVERN TRENT STL®

Facility Name: Trail Ridge Landfill

PARAMETER MONITORING REPORT
Rule 62-701
WACS Report Type: SEMLC
Description: Semiannual Leachate (1 Pages)

WACS Facility ID #: 33628
WACS Testsite ID #: 0
WACS Testsite Name: COND.
Water Classification: LC
(i.e.: LC - Leachate, G-II, SW-IIIF)

Sample Date/Time: 2/24/2006 8:30:00AM
Sampling Method: Unknown
Permitted Well Type: OT

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

* Well Purged prior to Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
034621	2,4,6-Trichlorophenol	N	E84282	8270C	3/10/2006 5:52:00PM	24	24	ug/L	U
039340	gamma-BHC (Lindane)	N	E84282	8081A	3/11/2006 7:46:00PM	0.21	0.21	ug/L	U
000299	Oxygen, Dissolved	N	E84282	Field Sampling	2/24/2006 8:30:00AM	4.1		mg/L	
000094	Specific Conductance	N	E84282	Field Sampling	2/24/2006 8:30:00AM	3768		umhos/cm	
082079	Turbidity	N	E84282	Field Sampling	2/24/2006 8:30:00AM	3.7		NTU	
039350	Chlordane (technical)	N	E84282	8081A	3/11/2006 7:46:00PM	3.4	3.4	ug/L	U
039390	Endrin	N	E84282	8081A	3/11/2006 7:46:00PM	0.61	0.61	ug/L	U
039420	Heptachlor epoxide	N	E84282	8081A	3/11/2006 7:46:00PM	0.22	0.22	ug/L	U
039410	Heptachlor	N	E84282	8081A	3/11/2006 7:46:00PM	0.36	0.36	ug/L	U
039032	Pentachlorophenol	N	E84282	8270C	3/10/2006 5:52:00PM	28	28	ug/L	U
039480	Methoxychlor	N	E84282	8081A	3/11/2006 7:46:00PM	0.44	0.44	ug/L	U
039400	Toxaphene	N	E84282	8081A	3/11/2006 7:46:00PM	19	19	ug/L	U
039730	2,4-D	N	E84282	8151A	3/12/2006 7:17:00AM	7.5	7.5	ug/L	U
039760	Silvex (2,4,5-TP)	N	E84282	8151A	3/12/2006 7:17:00AM	1.6	1.6	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8270C	3/10/2006 5:52:00PM	38	27	ug/L	I
000406	Field pH	N	E84282	Field Sampling	2/24/2006 8:30:00AM	6.77		SU	
034611	2,4-Dinitrotoluene	N	E84282	8270C	3/10/2006 5:52:00PM	27	27	ug/L	U
077687	2,4,5-Trichlorophenol	N	E84282	8270C	3/10/2006 5:52:00PM	34	34	ug/L	U
039700	Hexachlorobenzene	N	E84282	8270C	3/10/2006 5:52:00PM	24	24	ug/L	U
034391	Hexachlorobutadiene	N	E84282	8270C	3/10/2006 5:52:00PM	32	32	ug/L	U
034396	Hexachloroethane	N	E84282	8270C	3/10/2006 5:52:00PM	32	32	ug/L	U
977148	m & p Cresol	N	E84282	8270C	3/10/2006 5:52:00PM	31	31	ug/L	U
034447	Nitrobenzene	N	E84282	8270C	3/10/2006 5:52:00PM	31	31	ug/L	U
077152	o-Cresol	N	E84282	8270C	3/10/2006 5:52:00PM	130	31	ug/L	I
000010	Field Temperature	N	E84282	Field Sampling	2/24/2006 8:30:00AM	21.9		Degrees C	
077045	Pyridine	N	E84282	8270C	3/10/2006 5:52:00PM	370	43	ug/L	I
001002	Arsenic	N	E84282	6010B	3/6/2006 9:55:00AM	220	120	ug/L	I
001007	Barium	N	E84282	6010B	3/6/2006 9:55:00AM	30	30	ug/L	U
001027	Cadmium	N	E84282	6010B	3/6/2006 9:55:00AM	18	18	ug/L	U
001034	Chromium	N	E84282	6010B	3/6/2006 9:55:00AM	43	43	ug/L	U
001051	Lead	N	E84282	6010B	3/6/2006 9:55:00AM	40	40	ug/L	U
001147	Selenium	N	E84282	6010B	3/6/2006 9:55:00AM	150	150	ug/L	U
001077	Silver	N	E84282	6010B	3/6/2006 9:55:00AM	48	48	ug/L	U
071900	Mercury	N	E84282	7470A	3/6/2006 5:07:00PM	0.8	0.36	ug/L	

Total Parameters Monitored: 34

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

Printed: 4/7/2006
Page 1 of 1
Form Produced by FDEP Validator software

SEVERN TRENT STL®

LOGIN SAMPLE RECEIPT CHECK LIST

Client: HDR Engineering

Job Number: 660-7458-1

Login Number: 7458

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	NA	
The cooler's custody seal, if present, is intact.	NA	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	False	RECEIVED (3) BROKEN BOTTLES (LTRS.)
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

Serial Number 30289

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN TRENT **STL**

STL Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634

Website: www.stl-inc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

7458

Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
~~CITY~~ CITY OF JACKSONVILLE		FL
SAMPLER'S SIGNATURE	P.O. NUMBER	CONTRACT NO.
CLIENT (SITE) PM: AL BURSEN	CLIENT PHONE	CLIENT FAX
CLIENT NAME: TRAIL RIDGE	CLIENT E-MAIL	
CLIENT ADDRESS: 5110 HWY 301 BALDWIN, FL		
COMPANY CONTRACTING THIS WORK (if applicable)		

PAGE 1 OF 1

STANDARD REPORT DELIVERY ⊗
DATE DUE _____
EXPEDITED REPORT DELIVERY (SURCHARGE) ○
DATE DUE _____
NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	MATRIX TYPE: AQUEOUS (WATER)	MATRIX TYPE: SOLID OR SEMISOLID	MATRIX TYPE: AIR	MATRIX TYPE: NONAQUEOUS LIQUID (OIL, SOLVENT,...)	REQUIRED ANALYSIS: TCLP 8260	TCLP 8081	TCLP 8151	TCLP 8270	TCLP Metals	REMARKS
		PRESERVATIVE						None	None	None	None	None	
		NUMBER OF CONTAINERS SUBMITTED						(OSA)					
2-24	0830	COND	G	X				1	2	2	2	2	NOTE: REDUCED VOLUME AS Sampler broke ONE bottle.

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
WATER CONTAINERS	1-15-06	1300		2-14-06	1836			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS				2-25-06	1030			

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT YES ○ NO ○	CUSTODY SEAL NO	STL TAMPA LOG NO	LABORATORY REMARKS
	2-25-06	1030			60-7458	5° FX

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: TRAIL RIDGE ~~CONT~~

Site No.:

Sample Point: COND (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
022406	—	—	—	—	—

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: Y or N

Filter Device: Y or N 0.45 µ or ____ µ (circle or fill in)

Purging Device: —

Sampling Device: X

A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Filter Type: X

A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

X-Other: Sample port on Condensate System

Sample Tube Type: X

A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC) X (ft/msl)

Depth to Water (DTW) (from TOC) X (ft)

Groundwater Elevation (site datum, from TOC) X (ft/msl)

Total Well Depth (from TOC) X (ft)

Stick Up (from ground elevation) X (ft)

Casing ID — (in)

Casing Material X

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
0830	NA 1st	677 1st	3768 1st	219	37	41		
	2nd	2nd	2nd					
	3rd	3rd	3rd					
	4th	4th	4th					
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
022406	677	3768	219	37	41		

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: CLEAR Odor: ODOR Color: NONE Other: No sheen

Weather Conditions (required daily, or as conditions change): Direction/Speed: CALM Outlook: Clear 45°F Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required):

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
2/24/06	DAN ARMOUR	[signature]	PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

Appendix I

FDEP Parameter Monitoring Report Forms - Resample

ANALYTICAL REPORT

Job Number: 660-8365-1

Job Description: Trail Ridge Landfill

For:
HDR Engineering
200 W. Forsyth St., Suite 800
Jacksonville, FL 32202

Attention: Mr. Brad Stone

Nancy Robertson
Project Manager II
nrobertson@stl-inc.com
04/24/2006

Project Manager: Nancy Robertson

DOH Certification #: E84282
These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL Project Manager who signed this test report. The estimated uncertainty associated with these reported results is available upon request.

EXECUTIVE SUMMARY - Detections

Client: HDR Engineering

Job Number: 660-8365-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
660-8365-1	**COND**					
TCLP						
Benzene		0.0075		0.0010	mg/L	8260B
Chlorobenzene		0.0019		0.0010	mg/L	8260B
Methyl Ethyl Ketone		9.9	L	0.010	mg/L	8260B
Tetrachloroethene		0.0037		0.0010	mg/L	8260B
Trichloroethene		0.0022		0.0010	mg/L	8260B
660-8365-2	**MWB17D**					
Alkalinity		22		1.0	mg/L	2320B
Chloride		6.8	I	10	mg/L	325.2
Total Recoverable						
Calcium		4.3		0.50	mg/L	200.7 Rev 4.4
Iron		530		50	ug/L	200.7 Rev 4.4
Potassium		2.1		1.0	mg/L	200.7 Rev 4.4
Magnesium		2.2		0.50	mg/L	200.7 Rev 4.4
Sodium		3.2		0.50	mg/L	200.7 Rev 4.4

METHOD SUMMARY

Client: HDR Engineering

Job Number: 660-8365-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds by GC/MS	STL-TAM	SW846 8260B	
Purge-and-Trap	STL-TAM		SW846 5030B
Toxicity Characteristic Leaching Procedure (ZHE)	STL-SAV		SW846 1311
Purge and Trap on Leachates	STL-SAV		SW846 5030B
ICP Metals by 200.7	STL-TAM	EPA 200.7 Rev 4.4	
Total Recoverable Metals Digestion for 200.7	STL-TAM		40CFR136A 200.7 Appx C
Field Sampling	STL-TAM	EPA Field Sampling	
Alkalinity, Titration Method	STL-TAM	SM18 2320B	
Chloride (Colorimetric, Automated Ferricyanide)	STL-TAM	MCAWW 325.2	
Nitrogen, Nitrate-Nitrite (Colorimetric, Automated, Cadmium Reduction)	STL-TAM	MCAWW 353.2	
Sulfate (Turbidimetric)	STL-TAM	MCAWW 375.4	

LAB REFERENCES:

STL-TAM = STL-Tampa

STL-SAV = STL-Savannah

METHOD REFERENCES:

EPA - US Environmental Protection Agency

MCAWW - "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM18 - "Standard Methods For The Examination Of Water And Wastewater", 18th Edition, 1992.

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: HDR Engineering

Job Number: 660-8365-1

Method	Analyst	Analyst ID
SW846 8260B	Clendenen, Tammy	TC
SW846 8260B	Lawrence, Rodney	RL
SW846 8260B	Tafuni, Natalie	NT
EPA 200.7 Rev 4.4	Fox, Greg	GF
EPA Field Sampling	Sampler, Field	FS
SM18 2320B	Johnson, Aran	AJ
MCAWW 325.2	Robarge, Andrea	AR
MCAWW 353.2	Steward, Tiffany	TS
MCAWW 375.4	Lochner, Vanessa	VL

SAMPLE SUMMARY

Client: HDR Engineering

Job Number: 660-8365-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
660-8365-1	COND	Water	04/10/2006 1600	04/11/2006 0945
660-8365-2	MWB17D	Water	04/10/2006 1627	04/11/2006 0945

Client: HDR Engineering

Job Number: 660-8365-1

Client Sample ID: **COND**

Lab Sample ID: 660-8365-1
Client Matrix: Water

Date Sampled: 04/10/2006 1600
Date Received: 04/11/2006 0945

8260B Volatile Organic Compounds by GC/MS -TCLP

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 04/19/2006 1847
Date Prepared: 04/19/2006 1847
Date Leached: 04/19/2006 1847

Analysis Batch: 680-42323

Leachate Batch: 680-42525

Instrument ID: GC/MS Volatiles - O
Lab File ID: o1143.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Benzene	0.0075		0.00055	0.0010
Carbon tetrachloride	0.00090	U	0.00090	0.0010
Chlorobenzene	0.0019		0.00041	0.0010
Chloroform	0.00050	U	0.00050	0.0010
1,2-Dichloroethane	0.00048	U	0.00048	0.0010
1,1-Dichloroethene	0.00095	U	0.00095	0.0010
Methyl Ethyl Ketone	9.9	L	0.00070	0.010
Tetrachloroethene	0.0037		0.00075	0.0010
Trichloroethene	0.0022		0.00070	0.0010
Vinyl chloride	0.00090	U	0.00090	0.0020

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	97	77 - 120
Dibromofluoromethane	94	75 - 123
Toluene-d8	100	79 - 122

Client: HDR Engineering

Job Number: 660-8365-1

Client Sample ID: **COND**

Lab Sample ID: 660-8365-1
Client Matrix: Water

Date Sampled: 04/10/2006 1600
Date Received: 04/11/2006 0945

8260B Volatile Organic Compounds by GC/MS -TCLP

Method: 8260B
Preparation: 5030B
Dilution: 200
Date Analyzed: 04/20/2006 1436
Date Prepared: 04/20/2006 1436
Date Leached: 04/19/2006 1847

Analysis Batch: 680-42466
Leachate Batch: 680-42525
Run Type: DL

Instrument ID: GC/MS Volatiles - A
Lab File ID: a314.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Benzene	0.11	U	0.11	0.20
Carbon tetrachloride	0.18	U	0.18	0.20
Chlorobenzene	0.082	U	0.082	0.20
Chloroform	0.10	U	0.10	0.20
1,2-Dichloroethane	0.096	U	0.096	0.20
1,1-Dichloroethene	0.19	U	0.19	0.20
Methyl Ethyl Ketone	30		0.14	2.0
Tetrachloroethene	0.15	U	0.15	0.20
Trichloroethene	0.14	U	0.14	0.20
Vinyl chloride	0.18	U	0.18	0.40

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	103	77 - 120
Dibromofluoromethane	101	75 - 123
Toluene-d8	100	79 - 122

Client: HDR Engineering

Job Number: 660-8365-1

Client Sample ID: **MWB17D**

Lab Sample ID: 660-8365-2
Client Matrix: Water

Date Sampled: 04/10/2006 1627
Date Received: 04/11/2006 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 04/18/2006 2244
Date Prepared: 04/18/2006 2244

Analysis Batch: 660-24002

Instrument ID: BVMG GC/MS
Lab File ID: 1GD1835.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Methylene Chloride	4.0	U	4.0	5.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	92	74 - 126
Dibromofluoromethane	94	70 - 130
Toluene-d8	97	77 - 122

Client: HDR Engineering

Job Number: 660-8365-1

Client Sample ID: MWB17D

Lab Sample ID: 660-8365-2
Client Matrix: Water

Date Sampled: 04/10/2006 1627
Date Received: 04/11/2006 0945

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 04/19/2006 1148
Date Prepared: 04/18/2006 0818

Analysis Batch: 660-23982
Prep Batch: 660-23872

Instrument ID: TJA ICP TRACE
Lab File ID: 6D19A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Calcium	4.3		0.085	0.50
Potassium	2.1		0.19	1.0
Magnesium	2.2		0.11	0.50
Sodium	3.2		0.31	0.50

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 04/19/2006 1148
Date Prepared: 04/18/2006 0818

Analysis Batch: 660-23982
Prep Batch: 660-23872

Instrument ID: TJA ICP TRACE
Lab File ID: 6D19A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Iron	530		22	50

Field Service / Mobile Lab

Client Sample ID: **COND**

Lab Sample ID: 660-8365-1
Client Matrix: Water % Moisture:

Date Sampled: 04/10/2006 1600
Date Received: 04/11/2006 0945

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Field pH	7.29		SU	1.0	Field	660-2371	04/10/2006 1600
Field Temperature	28.0		Degrees C	1.0	Field	660-2371	04/10/2006 1600
Specific Conductance	5282		umhos/cm	1.0	Field	660-2371	04/10/2006 1600
Turbidity	6.8		NTU	1.0	Field	660-2371	04/10/2006 1600

Client Sample ID: **MWB17D**

Lab Sample ID: 660-8365-2
Client Matrix: Water % Moisture:

Date Sampled: 04/10/2006 1627
Date Received: 04/11/2006 0945

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Field pH	6.20		SU	1.0	Field	660-2371	04/10/2006 1627
Field Temperature	21.8		Degrees C	1.0	Field	660-2371	04/10/2006 1627
Oxygen, Dissolved	1.0		mg/L	1.0	Field	660-2371	04/10/2006 1627
Specific Conductance	61		umhos/cm	1.0	Field	660-2371	04/10/2006 1627
Turbidity	0.4		NTU	1.0	Field	660-2371	04/10/2006 1627
Water Level	130.70		ft	1.0	Field	660-2371	04/10/2006 1627
Well Depth	127.32		ft	1.0	Field	660-2371	04/10/2006 1627

General Chemistry

Client Sample ID: **MWB17D**

Lab Sample ID: 660-8365-2
Client Matrix: Water

Date Sampled: 04/10/2006 1627
Date Received: 04/11/2006 0945

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method
Chloride	6.8	I	mg/L	3.0	10	1.0	325.2
Anly Batch: 660-23836	Date Analyzed 04/17/2006 0950						
Nitrate Nitrogen	0.010	U	mg/L	0.010	0.050	1.0	353.2
Anly Batch: 660-23666	Date Analyzed 04/12/2006 0754						
Sulfate	1.7	U	mg/L	1.7	5.0	1.0	375.4
Anly Batch: 660-24028	Date Analyzed 04/19/2006 0531						

Analyte	Result	Qual	Units	RL	PQL	Dil	Method
Alkalinity	22		mg/L	1.0	1.0	1.0	2320B
Anly Batch: 660-23605	Date Analyzed 04/11/2006 1256						

DATA REPORTING QUALIFIERS

Client: HDR Engineering

Job Number: 660-8365-1

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Indicates that the compound was analyzed for but not detected.
	L	Off-scale high. Actual value is known to be greater than the value given.
Metals		
	U	Indicates that the compound was analyzed for but not detected.
General Chemistry		
	J3	Estimated value; value may not be accurate. The reported value fails to meet the established quality control criteria for either precision or accuracy.
	U	Indicates that the compound was analyzed for but not detected.
	I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

Client: HDR Engineering

Job Number: 660-8365-1

Method Blank - Batch: 660-24002

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 660-24002/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/18/2006 1607
Date Prepared: 04/18/2006 1607

Analysis Batch: 660-24002
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMG GC/MS
Lab File ID: 1GD1819.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	PQL
Methylene Chloride	4.0	U	4.0	5.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	90	74 - 126
Dibromofluoromethane	91	70 - 130
Toluene-d8	96	77 - 122

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-24002

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 660-24002/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/18/2006 1632
Date Prepared: 04/18/2006 1632

Analysis Batch: 660-24002
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMG GC/MS
Lab File ID: 1GD1820.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 660-24002/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/18/2006 1657
Date Prepared: 04/18/2006 1657

Analysis Batch: 660-24002
Prep Batch: N/A
Units: ug/L

Instrument ID: BVMG GC/MS
Lab File ID: 1GD1821.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	95	99	62 - 135	4	37		
Chlorobenzene	93	97	72 - 127	4	22		
1,1-Dichloroethene	102	107	46 - 147	5	30		
Toluene	95	97	68 - 131	2	33		
Trichloroethene	92	97	56 - 143	5	35		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-8365-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-24002

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	660-8456-C-1 MS	Analysis Batch: 660-24002	Instrument ID: BVMG GC/MS
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: 1GD1909.D
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	04/19/2006 1340		Final Weight/Volume: 5 mL
Date Prepared:	04/19/2006 1340		

MSD Lab Sample ID:	660-8456-C-1 MSD	Analysis Batch: 660-24002	Instrument ID: BVMG GC/MS
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: 1GD1911.D
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	04/19/2006 1429		Final Weight/Volume: 5 mL
Date Prepared:	04/19/2006 1429		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	103	97	62 - 135	6	37		
Chlorobenzene	95	92	72 - 127	3	22		
1,1-Dichloroethene	107	100	46 - 147	6	30		
Toluene	97	93	68 - 131	4	33		
Trichloroethene	96	92	56 - 143	5	35		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-8365-1

Method Blank - Batch: 680-42323

Method: 8260B
Preparation: 5030B
TCLP

Lab Sample ID: MB 680-42323/7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/19/2006 1455
Date Prepared: 04/19/2006 1455

Analysis Batch: 680-42323
Prep Batch: N/A
Units: mg/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq653.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	PQL
Benzene	0.00055	U	0.00055	0.0010
Carbon tetrachloride	0.00090	U	0.00090	0.0010
Chlorobenzene	0.00041	U	0.00041	0.0010
Chloroform	0.00050	U	0.00050	0.0010
1,2-Dichloroethane	0.00048	U	0.00048	0.0010
1,1-Dichloroethene	0.00095	U	0.00095	0.0010
Methyl Ethyl Ketone	0.00070	U	0.00070	0.010
Tetrachloroethene	0.00075	U	0.00075	0.0010
Trichloroethene	0.00070	U	0.00070	0.0010
Vinyl chloride	0.00090	U	0.00090	0.0020

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	101	77 - 120
Dibromofluoromethane	101	75 - 123
Toluene-d8	109	79 - 122

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-8365-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 680-42323

Method: 8260B
Preparation: 5030B
TCLP

LCS Lab Sample ID: LCS 680-42323/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/19/2006 1316
Date Prepared: 04/19/2006 1316

Analysis Batch: 680-42323
Prep Batch: N/A
Units: mg/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq647.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 680-42323/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/19/2006 1349
Date Prepared: 04/19/2006 1349

Analysis Batch: 680-42323
Prep Batch: N/A
Units: mg/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq649.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	103	106	74 - 122	4	30		
Carbon tetrachloride	117	119	64 - 137	2	30		
Chlorobenzene	97	99	75 - 123	2	30		
Chloroform	102	105	74 - 124	3	30		
1,2-Dichloroethane	102	105	68 - 130	3	30		
1,1-Dichloroethene	106	102	64 - 132	4	30		
Methyl Ethyl Ketone	111	111	51 - 142	0	30		
Tetrachloroethene	101	105	70 - 133	3	30		
Trichloroethene	102	105	75 - 122	4	30		
Vinyl chloride	98	93	59 - 136	5	50		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
4-Bromofluorobenzene	98	97	77 - 120
Dibromofluoromethane	100	102	75 - 123
Toluene-d8	104	106	79 - 122

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-8365-1

Method Blank - Batch: 680-42466

Method: 8260B
Preparation: 5030B
TCLP

Lab Sample ID: MB 680-42466/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/20/2006 1407
Date Prepared: 04/20/2006 1407

Analysis Batch: 680-42466
Prep Batch: N/A
Units: mg/L

Instrument ID: GC/MS Volatiles - A
Lab File ID: aq224.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	PQL
Benzene	0.00055	U	0.00055	0.0010
Carbon tetrachloride	0.00090	U	0.00090	0.0010
Chlorobenzene	0.00041	U	0.00041	0.0010
Chloroform	0.00050	U	0.00050	0.0010
1,2-Dichloroethane	0.00048	U	0.00048	0.0010
1,1-Dichloroethene	0.00095	U	0.00095	0.0010
Methyl Ethyl Ketone	0.00070	U	0.00070	0.010
Tetrachloroethene	0.00075	U	0.00075	0.0010
Trichloroethene	0.00070	U	0.00070	0.0010
Vinyl chloride	0.00090	U	0.00090	0.0020

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	99	77 - 120
Dibromofluoromethane	107	75 - 123
Toluene-d8	108	79 - 122

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-8365-1

Laboratory Control Sample - Batch: 680-42466

Method: 8260B
Preparation: 5030B
TCLP

Lab Sample ID: LCS 680-42466/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/20/2006 1240
Date Prepared: 04/20/2006 1240

Analysis Batch: 680-42466
Prep Batch: N/A
Units: mg/L

Instrument ID: GC/MS Volatiles - A
Lab File ID: aq218.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	0.0500	0.0492	98	74 - 122	
Carbon tetrachloride	0.0500	0.0560	112	64 - 137	
Chlorobenzene	0.0500	0.0476	95	75 - 123	
Chloroform	0.0500	0.0519	104	74 - 124	
1,2-Dichloroethane	0.0500	0.0531	106	68 - 130	
1,1-Dichloroethene	0.0500	0.0472	94	64 - 132	
Methyl Ethyl Ketone	0.100	0.106	106	51 - 142	
Tetrachloroethene	0.0500	0.0506	101	70 - 133	
Trichloroethene	0.0500	0.0526	105	75 - 122	
Vinyl chloride	0.0500	0.0438	88	59 - 136	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	103	77 - 120
Dibromofluoromethane	105	75 - 123
Toluene-d8	112	79 - 122

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-8365-1

Method Blank - Batch: 660-23872

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Total Recoverable

Lab Sample ID: MB 660-23872/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/19/2006 1009
Date Prepared: 04/18/2006 0818

Analysis Batch: 660-23982
Prep Batch: 660-23872
Units: mg/L

Instrument ID: TJA ICP TRACE
Lab File ID: 6D19A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	PQL
Calcium	0.085	U	0.085	0.50
Potassium	0.19	U	0.19	1.0
Magnesium	0.11	U	0.11	0.50
Sodium	0.31	U	0.31	0.50

Method Blank - Batch: 660-23872

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Total Recoverable

Lab Sample ID: MB 660-23872/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/19/2006 1009
Date Prepared: 04/18/2006 0818

Analysis Batch: 660-23982
Prep Batch: 660-23872
Units: ug/L

Instrument ID: TJA ICP TRACE
Lab File ID: 6D19A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	PQL
Iron	22	U	22	50

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-8365-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-23872

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Total Recoverable

LCS Lab Sample ID: LCS 660-23872/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/19/2006 0926
Date Prepared: 04/18/2006 0818

Analysis Batch: 660-23982
Prep Batch: 660-23872
Units: mg/L

Instrument ID: TJA ICP TRACE
Lab File ID: 6D19A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

LCSD Lab Sample ID: LCSD 660-23872/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/19/2006 0932
Date Prepared: 04/18/2006 0818

Analysis Batch: 660-23982
Prep Batch: 660-23872
Units: mg/L

Instrument ID: TJA ICP TRACE
Lab File ID: 6D19A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Calcium	105	114	85 - 115	8	20		
Potassium	100	100	85 - 115	1	20		
Magnesium	97	97	85 - 115	0	20		
Sodium	91	89	85 - 115	2	20		

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-23872

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Total Recoverable

LCS Lab Sample ID: LCS 660-23872/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/19/2006 0926
Date Prepared: 04/18/2006 0818

Analysis Batch: 660-23982
Prep Batch: 660-23872
Units: ug/L

Instrument ID: TJA ICP TRACE
Lab File ID: 6D19A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

LCSD Lab Sample ID: LCSD 660-23872/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/19/2006 0932
Date Prepared: 04/18/2006 0818

Analysis Batch: 660-23982
Prep Batch: 660-23872
Units: ug/L

Instrument ID: TJA ICP TRACE
Lab File ID: 6D19A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Iron	102	100	85 - 115	2	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-8365-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-23872

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Total Recoverable

MS Lab Sample ID:	660-8401-B-1-B MS	Analysis Batch: 660-23982	Instrument ID: TJA ICP TRACE
Client Matrix:	Water	Prep Batch: 660-23872	Lab File ID: 6D19A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	04/19/2006 0950		Final Weight/Volume: 50 mL
Date Prepared:	04/18/2006 0818		

MSD Lab Sample ID:	660-8401-B-1-C MSD	Analysis Batch: 660-23982	Instrument ID: TJA ICP TRACE
Client Matrix:	Water	Prep Batch: 660-23872	Lab File ID: 6D19A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	04/19/2006 0955		Final Weight/Volume: 50 mL
Date Prepared:	04/18/2006 0818		

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Calcium	71	12	85 - 115	2	20		
Potassium	114	112	85 - 115	2	20		
Magnesium	94	86	85 - 115	2	20		
Sodium	99	95	85 - 115	1	20		

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-23872

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Total Recoverable

MS Lab Sample ID:	660-8401-B-1-B MS	Analysis Batch: 660-23982	Instrument ID: TJA ICP TRACE
Client Matrix:	Water	Prep Batch: 660-23872	Lab File ID: 6D19A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	04/19/2006 0950		Final Weight/Volume: 50 mL
Date Prepared:	04/18/2006 0818		

MSD Lab Sample ID:	660-8401-B-1-C MSD	Analysis Batch: 660-23982	Instrument ID: TJA ICP TRACE
Client Matrix:	Water	Prep Batch: 660-23872	Lab File ID: 6D19A
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	04/19/2006 0955		Final Weight/Volume: 50 mL
Date Prepared:	04/18/2006 0818		

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Iron	102	98	85 - 115	4	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-8365-1

Method Blank - Batch: 660-23605

Method: 2320B
Preparation: N/A

Lab Sample ID: MB 660-23605/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/11/2006 1256
Date Prepared: N/A

Analysis Batch: 660-23605
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 25 mL

Analyte	Result	Qual	RL	PQL
Alkalinity	1.0	U	1.0	1.0

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-23605

Method: 2320B
Preparation: N/A

LCS Lab Sample ID: LCS 660-23605/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/11/2006 1256
Date Prepared: N/A

Analysis Batch: 660-23605
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 25 mL

LCSD Lab Sample ID: LCSD 660-23605/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/11/2006 1256
Date Prepared: N/A

Analysis Batch: 660-23605
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 25 mL

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Alkalinity	108	111	80 - 120	2	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-8365-1

Method Blank - Batch: 660-23836

Method: 325.2
Preparation: N/A

Lab Sample ID: MB 660-23836/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/17/2006 0950
Date Prepared: N/A

Analysis Batch: 660-23836
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

Analyte	Result	Qual	MDL	PQL
Chloride	3.0	U	3.0	10

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-23836

Method: 325.2
Preparation: N/A

LCS Lab Sample ID: LCS 660-23836/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/17/2006 0950
Date Prepared: N/A

Analysis Batch: 660-23836
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

LCSD Lab Sample ID: LCSD 660-23836/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/17/2006 0950
Date Prepared: N/A

Analysis Batch: 660-23836
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloride	102	103	90 - 110	1	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-8365-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-23836

Method: 325.2
Preparation: N/A

MS Lab Sample ID:	660-8260-F-1 MS	Analysis Batch: 660-23836	Instrument ID: No Equipment Assigned
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 2 mL
Date Analyzed:	04/17/2006 0950		Final Weight/Volume: 2 mL
Date Prepared:	N/A		

MSD Lab Sample ID:	660-8260-F-1 MSD	Analysis Batch: 660-23836	Instrument ID: No Equipment Assigned
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 2 mL
Date Analyzed:	04/17/2006 0950		Final Weight/Volume: 2 mL
Date Prepared:	N/A		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloride	130	117	90 - 110	10	30	J3	J3

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-8365-1

Method Blank - Batch: 660-23666

Method: 353.2
Preparation: N/A

Lab Sample ID: MB 660-23666/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/12/2006 0754
Date Prepared: N/A

Analysis Batch: 660-23666
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	PQL
Nitrate Nitrogen	0.010	U	0.010	0.050

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-23666

Method: 353.2
Preparation: N/A

LCS Lab Sample ID: LCS 660-23666/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/12/2006 0754
Date Prepared: N/A

Analysis Batch: 660-23666
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

LCSD Lab Sample ID: LCSD 660-23666/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/12/2006 0754
Date Prepared: N/A

Analysis Batch: 660-23666
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Nitrate Nitrogen	91	92	80 - 120	1	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-8365-1

Method Blank - Batch: 660-24028

Method: 375.4
Preparation: N/A

Lab Sample ID: MB 660-24028/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/19/2006 0531
Date Prepared: N/A

Analysis Batch: 660-24028
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	PQL
Sulfate	1.7	U	1.7	5.0

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-24028

Method: 375.4
Preparation: N/A

LCS Lab Sample ID: LCS 660-24028/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/19/2006 0531
Date Prepared: N/A

Analysis Batch: 660-24028
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 50 mL

LCSD Lab Sample ID: LCSD 660-24028/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/19/2006 0531
Date Prepared: N/A

Analysis Batch: 660-24028
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 50 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Sulfate	109	109	75 - 125	0	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: HDR Engineering

Job Number: 660-8365-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-24028

Method: 375.4
Preparation: N/A

MS Lab Sample ID:	660-8401-A-1 MS	Analysis Batch: 660-24028	Instrument ID: No Equipment Assigned
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume:
Date Analyzed:	04/19/2006 0531		Final Weight/Volume: 50 mL
Date Prepared:	N/A		

MSD Lab Sample ID:	660-8401-A-1 MSD	Analysis Batch: 660-24028	Instrument ID: No Equipment Assigned
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume:
Date Analyzed:	04/19/2006 0531		Final Weight/Volume: 50 mL
Date Prepared:	N/A		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Sulfate	119	116	75 - 125	1	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Serial Number 33791

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN TRENT **STL**

STL Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634

Website: www.stl-inc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

8365

○ Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE) FL
SAMPLER'S SIGNATURE Ben Rangeawa	P.O. NUMBER	CONTRACT NO.
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
CLIENT NAME TRAIL RIDGE LF	CLIENT E-MAIL	
CLIENT ADDRESS		
COMPANY CONTRACTING THIS WORK (if applicable) PRO-TECH		

PAGE 1 OF 1

STANDARD REPORT DELIVERY ○
DATE DUE _____
EXPEDITED REPORT DELIVERY (SURCHARGE) ○
DATE DUE _____
NUMBER OF COOLERS SUBMITTED PER SHIPMENT: 1

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	MATRIX: COMPOSITE (C) OR GRAB (G) INDICATE	MATRIX: AQUEOUS (WATER)	MATRIX: SOLID OR SEMISOLID	MATRIX: AIR	MATRIX: NONAQUEOUS LIQUID (OIL, SOLVENT,...)	REQUIRED ANALYSIS: VOA	METALS	GEN. CHEM.	TCLP	NUMBER OF CONTAINERS SUBMITTED: HCL	HNO3	None	None	REMARKS
4/10/06	1600	COND	G	✓							✓					
4/10/06	1627	MWB17D	G	✓				✓	✓	✓						

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	4-7-06	1530	Ben Rangeawa	4/10/06	1900			
RECEIVED BY: (SIGNATURE)	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**
Ben Rangeawa	4/10/06	1530	[signature]	4-11-06	0945			

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	STL TAMPA LOG NO.	LABORATORY REMARKS
[signature]	4-11-06	0945	YES ○ NO ○		6060-8365	5°

40-660 (12/02)

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Site #:

Sample Point: COND (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
04/10/06	1600				

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Filter Device: Y or (N) 0.45 µ or ____ µ (circle or fill in)

Purging Device: A

Sampling Device: A

A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

X-Other:

Filter Type: —

A-In-line Disposable, B-Pressure, C-Vacuum, X-Other ____

Sample Tube Type: —

A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: ____

WELL DATA

Well Elevation (at TOC) ____ (ft/msl)

Depth to Water (DTW) (from TOC) ____ (ft)

Groundwater Elevation (site datum, from TOC) ____ (ft/msl)

Total Well Depth (from TOC) ____ (ft)

Stick Up (from ground elevation) ____ (ft)

Casing ID ____ (in)

Casing Material ____

Note: Total Well Depth, Stick Up, Casing Id. etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
	1st	1st	1st					
	2nd	2nd	2nd					
	3rd	3rd	3rd					
	4th	4th	4th					
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional (i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
04/10/06	7.29	5282	280	68			

Final Field Readings are required (i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.

FIELD COMMENTS

Sample Appearance: CLEAR Odor: YES Color: NONE Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: E/S-10 Outlook: CLEAR, 78°F Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
04/10/06	BEN RANGEAWAY	Ben Rangeaway	PRO-TECH
__/__/__			

DISTRIBUTION: WHITE/ORIGINAL - Stay with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Site: ____ Sample Point: MWB17D (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: ____

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
041006	1525	0102	195	620	32

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Filter Device: Y or (N) 0.45 µ or ____ µ (circle or fill in)

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other: ____

Filter Type: — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other: ____

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: ____

WELL DATA

Well Elevation (at TOC): 1385.2 (ft/msl)

Depth to Water (DTW) (from TOC): 78.2 (ft)

Groundwater Elevation (site datum, from TOC): 1307.0 (ft/msl)

Total Well Depth (from TOC): ____ (ft)

Stick Up (from ground elevation): ____ (ft)

Casing ID: 2 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit gpm	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1620	1.10 1st	6.27 1st	61 1st	21.0	0.9	1.0		
1623	1.10 2nd	6.35 2nd	61 2nd	21.9	0.4	1.0		
1626	1.10 3rd	6.20 3rd	61 3rd	21.8	0.4	1.0		
	4th	4th	4th					
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	–	–	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
041006	6.20	61	21.8	0.4	1.0		

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: CLEAR Odor: NONE Color: NONE Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: E/5-10 Outlook: CLEAR 78°F Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

CALC: 127.32 − 7.82 = 119.50 X 0.163 = 19.48 X 3 = 58.43 GAL.

FLOW: 15 X 4 = 60 ÷ 60 = 1.00 X 58.43 = 58.43 MIN.

ACTUAL: 62.00 ÷ 1.00 = 62.00 GAL.

SAMPLE TIME: 1627

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
04/10/06	BEN RAMSEYER	Ben Ramseyer	PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

LOGIN SAMPLE RECEIPT CHECK LIST

Client: HDR Engineering

Job Number: 660-8365-1

Login Number: 8365

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	NA	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

Facility Name: Trail Ridge Landfill

PARAMETER MONITORING REPORT
Rule 62-701
WACS Report Type: SEMGW
Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 33628
WACS Testsite ID #: 0
WACS Testsite Name: COND
Water Classification: LC
(I.e.: LC - Leachate, G-II, SW-IIIF)

Sample Date/Time: 4/10/2006 4:00:00PM
Sampling Method: Unknown
Permitted Well Type: OT

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

* Well Purged prior to Sample Collection? (Y/N): Y

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
000094	Specific Conductance	N	E84282	Field Sampling	4/10/2006 4:00:00PM	5282		umhos/cm	
082079	Turbidity	N	E84282	Field Sampling	4/10/2006 4:00:00PM	6.8		NTU	
034501	1,1-Dichloroethene	N	E87052	8260B	4/20/2006 2:36:00PM	190	190	ug/L	U
034531	1,2-Dichloroethane	N	E87052	8260B	4/20/2006 2:36:00PM	96	96	ug/L	U
034030	Benzene	N	E87052	8260B	4/20/2006 2:36:00PM	110	110	ug/L	U
032102	Carbon tetrachloride	N	E87052	8260B	4/20/2006 2:36:00PM	180	180	ug/L	U
034301	Chlorobenzene	N	E87052	8260B	4/20/2006 2:36:00PM	82	82	ug/L	U
034475	Tetrachloroethene	N	E87052	8260B	4/20/2006 2:36:00PM	150	150	ug/L	U
039180	Trichloroethene	N	E87052	8260B	4/20/2006 2:36:00PM	140	140	ug/L	U
039175	Vinyl chloride	N	E87052	8260B	4/20/2006 2:36:00PM	180	180	ug/L	U
000406	Field pH	N	E84282	Field Sampling	4/10/2006 4:00:00PM	7.29		SU	
000010	Field Temperature	N	E84282	Field Sampling	4/10/2006 4:00:00PM	28		Degrees C	

Total Parameters Monitored: 12

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

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Facility Name: Trail Ridge Landfill

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (1 Pages)

WACS Facility ID #: 33628

WACS Testsite ID #: 17230

WACS Testsite Name: MWB17D

Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

* Well Purged prior to Sample Collection? (Y/N): Y

Sample Date/Time: 4/10/2006 4:27:00PM

Sampling Method: Unknown

Permitted Well Type: CO

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(IW) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(WS) Water Supply

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
000929	Sodium	N	E84282	200.7 Rev 4.4	4/19/2006 11:48:00AM	3.2	0.31	mg/L	
000010	Field Temperature	N	E84282	Field Sampling	4/10/2006 4:27:00PM	21.8		Degrees C	
000406	Field pH	N	E84282	Field Sampling	4/10/2006 4:27:00PM	6.2		SU	
000094	Specific Conductance	N	E84282	Field Sampling	4/10/2006 4:27:00PM	61		umhos/cm	
082079	Turbidity	N	E84282	Field Sampling	4/10/2006 4:27:00PM	0.4		NTU	
072020	Water Level	N	E84282	Field Sampling	4/10/2006 4:27:00PM	130.7		ft	
034423	Methylene Chloride	N	E84282	8260B	4/18/2006 10:44:00PM	4	4	ug/L	U
000410	Alkalinity	N	E84282	2320B	4/11/2006 12:56:00PM	22	1	mg/L	
000940	Chloride	N	E84282	325.2	4/17/2006 9:50:00AM	6.8	3	mg/L	I
000620	Nitrate Nitrogen	N	E84282	353.2	4/12/2006 7:54:00AM	0.01	0.01	mg/L	U
000945	Sulfate	N	E84282	375.4	4/19/2006 5:31:00AM	1.7	1.7	mg/L	U
000916	Calcium	N	E84282	200.7 Rev 4.4	4/19/2006 11:48:00AM	4.3	0.085	mg/L	
001045	Iron	N	E84282	200.7 Rev 4.4	4/19/2006 11:48:00AM	530	22	ug/L	
[illegible]0927	Magnesium	N	E84282	200.7 Rev 4.4	4/19/2006 11:48:00AM	2.2	0.11	mg/L	
[illegible]0937	Potassium	N	E84282	200.7 Rev 4.4	4/19/2006 11:48:00AM	2.1	0.19	mg/L	
000299	Oxygen, Dissolved	N	E84282	Field Sampling	4/10/2006 4:27:00PM	1		mg/L	

Total Parameters Monitored: 16

* Well purging is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

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