



Trail Ridge Landfill



Semi-Annual Water Quality Data Report

Operating Permit Number 0013493-010-SC

Prepared for:
Trail Ridge Landfill
5110 U.S. Highway 301 South
Baldwin, FL 32234

Prepared by:
HDR Engineering, Inc.
200 West Forsyth Street, Suite 800
Jacksonville, Florida 32202
904.598.8900
904.598.8988 FAX

May, 2005

WM

WASTE MANAGEMENT



HDR

33628

13493

Florida Department of Environmental Protection

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

DEP Form # 62-522.900(2)

Form Title Ground Water Monitoring
Report

Effective Date _____

DEP Application No. _____

GROUND WATER MONITORING REPORT

Rule 62-522.600(11)

PART I GENERAL INFORMATION

(1) Facility Name TRAIL RIDGE LANDFILLAddress 5110 U.S. Highway 301, SouthCity BALDWINZip 32234-3608Telephone Number (904) 289-9100(2) The GMS Identification Number 3116PO2787(3) DEP Permit Number 0013493-010-SC(4) Authorized Representative Name GREG MATHESAddress 5110 U.S. HIGHWAY 301, SOUTHCity BALDWINZip 32234-3608Telephone 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: April 27, 2005

GREG MATHES, Director of Landfill Operations

Signature of Owner or Authorized Representative

PART II QUALITY ASSURANCE REQUIREMENTS

Sample Organization Comp QAP # 880633GAnalytical Lab Comp QAP # /HRS Certification #

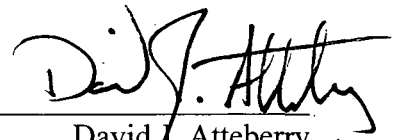
*Comp QAP # /HRS Certification # _____

Lab Name SEVERN TRENT LABORATORIES, INC.Address 6712 BENJAMIN ROAD, SUITE 100, TAMPA, FLORIDA 33634Phone Number (813) 885-7427

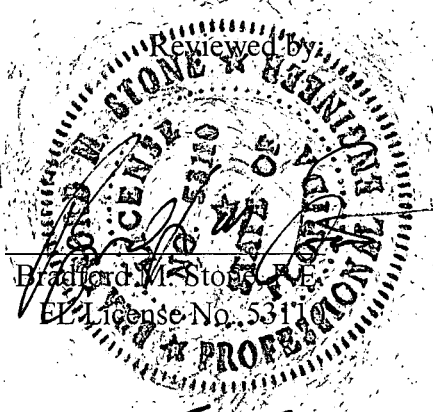
PROFESSIONAL CERTIFICATION

This document has been prepared under my direction in general accordance with Chapter 62-701, Florida Solid Waste Management Facility Regulations. I certify that I am qualified groundwater scientist experienced in hydrogeological investigations who has received a baccalaureate degree in natural sciences or engineering and have sufficient training and experience in groundwater hydrogeology and related fields as demonstrated by state registration and completion of accredited university courses that enable me to make sound, professional judgments regarding groundwater monitoring and contaminant fate and transport. For those constituents that have established standards, established standards have been complied with except as previously noted. I further certify that I have personally visited and am familiar with the site. The information contained within this report is to the best of my knowledge and belief, true, accurate, and complete.

Prepared by:



David J. Atteberry
Geologist



Bradford M. Stone
EE License No. 53110

5-3-05

Date

53628

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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

Prepared by:
HDR Engineering, Inc.
200 West Forsyth Street
Suite 800
Jacksonville, Florida 32202
(904) 598-8900
(904) 598-8988 fax

May 5, 2005

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 routine semi-annual detection monitoring event conducted in March 2005. 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 1st 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 FSDWS at monitoring well MWB-2(I), MWB-3(S), MWB-3(I), MWB-7(I), MWB-11(S), MWB-11(IR), MWB-12(S), MWB-12(I), MWB-12(D), MWB-13(S), MWB-13(I), MWB-17(I), MWB-17(D), MWB-19(D), MWB-20(S), MWB-27(I), MWB-27(D), MWB-29(S), MWB-29(I), MWB-29(D), MWB-31(D), MWB-32(S), MWB-32(I), MWB-32(D), MWB-33(S), MWB-34(I), and MWB-34(D). 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. Surface water sample SW-1, the regulatory standards for dissolved oxygen, pH, and iron were exceeded, and in SW-2 the regulatory standard for pH was exceeded. 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.

The submittal of this report has been delayed because Severn Trent Laboratories Inc. of Tampa, Florida (STL-Tampa); the owner contracted laboratory; has experienced reporting difficulties due to the implementation of a new laboratory data information management system. An extension was requested and granted by the FDEP to delay submission of this report to May 5, 2005.

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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 March 22nd through 24th, 2005. During this monitoring period, thirty seven ground water wells were monitored for the parameters listed in Attachment III of the current permit. In conjunction with the ground water monitoring, two 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. Seven of the thirty-seven wells are designated background wells, seven wells are designated detection wells and twenty-three 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-11(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. Severn Trent Laboratories Inc. of Tampa, Florida (STL-Tampa); the owner contracted laboratory has experienced reporting delays due to implementation of a new laboratory data information management system. An extension was requested and granted by the FDEP to delay submission of this report to May 5, 2005.

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 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 next scheduled report is due to the Department by September 20, 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 SRL, 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 March 22nd through 24th, 2005, 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 used to determine ground water flow direction and gradient at the site. A ground water contour map was produced using the water levels determined (Figures, 1-3).

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 was pumped dry after 1.6 well volumes (2.8 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-11I (258.7 NTU), MWB-13S (87.1 NTU), MWB-19I (89.1 NTU), MWB-19D (23.6 NTU), MWB-32S (34.2 NTU), MWB-32I (245.7 NTU), and MWB-34I (31.7 NTU), exceeded 20 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.

The pH levels reported for the groundwater samples collected at MWB-2(S), MWB-2(I), MWB-3(S), MWB-3(I), 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), MWB-34(S), and MWB-34(I) were below the FDWS 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 monitoring wells MWB-2(I), MWB-3(S), MWB-3(I), MWB-7(I), MWB-11(S), MWB-11(IR), MWB-12(S), MWB-12(I), MWB-12(D), MWB-13(S), MWB-13(I), MWB-17(I), MWB-17(D), MWB-19(D), MWB-20(S), MWB-27(I), MWB-27(D), MWB-29(S), MWB-29(I), MWB-29(D), MWB-31(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 FSDWS at this site and are considered to be reflective of natural groundwater conditions in the area.
- 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.
- Of the volatile organic compounds (VOCs) monitored for, benzene was detected in concentrations slightly higher than laboratory detection limits in monitoring wells MWB- 34(S)and MWB-34(D); at concentrations of 0.35 ug/L and 0.48 ug/L respectively. These concentrations were well below the MCL of 1.0 ug/L. No other VOCs were detected above the laboratory reporting limits.
- 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:

- 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 pH 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.
- 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 points SW-1 (1,100 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 (3.96 SU) and SW-2 (4.41 SU). These values are consistent with background water quality in this area;
- The surface water dissolved oxygen as measured in the field at SW-1 (3.5mg/L.) exceeded the FDEP secondary water quality standard of 5.0 mg/L;

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

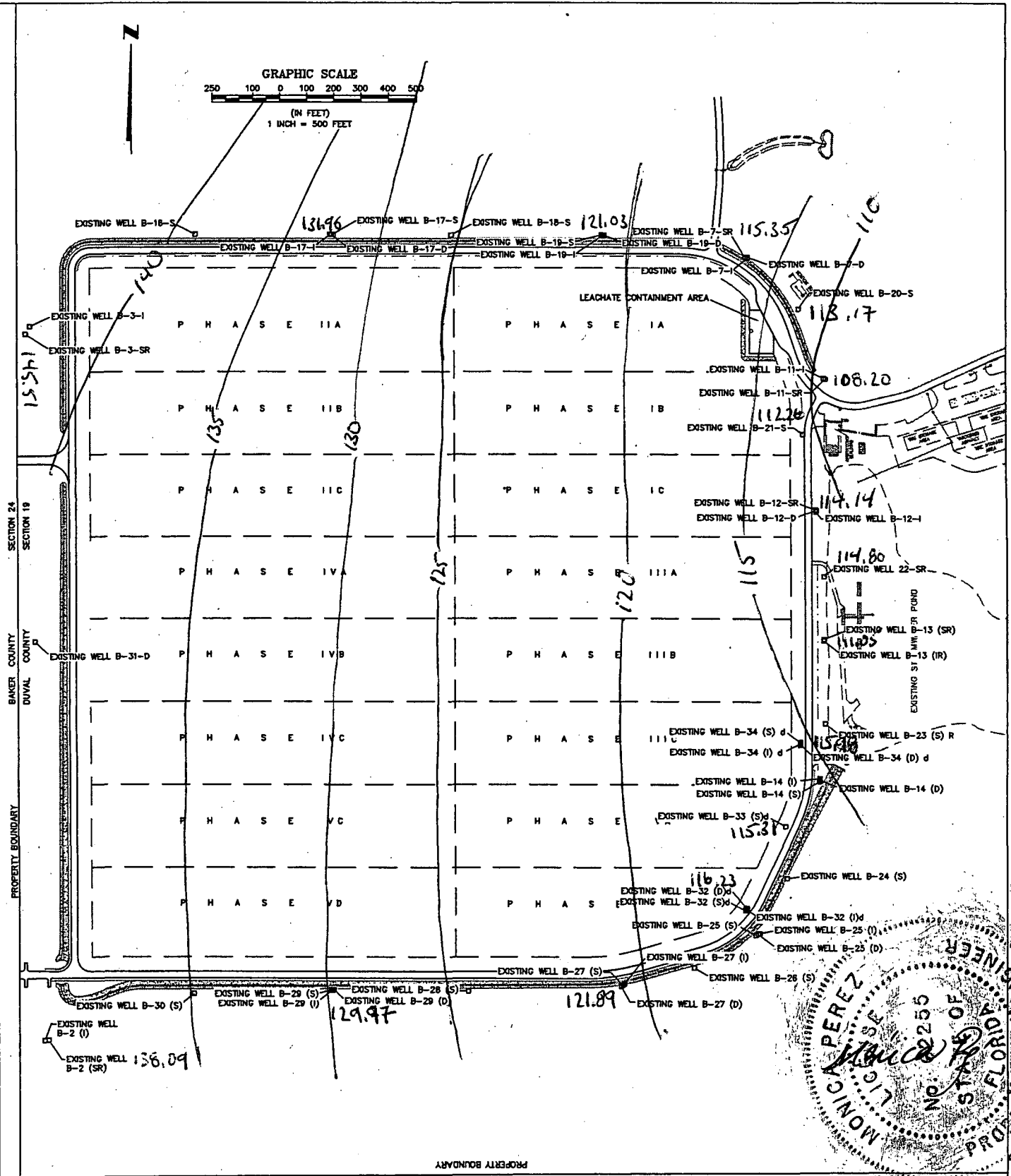
In accordance with Specific Condition 39 of the permit, leachate is sampled annually prior to September 30 and analyzed. Two samples are collected a composite sample (from tanks 1-5 designated LCS), and a sample of secondary leachate collection system (tank 6 designated LDSS) and analyzed for the parameters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

Leachate samples were collected on March 24, No exceedances of regulatory standards (40 CFR Part 261) were noted in the leachate samples collected for analysis.

In accordance with Specific Condition 14 gas condensate from the pump station is sampled semiannually 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 leachate samples collected for analysis.

5.0 SUMMARY

The data obtained during the first semi-annual monitoring event in 2005 at Trail Ridge Landfill are consistent with the historical data. The only constituents to exceed a ground water quality standard are total iron and pH. These detections are consistent with background water quality. Total Iron, dissolved oxygen and pH were the only parameters exceeding FDEP surface water standards in the surface water samples. The remainder of the data is below ground water quality standards and is consistent with historical data. Finally, no VOCs, including vinyl chloride were detected in well MW-34(S). The site appears to have addressed and mitigated the vinyl chloride detections. The monitoring well network continues to adequately monitor the landfill.



1"=500'

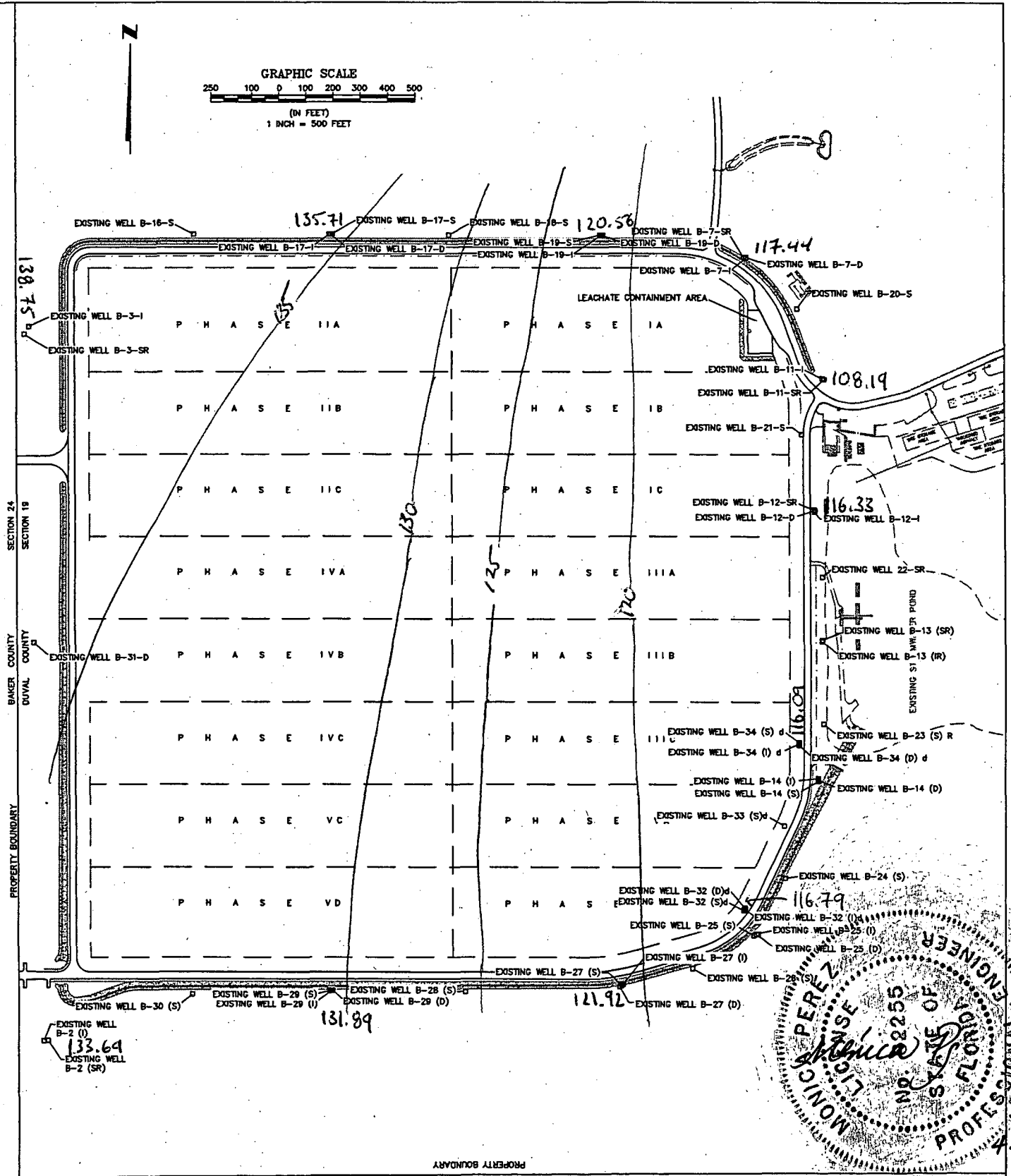


HDR Engineering, Inc.

GROUNDWATER CONTOUR MAP SHALLOW WELLS TRAIL RIDGE LANDFILL

Date
MARCH 05

Figure
FIG. 1



1"=500'

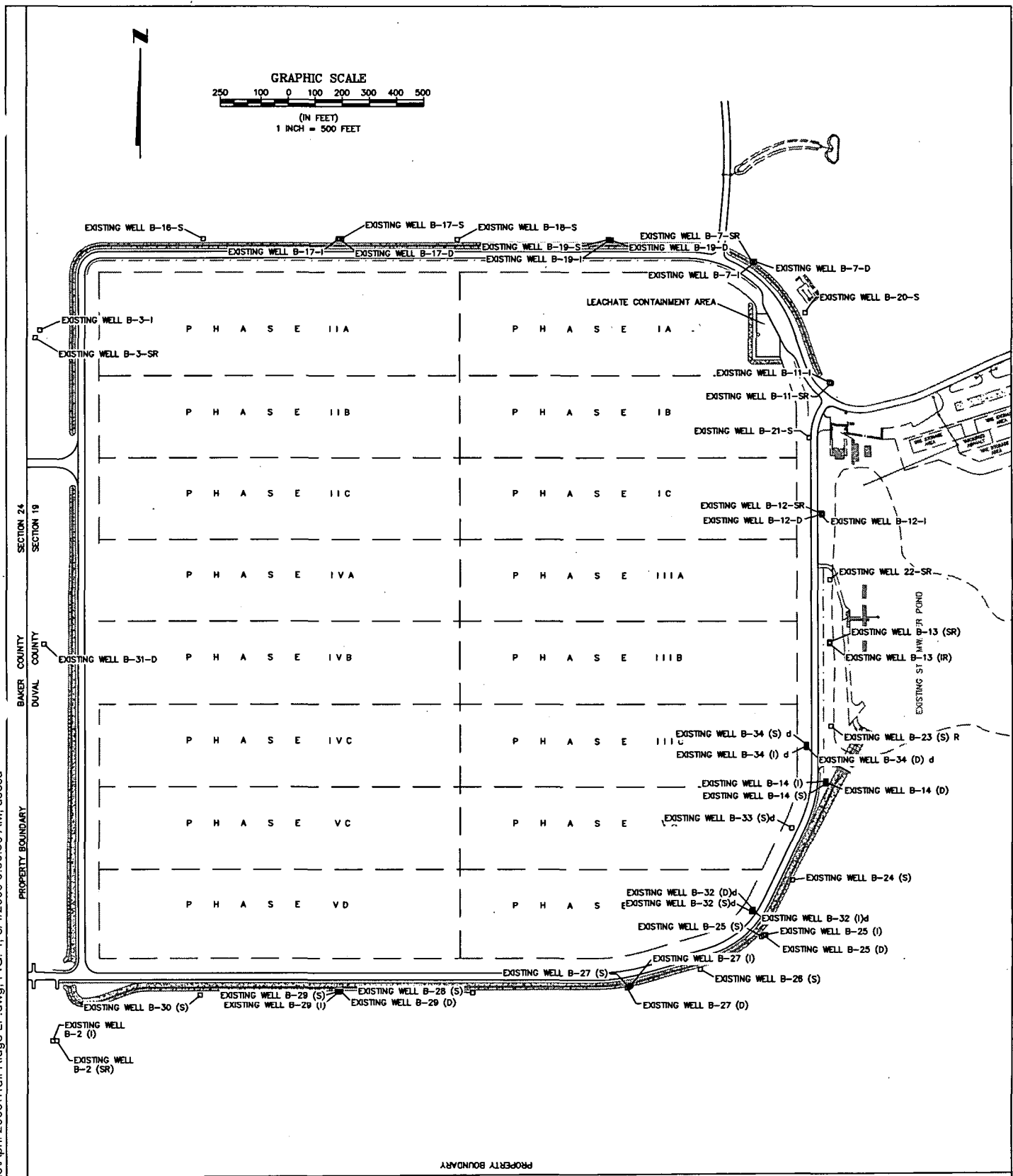


HDR Engineering, Inc.

GROUNDWATER CONTOUR MAP INTERMEDIATE WELLS TRAIL RIDGE LANDFILL

Date
MARCH 05

Figure
FIG. 2



1"=500'



HDR Engineering, Inc.

SAMPLE LOCATION MAP TRAIL RIDGE LANDFILL

Date
MARCH 05

Figure
FIG. 4

Appendix A

FDEP Semi-Annual Ground Water Parameter Monitoring Report Forms

Facility Name: TRAIL RIDGE/SEMI-ANNUAL BACKGROUND

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-III/F)

Sample Date/Time: 3/23/2005 12:18:00PM
Sampling Method: Unknown
Permitted
Well Type: BG

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (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
77128	Styrene	N	E84282	8260B	3/31/2005 7:11:00PM	0.98	0.98	ug/L	U
34475	Tetrachloroethene	N	E84282	8260B	3/31/2005 7:11:00PM	0.34	0.34	ug/L	U
34010	Toluene	N	E84282	8260B	3/31/2005 7:11:00PM	0.51	0.51	ug/L	U
34546	trans-1,2-Dichloroethene	N	E84282	8260B	3/31/2005 7:11:00PM	0.44	0.44	ug/L	U
34423	Methylene Chloride	N	E84282	8260B	3/31/2005 7:11:00PM	1	1	ug/L	U
49263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/31/2005 7:11:00PM	2.5	2.5	ug/L	U
32105	Dibromochloromethane	N	E84282	8260B	3/31/2005 7:11:00PM	0.34	0.34	ug/L	U
77424	Iodomethane	N	E84282	8260B	3/31/2005 7:11:00PM	0.67	0.67	ug/L	U
34699	trans-1,3-Dichloropropene	N	E84282	8260B	3/31/2005 7:11:00PM	0.14	0.14	ug/L	U
46361	Methylene bromide	N	E84282	8260B	3/31/2005 7:11:00PM	0.41	0.41	ug/L	U
32102	Carbon tetrachloride	N	E84282	8260B	3/31/2005 7:11:00PM	0.42	0.42	ug/L	U
81595	Methyl Ethyl Ketone	N	E84282	8260B	3/31/2005 7:11:00PM	8.4	8.4	ug/L	U
34371	Ethylbenzene	N	E84282	8260B	3/31/2005 7:11:00PM	0.83	0.83	ug/L	U
34704	cis-1,3-Dichloropropene	N	E84282	8260B	3/31/2005 7:11:00PM	0.14	0.14	ug/L	U
77093	cis-1,2-Dichloroethene	N	E84282	8260B	3/31/2005 7:11:00PM	0.65	0.65	ug/L	U
77103	2-Hexanone	N	E84282	8260B	3/31/2005 7:11:00PM	4.4	4.4	ug/L	U
81552	Acetone	N	E84282	8260B	3/31/2005 7:11:00PM	9.9	9.9	ug/L	U
34418	Chloromethane	N	E84282	8260B	3/31/2005 7:11:00PM	0.64	0.64	ug/L	U
34301	Chlorobenzene	N	E84282	8260B	3/31/2005 7:11:00PM	0.63	0.63	ug/L	U
1087	Vanadium	N	E84282	200.7 Rev 4.4	4/1/2005 8:55:00AM	2.5	2.5	ug/L	U
1027	Cadmium	N	E84282	200.7 Rev 4.4	4/1/2005 8:55:00AM	0.71	0.71	ug/L	U
77041	Carbon disulfide	N	E84282	8260B	3/31/2005 7:11:00PM	0.85	0.85	ug/L	U
34413	Bromomethane	N	E84282	8260B	3/31/2005 7:11:00PM	0.66	0.66	ug/L	U
32104	Bromoform	N	E84282	8260B	3/31/2005 7:11:00PM	0.58	0.58	ug/L	U
32101	Bromodichloromethane	N	E84282	8260B	3/31/2005 7:11:00PM	0.35	0.35	ug/L	U
73085	Bromochloromethane	N	E84282	8260B	3/31/2005 7:11:00PM	0.58	0.58	ug/L	U
34030	Benzene	N	E84282	8260B	3/31/2005 7:11:00PM	0.27	0.27	ug/L	U
34571	1,4-Dichlorobenzene	N	E84282	8260B	3/31/2005 7:11:00PM	0.52	0.52	ug/L	U
32106	Chloroform	N	E84282	8260B	3/31/2005 7:11:00PM	0.9	0.9	ug/L	U
1059	Thallium	N	E84282	200.8	4/1/2005 7:02:00PM	0.2	0.2	ug/L	U
34541	1,2-Dichloropropane	N	E84282	8260B	3/31/2005 7:11:00PM	0.52	0.52	ug/L	U
34311	Chloroethane	N	E84282	8260B	3/31/2005 7:11:00PM	0.8	0.8	ug/L	U
34531	1,2-Dichloroethane	N	E84282	8260B	3/31/2005 7:11:00PM	0.57	0.57	ug/L	U
34536	1,2-Dichlorobenzene	N	E84282	8260B	3/31/2005 7:11:00PM	0.44	0.44	ug/L	U
77443	1,2,3-Trichloropropane	N	E84282	8260B	3/31/2005 7:11:00PM	0.15	0.15	ug/L	U
34501	1,1-Dichloroethylene	N	E84282	8260B	3/31/2005 7:11:00PM	0.45	0.45	ug/L	U
34496	1,1-Dichloroethane	N	E84282	8260B	3/31/2005 7:11:00PM	0.52	0.52	ug/L	U
34215	Acrylonitrile	N	E84282	8260B	3/31/2005 7:11:00PM	1.2	1.2	ug/L	U
39175	Vinyl chloride	N	E84282	8260B	3/31/2005 7:11:00PM	0.5	0.5	ug/L	U
39180	Trichloroethene	N	E84282	8260B	3/31/2005 7:11:00PM	0.28	0.28	ug/L	U
1042	Copper	N	E84282	200.7 Rev 4.4	4/1/2005 8:55:00AM	1.3	1.3	ug/L	U
34511	1,1,2-Trichloroethane	N	E84282	8260B	3/31/2005 7:11:00PM	0.47	0.47	ug/L	U
1051	Lead	N	E84282	200.7 Rev 4.4	4/1/2005 8:55:00AM	1.5	1.5	ug/L	U
34488	Trichlorofluoromethane	N	E84282	8260B	3/31/2005 7:11:00PM	0.98	0.98	ug/L	U

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

Printed: 5/2/2005

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Form Produced by FDEP Validator software

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

Sample Date/Time: 3/23/2005 12:18:00PM
Sampling Method: Unknown
Permitted
Well Type: BG

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (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
1097	Antimony	N	E84282	200.7 Rev 4.4	4/1/2005 8:55:00AM	2.9	2.9	ug/L	U
1067	Nickel	N	E84282	200.7 Rev 4.4	4/1/2005 8:55:00AM	4.7	4.7	ug/L	U
34516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/31/2005 7:11:00PM	0.14	0.14	ug/L	U
74010	Iron	N	E84282	200.7 Rev 4.4	4/1/2005 8:55:00AM	0.26	0.037	mg/L	U
81551	Xylenes, Total	N	E84282	8260B	3/31/2005 7:11:00PM	0.98	0.98	ug/L	U
1037	Cobalt	N	E84282	200.7 Rev 4.4	4/1/2005 8:55:00AM	1.4	1.4	ug/L	U
71900	Mercury	N	E84282	245.1	3/31/2005 4:35:00PM	0.072	0.072	ug/L	U
1077	Silver	N	E84282	200.7 Rev 4.4	4/1/2005 8:55:00AM	1.9	1.9	ug/L	U
940	Chloride	N	E84282	325.2	4/4/2005 1:30:00PM	7.2	0.9	mg/L	U
77057	Vinyl acetate	N	E84282	8260B	3/31/2005 7:11:00PM	1.5	1.5	ug/L	U
929	Sodium	N	E84282	200.7 Rev 4.4	4/1/2005 8:55:00AM	3	0.15	mg/L	U
1007	Barium	N	E84282	200.7 Rev 4.4	4/1/2005 8:55:00AM	17	1.2	ug/L	U
1147	Selenium	N	E84282	200.7 Rev 4.4	4/1/2005 8:55:00AM	4.8	4.8	ug/L	U
1002	Arsenic	N	E84282	200.7 Rev 4.4	4/1/2005 8:55:00AM	3.8	3.8	ug/L	U
78133	methyl isobutyl ketone	N	E84282	8260B	3/31/2005 7:11:00PM	3.8	3.8	ug/L	U
77562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/31/2005 7:11:00PM	0.63	0.63	ug/L	U
620	Nitrogen, Nitrate	N	E84282	353.2	3/25/2005 1:41:00PM	0.01	0.01	mg/L	U
515	Total Dissolved Solids	N	E84282	160.1	4/22/2005 1:30:00PM	56	5	mg/L	U
38437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/31/2005 11:43:00AM	0.0031	0.0031	ug/L	U
1092	Zinc	N	E84282	200.7 Rev 4.4	4/1/2005 8:55:00AM	5.9	5.9	ug/L	U
1012	Beryllium	N	E84282	200.7 Rev 4.4	4/1/2005 8:55:00AM	0.74	0.74	ug/L	U
1034	Chromium	N	E84282	200.7 Rev 4.4	4/1/2005 8:55:00AM	1.7	1.7	ug/L	U
34506	1,1,1-Trichloroethane	N	E84282	8260B	3/31/2005 7:11:00PM	0.46	0.46	ug/L	U
82545	Water Level	N	E84282	FIELD	3/23/2005 12:18:00PM	138		ft	U
610	Ammonia	N	E84282	350.1	4/1/2005 4:30:00PM	0.04	0.04	mg/L	U
299	Oxygen, Dissolved	N	E84282	360.1	3/23/2005 12:18:00PM	67		mg/L	U
82079	Turbidity	N	E84282	180.1	3/23/2005 7:49:00AM	3.5		NTU	U
94	Specific Conductance	N	E84282	120.1	3/23/2005 12:18:00PM	67		umhos/cm	U
46369	Ethylene Dibromide	N	E84282	504.1	3/31/2005 11:43:00AM	0.0089	0.0089	ug/L	U
10	Temperature	N	E84282	170.1	3/23/2005 12:18:00PM	18.2		Degrees C	U
403	pH	N	E84282	150.1	3/23/2005 12:18:00PM	4.39		SU	U

Total Parameters Monitored: 75

Facility Name: TRAIL RIDGE/SEMI-ANNUAL BACKGROUND

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

Sample Date/Time: 3/23/2005 12:01:00PM
 Sampling Method: Unknown
 Permitted
 Well Type: BG

(AS) Assessment (IW) Irrigation Well
 (BG) Background (OT) Other
 (CO) Compliance (PZ) Piezometer
 (DE) Detection (SO) Source
 (DG) Downgradient (UP) Upgradient
 (IM) Intermediate (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
1087	Vanadium	N	E84282	200.7 Rev 4.4	4/1/2005 8:49:00AM	2.5	2.5	ug/L	U
81595	Methyl Ethyl Ketone	N	E84282	8260B	3/31/2005 6:52:00PM	8.4	8.4	ug/L	U
610	Ammonia	N	E84282	350.1	4/1/2005 4:30:00PM	0.04	0.04	mg/L	U
34699	trans-1,3-Dichloropropene	N	E84282	8260B	3/31/2005 6:52:00PM	0.14	0.14	ug/L	U
1051	Lead	N	E84282	200.7 Rev 4.4	4/1/2005 8:49:00AM	1.5	1.5	ug/L	U
94	Specific Conductance	N	E84282	120.1	3/23/2005 12:01:00PM	40		umhos/cm	U
71900	Mercury	N	E84282	245.1	3/31/2005 4:33:00PM	0.072	0.072	ug/L	U
1037	Cobalt	N	E84282	200.7 Rev 4.4	4/1/2005 8:49:00AM	1.4	1.4	ug/L	U
1092	Zinc	N	E84282	200.7 Rev 4.4	4/1/2005 8:49:00AM	5.9	5.9	ug/L	U
34475	Tetrachloroethene	N	E84282	8260B	3/31/2005 6:52:00PM	0.34	0.34	ug/L	U
929	Sodium	N	E84282	200.7 Rev 4.4	4/1/2005 8:49:00AM	4.3	0.15	mg/L	U
1077	Silver	N	E84282	200.7 Rev 4.4	4/1/2005 8:49:00AM	1.9	1.9	ug/L	U
620	Nitrogen, Nitrate	N	E84282	353.2	3/25/2005 1:41:00PM	0.01	0.01	mg/L	I
1067	Nickel	N	E84282	200.7 Rev 4.4	4/1/2005 8:49:00AM	4.7	4.7	ug/L	U
1002	Arsenic	N	E84282	200.7 Rev 4.4	4/1/2005 8:49:00AM	3.8	3.8	ug/L	U
74010	Iron	N	E84282	200.7 Rev 4.4	4/1/2005 8:49:00AM	0.4	0.037	mg/L	U
1042	Copper	N	E84282	200.7 Rev 4.4	4/1/2005 8:49:00AM	1.3	1.3	ug/L	U
1059	Thallium	N	E84282	200.8	4/1/2005 6:41:00PM	0.2	0.2	ug/L	U
77057	Vinyl acetate	N	E84282	8260B	3/31/2005 6:52:00PM	1.5	1.5	ug/L	U
77041	Carbon disulfide	N	E84282	8260B	3/31/2005 6:52:00PM	0.85	0.85	ug/L	U
1097	Antimony	N	E84282	200.7 Rev 4.4	4/1/2005 8:49:00AM	2.9	2.9	ug/L	U
403	pH	N	E84282	150.1	3/23/2005 12:01:00PM	4.85		SU	U
10	Temperature	N	E84282	170.1	3/23/2005 12:01:00PM	21.2		Degrees C	U
34010	Toluene	N	E84282	8260B	3/31/2005 6:52:00PM	0.51	0.51	ug/L	U
940	Chloride	N	E84282	325.2	4/4/2005 1:30:00PM	9.9	0.9	mg/L	U
515	Total Dissolved Solids	N	E84282	160.1	4/22/2005 1:30:00PM	40	5	mg/L	U
46361	Methylene bromide	N	E84282	8260B	3/31/2005 6:52:00PM	0.41	0.41	ug/L	U
39175	Vinyl chloride	N	E84282	8260B	3/31/2005 6:52:00PM	0.5	0.5	ug/L	U
77128	Styrene	N	E84282	8260B	3/31/2005 6:52:00PM	0.98	0.98	ug/L	U
34488	Trichlorofluoromethane	N	E84282	8260B	3/31/2005 6:52:00PM	0.98	0.98	ug/L	U
39180	Trichloroethene	N	E84282	8260B	3/31/2005 6:52:00PM	0.28	0.28	ug/L	U
49263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/31/2005 6:52:00PM	2.5	2.5	ug/L	U
34371	Ethylbenzene	N	E84282	8260B	3/31/2005 6:52:00PM	0.83	0.83	ug/L	U
34546	trans-1,2-Dichloroethene	N	E84282	8260B	3/31/2005 6:52:00PM	0.44	0.44	ug/L	U
1007	Barium	N	E84282	200.7 Rev 4.4	4/1/2005 8:49:00AM	23	1.2	ug/L	U
78133	methyl isobutyl ketone	N	E84282	8260B	3/31/2005 6:52:00PM	3.8	3.8	ug/L	U
81551	Xylenes, Total	N	E84282	8260B	3/31/2005 6:52:00PM	0.98	0.98	ug/L	U
34413	Bromomethane	N	E84282	8260B	3/31/2005 6:52:00PM	0.66	0.66	ug/L	U
32104	Bromoform	N	E84282	8260B	3/31/2005 6:52:00PM	0.58	0.58	ug/L	U
34704	cis-1,3-Dichloropropene	N	E84282	8260B	3/31/2005 6:52:00PM	0.14	0.14	ug/L	U
77093	cis-1,2-Dichloroethene	N	E84282	8260B	3/31/2005 6:52:00PM	0.65	0.65	ug/L	U
34418	Chloromethane	N	E84282	8260B	3/31/2005 6:52:00PM	0.64	0.64	ug/L	U
32106	Chloroform	N	E84282	8260B	3/31/2005 6:52:00PM	0.9	0.9	ug/L	U
34311	Chloroethane	N	E84282	8260B	3/31/2005 6:52:00PM	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.

Printed: 5/2/2005

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Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 17180
WACS Testsite Name: MWB21
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-III/F)

Sample Date/Time: 3/23/2005 12:01:00PM
Sampling Method: Unknown
Permitted
Well Type: BG

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (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
34301	Chlorobenzene	N	E84282	8260B	3/31/2005 6:52:00PM	0.63	0.63	ug/L	U
46369	Ethylene Dibromide	N	E84282	504.1	3/31/2005 10:39:00AM	0.0094	0.0094	ug/L	U
34536	1,2-Dichlorobenzene	N	E84282	8260B	3/31/2005 6:52:00PM	0.44	0.44	ug/L	U
77103	2-Hexanone	N	E84282	8260B	3/31/2005 6:52:00PM	4.4	4.4	ug/L	U
32101	Bromodichloromethane	N	E84282	8260B	3/31/2005 6:52:00PM	0.35	0.35	ug/L	U
73085	Bromochloromethane	N	E84282	8260B	3/31/2005 6:52:00PM	0.58	0.58	ug/L	U
34030	Benzene	N	E84282	8260B	3/31/2005 6:52:00PM	0.27	0.27	ug/L	U
34215	Acrylonitrile	N	E84282	8260B	3/31/2005 6:52:00PM	1.2	1.2	ug/L	U
81552	Acetone	N	E84282	8260B	3/31/2005 6:52:00PM	9.9	9.9	ug/L	U
1034	Chromium	N	E84282	200.7 Rev 4.4	4/1/2005 8:49:00AM	1.7	1.7	ug/L	U
34571	1,4-Dichlorobenzene	N	E84282	8260B	3/31/2005 6:52:00PM	0.52	0.52	ug/L	U
34423	Methylene Chloride	N	E84282	8260B	3/31/2005 6:52:00PM	1	1	ug/L	U
32102	Carbon tetrachloride	N	E84282	8260B	3/31/2005 6:52:00PM	0.42	0.42	ug/L	U
32105	Dibromochloromethane	N	E84282	8260B	3/31/2005 6:52:00PM	0.34	0.34	ug/L	U
1012	Beryllium	N	E84282	200.7 Rev 4.4	4/1/2005 8:49:00AM	0.74	0.74	ug/L	U
1147	Selenium	N	E84282	200.7 Rev 4.4	4/1/2005 8:49:00AM	4.8	4.8	ug/L	U
82545	Water Level	N	E84282	FIELD	3/23/2005 12:01:00PM	134		ft	
77424	Iodomethane	N	E84282	8260B	3/31/2005 6:52:00PM	0.67	0.67	ug/L	U
77443	1,2,3-Trichloropropane	N	E84282	8260B	3/31/2005 6:52:00PM	0.15	0.15	ug/L	U
34501	1,1-Dichloroethylene	N	E84282	8260B	3/31/2005 6:52:00PM	0.45	0.45	ug/L	U
34496	1,1-Dichloroethane	N	E84282	8260B	3/31/2005 6:52:00PM	0.52	0.52	ug/L	U
34511	1,1,2-Trichloroethane	N	E84282	8260B	3/31/2005 6:52:00PM	0.47	0.47	ug/L	U
82079	Turbidity	N	E84282	180.1	3/23/2005 7:49:00AM	1		NTU	
34506	1,1,1-Trichloroethane	N	E84282	8260B	3/31/2005 6:52:00PM	0.46	0.46	ug/L	U
77562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/31/2005 6:52:00PM	0.63	0.63	ug/L	U
34531	1,2-Dichloroethane	N	E84282	8260B	3/31/2005 6:52:00PM	0.57	0.57	ug/L	U
38437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/31/2005 10:39:00AM	0.0032	0.0032	ug/L	U
34541	1,2-Dichloropropane	N	E84282	8260B	3/31/2005 6:52:00PM	0.52	0.52	ug/L	U
299	Oxygen, Dissolved	N	E84282	360.1	3/23/2005 12:01:00PM	40		mg/L	
1027	Cadmium	N	E84282	200.7 Rev 4.4	4/1/2005 8:49:00AM	0.71	0.71	ug/L	U
34516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/31/2005 6:52:00PM	0.14	0.14	ug/L	U

Total Parameters Monitored: 75

Facility Name: TRAIL RIDGE/SEMI-ANNUAL BACKGROUND

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-III/F)

Sample Date/Time: 3/23/2005 1:06:00PM
Sampling Method: Unknown
Permitted
Well Type: BG

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (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
1059	Thallium	N	E84282	200.8	4/1/2005 7:24:00PM	0.2	0.2	ug/L	U
34030	Benzene	N	E84282	8260B	3/31/2005 8:09:00PM	0.27	0.27	ug/L	U
1087	Vanadium	N	E84282	200.7 Rev 4.4	4/1/2005 9:23:00AM	2.5	2.5	ug/L	U
929	Sodium	N	E84282	200.7 Rev 4.4	4/1/2005 9:23:00AM	3	0.15	mg/l	
1077	Silver	N	E84282	200.7 Rev 4.4	4/1/2005 9:23:00AM	1.9	1.9	ug/L	U
74010	Iron	N	E84282	200.7 Rev 4.4	4/1/2005 9:23:00AM	0.73	0.037	mg/L	
1092	Zinc	N	E84282	200.7 Rev 4.4	4/1/2005 9:23:00AM	5.9	5.9	ug/L	U
1147	Selenium	N	E84282	200.7 Rev 4.4	4/1/2005 9:23:00AM	4.8	4.8	ug/L	U
1034	Chromium	N	E84282	200.7 Rev 4.4	4/1/2005 9:23:00AM	1.7	1.7	ug/L	U
1097	Antimony	N	E84282	200.7 Rev 4.4	4/1/2005 9:23:00AM	2.9	2.9	ug/L	U
1027	Cadmium	N	E84282	200.7 Rev 4.4	4/1/2005 9:23:00AM	0.71	0.71	ug/L	U
1037	Cobalt	N	E84282	200.7 Rev 4.4	4/1/2005 9:23:00AM	1.4	1.4	ug/L	U
82079	Turbidity	N	E84282	180.1	3/23/2005 7:49:00AM	5.1		NTU	
77424	Iodomethane	N	E84282	8260B	3/31/2005 8:09:00PM	0.67	0.67	ug/L	U
1012	Beryllium	N	E84282	200.7 Rev 4.4	4/1/2005 9:23:00AM	0.74	0.74	ug/L	U
1051	Lead	N	E84282	200.7 Rev 4.4	4/1/2005 9:23:00AM	1.5	1.5	ug/L	U
34311	Chloroethane	N	E84282	8260B	3/31/2005 8:09:00PM	0.8	0.8	ug/L	U
1007	Barium	N	E84282	200.7 Rev 4.4	4/1/2005 9:23:00AM	12	1.2	ug/L	
71900	Mercury	N	E84282	245.1	3/31/2005 4:40:00PM	0.072	0.072	ug/l	U
81595	Methyl Ethyl Ketone	N	E84282	8260B	3/31/2005 8:09:00PM	8.4	8.4	ug/L	U
78133	methyl isobutyl ketone	N	E84282	8260B	3/31/2005 8:09:00PM	3.8	3.8	ug/L	U
39175	Vinyl chloride	N	E84282	8260B	3/31/2005 8:09:00PM	0.5	0.5	ug/L	U
81551	Xylenes, Total	N	E84282	8260B	3/31/2005 8:09:00PM	0.98	0.98	ug/L	U
515	Total Dissolved Solids	N	E84282	160.1	4/22/2005 1:30:00PM	38	5	mg/L	
610	Ammonia	N	E84282	350.1	4/1/2005 4:30:00PM	0.04	0.04	mg/L	U
403	pH	N	E84282	150.1	3/23/2005 1:06:00PM	4.73		SU	
34371	Ethylbenzene	N	E84282	8260B	3/31/2005 8:09:00PM	0.83	0.83	ug/L	U
32105	Dibromochloromethane	N	E84282	8260B	3/31/2005 8:09:00PM	0.34	0.34	ug/L	U
34704	cis-1,3-Dichloropropene	N	E84282	8260B	3/31/2005 8:09:00PM	0.14	0.14	ug/L	U
77093	cis-1,2-Dichloroethene	N	E84282	8260B	3/31/2005 8:09:00PM	0.65	0.65	ug/L	U
620	Nitrogen, Nitrate	N	E84282	353.2	3/25/2005 1:41:00PM	0.01	0.01	mg/L	U
32106	Chloroform	N	E84282	8260B	3/31/2005 8:09:00PM	0.9	0.9	ug/L	U
1042	Copper	N	E84282	200.7 Rev 4.4	4/1/2005 9:23:00AM	1.3	1.3	ug/L	U
940	Chloride	N	E84282	325.2	4/4/2005 1:30:00PM	8.3	0.9	mg/L	
32102	Carbon tetrachloride	N	E84282	8260B	3/31/2005 8:09:00PM	0.42	0.42	ug/L	U
34413	Bromomethane	N	E84282	8260B	3/31/2005 8:09:00PM	0.66	0.66	ug/L	U
82545	Water Level	N	E84282	FIELD	3/23/2005 1:06:00PM	146		ft	
38437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/31/2005 1:07:00PM	0.0031	0.0031	ug/L	U
46369	Ethylene Dibromide	N	E84282	504.1	3/31/2005 1:07:00PM	0.0089	0.0089	ug/L	U
34571	1,4-Dichlorobenzene	N	E84282	8260B	3/31/2005 8:09:00PM	0.52	0.52	ug/L	U
77103	2-Hexanone	N	E84282	8260B	3/31/2005 8:09:00PM	4.4	4.4	ug/L	U
34215	Acrylonitrile	N	E84282	8260B	3/31/2005 8:09:00PM	1.2	1.2	ug/L	U
73085	Bromochloromethane	N	E84282	8260B	3/31/2005 8:09:00PM	0.58	0.58	ug/L	U
34531	1,2-Dichloroethane	N	E84282	8260B	3/31/2005 8:09:00PM	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.

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Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 17183
WACS Testsite Name: MWB3S
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIIF)

Sample Date/Time: 3/23/2005 1:06:00PM
Sampling Method: Unknown
Permitted
Well Type: BG

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (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
299	Oxygen, Dissolved	N	E84282	360.1	3/23/2005 1:06:00PM	51		mg/L	
32104	Bromoform	N	E84282	8260B	3/31/2005 8:09:00PM	0.58	0.58	ug/L	U
10	Temperature	N	E84282	170.1	3/23/2005 1:06:00PM	18.1		Degrees C	
32101	Bromodichloromethane	N	E84282	8260B	3/31/2005 8:09:00PM	0.35	0.35	ug/L	U
34475	Tetrachloroethene	N	E84282	8260B	3/31/2005 8:09:00PM	0.34	0.34	ug/L	U
77128	Styrene	N	E84282	8260B	3/31/2005 8:09:00PM	0.98	0.98	ug/L	U
34423	Methylene Chloride	N	E84282	8260B	3/31/2005 8:09:00PM	1	1	ug/L	U
46361	Methylene bromide	N	E84282	8260B	3/31/2005 8:09:00PM	0.41	0.41	ug/L	U
34418	Chloromethane	N	E84282	8260B	3/31/2005 8:09:00PM	0.64	0.64	ug/L	U
1002	Arsenic	N	E84282	200.7 Rev 4.4	4/1/2005 9:23:00AM	3.8	3.8	ug/L	U
34699	trans-1,3-Dichloropropene	N	E84282	8260B	3/31/2005 8:09:00PM	0.14	0.14	ug/L	U
34301	Chlorobenzene	N	E84282	8260B	3/31/2005 8:09:00PM	0.63	0.63	ug/L	U
1067	Nickel	N	E84282	200.7 Rev 4.4	4/1/2005 9:23:00AM	4.7	4.7	ug/L	U
77443	1,2,3-Trichloropropane	N	E84282	8260B	3/31/2005 8:09:00PM	0.15	0.15	ug/L	U
77041	Carbon disulfide	N	E84282	8260B	3/31/2005 8:09:00PM	0.85	0.85	ug/L	U
94	Specific Conductance	N	E84282	120.1	3/23/2005 1:06:00PM	51		umhos/cm	
81552	Acetone	N	E84282	8260B	3/31/2005 8:09:00PM	9.9	9.9	ug/L	U
49263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/31/2005 8:09:00PM	2.5	2.5	ug/L	U
39180	Trichloroethene	N	E84282	8260B	3/31/2005 8:09:00PM	0.28	0.28	ug/L	U
77057	Vinyl acetate	N	E84282	8260B	3/31/2005 8:09:00PM	1.5	1.5	ug/L	U
34541	1,2-Dichloropropane	N	E84282	8260B	3/31/2005 8:09:00PM	0.52	0.52	ug/L	U
34546	trans-1,2-Dichloroethene	N	E84282	8260B	3/31/2005 8:09:00PM	0.44	0.44	ug/L	U
34511	1,1,2-Trichloroethane	N	E84282	8260B	3/31/2005 8:09:00PM	0.47	0.47	ug/L	U
77562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/31/2005 8:09:00PM	0.63	0.63	ug/L	U
34506	1,1,1-Trichloroethane	N	E84282	8260B	3/31/2005 8:09:00PM	0.46	0.46	ug/L	U
34488	Trichlorofluoromethane	N	E84282	8260B	3/31/2005 8:09:00PM	0.98	0.98	ug/L	U
34516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/31/2005 8:09:00PM	0.14	0.14	ug/L	U
34496	1,1-Dichloroethane	N	E84282	8260B	3/31/2005 8:09:00PM	0.52	0.52	ug/L	U
34501	1,1-Dichloroethylene	N	E84282	8260B	3/31/2005 8:09:00PM	0.45	0.45	ug/L	U
34010	Toluene	N	E84282	8260B	3/31/2005 8:09:00PM	0.51	0.51	ug/L	U
34536	1,2-Dichlorobenzene	N	E84282	8260B	3/31/2005 8:09:00PM	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.

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Form Produced by FDEP Validator software

Facility Name: TRAIL RIDGE/SEMI-ANNUAL BACKGROUND

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-III(F))

Sample Date/Time: 3/23/2005 1:44:00PM
 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
32102	Carbon tetrachloride	N	E84282	8260B	3/31/2005 7:49:00PM	0.42	0.42	ug/L	U
77424	Iodomethane	N	E84282	8260B	3/31/2005 7:49:00PM	0.67	0.67	ug/L	U
32105	Dibromochloromethane	N	E84282	8260B	3/31/2005 7:49:00PM	0.34	0.34	ug/L	U
77093	cis-1,2-Dichloroethene	N	E84282	8260B	3/31/2005 7:49:00PM	0.65	0.65	ug/L	U
1007	Barium	N	E84282	200.7 Rev 4.4	4/1/2005 9:17:00AM	22	1.2	ug/L	U
32106	Chloroform	N	E84282	8260B	3/31/2005 7:49:00PM	0.9	0.9	ug/L	U
34536	1,2-Dichlorobenzene	N	E84282	8260B	3/31/2005 7:49:00PM	0.44	0.44	ug/L	U
34301	Chlorobenzene	N	E84282	8260B	3/31/2005 7:49:00PM	0.63	0.63	ug/L	U
34531	1,2-Dichloroethane	N	E84282	8260B	3/31/2005 7:49:00PM	0.57	0.57	ug/L	U
39175	Vinyl chloride	N	E84282	8260B	3/31/2005 7:49:00PM	0.5	0.5	ug/L	U
34311	Chloroethane	N	E84282	8260B	3/31/2005 7:49:00PM	0.8	0.8	ug/L	U
81552	Acetone	N	E84282	8260B	3/31/2005 7:49:00PM	9.9	9.9	ug/L	U
929	Sodium	N	E84282	200.7 Rev 4.4	4/1/2005 9:17:00AM	3	0.15	mg/l	U
34488	Trichlorofluoromethane	N	E84282	8260B	3/31/2005 7:49:00PM	0.98	0.98	ug/L	U
1042	Copper	N	E84282	200.7 Rev 4.4	4/1/2005 9:17:00AM	1.3	1.3	ug/L	U
39180	Trichloroethene	N	E84282	8260B	3/31/2005 7:49:00PM	0.28	0.28	ug/L	U
1034	Chromium	N	E84282	200.7 Rev 4.4	4/1/2005 9:17:00AM	1.7	1.7	ug/L	U
1037	Cobalt	N	E84282	200.7 Rev 4.4	4/1/2005 9:17:00AM	1.4	1.4	ug/L	U
1027	Cadmium	N	E84282	200.7 Rev 4.4	4/1/2005 9:17:00AM	0.71	0.71	ug/L	U
74010	Iron	N	E84282	200.7 Rev 4.4	4/1/2005 9:17:00AM	0.66	0.037	mg/L	U
1051	Lead	N	E84282	200.7 Rev 4.4	4/1/2005 9:17:00AM	1.5	1.5	ug/L	U
1067	Nickel	N	E84282	200.7 Rev 4.4	4/1/2005 9:17:00AM	4.7	4.7	ug/L	U
81595	Methyl Ethyl Ketone	N	E84282	8260B	3/31/2005 7:49:00PM	8.4	8.4	ug/L	U
1087	Vanadium	N	E84282	200.7 Rev 4.4	4/1/2005 9:17:00AM	2.5	2.5	ug/L	U
77057	Vinyl acetate	N	E84282	8260B	3/31/2005 7:49:00PM	1.5	1.5	ug/L	U
49263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/31/2005 7:49:00PM	2.5	2.5	ug/L	U
1147	Selenium	N	E84282	200.7 Rev 4.4	4/1/2005 9:17:00AM	4.8	4.8	ug/L	U
34418	Chloromethane	N	E84282	8260B	3/31/2005 7:49:00PM	0.64	0.64	ug/L	U
34030	Benzene	N	E84282	8260B	3/31/2005 7:49:00PM	0.27	0.27	ug/L	U
620	Nitrogen, Nitrate	N	E84282	353.2	3/25/2005 1:41:00PM	0.01	0.01	mg/L	U
610	Ammonia	N	E84282	350.1	4/1/2005 4:30:00PM	0.04	0.04	mg/L	U
940	Chloride	N	E84282	325.2	4/4/2005 1:30:00PM	5.6	0.9	mg/L	U
515	Total Dissolved Solids	N	E84282	160.1	4/22/2005 1:30:00PM	32	5	mg/L	U
81551	Xylenes, Total	N	E84282	8260B	3/31/2005 7:49:00PM	0.98	0.98	ug/L	U
1002	Arsenic	N	E84282	200.7 Rev 4.4	4/1/2005 9:17:00AM	3.8	3.8	ug/L	U
1077	Silver	N	E84282	200.7 Rev 4.4	4/1/2005 9:17:00AM	1.9	1.9	ug/L	U
299	Oxygen, Dissolved	N	E84282	360.1	3/23/2005 1:44:00PM	33		mg/L	U
32101	Bromodichloromethane	N	E84282	8260B	3/31/2005 7:49:00PM	0.35	0.35	ug/L	U
73085	Bromochloromethane	N	E84282	8260B	3/31/2005 7:49:00PM	0.58	0.58	ug/L	U
1097	Antimony	N	E84282	200.7 Rev 4.4	4/1/2005 9:17:00AM	2.9	2.9	ug/L	U
46369	Ethylene Dibromide	N	E84282	504.1	3/31/2005 12:46:00PM	0.009	0.009	ug/L	U
34699	trans-1,3-Dichloropropene	N	E84282	8260B	3/31/2005 7:49:00PM	0.14	0.14	ug/L	U
34571	1,4-Dichlorobenzene	N	E84282	8260B	3/31/2005 7:49:00PM	0.52	0.52	ug/L	U
34541	1,2-Dichloropropane	N	E84282	8260B	3/31/2005 7:49:00PM	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.

Printed: 5/2/2005

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Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 17182
WACS Testsite Name: MWB3I
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-III/F)

Sample Date/Time: 3/23/2005 1:44:00PM
Sampling Method: Unknown
Permitted
Well Type: BG

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (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
32104	Bromoform	N	E84282	8260B	3/31/2005 7:49:00PM	0.58	0.58	ug/L	U
82545	Water Level	N	E84282	FIELD	3/23/2005 1:44:00PM	139		ft	
94	Specific Conductance	N	E84282	120.1	3/23/2005 1:44:00PM	33		umhos/cm	
82079	Turbidity	N	E84282	180.1	3/23/2005 7:49:00AM	0.2		NTU	
10	Temperature	N	E84282	170.1	3/23/2005 1:44:00PM	21		Degrees C	
403	pH	N	E84282	150.1	3/23/2005 1:44:00PM	4.77		SU	
77443	1,2,3-Trichloropropane	N	E84282	8260B	3/31/2005 7:49:00PM	0.15	0.15	ug/L	U
71900	Mercury	N	E84282	245.1	3/31/2005 4:39:00PM	0.072	0.072	ug/l	U
34371	Ethylbenzene	N	E84282	8260B	3/31/2005 7:49:00PM	0.83	0.83	ug/L	U
1092	Zinc	N	E84282	200.7 Rev 4.4	4/1/2005 9:17:00AM	11	5.9	ug/L	I
1012	Beryllium	N	E84282	200.7 Rev 4.4	4/1/2005 9:17:00AM	0.74	0.74	ug/L	U
38437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/31/2005 12:46:00PM	0.0031	0.0031	ug/L	U
34516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/31/2005 7:49:00PM	0.14	0.14	ug/L	U
1059	Thallium	N	E84282	200.8	4/1/2005 7:17:00PM	0.2	0.2	ug/L	U
34413	Bromomethane	N	E84282	8260B	3/31/2005 7:49:00PM	0.66	0.66	ug/L	U
34501	1,1-Dichloroethylene	N	E84282	8260B	3/31/2005 7:49:00PM	0.45	0.45	ug/L	U
34511	1,1,2-Trichloroethane	N	E84282	8260B	3/31/2005 7:49:00PM	0.47	0.47	ug/L	U
34215	Acrylonitrile	N	E84282	8260B	3/31/2005 7:49:00PM	1.2	1.2	ug/L	U
34506	1,1,1-Trichloroethane	N	E84282	8260B	3/31/2005 7:49:00PM	0.46	0.46	ug/L	U
77562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/31/2005 7:49:00PM	0.63	0.63	ug/L	U
34704	cis-1,3-Dichloropropene	N	E84282	8260B	3/31/2005 7:49:00PM	0.14	0.14	ug/L	U
77103	2-Hexanone	N	E84282	8260B	3/31/2005 7:49:00PM	4.4	4.4	ug/L	U
34423	Methylene Chloride	N	E84282	8260B	3/31/2005 7:49:00PM	1	1	ug/L	U
77041	Carbon disulfide	N	E84282	8260B	3/31/2005 7:49:00PM	0.85	0.85	ug/L	U
34496	1,1-Dichloroethane	N	E84282	8260B	3/31/2005 7:49:00PM	0.52	0.52	ug/L	U
78133	methyl isobutyl ketone	N	E84282	8260B	3/31/2005 7:49:00PM	3.8	3.8	ug/L	U
46361	Methylene bromide	N	E84282	8260B	3/31/2005 7:49:00PM	0.41	0.41	ug/L	U
77128	Styrene	N	E84282	8260B	3/31/2005 7:49:00PM	0.98	0.98	ug/L	U
34475	Tetrachloroethene	N	E84282	8260B	3/31/2005 7:49:00PM	0.34	0.34	ug/L	U
34010	Toluene	N	E84282	8260B	3/31/2005 7:49:00PM	0.51	0.51	ug/L	U
34546	trans-1,2-Dichloroethene	N	E84282	8260B	3/31/2005 7:49:00PM	0.44	0.44	ug/L	U

Total Parameters Monitored: 75

Facility Name: SEMI-ANNUAL PHASE I/TRAIL RIDGE

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-III(F))

Sample Date/Time: 3/22/2005 8:45:00AM
Sampling Method: our Composite - (Surface Water)
Permitted
Well Type: CO

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (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
034301	Chlorobenzene	N	E84282	8260B	3/30/2005 4:02:00AM	0.63	0.63	ug/L	U
034418	Chloromethane	N	E84282	8260B	3/30/2005 4:02:00AM	0.64	0.64	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/30/2005 12:38:00AM	0.0031	0.0031	ug/L	U
039180	Trichloroethene	N	E84282	8260B	3/30/2005 4:02:00AM	0.28	0.28	ug/L	U
078133	methyl isobutyl ketone	N	E84282	8260B	3/30/2005 4:02:00AM	3.8	3.8	ug/L	U
082545	Water Level	N	E84282	FIELD	3/22/2005 8:45:00AM	115		ft	
034423	Methylene Chloride	N	E84282	8260B	3/30/2005 4:02:00AM	1	1	ug/L	U
077128	Styrene	N	E84282	8260B	3/30/2005 4:02:00AM	0.98	0.98	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	3/30/2005 4:02:00AM	0.34	0.34	ug/L	U
046361	Methylene bromide	N	E84282	8260B	3/30/2005 4:02:00AM	0.41	0.41	ug/L	U
046369	Ethylene Dibromide	N	E84282	504.1	3/30/2005 12:38:00AM	0.009	0.009	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/30/2005 4:02:00AM	0.63	0.63	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	3/30/2005 4:02:00AM	0.46	0.46	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	3/30/2005 4:02:00AM	0.47	0.47	ug/L	U
034501	1,1-Dichloroethylene	N	E84282	8260B	3/30/2005 4:02:00AM	0.45	0.45	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	3/30/2005 4:02:00AM	0.15	0.15	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	3/30/2005 4:02:00AM	0.44	0.44	ug/L	U
000610	Ammonia	N	E84282	350.1	3/31/2005 4:40:00PM	0.17	0.04	mg/L	
001147	Selenium	N	E84282	200.7 Rev 4.4	3/31/2005 9:28:00AM	4.8	4.8	ug/L	U
032106	Chloroform	N	E84282	8260B	3/30/2005 4:02:00AM	0.9	0.9	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	3/30/2005 4:02:00AM	0.42	0.42	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/30/2005 4:02:00AM	0.14	0.14	ug/L	U
032104	Bromoform	N	E84282	8260B	3/30/2005 4:02:00AM	0.58	0.58	ug/L	U
000299	Oxygen, Dissolved	N	E84282	360.1	3/22/2005 8:45:00AM	1.6		mg/L	
034531	1,2-Dichloroethane	N	E84282	8260B	3/30/2005 4:02:00AM	0.57	0.57	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	3/30/2005 4:02:00AM	0.52	0.52	ug/L	U
000094	Specific Conductance	N	E84282	120.1	3/22/2005 8:45:00AM	101		umhos/cm	
077103	2-Hexanone	N	E84282	8260B	3/30/2005 4:02:00AM	4.4	4.4	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	3/30/2005 4:02:00AM	8.4	8.4	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	3/30/2005 4:02:00AM	1.2	1.2	ug/L	U
034030	Benzene	N	E84282	8260B	3/30/2005 4:02:00AM	0.27	0.27	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	3/30/2005 4:02:00AM	0.58	0.58	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	3/30/2005 4:02:00AM	0.65	0.65	ug/L	U
034413	Bromomethane	N	E84282	8260B	3/30/2005 4:02:00AM	0.66	0.66	ug/L	U
082079	Turbidity	N	E84282	180.1	3/22/2005 8:45:00AM	14.4		NTU	
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/30/2005 4:02:00AM	2.5	2.5	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	3/30/2005 4:02:00AM	0.52	0.52	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	3/30/2005 4:02:00AM	0.52	0.52	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	3/30/2005 4:02:00AM	0.44	0.44	ug/L	U
000940	Chloride	N	E84282	325.2	3/30/2005 5:30:00PM	9.8	0.9	mg/L	
000515	Total Dissolved Solids	N	E84282	160.1	3/28/2005 12:00:00PM	64	5	mg/L	
081551	Xylenes, Total	N	E84282	8260B	3/30/2005 4:02:00AM	0.98	0.98	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	3/30/2005 4:02:00AM	0.5	0.5	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	3/30/2005 4:02:00AM	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.

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Form Produced by FDEP Validator software

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

Sample Date/Time: 3/22/2005 8:45:00AM
Sampling Method: our Composite - (Surface Water)
Permitted
Well Type: CO

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (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
034488	Trichlorofluoromethane	N	E84282	8260B	3/30/2005 4:02:00AM	0.98	0.98	ug/L	U
000403	pH	N	E84282	150.1	3/22/2005 8:45:00AM	4.96		SU	
032101	Bromodichloromethane	N	E84282	8260B	3/30/2005 4:02:00AM	0.35	0.35	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	3/30/2005 4:02:00AM	0.34	0.34	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	3/30/2005 4:02:00AM	0.14	0.14	ug/L	U
001087	Vanadium	N	E84282	200.7 Rev 4.4	3/31/2005 9:28:00AM	2.5	2.5	ug/L	U
034311	Chloroethane	N	E84282	8260B	3/30/2005 4:02:00AM	0.8	0.8	ug/L	U
001059	Thallium	N	E87052	200.8	4/1/2005 10:18:00PM	0.2	0.2	ug/L	U
001037	Cobalt	N	E84282	200.7 Rev 4.4	3/31/2005 9:28:00AM	1.4	1.4	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	3/31/2005 9:28:00AM	1.7	1.7	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	3/31/2005 9:28:00AM	0.71	0.71	ug/L	U
001051	Lead	N	E84282	200.7 Rev 4.4	3/31/2005 9:28:00AM	1.5	1.5	ug/L	U
000929	Sodium	N	E84282	200.7 Rev 4.4	3/31/2005 9:28:00AM	5.8	0.15	mg/L	
034371	Ethylbenzene	N	E84282	8260B	3/30/2005 4:02:00AM	0.83	0.83	ug/L	U
001077	Silver	N	E84282	200.7 Rev 4.4	3/31/2005 9:28:00AM	1.9	1.9	ug/L	U
000620	Nitrogen, Nitrate	N	E84282	353.2	3/24/2005 7:44:00AM	0.64	0.01	mg/L	
077424	Iodomethane	N	E84282	8260B	3/30/2005 4:02:00AM	0.67	0.67	ug/L	U
074010	Iron	N	E84282	200.7 Rev 4.4	3/31/2005 9:28:00AM	0.15	0.037	mg/L	
001067	Nickel	N	E84282	200.7 Rev 4.4	3/31/2005 9:28:00AM	4.7	4.7	ug/L	U
071900	Mercury	N	E84282	245.1	3/29/2005 4:53:00PM	0.072	0.072	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	3/30/2005 4:02:00AM	0.85	0.85	ug/L	U
034010	Toluene	N	E84282	8260B	3/30/2005 4:02:00AM	0.51	0.51	ug/L	U
001012	Beryllium	N	E84282	200.7 Rev 4.4	3/31/2005 9:28:00AM	0.74	0.74	ug/L	U
001097	Antimony	N	E84282	200.7 Rev 4.4	3/31/2005 9:28:00AM	2.9	2.9	ug/L	U
001002	Arsenic	N	E84282	200.7 Rev 4.4	3/31/2005 9:28:00AM	308	3.8	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	3/31/2005 9:28:00AM	5.9	5.9	ug/L	U
000010	Temperature	N	E84282	170.1	3/22/2005 8:45:00AM	21.1		Degrees C	
034699	trans-1,3-Dichloropropene	N	E84282	8260B	3/30/2005 4:02:00AM	0.14	0.14	ug/L	U
081552	Acetone	N	E84282	8260B	3/30/2005 4:02:00AM	9.9	9.9	ug/L	U
001042	Copper	N	E84282	200.7 Rev 4.4	3/31/2005 9:28:00AM	1.3	1.3	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	3/31/2005 9:28:00AM	8.5	1.2	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.

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Form Produced by FDEP Validator software

Facility Name: SEMI-ANNUAL PHASE I/TRAIL RIDGE

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-III(F))

Sample Date/Time: 3/22/2005 9:24:00AM
 Sampling Method: our Composite - (Surface Water)
 Permitted
 Well Type: CO

(AS) Assessment (IW) Irrigation Well
 (BG) Background (OT) Other
 (CO) Compliance (PZ) Piezometer
 (DE) Detection (SO) Source
 (DG) Downgradient (UP) Upgradient
 (IM) Intermediate (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
000010	Temperature	N	E84282	170.1	3/22/2005 9:24:00AM	22.1		Degrees C	
032105	Dibromochloromethane	N	E84282	8260B	3/30/2005 4:51:00AM	0.34	0.34	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	3/30/2005 4:51:00AM	0.44	0.44	ug/L	U
001097	Antimony	N	E84282	200.7 Rev 4.4	3/31/2005 9:39:00AM	2.9	2.9	ug/L	U
077424	Iodomethane	N	E84282	8260B	3/30/2005 4:51:00AM	0.67	0.67	ug/L	U
078133	methyl isobutyl ketone	N	E84282	8260B	3/30/2005 4:51:00AM	3.8	3.8	ug/L	U
046361	Methylene bromide	N	E84282	8260B	3/30/2005 4:51:00AM	0.41	0.41	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	3/30/2005 4:51:00AM	1	1	ug/L	U
077128	Styrene	N	E84282	8260B	3/30/2005 4:51:00AM	0.98	0.98	ug/L	U
034030	Benzene	N	E84282	8260B	3/30/2005 4:51:00AM	0.27	0.27	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	3/30/2005 4:51:00AM	1.2	1.2	ug/L	U
001002	Arsenic	N	E84282	200.7 Rev 4.4	3/31/2005 9:39:00AM	3.8	3.8	ug/L	U
034418	Chloromethane	N	E84282	8260B	3/30/2005 4:51:00AM	0.64	0.64	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	3/30/2005 4:51:00AM	0.42	0.42	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	3/31/2005 9:39:00AM	54	1.2	ug/L	U
001012	Beryllium	N	E84282	200.7 Rev 4.4	3/31/2005 9:39:00AM	0.74	0.74	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	3/30/2005 4:51:00AM	0.34	0.34	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	3/30/2005 4:51:00AM	0.63	0.63	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	3/30/2005 4:51:00AM	8.4	8.4	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	3/31/2005 9:39:00AM	0.71	0.71	ug/L	U
000403	pH	N	E84282	150.1	4/8/2005 9:24:00AM	5.34		SU	
000620	Nitrogen, Nitrate	N	E84282	353.2	3/24/2005 7:44:00AM	0.01	0.01	mg/L	U
077057	Vinyl acetate	N	E84282	8260B	3/30/2005 4:51:00AM	1.5	1.5	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	3/30/2005 4:51:00AM	0.98	0.98	ug/L	U
000515	Total Dissolved Solids	N	E84282	160.1	3/28/2005 12:00:00PM	24	5	mg/L	
077041	Carbon disulfide	N	E84282	8260B	3/30/2005 4:51:00AM	0.85	0.85	ug/L	U
000940	Chloride	N	E84282	325.2	3/30/2005 5:30:00PM	5.8	0.9	mg/L	
000610	Ammonia	N	E84282	350.1	3/31/2005 4:40:00PM	0.04	0.04	mg/L	U
034311	Chloroethane	N	E84282	8260B	3/30/2005 4:51:00AM	0.8	0.8	ug/L	U
032106	Chloroform	N	E84282	8260B	3/30/2005 4:51:00AM	0.9	0.9	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	3/30/2005 4:51:00AM	0.65	0.65	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	3/30/2005 4:51:00AM	0.14	0.14	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/30/2005 4:51:00AM	2.5	2.5	ug/L	U
039180	Trichloroethene	N	E84282	8260B	3/30/2005 4:51:00AM	0.28	0.28	ug/L	U
034413	Bromomethane	N	E84282	8260B	3/30/2005 4:51:00AM	0.66	0.66	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	3/30/2005 4:51:00AM	0.14	0.14	ug/L	U
082079	Turbidity	N	E84282	180.1	3/22/2005 9:24:00AM	1.7		NTU	
039175	Vinyl chloride	N	E84282	8260B	3/30/2005 4:51:00AM	0.5	0.5	ug/L	U
034501	1,1-Dichloroethylene	N	E84282	8260B	3/30/2005 4:51:00AM	0.45	0.45	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	3/30/2005 4:51:00AM	0.15	0.15	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	3/30/2005 4:51:00AM	0.44	0.44	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	3/30/2005 4:51:00AM	0.57	0.57	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	3/30/2005 4:51:00AM	0.52	0.52	ug/L	U
001077	Silver	N	E84282	200.7 Rev 4.4	3/31/2005 9:39:00AM	1.9	1.9	ug/L	U

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

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Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 17185
WACS Testsite Name: MWB71
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-III F)

Sample Date/Time: 3/22/2005 9:24:00AM
Sampling Method: our Composite - (Surface Water)
Permitted
Well Type: CO

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (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
032104	Bromoform	N	E84282	8260B	3/30/2005 4:51:00AM	0.58	0.58	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	3/31/2005 9:39:00AM	1.7	1.7	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	3/30/2005 4:51:00AM	0.52	0.52	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	3/30/2005 4:51:00AM	0.98	0.98	ug/L	U
000929	Sodium	N	E84282	200.7 Rev 4.4	3/31/2005 9:39:00AM	3.2	0.15	mg/L	U
001087	Vanadium	N	E84282	200.7 Rev 4.4	3/31/2005 9:39:00AM	2.5	2.5	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	3/31/2005 9:39:00AM	5.9	5.9	ug/L	U
001059	Thallium	N	E87052	200.8	4/1/2005 10:33:00PM	0.2	0.2	ug/L	U
071900	Mercury	N	E84282	245.1	3/29/2005 4:56:00PM	0.072	0.072	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	3/30/2005 4:51:00AM	0.83	0.83	ug/L	U
077103	2-Hexanone	N	E84282	8260B	3/30/2005 4:51:00AM	4.4	4.4	ug/L	U
000094	Specific Conductance	N	E84282	120.1	3/22/2005 9:24:00AM	43		umhos/cm	U
001037	Cobalt	N	E84282	200.7 Rev 4.4	3/31/2005 9:39:00AM	1.4	1.4	ug/L	U
081552	Acetone	N	E84282	8260B	3/30/2005 4:51:00AM	9.9	9.9	ug/L	U
001147	Selenium	N	E84282	200.7 Rev 4.4	3/31/2005 9:39:00AM	4.8	4.8	ug/L	U
074010	Iron	N	E84282	200.7 Rev 4.4	3/31/2005 9:39:00AM	0.36	0.037	mg/L	U
001051	Lead	N	E84282	200.7 Rev 4.4	3/31/2005 9:39:00AM	1.5	1.5	ug/L	U
034010	Toluene	N	E84282	8260B	3/30/2005 4:51:00AM	0.51	0.51	ug/L	U
001042	Copper	N	E84282	200.7 Rev 4.4	3/31/2005 9:39:00AM	1.3	1.3	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	3/30/2005 4:51:00AM	0.35	0.35	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	3/30/2005 4:51:00AM	0.52	0.52	ug/L	U
082545	Water Level	N	E84282	FIELD	3/22/2005 9:24:00AM	117		ft	U
073085	Bromochloromethane	N	E84282	8260B	3/30/2005 4:51:00AM	0.58	0.58	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	3/31/2005 9:39:00AM	4.7	4.7	ug/L	U
000299	Oxygen, Dissolved	N	E84282	360.1	3/22/2005 9:24:00AM	0.7		mg/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	3/30/2005 4:51:00AM	0.47	0.47	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/30/2005 1:20:00AM	0.0031	0.0031	ug/L	U
046369	Ethylene Dibromide	N	E84282	504.1	3/30/2005 1:20:00AM	0.0089	0.0089	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/30/2005 4:51:00AM	0.63	0.63	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	3/30/2005 4:51:00AM	0.46	0.46	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/30/2005 4:51:00AM	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.

Printed: 4/27/2005

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Form Produced by FDEP Validator software

Facility Name: SEMI-ANNUAL PHASE I/TRAIL RIDGE

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-III(F))

Sample Date/Time: 3/22/2005 9:06:00AM
 Sampling Method: our Composite - (Surface Wa
 Permitted
 Well Type: CO

(AS) Assessment (IW) Irrigation Well
 (BG) Background (OT) Other
 (CO) Compliance (PZ) Piezometer
 (DE) Detection (SO) Source
 (DG) Downgradient (UP) Upgradient
 (IM) Intermediate (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
000299	Oxygen, Dissolved	N	E84282	360.1	3/22/2005 9:06:00AM	0.5		mg/L	
001037	Cobalt	N	E84282	200.7 Rev 4.4	3/31/2005 9:33:00AM	1.4	1.4	ug/L	U
001042	Copper	N	E84282	200.7 Rev 4.4	3/31/2005 9:33:00AM	1.3	1.3	ug/L	U
000403	pH	N	E84282	150.1	4/8/2005 9:06:00AM	7.38		SU	
078133	methyl isobutyl ketone	N	E84282	8260B	3/30/2005 4:27:00AM	3.8	3.8	ug/L	U
046369	Ethylene Dibromide	N	E84282	504.1	3/30/2005 12:59:00AM	0.0092	0.0092	ug/L	U
000010	Temperature	N	E84282	170.1	3/22/2005 9:06:00AM	21.7		Degrees C	
082545	Water Level	N	E84282	FIELD	3/22/2005 9:06:00AM	120		ft	
082079	Turbidity	N	E84282	180.1	3/22/2005 9:06:00AM	0.4		NTU	
034511	1,1,2-Trichloroethane	N	E84282	8260B	3/30/2005 4:27:00AM	0.47	0.47	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	3/31/2005 9:33:00AM	1.7	1.7	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/30/2005 12:59:00AM	0.0032	0.0032	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	3/31/2005 9:33:00AM	0.71	0.71	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	3/30/2005 4:27:00AM	0.46	0.46	ug/L	U
034501	1,1-Dichloroethylene	N	E84282	8260B	3/30/2005 4:27:00AM	0.45	0.45	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	3/30/2005 4:27:00AM	0.52	0.52	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/30/2005 4:27:00AM	0.14	0.14	ug/L	U
001012	Beryllium	N	E84282	200.7 Rev 4.4	3/31/2005 9:33:00AM	0.74	0.74	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	3/30/2005 4:27:00AM	1	1	ug/L	U
000515	Total Dissolved Solids	N	E84282	160.1	3/28/2005 12:00:00PM	170	5	mg/L	
000940	Chloride	N	E84282	325.2	3/30/2005 5:30:00PM	4.7	0.9	mg/L	
000610	Ammonia	N	E84282	350.1	3/31/2005 4:40:00PM	0.11	0.04	mg/L	
000620	Nitrogen, Nitrate	N	E84282	353.2	3/24/2005 7:44:00AM	0.01	0.01	mg/L	U
001002	Arsenic	N	E84282	200.7 Rev 4.4	3/31/2005 9:33:00AM	3.8	3.8	ug/L	U
001097	Antimony	N	E84282	200.7 Rev 4.4	3/31/2005 9:33:00AM	2.9	2.9	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	3/31/2005 9:33:00AM	83	1.2	ug/L	
034413	Bromomethane	N	E84282	8260B	3/30/2005 4:27:00AM	0.66	0.66	ug/L	U
032104	Bromoform	N	E84282	8260B	3/30/2005 4:27:00AM	0.58	0.58	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	3/30/2005 4:27:00AM	0.57	0.57	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	3/30/2005 4:27:00AM	0.52	0.52	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	3/30/2005 4:27:00AM	0.52	0.52	ug/L	U
077103	2-Hexanone	N	E84282	8260B	3/30/2005 4:27:00AM	4.4	4.4	ug/L	U
081552	Acetone	N	E84282	8260B	3/30/2005 4:27:00AM	9.9	9.9	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	3/30/2005 4:27:00AM	1.2	1.2	ug/L	U
034030	Benzene	N	E84282	8260B	3/30/2005 4:27:00AM	0.27	0.27	ug/L	U
074010	Iron	N	E84282	200.7 Rev 4.4	3/31/2005 9:33:00AM	0.29	0.037	mg/L	
001092	Zinc	N	E84282	200.7 Rev 4.4	3/31/2005 9:33:00AM	5.9	5.9	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	3/30/2005 4:27:00AM	0.98	0.98	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/30/2005 4:27:00AM	2.5	2.5	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	3/30/2005 4:27:00AM	0.14	0.14	ug/L	U
039180	Trichloroethene	N	E84282	8260B	3/30/2005 4:27:00AM	0.28	0.28	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	3/30/2005 4:27:00AM	0.58	0.58	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	3/30/2005 4:27:00AM	0.85	0.85	ug/L	U
077128	Styrene	N	E84282	8260B	3/30/2005 4:27:00AM	0.98	0.98	ug/L	U

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

Printed: 4/27/2005

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Form Produced by FDEP Validator software

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

Sample Date/Time: 3/22/2005 9:06:00AM
Sampling Method: our Composite - (Surface Water)
Permitted
Well Type: CO

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (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
034311	Chloroethane	N	E84282	8260B	3/30/2005 4:27:00AM	0.8	0.8	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	3/30/2005 4:27:00AM	0.63	0.63	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	3/30/2005 4:27:00AM	0.42	0.42	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	3/30/2005 4:27:00AM	0.5	0.5	ug/L	U
000094	Specific Conductance	N	E84282	120.1	3/22/2005 9:06:00AM	348		umhos/cm	
032101	Bromodichloromethane	N	E84282	8260B	3/30/2005 4:27:00AM	0.35	0.35	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	3/30/2005 4:27:00AM	0.98	0.98	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	3/30/2005 4:27:00AM	0.44	0.44	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	3/30/2005 4:27:00AM	0.15	0.15	ug/L	U
034010	Toluene	N	E84282	8260B	3/30/2005 4:27:00AM	0.51	0.51	ug/L	U
032106	Chloroform	N	E84282	8260B	3/30/2005 4:27:00AM	0.9	0.9	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/30/2005 4:27:00AM	0.63	0.63	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	3/30/2005 4:27:00AM	0.44	0.44	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	3/30/2005 4:27:00AM	0.34	0.34	ug/L	U
001051	Lead	N	E84282	200.7 Rev 4.4	3/31/2005 9:33:00AM	1.5	1.5	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	3/31/2005 9:33:00AM	4.7	4.7	ug/L	U
001147	Selenium	N	E84282	200.7 Rev 4.4	3/31/2005 9:33:00AM	4.8	4.8	ug/L	U
001077	Silver	N	E84282	200.7 Rev 4.4	3/31/2005 9:33:00AM	1.9	1.9	ug/L	U
077424	Iodomethane	N	E84282	8260B	3/30/2005 4:27:00AM	0.67	0.67	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	3/30/2005 4:27:00AM	0.34	0.34	ug/L	U
071900	Mercury	N	E84282	245.1	3/29/2005 4:55:00PM	0.072	0.072	ug/L	U
000929	Sodium	N	E84282	200.7 Rev 4.4	3/31/2005 9:33:00AM	4.7	0.15	mg/L	
077093	cis-1,2-Dichloroethene	N	E84282	8260B	3/30/2005 4:27:00AM	0.65	0.65	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	3/30/2005 4:27:00AM	0.14	0.14	ug/L	U
034418	Chloromethane	N	E84282	8260B	3/30/2005 4:27:00AM	0.64	0.64	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	3/30/2005 4:27:00AM	8.4	8.4	ug/L	U
046361	Methylene bromide	N	E84282	8260B	3/30/2005 4:27:00AM	0.41	0.41	ug/L	U
001059	Thallium	N	E87052	200.8	4/1/2005 10:26:00PM	0.2	0.2	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	3/30/2005 4:27:00AM	1.5	1.5	ug/L	U
001087	Vanadium	N	E84282	200.7 Rev 4.4	3/31/2005 9:33:00AM	2.5	2.5	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	3/30/2005 4:27:00AM	0.83	0.83	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: SEMI-ANNUAL PHASE I/TRAIL RIDGE

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-III-F)

Sample Date/Time: 3/22/2005 10:08:00AM
Sampling Method: our Composite - (Surface Water)
Permitted
Well Type: CO

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (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
034488	Trichlorofluoromethane	N	E84282	8260B	3/30/2005 6:03:00AM	0.98	0.98	ug/L	U
034413	Bromomethane	N	E84282	8260B	3/30/2005 6:03:00AM	0.66	0.66	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	3/30/2005 6:03:00AM	0.52	0.52	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	3/30/2005 6:03:00AM	0.47	0.47	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	3/30/2005 6:03:00AM	0.52	0.52	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	3/30/2005 6:03:00AM	0.15	0.15	ug/L	U
078133	methyl isobutyl ketone	N	E84282	8260B	3/30/2005 6:03:00AM	3.8	3.8	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	3/30/2005 6:03:00AM	0.57	0.57	ug/L	U
046361	Methylene bromide	N	E84282	8260B	3/30/2005 6:03:00AM	0.41	0.41	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	3/30/2005 6:03:00AM	1	1	ug/L	U
077128	Styrene	N	E84282	8260B	3/30/2005 6:03:00AM	0.98	0.98	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	3/30/2005 6:03:00AM	0.34	0.34	ug/L	U
034010	Toluene	N	E84282	8260B	3/30/2005 6:03:00AM	0.51	0.51	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	3/30/2005 6:03:00AM	0.14	0.14	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	3/30/2005 6:03:00AM	0.52	0.52	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/30/2005 6:03:00AM	2.5	2.5	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	3/30/2005 6:03:00AM	0.34	0.34	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	3/30/2005 6:03:00AM	0.44	0.44	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	3/30/2005 6:03:00AM	0.63	0.63	ug/L	U
000403	pH	N	E84282	150.1	4/8/2005 10:26:00AM	4.17		SU	
081552	Acetone	N	E84282	8260B	3/30/2005 6:03:00AM	9.9	9.9	ug/L	U
034030	Benzene	N	E84282	8260B	3/30/2005 6:03:00AM	0.27	0.27	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	3/30/2005 6:03:00AM	0.35	0.35	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	3/30/2005 6:03:00AM	0.14	0.14	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	3/30/2005 6:03:00AM	0.65	0.65	ug/L	U
034418	Chloromethane	N	E84282	8260B	3/30/2005 6:03:00AM	0.64	0.64	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/30/2005 6:03:00AM	0.14	0.14	ug/L	U
034311	Chloroethane	N	E84282	8260B	3/30/2005 6:03:00AM	0.8	0.8	ug/L	U
077103	2-Hexanone	N	E84282	8260B	3/30/2005 6:03:00AM	4.4	4.4	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	3/30/2005 6:03:00AM	0.42	0.42	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	3/30/2005 6:03:00AM	0.85	0.85	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	3/30/2005 6:03:00AM	0.83	0.83	ug/L	U
032104	Bromoform	N	E84282	8260B	3/30/2005 6:03:00AM	0.58	0.58	ug/L	U
077424	Iodomethane	N	E84282	8260B	3/30/2005 6:03:00AM	0.67	0.67	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	3/30/2005 6:03:00AM	0.58	0.58	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	3/30/2005 6:03:00AM	1.2	1.2	ug/L	U
032106	Chloroform	N	E84282	8260B	3/30/2005 6:03:00AM	0.9	0.9	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/30/2005 6:03:00AM	0.63	0.63	ug/L	U
001097	Antimony	N	E84282	200.7 Rev 4.4	3/31/2005 9:56:00AM	2.9	2.9	ug/L	U
001087	Vanadium	N	E84282	200.7 Rev 4.4	3/31/2005 9:56:00AM	2.5	2.5	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	3/30/2005 6:03:00AM	0.44	0.44	ug/L	U
001059	Thallium	N	E87052	200.8	4/1/2005 10:55:00PM	0.2	0.2	ug/L	U
071900	Mercury	N	E84282	245.1	3/29/2005 5:03:00PM	0.072	0.072	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	3/31/2005 9:56:00AM	4.7	4.7	ug/L	U

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

Printed: 4/27/2005

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Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 17188
WACS Testsite Name: MWB11S
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-III/F)

Sample Date/Time: 3/22/2005 10:08:00AM
Sampling Method: our Composite - (Surface Water)
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
046369	Ethylene Dibromide	N	E84282	504.1	3/30/2005 2:44:00AM	0.0096	0.0096	ug/L	U
000929	Sodium	N	E84282	200.7 Rev 4.4	3/31/2005 9:56:00AM	8.2	0.15	mg/L	
001007	Barium	N	E84282	200.7 Rev 4.4	3/31/2005 9:56:00AM	81	1.2	ug/L	
001147	Selenium	N	E84282	200.7 Rev 4.4	3/31/2005 9:56:00AM	4.8	4.8	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/30/2005 2:44:00AM	0.0033	0.0033	ug/L	U
082545	Water Level	N	E84282	FIELD	3/22/2005 10:26:00AM	108		ft	
000299	Oxygen, Dissolved	N	E84282	360.1	3/22/2005 10:26:00AM	1.3		mg/L	
000010	Temperature	N	E84282	170.1	3/22/2005 10:26:00AM	-20.5		Degrees C	
000094	Specific Conductance	N	E84282	120.1	3/22/2005 10:26:00AM	155		umhos/cm	
082079	Turbidity	N	E84282	180.1	3/22/2005 10:26:00AM	2.3		NTU	
001002	Arsenic	N	E84282	200.7 Rev 4.4	3/31/2005 9:56:00AM	3.8	3.8	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	3/31/2005 9:56:00AM	5.9	5.9	ug/L	U
001077	Silver	N	E84282	200.7 Rev 4.4	3/31/2005 9:56:00AM	1.9	1.9	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	3/30/2005 6:03:00AM	1.5	1.5	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	3/30/2005 6:03:00AM	0.5	0.5	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	3/30/2005 6:03:00AM	0.98	0.98	ug/L	U
000515	Total Dissolved Solids	N	E84282	160.1	3/28/2005 12:00:00PM	66	5	mg/L	
000940	Chloride	N	E84282	325.2	3/30/2005 5:30:00PM	16	0.9	mg/L	
000610	Ammonia	N	E84282	350.1	3/31/2005 4:40:00PM	0.077	0.04	mg/L	
000620	Nitrogen, Nitrate	N	E84282	353.2	3/24/2005 7:44:00AM	0.01	0.01	mg/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	3/30/2005 6:03:00AM	0.46	0.46	ug/L	U
039180	Trichloroethene	N	E84282	8260B	3/30/2005 6:03:00AM	0.28	0.28	ug/L	U
034501	1,1-Dichloroethylene	N	E84282	8260B	3/30/2005 6:03:00AM	0.45	0.45	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	3/31/2005 9:56:00AM	0.71	0.71	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	3/31/2005 9:56:00AM	1.7	1.7	ug/L	U
001037	Cobalt	N	E84282	200.7 Rev 4.4	3/31/2005 9:56:00AM	1.4	1.4	ug/L	U
001042	Copper	N	E84282	200.7 Rev 4.4	3/31/2005 9:56:00AM	1.3	1.3	ug/L	U
074010	Iron	N	E84282	200.7 Rev 4.4	3/31/2005 9:56:00AM	1.3	0.037	mg/L	
001051	Lead	N	E84282	200.7 Rev 4.4	3/31/2005 9:56:00AM	1.5	1.5	ug/L	U
001012	Beryllium	N	E84282	200.7 Rev 4.4	3/31/2005 9:56:00AM	0.74	0.74	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	3/30/2005 6:03:00AM	8.4	8.4	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: SEMI-ANNUAL PHASE I/TRAIL RIDGE

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-411F)

Sample Date/Time: 3/22/2005 10:26:00AM
 Sampling Method: our Composite - (Surface Wa
 Permitted
 Well Type: CO

(AS) Assessment (IW) Irrigation Well
 (BG) Background (OT) Other
 (CO) Compliance (PZ) Piezometer
 (DE) Detection (SO) Source
 (DG) Downgradient (UP) Upgradient
 (IM) Intermediate (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
034010	Toluene	N	E84282	8260B	3/30/2005 6:27:00AM	0.51	0.51	ug/L	U
001049	Lead	Y	E84282	200.7 Rev 4.4	3/31/2005 10:08:00AM	1.5	1.5	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	3/30/2005 6:27:00AM	0.44	0.44	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	3/30/2005 6:27:00AM	0.14	0.14	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/30/2005 6:27:00AM	2.5	2.5	ug/L	U
039180	Trichloroethene	N	E84282	8260B	3/30/2005 6:27:00AM	0.28	0.28	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	3/31/2005 10:02:00AM	24	1.7	ug/L	
077057	Vinyl acetate	N	E84282	8260B	3/30/2005 6:27:00AM	1.5	1.5	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	3/31/2005 10:02:00AM	0.71	0.71	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	3/30/2005 6:27:00AM	0.98	0.98	ug/L	U
000515	Total Dissolved Solids	N	E84282	160.1	3/28/2005 12:00:00PM	34	5	mg/L	
034541	1,2-Dichloropropane	N	E84282	8260B	3/30/2005 6:27:00AM	0.52	0.52	ug/L	U
000610	Ammonia	N	E84282	350.1	3/31/2005 4:40:00PM	0.11	0.04	mg/L	
034423	Methylene Chloride	N	E84282	8260B	3/30/2005 6:27:00AM	1	1	ug/L	U
001097	Antimony	N	E84282	200.7 Rev 4.4	3/31/2005 10:02:00AM	2.9	2.9	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	3/31/2005 10:02:00AM	81	1.2	ug/L	
046361	Methylene bromide	N	E84282	8260B	3/30/2005 6:27:00AM	0.41	0.41	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	3/30/2005 6:27:00AM	0.98	0.98	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	3/30/2005 6:27:00AM	0.47	0.47	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	3/30/2005 6:27:00AM	0.58	0.58	ug/L	U
034030	Benzene	N	E84282	8260B	3/30/2005 6:27:00AM	0.27	0.27	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	3/30/2005 6:27:00AM	1.2	1.2	ug/L	U
081552	Acetone	N	E84282	8260B	3/30/2005 6:27:00AM	9.9	9.9	ug/L	U
077103	2-Hexanone	N	E84282	8260B	3/30/2005 6:27:00AM	4.4	4.4	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	3/30/2005 6:27:00AM	0.52	0.52	ug/L	U
000940	Chloride	N	E84282	325.2	3/30/2005 5:30:00PM	8.9	0.9	mg/L	
077424	Iodomethane	N	E84282	8260B	3/30/2005 6:27:00AM	0.67	0.67	ug/L	U
001095	Antimony	Y	E84282	200.7 Rev 4.4	3/31/2005 10:08:00AM	2.9	2.9	ug/L	U
001037	Cobalt	N	E84282	200.7 Rev 4.4	3/31/2005 10:02:00AM	1.4	1.4	ug/L	U
001042	Copper	N	E84282	200.7 Rev 4.4	3/31/2005 10:02:00AM	1.3	1.3	ug/L	U
074010	Iron	N	E84282	200.7 Rev 4.4	3/31/2005 10:02:00AM	1.5	0.037	mg/L	
001051	Lead	N	E84282	200.7 Rev 4.4	3/31/2005 10:02:00AM	7.5	1.5	ug/L	
078133	methyl isobutyl ketone	N	E84282	8260B	3/30/2005 6:27:00AM	3.8	3.8	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	3/30/2005 6:27:00AM	8.4	8.4	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	3/31/2005 10:02:00AM	4.7	4.7	ug/L	U
001147	Selenium	N	E84282	200.7 Rev 4.4	3/31/2005 10:02:00AM	4.8	4.8	ug/L	U
001010	Beryllium	Y	E84282	200.7 Rev 4.4	3/31/2005 10:08:00AM	0.74	0.74	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	3/30/2005 6:27:00AM	0.34	0.34	ug/L	U
001012	Beryllium	N	E84282	200.7 Rev 4.4	3/31/2005 10:02:00AM	0.74	0.74	ug/L	U
077128	Styrene	N	E84282	8260B	3/30/2005 6:27:00AM	0.98	0.98	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	3/31/2005 10:02:00AM	5.9	5.9	ug/L	U
001087	Vanadium	N	E84282	200.7 Rev 4.4	3/31/2005 10:02:00AM	38	2.5	ug/L	
000929	Sodium	N	E84282	200.7 Rev 4.4	3/31/2005 10:02:00AM	3.2	0.15	mg/L	
001025	Cadmium	Y	E84282	200.7 Rev 4.4	3/31/2005 10:08:00AM	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.

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Form Produced by FDEP Validator software

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

Sample Date/Time: 3/22/2005 10:26:00AM
Sampling Method: our Composite - (Surface Water)
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)	NELAP Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
001030	Chromium	Y	E84282	200.7 Rev 4.4	3/31/2005 10:08:00AM	1.7	1.7	ug/L	U
001035	Cobalt	Y	E84282	200.7 Rev 4.4	3/31/2005 10:08:00AM	1.4	1.4	ug/L	U
001040	Copper	Y	E84282	200.7 Rev 4.4	3/31/2005 10:08:00AM	1.3	1.3	ug/L	U
001046	Iron	Y	E84282	200.7 Rev 4.4	3/31/2005 10:08:00AM	380	37	ug/L	U
001005	Barium	Y	E84282	200.7 Rev 4.4	3/31/2005 10:08:00AM	32	1.2	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	3/30/2005 6:27:00AM	0.5	0.5	ug/L	U
001002	Arsenic	N	E84282	200.7 Rev 4.4	3/31/2005 10:02:00AM	3.8	3.8	ug/L	U
001000	Arsenic	Y	E84282	200.7 Rev 4.4	3/31/2005 10:08:00AM	3.8	3.8	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	3/30/2005 6:27:00AM	0.65	0.65	ug/L	U
001090	Zinc	Y	E84282	200.7 Rev 4.4	3/31/2005 10:08:00AM	5.9	5.9	ug/L	U
001059	Thallium	N	E87052	200.8	4/1/2005 11:02:00PM	0.2	0.2	ug/L	U
001057	Thallium	Y	E87052	200.8	4/2/2005 6:47:00PM	0.25	0.25	ug/L	U
071900	Mercury	N	E84282	245.1	3/29/2005 5:04:00PM	0.087	0.072	ug/L	I
071890	Hg	Y	E84282	245.1	3/29/2005 5:11:00PM	0.072	0.072	ug/L	U
001077	Silver	N	E84282	200.7 Rev 4.4	3/31/2005 10:02:00AM	1.9	1.9	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	3/30/2005 6:27:00AM	0.35	0.35	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	3/30/2005 6:27:00AM	0.83	0.83	ug/L	U
001085	Vanadium	Y	E84282	200.7 Rev 4.4	3/31/2005 10:08:00AM	2.5	2.5	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	3/30/2005 6:27:00AM	0.14	0.14	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	3/30/2005 6:27:00AM	0.63	0.63	ug/L	U
000094	Specific Conductance	N	E84282	120.1	3/22/2005 10:51:00AM	37		umhos/cm	
034418	Chloromethane	N	E84282	8260B	3/30/2005 6:27:00AM	0.64	0.64	ug/L	U
032106	Chloroform	N	E84282	8260B	3/30/2005 6:27:00AM	0.9	0.9	ug/L	U
034311	Chloroethane	N	E84282	8260B	3/30/2005 6:27:00AM	0.8	0.8	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	3/30/2005 6:27:00AM	0.57	0.57	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	3/30/2005 6:27:00AM	0.42	0.42	ug/L	U
000620	Nitrogen, Nitrate	N	E84282	353.2	3/24/2005 7:44:00AM	0.01	0.01	mg/L	U
000403	pH	N	E84282	150.1	3/22/2005 10:51:00AM	5.11		SU	
001065	Nickel	Y	E84282	200.7 Rev 4.4	3/31/2005 10:08:00AM	4.7	4.7	ug/L	U
032104	Bromoform	N	E84282	8260B	3/30/2005 6:27:00AM	0.58	0.58	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	3/30/2005 6:27:00AM	0.85	0.85	ug/L	U
000930	Sodium	Y	E84282	200.7 Rev 4.4	3/31/2005 10:08:00AM	3.1	0.15	mg/L	
077443	1,2,3-Trichloropropane	N	E84282	8260B	3/30/2005 6:27:00AM	0.15	0.15	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	3/30/2005 6:27:00AM	0.52	0.52	ug/L	U
034413	Bromomethane	N	E84282	8260B	3/30/2005 6:27:00AM	0.66	0.66	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/30/2005 6:27:00AM	0.14	0.14	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	3/30/2005 6:27:00AM	0.46	0.46	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/30/2005 6:27:00AM	0.63	0.63	ug/L	U
046369	Ethylene Dibromide	N	E84282	504.1	3/30/2005 3:48:00AM	0.009	0.009	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/30/2005 3:48:00AM	0.0031	0.0031	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	3/30/2005 6:27:00AM	0.34	0.34	ug/L	U
000299	Oxygen, Dissolved	N	E84282	360.1	3/22/2005 10:51:00AM	1.1		mg/L	
034536	1,2-Dichlorobenzene	N	E84282	8260B	3/30/2005 6:27:00AM	0.44	0.44	ug/L	U
082079	Turbidity	N	E84282	180.1	3/22/2005 10:51:00AM	1.1		NTU	
000010	Temperature	N	E84282	170.1	3/22/2005 10:51:00AM	23.5		Degrees C	
034501	1,1-Dichloroethylene	N	E84282	8260B	3/30/2005 6:27:00AM	0.45	0.45	ug/L	U
001075	Silver	Y	E84282	200.7 Rev 4.4	3/31/2005 10:08:00AM	1.9	1.9	ug/L	U
082545	Water Level	N	E84282	FIELD	3/22/2005 10:51:00AM	108		ft	
001145	Selenium	Y	E84282	200.7 Rev 4.4	3/31/2005 10:08:00AM	4.8	4.8	ug/L	U

Total Parameters Monitored: 93

* 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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Form Produced by FDEP Validator software

Facility Name: SEMI-ANNUAL PHASE I/TRAIL RIDGE

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-III F)

Sample Date/Time: 3/22/2005 12:18:00PM
Sampling Method: our Composite - (Surface Wa
Permitted
Well Type: CO

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (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
034571	1,4-Dichlorobenzene	N	E84282	8260B	3/30/2005 8:02:00AM	0.52	0.52	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/30/2005 8:02:00AM	0.63	0.63	ug/L	U
046369	Ethylene Dibromide	N	E84282	504.1	3/30/2005 4:09:00AM	0.0095	0.0095	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/30/2005 4:09:00AM	0.0033	0.0033	ug/L	U
000299	Oxygen, Dissolved	N	E84282	360.1	3/22/2005 12:53:00PM	2.6		mg/L	
034501	1,1-Dichloroethylene	N	E84282	8260B	3/30/2005 8:02:00AM	0.45	0.45	ug/L	U
082079	Turbidity	N	E84282	180.1	3/22/2005 12:53:00PM	16.1		NTU	
000010	Temperature	N	E84282	170.1	3/22/2005 12:53:00PM	19.8		Degrees C	
082545	Water Level	N	E84282	FIELD	3/22/2005 12:53:00PM	114		ft	
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/30/2005 8:02:00AM	0.14	0.14	ug/L	U
034475	Tetrachloroethane	N	E84282	8260B	3/30/2005 8:02:00AM	0.34	0.34	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	3/30/2005 8:02:00AM	0.52	0.52	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	3/30/2005 8:02:00AM	0.15	0.15	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	3/30/2005 8:02:00AM	0.44	0.44	ug/L	U
000403	pH	N	E84282	150.1	3/22/2005 12:53:00PM	5.32		SU	
077041	Carbon disulfide	N	E84282	8260B	3/30/2005 8:02:00AM	0.85	0.85	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	3/30/2005 8:02:00AM	8.4	8.4	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	3/30/2005 8:02:00AM	0.52	0.52	ug/L	U
077103	2-Hexanone	N	E84282	8260B	3/30/2005 8:02:00AM	4.4	4.4	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	3/30/2005 8:02:00AM	0.42	0.42	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	3/30/2005 8:02:00AM	0.46	0.46	ug/L	U
001087	Vanadium	N	E84282	200.7 Rev 4.4	3/31/2005 10:25:00AM	2.5	2.5	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	3/30/2005 8:02:00AM	0.14	0.14	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	3/30/2005 8:02:00AM	1.2	1.2	ug/L	U
034030	Benzene	N	E84282	8260B	3/30/2005 8:02:00AM	0.27	0.27	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	3/30/2005 8:02:00AM	0.58	0.58	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	3/30/2005 8:02:00AM	0.35	0.35	ug/L	U
034311	Chloroethane	N	E84282	8260B	3/30/2005 8:02:00AM	0.8	0.8	ug/L	U
034413	Bromomethane	N	E84282	8260B	3/30/2005 8:02:00AM	0.66	0.66	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	3/30/2005 8:02:00AM	0.47	0.47	ug/L	U
081552	Acetone	N	E84282	8260B	3/30/2005 8:02:00AM	9.9	9.9	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	3/30/2005 8:02:00AM	0.65	0.65	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	3/30/2005 8:02:00AM	0.57	0.57	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	3/30/2005 8:02:00AM	0.34	0.34	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	3/30/2005 8:02:00AM	0.83	0.83	ug/L	U
077424	Iodomethane	N	E84282	8260B	3/30/2005 8:02:00AM	0.67	0.67	ug/L	U
034418	Chloromethane	N	E84282	8260B	3/30/2005 8:02:00AM	0.64	0.64	ug/L	U
032104	Bromoform	N	E84282	8260B	3/30/2005 8:02:00AM	0.58	0.58	ug/L	U
001042	Copper	N	E84282	200.7 Rev 4.4	3/31/2005 10:25:00AM	1.3	1.3	ug/L	U
046361	Methylene bromide	N	E84282	8260B	3/30/2005 8:02:00AM	0.41	0.41	ug/L	U
077128	Styrene	N	E84282	8260B	3/30/2005 8:02:00AM	0.98	0.98	ug/L	U
000610	Ammonia	N	E84282	350.1	3/31/2005 4:40:00PM	0.37	0.04	mg/L	
000620	Nitrogen, Nitrate	N	E84282	353.2	3/24/2005 7:44:00AM	0.01	0.01	mg/L	U
001097	Antimony	N	E84282	200.7 Rev 4.4	3/31/2005 10:25:00AM	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.

Printed: 4/27/2005

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Form Produced by FDEP Validator software

WACS Facility ID #: 33628
 WACS Testsite ID #: 17191
 WACS Testsite Name: MWB12S
 Water Classification: G-II
 (i.e.: LC - Leachate, G-II, SW-IIIIF)

Sample Date/Time: 3/22/2005 12:18:00PM
 Sampling Method: our Composite - (Surface Water)
 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
001007	Barium	N	E84282	200.7 Rev 4.4	3/31/2005 10:25:00AM	22	1.2	ug/L	
001027	Cadmium	N	E84282	200.7 Rev 4.4	3/31/2005 10:25:00AM	0.71	0.71	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	3/31/2005 10:25:00AM	1.7	1.7	ug/L	U
001037	Cobalt	N	E84282	200.7 Rev 4.4	3/31/2005 10:25:00AM	1.4	1.4	ug/L	U
001012	Beryllium	N	E84282	200.7 Rev 4.4	3/31/2005 10:25:00AM	0.74	0.74	ug/L	U
074010	Iron	N	E84282	200.7 Rev 4.4	3/31/2005 10:25:00AM	0.64	0.037	mg/L	
034301	Chlorobenzene	N	E84282	8260B	3/30/2005 8:02:00AM	0.63	0.63	ug/L	U
000094	Specific Conductance	N	E84282	120.1	3/22/2005 12:53:00PM	109		umhos/cm	
071900	Mercury	N	E84282	245.1	3/29/2005 5:18:00PM	0.072	0.072	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	3/30/2005 8:02:00AM	0.5	0.5	ug/L	U
032106	Chloroform	N	E84282	8260B	3/30/2005 8:02:00AM	0.9	0.9	ug/L	U
001002	Arsenic	N	E84282	200.7 Rev 4.4	3/31/2005 10:25:00AM	3.8	3.8	ug/L	U
078133	methyl isobutyl ketone	N	E84282	8260B	3/30/2005 8:02:00AM	3.8	3.8	ug/L	U
001077	Silver	N	E84282	200.7 Rev 4.4	3/31/2005 10:25:00AM	1.9	1.9	ug/L	U
000515	Total Dissolved Solids	N	E84282	160.1	3/28/2005 12:00:00PM	54	5	mg/L	
000929	Sodium	N	E84282	200.7 Rev 4.4	3/31/2005 10:25:00AM	3.1	0.15	mg/L	
001147	Selenium	N	E84282	200.7 Rev 4.4	3/31/2005 10:25:00AM	4.8	4.8	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	3/31/2005 10:25:00AM	4.7	4.7	ug/L	U
001051	Lead	N	E84282	200.7 Rev 4.4	3/31/2005 10:25:00AM	1.5	1.5	ug/L	U
000940	Chloride	N	E84282	325.2	3/30/2005 5:30:00PM	5.8	0.9	mg/L	
001092	Zinc	N	E84282	200.7 Rev 4.4	3/31/2005 10:25:00AM	99	5.9	ug/L	
081551	Xylenes, Total	N	E84282	8260B	3/30/2005 8:02:00AM	0.98	0.98	ug/L	U
001059	Thallium	N	E87052	200.8	4/2/2005 12:00:00AM	0.2	0.2	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	3/30/2005 8:02:00AM	0.44	0.44	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	3/30/2005 8:02:00AM	0.98	0.98	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	3/30/2005 8:02:00AM	1	1	ug/L	U
039180	Trichloroethene	N	E84282	8260B	3/30/2005 8:02:00AM	0.28	0.28	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/30/2005 8:02:00AM	2.5	2.5	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	3/30/2005 8:02:00AM	0.14	0.14	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	3/30/2005 8:02:00AM	1.5	1.5	ug/L	U
034010	Toluene	N	E84282	8260B	3/30/2005 8:02:00AM	0.51	0.51	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: SEMI-ANNUAL PHASE I/TRAIL RIDGE

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-I, SW-III(F))

Sample Date/Time: 3/22/2005 11:41:00AM
 Sampling Method: our Composite - (Surface Water)
 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
001027	Cadmium	N	E84282	200.7 Rev 4.4	3/31/2005 10:36:00AM	0.71	0.71	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	3/30/2005 7:14:00AM	0.47	0.47	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/30/2005 7:14:00AM	0.63	0.63	ug/L	U
000094	Specific Conductance	N	E84282	120.1	3/22/2005 11:59:00AM	41		umhos/cm	
000403	pH	N	E84282	150.1	3/22/2005 11:59:00AM	5.19		SU	
000010	Temperature	N	E84282	170.1	3/22/2005 11:59:00AM	22.5		Degrees C	
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/30/2005 7:14:00AM	0.14	0.14	ug/L	U
082079	Turbidity	N	E84282	180.1	3/22/2005 11:59:00AM	11.3		NTU	
034531	1,2-Dichloroethane	N	E84282	8260B	3/30/2005 7:14:00AM	0.57	0.57	ug/L	U
082545	Water Level	N	E84282	FIELD	3/22/2005 11:59:00AM	116		ft	
046369	Ethylene Dibromide	N	E84282	504.1	3/30/2005 4:30:00AM	0.0091	0.0091	ug/L	U
034030	Benzene	N	E84282	8260B	3/30/2005 7:14:00AM	0.27	0.27	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	3/30/2005 7:14:00AM	0.44	0.44	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	3/30/2005 7:14:00AM	0.46	0.46	ug/L	U
000299	Oxygen, Dissolved	N	E84282	360.1	3/22/2005 11:59:00AM	1		mg/L	
034215	Acrylonitrile	N	E84282	8260B	3/30/2005 7:14:00AM	1.2	1.2	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	3/30/2005 7:14:00AM	0.52	0.52	ug/L	U
032106	Chloroform	N	E84282	8260B	3/30/2005 7:14:00AM	0.9	0.9	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	3/30/2005 7:14:00AM	0.65	0.65	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	3/30/2005 7:14:00AM	0.52	0.52	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	3/30/2005 7:14:00AM	0.52	0.52	ug/L	U
000929	Sodium	N	E84282	200.7 Rev 4.4	3/31/2005 10:36:00AM	3	0.15	mg/L	
081552	Acetone	N	E84282	8260B	3/30/2005 7:14:00AM	9.9	9.9	ug/L	U
034311	Chloroethane	N	E84282	8260B	3/30/2005 7:14:00AM	0.8	0.8	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	3/30/2005 7:14:00AM	0.58	0.58	ug/L	U
032104	Bromoform	N	E84282	8260B	3/30/2005 7:14:00AM	0.58	0.58	ug/L	U
034413	Bromomethane	N	E84282	8260B	3/30/2005 7:14:00AM	0.66	0.66	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	3/30/2005 7:14:00AM	0.85	0.85	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	3/30/2005 7:14:00AM	0.42	0.42	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	3/30/2005 7:14:00AM	0.63	0.63	ug/L	U
077103	2-Hexanone	N	E84282	8260B	3/30/2005 7:14:00AM	4.4	4.4	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	3/30/2005 7:14:00AM	0.15	0.15	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	3/30/2005 7:14:00AM	0.35	0.35	ug/L	U
000940	Chloride	N	E84282	325.2	3/30/2005 5:30:00PM	5.7	0.9	mg/L	
077128	Styrene	N	E84282	8260B	3/30/2005 7:14:00AM	0.98	0.98	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	3/30/2005 7:14:00AM	0.34	0.34	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	3/30/2005 7:14:00AM	1	1	ug/L	U
034010	Toluene	N	E84282	8260B	3/30/2005 7:14:00AM	0.51	0.51	ug/L	U
046361	Methylene bromide	N	E84282	8260B	3/30/2005 7:14:00AM	0.41	0.41	ug/L	U
078133	methyl isobutyl ketone	N	E84282	8260B	3/30/2005 7:14:00AM	3.8	3.8	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	3/30/2005 7:14:00AM	8.4	8.4	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	3/30/2005 7:14:00AM	0.83	0.83	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	3/30/2005 7:14:00AM	0.34	0.34	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	3/30/2005 7:14:00AM	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.

Printed: 4/27/2005

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Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 17190
WACS Testsite Name: MWB12I
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-III F)

Sample Date/Time: 3/22/2005 11:41:00AM
Sampling Method: our Composite - (Surface Water)
Permitted
Well Type: CO

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (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
077424	Iodomethane	N	E84282	8260B	3/30/2005 7:14:00AM	0.67	0.67	ug/L	U
000610	Ammonia	N	E84282	350.1	3/31/2005 4:40:00PM	0.04	0.04	mg/L	U
000515	Total Dissolved Solids	N	E84282	160.1	3/28/2005 12:00:00PM	16	5	mg/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/30/2005 4:30:00AM	0.0032	0.0032	ug/L	U
001097	Antimony	N	E84282	200.7 Rev 4.4	3/31/2005 10:36:00AM	2.9	2.9	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/30/2005 7:14:00AM	2.5	2.5	ug/L	U
039180	Trichloroethene	N	E84282	8260B	3/30/2005 7:14:00AM	0.28	0.28	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	3/30/2005 7:14:00AM	0.98	0.98	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	3/31/2005 10:36:00AM	53	1.2	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	3/30/2005 7:14:00AM	0.5	0.5	ug/L	U
001012	Beryllium	N	E84282	200.7 Rev 4.4	3/31/2005 10:36:00AM	0.74	0.74	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	3/30/2005 7:14:00AM	0.14	0.14	ug/L	U
000620	Nitrogen, Nitrate	N	E84282	353.2	3/24/2005 7:44:00AM	0.01	0.01	mg/L	U
081551	Xylenes, Total	N	E84282	8260B	3/30/2005 7:14:00AM	0.98	0.98	ug/L	U
001002	Arsenic	N	E84282	200.7 Rev 4.4	3/31/2005 10:36:00AM	3.8	3.8	ug/L	U
034418	Chloromethane	N	E84282	8260B	3/30/2005 7:14:00AM	0.64	0.64	ug/L	U
034501	1,1-Dichloroethylene	N	E84282	8260B	3/30/2005 7:14:00AM	0.45	0.45	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	3/30/2005 7:14:00AM	1.5	1.5	ug/L	U
001042	Copper	N	E84282	200.7 Rev 4.4	3/31/2005 10:36:00AM	1.3	1.3	ug/L	U
001147	Selenium	N	E84282	200.7 Rev 4.4	3/31/2005 10:36:00AM	4.8	4.8	ug/L	U
001037	Cobalt	N	E84282	200.7 Rev 4.4	3/31/2005 10:36:00AM	1.4	1.4	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	3/30/2005 7:14:00AM	0.44	0.44	ug/L	U
074010	Iron	N	E84282	200.7 Rev 4.4	3/31/2005 10:36:00AM	0.43	0.037	mg/L	U
001051	Lead	N	E84282	200.7 Rev 4.4	3/31/2005 10:36:00AM	1.5	1.5	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	3/31/2005 10:36:00AM	4.7	4.7	ug/L	U
001087	Vanadium	N	E84282	200.7 Rev 4.4	3/31/2005 10:36:00AM	2.5	2.5	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	3/31/2005 10:36:00AM	5.9	5.9	ug/L	U
001059	Thallium	N	E87052	200.8	4/1/2005 11:45:00PM	0.2	0.2	ug/L	U
071900	Mercury	N	E84282	245.1	3/29/2005 5:14:00PM	0.072	0.072	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	3/31/2005 10:36:00AM	1.7	1.7	ug/L	U
001077	Silver	N	E84282	200.7 Rev 4.4	3/31/2005 10:36:00AM	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.

Printed: 4/27/2005

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Form Produced by FDEP Validator software

Facility Name: SEMI-ANNUAL PHASE I/TRAIL RIDGE

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: 3/22/2005 11:59:00AM
 Sampling Method: our Composite - (Surface Water)
 Permitted
 Well Type: CO

(AS) Assessment (IW) Irrigation Well
 (BG) Background (OT) Other
 (CO) Compliance (PZ) Piezometer
 (DE) Detection (SO) Source
 (DG) Downgradient (UP) Upgradient
 (IM) Intermediate (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
034423	Methylene Chloride	N	E84282	8260B	3/30/2005 7:38:00AM	1	1	ug/L	U
046361	Methylene bromide	N	E84282	8260B	3/30/2005 7:38:00AM	0.41	0.41	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	3/30/2005 7:38:00AM	0.98	0.98	ug/L	U
039180	Trichloroethene	N	E84282	8260B	3/30/2005 7:38:00AM	0.28	0.28	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/30/2005 7:38:00AM	2.5	2.5	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	3/30/2005 7:38:00AM	0.14	0.14	ug/L	U
034010	Toluene	N	E84282	8260B	3/30/2005 7:38:00AM	0.51	0.51	ug/L	U
034311	Chloroethane	N	E84282	8260B	3/30/2005 7:38:00AM	0.8	0.8	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	3/30/2005 7:38:00AM	0.44	0.44	ug/L	U
078133	methyl isobutyl ketone	N	E84282	8260B	3/30/2005 7:38:00AM	3.8	3.8	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	3/30/2005 7:38:00AM	8.4	8.4	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	3/30/2005 7:38:00AM	0.58	0.58	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	3/30/2005 7:38:00AM	0.83	0.83	ug/L	U
081552	Acetone	N	E84282	8260B	3/30/2005 7:38:00AM	9.9	9.9	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	3/30/2005 7:38:00AM	0.34	0.34	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	3/30/2005 7:38:00AM	0.14	0.14	ug/L	U
077424	Iodomethane	N	E84282	8260B	3/30/2005 7:38:00AM	0.67	0.67	ug/L	U
034030	Benzene	N	E84282	8260B	3/30/2005 7:38:00AM	0.27	0.27	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	3/30/2005 7:38:00AM	1.2	1.2	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	3/30/2005 7:38:00AM	0.47	0.47	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	3/30/2005 7:38:00AM	0.63	0.63	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	3/30/2005 7:38:00AM	0.42	0.42	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	3/30/2005 7:38:00AM	0.85	0.85	ug/L	U
034413	Bromomethane	N	E84282	8260B	3/30/2005 7:38:00AM	0.66	0.66	ug/L	U
032104	Bromoform	N	E84282	8260B	3/30/2005 7:38:00AM	0.58	0.58	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	3/30/2005 7:38:00AM	0.52	0.52	ug/L	U
032106	Chloroform	N	E84282	8260B	3/30/2005 7:38:00AM	0.9	0.9	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	3/30/2005 7:38:00AM	0.52	0.52	ug/L	U
034418	Chloromethane	N	E84282	8260B	3/30/2005 7:38:00AM	0.64	0.64	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	3/30/2005 7:38:00AM	0.34	0.34	ug/L	U
077103	2-Hexanone	N	E84282	8260B	3/30/2005 7:38:00AM	4.4	4.4	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	3/30/2005 7:38:00AM	0.65	0.65	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	3/30/2005 7:38:00AM	0.57	0.57	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	3/30/2005 7:38:00AM	0.15	0.15	ug/L	U
034501	1,1-Dichloroethylene	N	E84282	8260B	3/30/2005 7:38:00AM	0.45	0.45	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	3/30/2005 7:38:00AM	0.35	0.35	ug/L	U
000010	Temperature	N	E84282	170.1	3/22/2005 12:18:00PM	22		Degrees C	
001012	Beryllium	N	E84282	200.7 Rev 4.4	3/31/2005 10:31:00AM	0.74	0.74	ug/L	U
000299	Oxygen, Dissolved	N	E84282	360.1	3/22/2005 12:18:00PM	0.8		mg/L	
034506	1,1,1-Trichloroethane	N	E84282	8260B	3/30/2005 7:38:00AM	0.46	0.46	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/30/2005 7:38:00AM	0.63	0.63	ug/L	U
001037	Cobalt	N	E84282	200.7 Rev 4.4	3/31/2005 10:31:00AM	1.4	1.4	ug/L	U
000929	Sodium	N	E84282	200.7 Rev 4.4	3/31/2005 10:31:00AM	5.9	0.15	mg/L	
082545	Water Level	N	E84282	FIELD	3/22/2005 12:18:00PM	119		ft	

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

Printed: 4/27/2005

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Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 17189
WACS Testsite Name: MWB12D
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-III)

Sample Date/Time: 3/22/2005 11:59:00AM
Sampling Method: our Composite - (Surface Water)
Permitted
Well Type: CO

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (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
039175	Vinyl chloride	N	E84282	8260B	3/30/2005 7:38:00AM	0.5	0.5	ug/L	U
082079	Turbidity	N	E84282	180.1	3/22/2005 12:18:00PM	0.2		NTU	
001092	Zinc	N	E84282	200.7 Rev 4.4	3/31/2005 10:31:00AM	5.9	5.9	ug/L	U
000403	pH	N	E84282	150.1	3/22/2005 12:18:00PM	7.14		SU	
000094	Specific Conductance	N	E84282	120.1	3/22/2005 12:18:00PM	388		umhos/cm	
077057	Vinyl acetate	N	E84282	8260B	3/30/2005 7:38:00AM	1.5	1.5	ug/L	U
071900	Mercury	N	E84282	245.1	3/29/2005 5:16:00PM	0.072	0.072	ug/L	U
001059	Thallium	N	E87052	200.8	4/1/2005 11:53:00PM	0.2	0.2	ug/L	U
077128	Styrene	N	E84282	8260B	3/30/2005 7:38:00AM	0.98	0.98	ug/L	U
001087	Vanadium	N	E84282	200.7 Rev 4.4	3/31/2005 10:31:00AM	2.5	2.5	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	3/30/2005 7:38:00AM	0.44	0.44	ug/L	U
046369	Ethylene Dibromide	N	E84282	504.1	3/30/2005 4:51:00AM	0.0092	0.0092	ug/L	U
001147	Selenium	N	E84282	200.7 Rev 4.4	3/31/2005 10:31:00AM	4.8	4.8	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/30/2005 4:51:00AM	0.0032	0.0032	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	3/30/2005 7:38:00AM	0.98	0.98	ug/L	U
001002	Arsenic	N	E84282	200.7 Rev 4.4	3/31/2005 10:31:00AM	3.8	3.8	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	3/31/2005 10:31:00AM	4.7	4.7	ug/L	U
001051	Lead	N	E84282	200.7 Rev 4.4	3/31/2005 10:31:00AM	1.5	1.5	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/30/2005 7:38:00AM	0.14	0.14	ug/L	U
001042	Copper	N	E84282	200.7 Rev 4.4	3/31/2005 10:31:00AM	1.3	1.3	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	3/30/2005 7:38:00AM	0.52	0.52	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	3/31/2005 10:31:00AM	1.7	1.7	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	3/31/2005 10:31:00AM	0.71	0.71	ug/L	U
000610	Ammonia	N	E84282	350.1	3/31/2005 4:40:00PM	0.14	0.04	mg/L	
001007	Barium	N	E84282	200.7 Rev 4.4	3/31/2005 10:31:00AM	120	1.2	ug/L	
074010	Iron	N	E84282	200.7 Rev 4.4	3/31/2005 10:31:00AM	0.69	0.037	mg/L	
001097	Antimony	N	E84282	200.7 Rev 4.4	3/31/2005 10:31:00AM	2.9	2.9	ug/L	U
000515	Total Dissolved Solids	N	E84282	160.1	3/28/2005 12:00:00PM	170	5	mg/L	
000620	Nitrogen, Nitrate	N	E84282	353.2	3/24/2005 7:44:00AM	0.01	0.01	mg/L	U
001077	Silver	N	E84282	200.7 Rev 4.4	3/31/2005 10:31:00AM	1.9	1.9	ug/L	U
000940	Chloride	N	E84282	325.2	3/30/2005 5:30:00PM	4.8	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: Semi-annual Phase III/IV Trail Ridge

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-III/F)

Sample Date/Time: 3/24/2005 9:05:00AM
Sampling Method: our Composite - (Surface Wa
Permitted
Well Type: CO

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (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
001075	Silver	Y	E84282	200.7 Rev 4.4	4/4/2005 2:51:00PM	1.9	1.9	ug/L	U
001005	Barium	Y	E84282	200.7 Rev 4.4	4/4/2005 2:51:00PM	12	1.2	ug/L	
071890	Mercury	Y	E84282	245.1	3/31/2005 5:33:00PM	0.072	0.072	ug/L	U
001057	Thallium	Y	E87052	200.8	4/9/2005 12:53:00AM	0.25	0.25	ug/L	U
000094	Specific Conductance	N	E84282	120.1	3/24/2005 9:05:00AM	122		umhos/cm	
001059	Thallium	N	E87052	200.8	4/9/2005 2:42:00AM	0.2	0.2	ug/L	U
001090	Zinc	Y	E84282	200.7 Rev 4.4	4/4/2005 2:51:00PM	5.9	5.9	ug/L	U
001065	Vanadium	Y	E84282	200.7 Rev 4.4	4/4/2005 2:51:00PM	30	2.5	ug/L	
000930	Sodium	Y	E84282	200.7 Rev 4.4	4/4/2005 2:51:00PM	5.7	0.15	mg/L	
071900	Mercury	N	E84282	245.1	3/31/2005 5:31:00PM	0.072	0.072	ug/L	U
000929	Sodium	N	E84282	200.7 Rev 4.4	4/4/2005 2:24:00PM	3	0.15	mg/L	
001065	Nickel	Y	E84282	200.7 Rev 4.4	4/4/2005 2:51:00PM	4.7	4.7	ug/L	U
001042	Copper	N	E84282	200.7 Rev 4.4	4/4/2005 2:24:00PM	1.3	1.3	ug/L	U
001046	Iron	Y	E84282	200.7 Rev 4.4	4/4/2005 2:51:00PM	0.68	37	ug/L	
001040	Copper	Y	E84282	200.7 Rev 4.4	4/4/2005 2:51:00PM	14	1.3	ug/L	I
001035	Cobalt	Y	E84282	200.7 Rev 4.4	4/4/2005 2:51:00PM	1.4	1.4	ug/L	U
001030	Chromium	Y	E84282	200.7 Rev 4.4	4/4/2005 2:51:00PM	4.7	1.7	ug/L	I
001010	Beryllium	Y	E84282	200.7 Rev 4.4	4/4/2005 2:51:00PM	0.74	0.74	ug/L	U
001000	Arsenic	Y	E84282	200.7 Rev 4.4	4/4/2005 2:51:00PM	3.8	3.8	ug/L	U
001049	Lead	Y	E84282	200.7 Rev 4.4	4/4/2005 2:51:00PM	1.5	1.5	ug/L	U
074010	Iron	N	E84282	200.7 Rev 4.4	4/4/2005 2:24:00PM	0.41	0.037	mg/L	
001025	Cadmium	Y	E84282	200.7 Rev 4.4	4/4/2005 2:51:00PM	0.71	0.71	ug/L	U
001097	Antimony	N	E84282	200.7 Rev 4.4	4/4/2005 2:24:00PM	2.9	2.9	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	4/5/2005 4:48:00AM	0.14	0.14	ug/L	U
001077	Silver	N	E84282	200.7 Rev 4.4	4/4/2005 2:24:00PM	1.9	1.9	ug/L	U
001147	Selenium	N	E84282	200.7 Rev 4.4	4/4/2005 2:24:00PM	4.8	4.8	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	4/4/2005 2:24:00PM	4.7	4.7	ug/L	U
000299	Oxygen, Dissolved	N	E84282	360.1	3/24/2005 9:05:00AM	122		mg/L	
001037	Cobalt	N	E84282	200.7 Rev 4.4	4/4/2005 2:24:00PM	1.4	1.4	ug/L	U
001095	Antimony	Y	E84282	200.7 Rev 4.4	4/4/2005 2:51:00PM	2.9	2.9	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	4/4/2005 2:24:00PM	0.71	0.71	ug/L	U
001012	Beryllium	N	E84282	200.7 Rev 4.4	4/4/2005 2:24:00PM	0.74	0.74	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	4/4/2005 2:24:00PM	1.7	1.7	ug/L	U
001087	Vanadium	N	E84282	200.7 Rev 4.4	4/4/2005 2:24:00PM	2.5	2.5	ug/L	U
001002	Arsenic	N	E84282	200.7 Rev 4.4	4/4/2005 2:24:00PM	3.8	3.8	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	4/4/2005 2:24:00PM	5.9	5.9	ug/L	U
000610	Ammonia	N	E84282	350.1	4/1/2005 7:00:00PM	0.38	0.04	mg/L	
000940	Chloride	N	E84282	325.2	4/20/2005 10:00:00PM	11	0.9	mg/L	
000515	Total Dissolved Solids	N	E84282	160.1	3/31/2005 1:30:00PM	5	5	mg/L	U
081551	Xylenes, Total	N	E84282	8260B	4/5/2005 4:48:00AM	0.98	0.98	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	4/5/2005 4:48:00AM	0.5	0.5	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	4/5/2005 4:48:00AM	1.5	1.5	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	4/5/2005 4:48:00AM	0.98	0.98	ug/L	U
039180	Trichloroethene	N	E84282	8260B	4/5/2005 4:48:00AM	0.28	0.28	ug/L	U

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

Printed: 4/27/2005

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Form Produced by FDEP Validator software

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

Sample Date/Time: 3/24/2005 9:05:00AM
Sampling Method: our Composite - (Surface Water)
Permitted
Well Type: CO

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (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
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	4/5/2005 4:48:00AM	2.5	2.5	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	4/4/2005 2:24:00PM	48	1.2	ug/L	
034418	Chloromethane	N	E84282	8260B	4/5/2005 4:48:00AM	0.64	0.64	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	4/5/2005 4:48:00AM	0.35	0.35	ug/L	U
034010	Toluene	N	E84282	8260B	4/5/2005 4:48:00AM	0.51	0.51	ug/L	U
077128	Styrene	N	E84282	8260B	4/5/2005 4:48:00AM	0.98	0.98	ug/L	U
046361	Methylene bromide	N	E84282	8260B	4/5/2005 4:48:00AM	0.41	0.41	ug/L	U
078133	methyl isobutyl ketone	N	E84282	8260B	4/5/2005 4:48:00AM	3.8	3.8	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	4/5/2005 4:48:00AM	8.4	8.4	ug/L	U
077424	Iodomethane	N	E84282	8260B	4/5/2005 4:48:00AM	0.67	0.67	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	4/5/2005 4:48:00AM	0.83	0.83	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	4/5/2005 4:48:00AM	0.34	0.34	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	4/1/2005 11:15:00PM	0.0032	0.0032	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	4/5/2005 4:48:00AM	0.85	0.85	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	4/5/2005 4:48:00AM	0.52	0.52	ug/L	U
032106	Chloroform	N	E84282	8260B	4/5/2005 4:48:00AM	0.9	0.9	ug/L	U
034311	Chloroethane	N	E84282	8260B	4/5/2005 4:48:00AM	0.8	0.8	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	4/5/2005 4:48:00AM	0.63	0.63	ug/L	U
032104	Bromoform	N	E84282	8260B	4/5/2005 4:48:00AM	0.58	0.58	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	4/5/2005 4:48:00AM	0.42	0.42	ug/L	U
034413	Bromomethane	N	E84282	8260B	4/5/2005 4:48:00AM	0.66	0.66	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	4/5/2005 4:48:00AM	0.34	0.34	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	4/5/2005 4:48:00AM	0.65	0.65	ug/L	U
000620	Nitrogen, Nitrate	N	E84282	353.2	3/26/2005 8:18:00AM	0.058	0.01	mg/L	
034704	cis-1,3-Dichloropropene	N	E84282	8260B	4/5/2005 4:48:00AM	0.14	0.14	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	4/5/2005 4:48:00AM	0.58	0.58	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	4/5/2005 4:48:00AM	0.14	0.14	ug/L	U
034030	Benzene	N	E84282	8260B	4/5/2005 4:48:00AM	0.27	0.27	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	4/5/2005 4:48:00AM	1.2	1.2	ug/L	U
081552	Acetone	N	E84282	8260B	4/5/2005 4:48:00AM	9.9	9.9	ug/L	U
077103	2-Hexanone	N	E84282	8260B	4/5/2005 4:48:00AM	4.4	4.4	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	4/5/2005 4:48:00AM	0.52	0.52	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	4/5/2005 4:48:00AM	0.52	0.52	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	4/5/2005 4:48:00AM	0.57	0.57	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	4/5/2005 4:48:00AM	0.44	0.44	ug/L	U
082545	Water Level	N	E84282	FIELD	3/24/2005 9:05:00AM	11.1		ft	
034501	1,1-Dichloroethylene	N	E84282	8260B	4/5/2005 4:48:00AM	0.45	0.45	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	4/5/2005 4:48:00AM	1	1	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	4/5/2005 4:48:00AM	0.47	0.47	ug/L	U
046369	Ethylene Dibromide	N	E84282	504.1	4/1/2005 11:15:00PM	0.0092	0.0092	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	4/5/2005 4:48:00AM	0.46	0.46	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	4/5/2005 4:48:00AM	0.63	0.63	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	4/5/2005 4:48:00AM	0.44	0.44	ug/L	U
001051	Lead	N	E84282	200.7 Rev 4.4	4/4/2005 2:24:00PM	1.5	1.5	ug/L	U
082079	Turbidity	N	E84282	180.1	3/24/2005 7:49:00AM	87.1		NTU	
000010	Temperature	N	E84282	170.1	3/24/2005 9:05:00AM	20		Degrees C	
000403	pH	N	E84282	150.1	3/24/2005 9:05:00AM	5.21		SU	
001145	Selenium	Y	E84282	200.7 Rev 4.4	4/4/2005 2:51:00PM	12	4.8	ug/L	
077443	1,2,3-Trichloropropane	N	E84282	8260B	4/5/2005 4:48:00AM	0.15	0.15	ug/L	U

Total Parameters Monitored: 93

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

Printed: 4/27/2005

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Form Produced by FDEP Validator software

Facility Name: SEMI-ANNUAL PHASE III/IV TRAIL RIDGE

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: MWB131
 Water Classification: G-II
 (i.e.: LC - Leachate, G-II, SW-IIIF)

Sample Date/Time: 3/23/2005 2:20:00PM
 Sampling Method: our Composite - (Surface Wa
 Permitted
 Well Type: CO

(AS) Assessment (IW) Irrigation Well
 (BG) Background (OT) Other
 (CO) Compliance (PZ) Piezometer
 (DE) Detection (SO) Source
 (DG) Downgradient (UP) Upgradient
 (IM) Intermediate (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
034571	1,4-Dichlorobenzene	N	E84282	8260B	4/1/2005 3:49:00AM	0.52	0.52	ug/L	U
000010	Temperature	N	E84282	170.1	3/23/2005 12:20:00PM	22.6		Degrees C	
082079	Turbidity	N	E84282	180.1	3/23/2005 7:49:00AM	16.9		NTU	
000299	Oxygen, Dissolved	N	E84282	360.1	3/23/2005 12:20:00PM	36		mg/L	
082545	Water Level	N	E84282	FIELD	3/23/2005 2:20:00PM	107		ft	
038437	1,2-Dibromo-3-Chloropropane	N	E87052	504.1	3/31/2005 7:31:00AM	0.0031	0.0031	ug/L	U
046369	Ethylene Dibromide	N	E87052	504.1	3/31/2005 7:31:00AM	0.009	0.009	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	4/1/2005 3:49:00AM	0.42	0.42	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	4/1/2005 3:49:00AM	0.46	0.46	ug/L	U
034413	Bromomethane	N	E84282	8260B	4/1/2005 3:49:00AM	0.66	0.66	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	4/1/2005 3:49:00AM	0.47	0.47	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	4/1/2005 3:49:00AM	0.52	0.52	ug/L	U
034501	1,1-Dichloroethylene	N	E84282	8260B	4/1/2005 3:49:00AM	0.45	0.45	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	4/1/2005 3:49:00AM	0.15	0.15	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	4/1/2005 3:49:00AM	0.44	0.44	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	4/1/2005 3:49:00AM	0.57	0.57	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	4/1/2005 3:49:00AM	8.4	8.4	ug/L	U
077103	2-Hexanone	N	E84282	8260B	4/1/2005 3:49:00AM	4.4	4.4	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	4/1/2005 3:49:00AM	0.63	0.63	ug/L	U
081552	Acetone	N	E84282	8260B	4/1/2005 3:49:00AM	9.9	9.9	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	4/1/2005 3:49:00AM	1.2	1.2	ug/L	U
034030	Benzene	N	E84282	8260B	4/1/2005 3:49:00AM	0.27	0.27	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	4/1/2005 3:49:00AM	0.58	0.58	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	4/1/2005 3:49:00AM	0.35	0.35	ug/L	U
032104	Bromoform	N	E84282	8260B	4/1/2005 3:49:00AM	0.58	0.58	ug/L	U
000094	Specific Conductance	N	E84282	120.1	3/23/2005 12:20:00PM	36		umhos/cm	
000403	pH	N	E84282	150.1	3/23/2005 12:20:00PM	5.05		SU	
034541	1,2-Dichloropropane	N	E84282	8260B	4/1/2005 3:49:00AM	0.52	0.52	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	4/1/2005 3:49:00AM	0.14	0.14	ug/L	U
034311	Chloroethane	N	E84282	8260B	4/1/2005 3:49:00AM	0.8	0.8	ug/L	U
032106	Chloroform	N	E84282	8260B	4/1/2005 3:49:00AM	0.9	0.9	ug/L	U
034418	Chloromethane	N	E84282	8260B	4/1/2005 3:49:00AM	0.64	0.64	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	4/1/2005 3:49:00AM	0.65	0.65	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	4/1/2005 3:49:00AM	0.14	0.14	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	4/1/2005 3:49:00AM	0.34	0.34	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	4/1/2005 3:49:00AM	0.83	0.83	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	4/1/2005 3:49:00AM	0.85	0.85	ug/L	U
077424	Iodomethane	N	E84282	8260B	4/1/2005 3:49:00AM	0.67	0.67	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	4/1/2005 3:49:00AM	0.63	0.63	ug/L	U
078133	methyl isobutyl ketone	N	E84282	8260B	4/1/2005 3:49:00AM	3.8	3.8	ug/L	U
046361	Methylene bromide	N	E84282	8260B	4/1/2005 3:49:00AM	0.41	0.41	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	4/1/2005 3:49:00AM	1	1	ug/L	U
077128	Styrene	N	E84282	8260B	4/1/2005 3:49:00AM	0.98	0.98	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	4/1/2005 3:49:00AM	0.34	0.34	ug/L	U

* 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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WACS Facility ID #: 33628
WACS Testsite ID #: 17350
WACS Testsite Name: MWB13I
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-III/F)

Sample Date/Time: 3/23/2005 2:20:00PM
Sampling Method: our Composite - (Surface Water)
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
034010	Toluene	N	E84282	8260B	4/1/2005 3:49:00AM	0.51	0.51	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	4/1/2005 3:49:00AM	2.5	2.5	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	4/1/2005 3:49:00AM	0.14	0.14	ug/L	U
001042	Copper	N	E84282	200.7 Rev 4.4	4/1/2005 9:34:00AM	1.3	1.3	ug/L	U
039180	Trichloroethene	N	E84282	8260B	4/1/2005 3:49:00AM	0.28	0.28	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	4/1/2005 3:49:00AM	0.98	0.98	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	4/1/2005 3:49:00AM	1.5	1.5	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	4/1/2005 3:49:00AM	0.5	0.5	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	4/1/2005 3:49:00AM	0.98	0.98	ug/L	U
000515	Total Dissolved Solids	N	E84282	160.1	3/29/2005 3:00:00PM	54	5	mg/L	
000940	Chloride	N	E84282	325.2	4/4/2005 1:30:00PM	7.2	0.9	mg/L	
001097	Antimony	N	E84282	200.7 Rev 4.4	4/1/2005 9:34:00AM	2.9	0.0029	ug/L	U
000610	Ammonia	N	E84282	350.1	4/22/2005 4:00:00PM	0.059	0.04	mg/L	
034546	trans-1,2-Dichloroethene	N	E84282	8260B	4/1/2005 3:49:00AM	0.44	0.44	ug/L	U
001002	Arsenic	N	E84282	200.7 Rev 4.4	4/1/2005 9:34:00AM	3.8	3.8	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	4/1/2005 9:34:00AM	3.5	1.2	ug/L	
001012	Beryllium	N	E84282	200.7 Rev 4.4	4/1/2005 9:34:00AM	0.74	0.74	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	4/1/2005 9:34:00AM	0.71	0.71	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	4/1/2005 9:34:00AM	2	1.7	ug/L	I
001037	Cobalt	N	E84282	200.7 Rev 4.4	4/1/2005 9:34:00AM	1.4	1.4	ug/L	U
071900	Mercury	N	E84282	245.1	3/31/2005 5:44:00PM	0.072	0.072	ug/L	U
001045	Iron	N	E84282	200.7 Rev 4.4	4/1/2005 9:34:00AM	410	37	ug/L	
001051	Lead	N	E84282	200.7 Rev 4.4	4/1/2005 9:34:00AM	1.5	1.5	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	4/1/2005 9:34:00AM	4.7	4.7	ug/L	U
001147	Selenium	N	E84282	200.7 Rev 4.4	4/1/2005 9:34:00AM	4.8	4.8	ug/L	U
001077	Silver	N	E84282	200.7 Rev 4.4	4/1/2005 9:34:00AM	1.9	1.9	ug/L	U
000929	Sodium	N	E84282	200.7 Rev 4.4	4/1/2005 9:34:00AM	3	0.15	mg/L	
001087	Vanadium	N	E84282	200.7 Rev 4.4	4/1/2005 9:34:00AM	2.5	2.5	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	4/1/2005 9:34:00AM	5.9	5.9	ug/L	U
001059	Thallium	N	E87052	200.8	4/2/2005 3:32:00PM	0.2	0.2	ug/L	U
000620	Nitrogen, Nitrate	N	E84282	353.2	3/25/2005 1:41:00PM	0.01	0.01	mg/L	U

Total Parameters Monitored: 75

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-III(F))

Sample Date/Time: 3/22/2005 3:03:00PM
 Sampling Method: our Composite - (Surface Water)
 Permitted
 Well Type: CO

(AS) Assessment (IW) Irrigation Well
 (BG) Background (OT) Other
 (CO) Compliance (PZ) Piezometer
 (DE) Detection (SO) Source
 (DG) Downgradient (UP) Upgradient
 (IM) Intermediate (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	3/29/2005 10:02:00PM	9.9	9.9	ug/L	U
082545	Water Level	N	E84282	FIELD	3/22/2005 3:03:00PM	132		ft	
000299	Oxygen, Dissolved	N	E84282	360.1	3/22/2005 3:03:00PM	1.4		mg/L	
082079	Turbidity	N	E84282	180.1	3/22/2005 3:03:00PM	20.7		NTU	
000010	Temperature	N	E84282	170.1	3/22/2005 3:03:00PM	20.7		Degrees C	
000403	pH	N	E84282	150.1	3/22/2005 3:03:00PM	5.28		SU	
071900	Mercury	N	E84282	245.1	3/29/2005 5:41:00PM	0.072	0.072	ug/L	U
000094	Specific Conductance	N	E84282	120.1	3/22/2005 3:03:00PM	52		umhos/cm	
034571	1,4-Dichlorobenzene	N	E84282	8260B	3/29/2005 10:02:00PM	0.52	0.52	ug/L	U
046369	Ethylene Dibromide	N	E84282	504.1	3/31/2005 2:17:00AM	0.0088	0.0088	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	3/29/2005 10:02:00PM	0.57	0.57	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	3/29/2005 10:02:00PM	0.46	0.46	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/29/2005 10:02:00PM	0.14	0.14	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	3/29/2005 10:02:00PM	0.47	0.47	ug/L	U
034501	1,1-Dichloroethylene	N	E84282	8260B	3/29/2005 10:02:00PM	0.45	0.45	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	3/29/2005 10:02:00PM	0.44	0.44	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	3/29/2005 10:02:00PM	0.15	0.15	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	3/29/2005 10:02:00PM	0.52	0.52	ug/L	U
034311	Chloroethane	N	E84282	8260B	3/29/2005 10:02:00PM	0.8	0.8	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	3/29/2005 10:02:00PM	1	1	ug/L	U
077103	2-Hexanone	N	E84282	8260B	3/29/2005 10:02:00PM	4.4	4.4	ug/L	U
034030	Benzene	N	E84282	8260B	3/29/2005 10:02:00PM	0.27	0.27	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	3/29/2005 10:02:00PM	0.58	0.58	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	3/29/2005 10:02:00PM	0.35	0.35	ug/L	U
032104	Bromoform	N	E84282	8260B	3/29/2005 10:02:00PM	0.58	0.58	ug/L	U
034413	Bromomethane	N	E84282	8260B	3/29/2005 10:02:00PM	0.66	0.66	ug/L	U
032106	Chloroform	N	E84282	8260B	3/29/2005 10:02:00PM	0.9	0.9	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	3/29/2005 10:02:00PM	0.42	0.42	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/29/2005 10:02:00PM	0.63	0.63	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	3/29/2005 10:02:00PM	1.2	1.2	ug/L	U
034418	Chloromethane	N	E84282	8260B	3/29/2005 10:02:00PM	0.64	0.64	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	3/29/2005 10:02:00PM	0.65	0.65	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	3/29/2005 10:02:00PM	0.14	0.14	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	3/29/2005 10:02:00PM	0.34	0.34	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	3/29/2005 10:02:00PM	0.83	0.83	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	3/29/2005 10:02:00PM	0.85	0.85	ug/L	U
077424	Iodomethane	N	E84282	8260B	3/29/2005 10:02:00PM	0.67	0.67	ug/L	U
000940	Chloride	N	E84282	325.2	3/30/2005 7:30:00PM	6.8	0.9	mg/L	
034541	1,2-Dichloropropane	N	E84282	8260B	3/29/2005 10:02:00PM	0.52	0.52	ug/L	U
046361	Methylene bromide	N	E84282	8260B	3/29/2005 10:02:00PM	0.41	0.41	ug/L	U
077128	Styrene	N	E84282	8260B	3/29/2005 10:02:00PM	0.98	0.98	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	3/29/2005 10:02:00PM	0.34	0.34	ug/L	U
034010	Toluene	N	E84282	8260B	3/29/2005 10:02:00PM	0.51	0.51	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	3/29/2005 10:02:00PM	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.

Printed: 4/26/2005

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Form Produced by FDEP Validator software

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

Sample Date/Time: 3/22/2005 3:03:00PM
Sampling Method: our Composite - (Surface Water)
Permitted
Well Type: CO

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (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
034699	trans-1,3-Dichloropropene	N	E84282	8260B	3/29/2005 10:02:00PM	0.14	0.14	ug/L	U
078133	methyl isobutyl ketone	N	E84282	8260B	3/29/2005 10:02:00PM	3.8	3.8	ug/L	U
000515	Total Dissolved Solids	N	E84282	160.1	3/28/2005 12:00:00PM	20	5	mg/L	
001037	Cobalt	N	E84282	200.7 Rev 4.4	3/31/2005 2:49:00PM	1.4	1.4	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	3/29/2005 10:02:00PM	0.98	0.98	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	3/29/2005 10:02:00PM	0.5	0.5	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	3/29/2005 10:02:00PM	1.5	1.5	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	3/29/2005 10:02:00PM	0.98	0.98	ug/L	U
039180	Trichloroethene	N	E84282	8260B	3/29/2005 10:02:00PM	0.28	0.28	ug/L	U
001059	Thallium	N	E84282	200.8	4/1/2005 8:08:00PM	0.2	0.2	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	3/29/2005 10:02:00PM	0.63	0.63	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/29/2005 10:02:00PM	2.5	2.5	ug/L	U
074010	Iron	N	E84282	200.7 Rev 4.4	3/31/2005 2:49:00PM	0.19	0.037	mg/L	
001051	Lead	N	E84282	200.7 Rev 4.4	3/31/2005 2:49:00PM	1.5	1.5	ug/L	U
000620	Nitrogen, Nitrate	N	E84282	353.2	3/24/2005 11:04:00AM	0.01	0.01	mg/L	U
001097	Antimony	N	E84282	200.7 Rev 4.4	3/31/2005 2:49:00PM	2.9	2.9	ug/L	U
001002	Arsenic	N	E84282	200.7 Rev 4.4	3/31/2005 2:49:00PM	3.8	3.8	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	3/31/2005 2:49:00PM	3.8	1.2	ug/L	I
001012	Beryllium	N	E84282	200.7 Rev 4.4	3/31/2005 2:49:00PM	0.74	0.74	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	3/31/2005 2:49:00PM	0.71	0.71	ug/L	U
001042	Copper	N	E84282	200.7 Rev 4.4	3/31/2005 2:49:00PM	1.3	1.3	ug/L	U
000610	Ammonia	N	E84282	350.1	3/31/2005 4:40:00PM	0.13	0.04	mg/L	
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/31/2005 2:17:00AM	0.003	0.003	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	3/31/2005 2:49:00PM	1.7	1.7	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	3/31/2005 2:49:00PM	4.7	4.7	ug/L	U
001147	Selenium	N	E84282	200.7 Rev 4.4	3/31/2005 2:49:00PM	4.8	4.8	ug/L	U
001077	Silver	N	E84282	200.7 Rev 4.4	3/31/2005 2:49:00PM	1.9	1.9	ug/L	U
000929	Sodium	N	E84282	200.7 Rev 4.4	3/31/2005 2:49:00PM	3.3	0.15	mg/L	
001087	Vanadium	N	E84282	200.7 Rev 4.4	3/31/2005 2:49:00PM	2.5	2.5	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	3/29/2005 10:02:00PM	8.4	8.4	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	3/31/2005 2:49:00PM	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 #: 17231
WACS Testsite Name: MWB171
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIF)

Sample Date/Time: 3/22/2005 2:47:00PM
Sampling Method: our Composite - (Surface Wa
Permitted
Well Type: CO

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (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
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/29/2005 9:38:00PM	0.14	0.14	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/31/2005 1:35:00AM	0.003	0.003	ug/L	U
082545	Water Level	N	E84282	FIELD	3/22/2005 2:47:00PM	136		ft	
000299	Oxygen, Dissolved	N	E84282	360.1	3/22/2005 2:47:00PM	0.4		mg/L	
082079	Turbidity	N	E84282	180.1	3/22/2005 2:47:00PM	22.2		NTU	
034506	1,1,1-Trichloroethane	N	E84282	8260B	3/29/2005 9:38:00PM	0.46	0.46	ug/L	U
000403	pH	N	E84282	150.1	3/22/2005 2:47:00PM	5.08		SU	
034501	1,1-Dichloroethylene	N	E84282	8260B	3/29/2005 9:38:00PM	0.45	0.45	ug/L	U
000010	Temperature	N	E84282	170.1	3/22/2005 2:47:00PM	22.2		Degrees C	
034541	1,2-Dichloropropane	N	E84282	8260B	3/29/2005 9:38:00PM	0.52	0.52	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	3/29/2005 9:38:00PM	0.52	0.52	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	3/29/2005 9:38:00PM	0.57	0.57	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	3/29/2005 9:38:00PM	0.52	0.52	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	3/29/2005 9:38:00PM	0.15	0.15	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	3/29/2005 9:38:00PM	0.44	0.44	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	3/29/2005 9:38:00PM	8.4	8.4	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	3/29/2005 9:38:00PM	1.2	1.2	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	3/29/2005 9:38:00PM	0.47	0.47	ug/L	U
034413	Bromomethane	N	E84282	8260B	3/29/2005 9:38:00PM	0.66	0.66	ug/L	U
001002	Arsenic	N	E84282	200.7 Rev 4.4	3/31/2005 2:44:00PM	3.8	3.8	ug/L	U
032104	Bromoform	N	E84282	8260B	3/29/2005 9:38:00PM	0.58	0.58	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	3/29/2005 9:38:00PM	0.35	0.35	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	3/29/2005 9:38:00PM	0.58	0.58	ug/L	U
034030	Benzene	N	E84282	8260B	3/29/2005 9:38:00PM	0.27	0.27	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	3/29/2005 9:38:00PM	0.85	0.85	ug/L	U
081552	Acetone	N	E84282	8260B	3/29/2005 9:38:00PM	9.9	9.9	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	3/29/2005 9:38:00PM	0.42	0.42	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	3/29/2005 9:38:00PM	0.34	0.34	ug/L	U
000094	Specific Conductance	N	E84282	120.1	3/22/2005 2:47:00PM	32		umhos/cm	
034704	cis-1,3-Dichloropropene	N	E84282	8260B	3/29/2005 9:38:00PM	0.14	0.14	ug/L	U
034311	Chloroethane	N	E84282	8260B	3/29/2005 9:38:00PM	0.8	0.8	ug/L	U
034418	Chloromethane	N	E84282	8260B	3/29/2005 9:38:00PM	0.64	0.64	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	3/29/2005 9:38:00PM	0.65	0.65	ug/L	U
077103	2-Hexanone	N	E84282	8260B	3/29/2005 9:38:00PM	4.4	4.4	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/29/2005 9:38:00PM	0.63	0.63	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	3/29/2005 9:38:00PM	0.63	0.63	ug/L	U
032106	Chloroform	N	E84282	8260B	3/29/2005 9:38:00PM	0.9	0.9	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	3/29/2005 9:38:00PM	1.5	1.5	ug/L	U
078133	methyl isobutyl ketone	N	E84282	8260B	3/29/2005 9:38:00PM	3.8	3.8	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	3/29/2005 9:38:00PM	1	1	ug/L	U
000620	Nitrogen, Nitrate	N	E84282	353.2	3/24/2005 11:04:00AM	0.01	0.01	mg/L	U
034475	Tetrachloroethene	N	E84282	8260B	3/29/2005 9:38:00PM	0.34	0.34	ug/L	U
046361	Methylene bromide	N	E84282	8260B	3/29/2005 9:38:00PM	0.41	0.41	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	3/29/2005 9:38:00PM	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.

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Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 17231
WACS Testsite Name: MWB171
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-III/F)

Sample Date/Time: 3/22/2005 2:47:00PM
Sampling Method: our Composite - (Surface Water)
Permitted
Well Type: CO

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (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
034699	trans-1,3-Dichloropropene	N	E84282	8260B	3/29/2005 9:38:00PM	0.14	0.14	ug/L	U
034010	Toluene	N	E84282	8260B	3/29/2005 9:38:00PM	0.51	0.51	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	3/29/2005 9:38:00PM	0.98	0.98	ug/L	U
077128	Styrene	N	E84282	8260B	3/29/2005 9:38:00PM	0.98	0.98	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	3/29/2005 9:38:00PM	0.5	0.5	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	3/29/2005 9:38:00PM	0.98	0.98	ug/L	U
000515	Total Dissolved Solids	N	E84282	160.1	3/28/2005 12:00:00PM	10	5	mg/L	
000940	Chloride	N	E84282	325.2	3/30/2005 7:30:00PM	5.4	0.9	mg/L	
039180	Trichloroethene	N	E84282	8260B	3/29/2005 9:38:00PM	0.28	0.28	ug/L	U
000610	Ammonia	N	E84282	350.1	3/31/2005 4:40:00PM	0.04	0.04	mg/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	3/31/2005 2:44:00PM	4.7	4.7	ug/L	U
046369	Ethylene Dibromide	N	E84282	504.1	3/31/2005 1:35:00AM	0.0088	0.0088	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/29/2005 9:38:00PM	2.5	2.5	ug/L	U
001042	Copper	N	E84282	200.7 Rev 4.4	3/31/2005 2:44:00PM	1.3	1.3	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	3/31/2005 2:44:00PM	37	1.2	ug/L	
001027	Cadmium	N	E84282	200.7 Rev 4.4	3/31/2005 2:44:00PM	0.71	0.71	ug/L	U
074010	Iron	N	E84282	200.7 Rev 4.4	3/31/2005 2:44:00PM	0.32	0.037	mg/L	
001037	Cobalt	N	E84282	200.7 Rev 4.4	3/31/2005 2:44:00PM	1.4	1.4	ug/L	U
001012	Beryllium	N	E84282	200.7 Rev 4.4	3/31/2005 2:44:00PM	0.74	0.74	ug/L	U
001097	Antimony	N	E84282	200.7 Rev 4.4	3/31/2005 2:44:00PM	2.9	2.9	ug/L	U
001051	Lead	N	E84282	200.7 Rev 4.4	3/31/2005 2:44:00PM	1.5	1.5	ug/L	U
001059	Thallium	N	E84282	200.8	4/1/2005 8:00:00PM	0.2	0.2	ug/L	U
001077	Silver	N	E84282	200.7 Rev 4.4	3/31/2005 2:44:00PM	1.9	1.9	ug/L	U
000929	Sodium	N	E84282	200.7 Rev 4.4	3/31/2005 2:44:00PM	3	0.15	mg/L	
001087	Vanadium	N	E84282	200.7 Rev 4.4	3/31/2005 2:44:00PM	2.5	2.5	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	3/31/2005 2:44:00PM	5.9	5.9	ug/L	U
071900	Mercury	N	E84282	245.1	3/29/2005 5:35:00PM	0.072	0.072	ug/L	U
077424	Iodomethane	N	E84282	8260B	3/29/2005 9:38:00PM	0.67	0.67	ug/L	U
001147	Selenium	N	E84282	200.7 Rev 4.4	3/31/2005 2:44:00PM	4.8	4.8	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	3/31/2005 2:44:00PM	1.7	1.7	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	3/29/2005 9:38:00PM	0.83	0.83	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.

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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-III-F)

Sample Date/Time: 3/22/2005 2:09:00PM
Sampling Method: our Composite - (Surface Wa
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
034506	1,1,1-Trichloroethane	N	E84282	8260B	3/29/2005 9:14:00PM	0.46	0.46	ug/L	U
000403	pH	N	E84282	150.1	3/22/2005 2:09:00PM	5.62		SU	
077424	Iodomethane	N	E84282	8260B	3/29/2005 9:14:00PM	0.67	0.67	ug/L	U
082079	Turbidity	N	E84282	180.1	3/22/2005 2:09:00PM	21.8		NTU	
000299	Oxygen, Dissolved	N	E84282	360.1	3/22/2005 2:09:00PM	1		mg/L	
082545	Water Level	N	E84282	FIELD	3/22/2005 2:09:00PM	132		ft	
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/31/2005 12:31:00AM	0.0031	0.0031	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	3/29/2005 9:14:00PM	0.52	0.52	ug/L	U
000010	Temperature	N	E84282	170.1	3/22/2005 2:09:00PM	21.8		Degrees C	
077103	2-Hexanone	N	E84282	8260B	3/29/2005 9:14:00PM	4.4	4.4	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	3/29/2005 9:14:00PM	0.52	0.52	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	3/29/2005 9:14:00PM	0.47	0.47	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	3/29/2005 9:14:00PM	0.52	0.52	ug/L	U
034501	1,1-Dichloroethylene	N	E84282	8260B	3/29/2005 9:14:00PM	0.45	0.45	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	3/29/2005 9:14:00PM	0.15	0.15	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	3/29/2005 9:14:00PM	0.44	0.44	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	3/29/2005 9:14:00PM	0.57	0.57	ug/L	U
046369	Ethylene Dibromide	N	E84282	504.1	3/31/2005 12:31:00AM	0.0089	0.0089	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	3/29/2005 9:14:00PM	0.63	0.63	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	3/29/2005 9:14:00PM	0.85	0.85	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	3/29/2005 9:14:00PM	1.2	1.2	ug/L	U
034030	Benzene	N	E84282	8260B	3/29/2005 9:14:00PM	0.27	0.27	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	3/29/2005 9:14:00PM	0.58	0.58	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	3/29/2005 9:14:00PM	0.35	0.35	ug/L	U
032104	Bromoform	N	E84282	8260B	3/29/2005 9:14:00PM	0.58	0.58	ug/L	U
034413	Bromomethane	N	E84282	8260B	3/29/2005 9:14:00PM	0.66	0.66	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/29/2005 9:14:00PM	0.14	0.14	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	3/29/2005 9:14:00PM	0.42	0.42	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	3/29/2005 9:14:00PM	0.14	0.14	ug/L	U
034311	Chloroethane	N	E84282	8260B	3/29/2005 9:14:00PM	0.8	0.8	ug/L	U
032106	Chloroform	N	E84282	8260B	3/29/2005 9:14:00PM	0.9	0.9	ug/L	U
034418	Chloromethane	N	E84282	8260B	3/29/2005 9:14:00PM	0.64	0.64	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	3/29/2005 9:14:00PM	0.65	0.65	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	3/29/2005 9:14:00PM	0.14	0.14	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	3/29/2005 9:14:00PM	0.83	0.83	ug/L	U
001097	Antimony	N	E84282	200.7 Rev 4.4	3/31/2005 2:38:00PM	2.9	2.9	ug/L	U
081552	Acetone	N	E84282	8260B	3/29/2005 9:14:00PM	9.9	9.9	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/29/2005 9:14:00PM	2.5	2.5	ug/L	U
039180	Trichloroethene	N	E84282	8260B	3/29/2005 9:14:00PM	0.28	0.28	ug/L	U
078133	methyl isobutyl ketone	N	E84282	8260B	3/29/2005 9:14:00PM	3.8	3.8	ug/L	U
046361	Methylene bromide	N	E84282	8260B	3/29/2005 9:14:00PM	0.41	0.41	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	3/29/2005 9:14:00PM	1	1	ug/L	U
077128	Styrene	N	E84282	8260B	3/29/2005 9:14:00PM	0.98	0.98	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	3/29/2005 9:14:00PM	0.34	0.34	ug/L	U

* 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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Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 17230
WACS Testsite Name: MWB17D
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIIF)

Sample Date/Time: 3/22/2005 2:09:00PM
Sampling Method: our Composite - (Surface Water)
Permitted
Well Type: CO

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (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
034010	Toluene	N	E84282	8260B	3/29/2005 9:14:00PM	0.51	0.51	ug/L	U
074010	Iron	N	E84282	200.7 Rev 4.4	3/31/2005 2:38:00PM	0.54	0.037	mg/L	
001002	Arsenic	N	E84282	200.7 Rev 4.4	3/31/2005 2:38:00PM	3.8	3.8	ug/L	U
000515	Total Dissolved Solids	N	E84282	160.1	3/28/2005 12:00:00PM	5	5	mg/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	3/29/2005 9:14:00PM	8.4	8.4	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	3/29/2005 9:14:00PM	0.98	0.98	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	3/29/2005 9:14:00PM	1.5	1.5	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	3/29/2005 9:14:00PM	0.5	0.5	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	3/29/2005 9:14:00PM	0.98	0.98	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/29/2005 9:14:00PM	0.63	0.63	ug/L	U
000940	Chloride	N	E84282	325.2	3/30/2005 7:30:00PM	6.6	0.9	mg/L	
032105	Dibromochloromethane	N	E84282	8260B	3/29/2005 9:14:00PM	0.34	0.34	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	3/29/2005 9:14:00PM	0.44	0.44	ug/L	U
000610	Ammonia	N	E84282	350.1	3/31/2005 4:40:00PM	0.04	0.04	mg/L	U
071900	Mercury	N	E84282	245.1	3/29/2005 5:42:00PM	0.072	0.072	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	3/31/2005 2:38:00PM	4.7	4.7	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	3/31/2005 2:38:00PM	37	1.2	ug/L	
001012	Beryllium	N	E84282	200.7 Rev 4.4	3/31/2005 2:38:00PM	0.74	0.74	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	3/31/2005 2:38:00PM	0.71	0.71	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	3/31/2005 2:38:00PM	1.7	1.7	ug/L	U
001037	Cobalt	N	E84282	200.7 Rev 4.4	3/31/2005 2:38:00PM	1.4	1.4	ug/L	U
001042	Copper	N	E84282	200.7 Rev 4.4	3/31/2005 2:38:00PM	1.3	1.3	ug/L	U
000094	Specific Conductance	N	E84282	120.1	3/22/2005 2:09:00PM	66		umhos/cm	
001059	Thallium	N	E84282	200.8	4/1/2005 7:53:00PM	0.2	0.2	ug/L	U
000620	Nitrogen, Nitrate	N	E84282	353.2	3/24/2005 11:04:00AM	0.01	0.01	mg/L	U
001147	Selenium	N	E84282	200.7 Rev 4.4	3/31/2005 2:38:00PM	4.8	4.8	ug/L	U
001077	Silver	N	E84282	200.7 Rev 4.4	3/31/2005 2:38:00PM	1.9	1.9	ug/L	U
000929	Sodium	N	E84282	200.7 Rev 4.4	3/31/2005 2:38:00PM	3.2	0.15	mg/L	
001087	Vanadium	N	E84282	200.7 Rev 4.4	3/31/2005 2:38:00PM	2.5	2.5	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	3/31/2005 2:38:00PM	5.9	5.9	ug/L	U
001051	Lead	N	E84282	200.7 Rev 4.4	3/31/2005 2:38:00PM	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.

Printed: 4/26/2005

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Form Produced by FDEP Validator software

Facility Name: SEMI-ANNUAL PHASE I/TRAIL RIDGE

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-III/F)

Sample Date/Time: 3/22/2005 7:39:00AM
 Sampling Method: our Composite - (Surface Water)
 Permitted
 Well Type: CO

(AS) Assessment (IW) Irrigation Well
 (BG) Background (OT) Other
 (CO) Compliance (PZ) Piezometer
 (DE) Detection (SO) Source
 (DG) Downgradient (UP) Upgradient
 (IM) Intermediate (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	120.1	3/22/2005 7:39:00AM	114		umhos/cm	
032101	Bromodichloromethane	N	E84282	8260B	3/30/2005 2:50:00AM	0.35	0.35	ug/L	U
046369	Ethylene Dibromide	N	E84282	504.1	3/29/2005 10:53:00PM	0.0093	0.0093	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/29/2005 10:53:00PM	0.0032	0.0032	ug/L	U
082545	Water Level	N	E84282	FIELD	3/22/2005 7:39:00AM	121		ft	
000299	Oxygen, Dissolved	N	E84282	360.1	3/22/2005 7:39:00AM	1.2		mg/L	
082079	Turbidity	N	E84282	180.1	3/22/2005 7:39:00AM	14.7		NTU	
039175	Vinyl chloride	N	E84282	8260B	3/30/2005 2:50:00AM	0.5	0.5	ug/L	U
000403	pH	N	E84282	150.1	3/22/2005 7:39:00AM	5.41		SU	
081595	Methyl Ethyl Ketone	N	E84282	8260B	3/30/2005 2:50:00AM	8.4	8.4	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/30/2005 2:50:00AM	0.14	0.14	ug/L	U
001042	Copper	N	E84282	200.7 Rev 4.4	3/31/2005 8:52:00AM	1.3	1.3	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	3/31/2005 8:52:00AM	0.71	0.71	ug/L	U
034030	Benzene	N	E84282	8260B	3/30/2005 2:50:00AM	0.27	0.27	ug/L	U
001037	Cobalt	N	E84282	200.7 Rev 4.4	3/31/2005 8:52:00AM	1.4	1.4	ug/L	U
074010	Iron	N	E84282	200.7 Rev 4.4	3/31/2005 8:52:00AM	0.25	0.037	mg/L	
000929	Sodium	N	E84282	200.7 Rev 4.4	3/31/2005 8:52:00AM	5.2	0.15	mg/L	
000010	Temperature	N	E84282	170.1	3/22/2005 7:39:00AM	20.6		Degrees C	
046361	Methylene bromide	N	E84282	8260B	3/30/2005 2:50:00AM	0.41	0.41	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	3/30/2005 2:50:00AM	0.47	0.47	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	3/31/2005 8:52:00AM	5.9	5.9	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	3/30/2005 2:50:00AM	0.52	0.52	ug/L	U
071900	Mercury	N	E84282	245.1	3/29/2005 4:38:00PM	0.072	0.072	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	3/30/2005 2:50:00AM	0.52	0.52	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	3/30/2005 2:50:00AM	0.52	0.52	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	3/30/2005 2:50:00AM	0.57	0.57	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	3/30/2005 2:50:00AM	0.46	0.46	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	3/30/2005 2:50:00AM	0.15	0.15	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	3/30/2005 2:50:00AM	0.63	0.63	ug/L	U
001087	Vanadium	N	E84282	200.7 Rev 4.4	3/31/2005 8:52:00AM	2.5	2.5	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/30/2005 2:50:00AM	0.63	0.63	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	3/30/2005 2:50:00AM	0.42	0.42	ug/L	U
034413	Bromomethane	N	E84282	8260B	3/30/2005 2:50:00AM	0.66	0.66	ug/L	U
001012	Beryllium	N	E84282	200.7 Rev 4.4	3/31/2005 8:52:00AM	0.74	0.74	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	3/30/2005 2:50:00AM	0.58	0.58	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	3/30/2005 2:50:00AM	1.5	1.5	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	3/30/2005 2:50:00AM	0.44	0.44	ug/L	U
001002	Arsenic	N	E84282	200.7 Rev 4.4	3/31/2005 8:52:00AM	3.8	3.8	ug/L	U
034501	1,1-Dichloroethylene	N	E84282	8260B	3/30/2005 2:50:00AM	0.45	0.45	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	3/30/2005 2:50:00AM	1	1	ug/L	U
077128	Styrene	N	E84282	8260B	3/30/2005 2:50:00AM	0.98	0.98	ug/L	U
001077	Silver	N	E84282	200.7 Rev 4.4	3/31/2005 8:52:00AM	1.9	1.9	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	3/30/2005 2:50:00AM	0.34	0.34	ug/L	U
000610	Ammonia	N	E84282	350.1	3/31/2005 4:40:00PM	0.25	0.04	mg/L	

* 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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Form Produced by FDEP Validator software

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

Sample Date/Time: 3/22/2005 7:39:00AM
Sampling Method: our Composite - (Surface Water)
Permitted
Well Type: CO

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (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
081551	Xylenes, Total	N	E84282	8260B	3/30/2005 2:50:00AM	0.98	0.98	ug/L	U
001097	Antimony	N	E84282	200.7 Rev 4.4	3/31/2005 8:52:00AM	2.9	2.9	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	3/30/2005 2:50:00AM	0.34	0.34	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	3/30/2005 2:50:00AM	0.83	0.83	ug/L	U
001059	Thallium	N	E87052	200.8	4/1/2005 9:13:00PM	0.69	0.2	ug/L	I
000515	Total Dissolved Solids	N	E84282	160.1	3/28/2005 12:00:00PM	64	5	mg/L	
000940	Chloride	N	E84282	325.2	3/30/2005 5:30:00PM	9.1	0.9	mg/L	
001051	Lead	N	E84282	200.7 Rev 4.4	3/31/2005 8:52:00AM	1.5	1.5	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	3/31/2005 8:52:00AM	4.7	4.7	ug/L	U
001147	Selenium	N	E84282	200.7 Rev 4.4	3/31/2005 8:52:00AM	4.8	4.8	ug/L	U
000620	Nitrogen, Nitrate	N	E84282	353.2	3/24/2005 7:44:00AM	0.01	0.01	mg/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/30/2005 2:50:00AM	2.5	2.5	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	3/30/2005 2:50:00AM	0.98	0.98	ug/L	U
039180	Trichloroethene	N	E84282	8260B	3/30/2005 2:50:00AM	0.28	0.28	ug/L	U
034311	Chloroethane	N	E84282	8260B	3/30/2005 2:50:00AM	0.8	0.8	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	3/30/2005 2:50:00AM	0.14	0.14	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	3/31/2005 8:52:00AM	1.7	1.7	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	3/30/2005 2:50:00AM	0.44	0.44	ug/L	U
034010	Toluene	N	E84282	8260B	3/30/2005 2:50:00AM	0.51	0.51	ug/L	U
077424	Iodomethane	N	E84282	8260B	3/30/2005 2:50:00AM	0.67	0.67	ug/L	U
032106	Chloroform	N	E84282	8260B	3/30/2005 2:50:00AM	0.9	0.9	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	3/31/2005 8:52:00AM	1.2	1.2	ug/L	
078133	methyl isobutyl ketone	N	E84282	8260B	3/30/2005 2:50:00AM	3.8	3.8	ug/L	U
077103	2-Hexanone	N	E84282	8260B	3/30/2005 2:50:00AM	4.4	4.4	ug/L	U
081552	Acetone	N	E84282	8260B	3/30/2005 2:50:00AM	9.9	9.9	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	3/30/2005 2:50:00AM	1.2	1.2	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	3/30/2005 2:50:00AM	0.65	0.65	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	3/30/2005 2:50:00AM	0.14	0.14	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	3/30/2005 2:50:00AM	0.85	0.85	ug/L	U
034418	Chloromethane	N	E84282	8260B	3/30/2005 2:50:00AM	0.64	0.64	ug/L	U
032104	Bromoform	N	E84282	8260B	3/30/2005 2:50:00AM	0.58	0.58	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.

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Form Produced by FDEP Validator software

Facility Name: SEMI-ANNUAL PHASE I/TRAIL RIDGE

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-IIIIF)

Sample Date/Time: 3/22/2005 8:17:00AM
 Sampling Method: our Composite - (Surface Wa
 Permitted
 Well Type: CO

(AS) Assessment (IW) Irrigation Well
 (BG) Background (OT) Other
 (CO) Compliance (FZ) Piezometer
 (DE) Detection (SO) Source
 (DG) Downgradient (UP) Upgradient
 (IM) Intermediate (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
082079	Turbidity	N	E84282	180.1	3/22/2005 8:17:00AM	89.1		NTU	
034541	1,2-Dichloropropane	N	E84282	8260B	3/30/2005 3:38:00AM	0.52	0.52	ug/L	U
000094	Specific Conductance	N	E84282	120.1	3/22/2005 8:17:00AM	42		umhos/cm	
000403	pH	N	E84282	150.1	3/22/2005 8:17:00AM	5.1		SU	
000010	Temperature	N	E84282	170.1	3/22/2005 8:17:00AM	22.1		Degrees C	
046369	Ethylene Dibromide	N	E84282	504.1	3/30/2005 12:17:00AM	0.0092	0.0092	ug/L	U
077128	Styrene	N	E84282	8260B	3/30/2005 3:38:00AM	0.98	0.98	ug/L	U
046361	Methylene bromide	N	E84282	8260B	3/30/2005 3:38:00AM	0.41	0.41	ug/L	U
001147	Selenium	N	E84282	200.7 Rev 4.4	3/31/2005 9:16:00AM	4.8	4.8	ug/L	U
001077	Silver	N	E84282	200.7 Rev 4.4	3/31/2005 9:16:00AM	1.9	1.9	ug/L	U
000929	Sodium	N	E84282	200.7 Rev 4.4	3/31/2005 9:16:00AM	3.6	0.15	mg/L	U
001049	Lead	Y	E84282	200.7 Rev 4.4	3/31/2005 9:22:00AM	1.5	1.5	ug/L	U
001145	Selenium	Y	E84282	200.7 Rev 4.4	3/31/2005 9:22:00AM	4.8	4.8	ug/L	U
034010	Toluene	N	E84282	8260B	3/30/2005 3:38:00AM	0.51	0.51	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/30/2005 3:38:00AM	0.63	0.63	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	3/30/2005 3:38:00AM	0.98	0.98	ug/L	U
078133	methyl isobutyl ketone	N	E84282	8260B	3/30/2005 3:38:00AM	3.8	3.8	ug/L	U
000299	Oxygen, Dissolved	N	E84282	360.1	3/22/2005 8:17:00AM	0.9		mg/L	
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/30/2005 12:17:00AM	0.0032	0.0032	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	3/30/2005 3:38:00AM	1	1	ug/L	U
032104	Bromoform	N	E84282	8260B	3/30/2005 3:38:00AM	0.58	0.58	ug/L	U
034418	Chloromethane	N	E84282	8260B	3/30/2005 3:38:00AM	0.64	0.64	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	3/30/2005 3:38:00AM	0.35	0.35	ug/L	U
001046	Iron	Y	E84282	200.7 Rev 4.4	3/31/2005 9:22:00AM	480	37	ug/L	
034699	trans-1,3-Dichloropropene	N	E84282	8260B	3/30/2005 3:38:00AM	0.14	0.14	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/30/2005 3:38:00AM	2.5	2.5	ug/L	U
039180	Trichloroethene	N	E84282	8260B	3/30/2005 3:38:00AM	0.28	0.28	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	3/30/2005 3:38:00AM	8.4	8.4	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	3/30/2005 3:38:00AM	0.15	0.15	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	3/31/2005 9:16:00AM	100	1.2	ug/L	
001012	Beryllium	N	E84282	200.7 Rev 4.4	3/31/2005 9:16:00AM	0.74	0.74	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	3/31/2005 9:16:00AM	0.76	0.71	ug/L	I
034506	1,1,1-Trichloroethane	N	E84282	8260B	3/30/2005 3:38:00AM	0.46	0.46	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	3/30/2005 3:38:00AM	0.44	0.44	ug/L	U
000610	Ammonia	N	E84282	350.1	3/31/2005 4:40:00PM	0.07	0.04	mg/L	
032105	Dibromochloromethane	N	E84282	8260B	3/30/2005 3:38:00AM	0.34	0.34	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	3/30/2005 3:38:00AM	1.5	1.5	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	3/30/2005 3:38:00AM	0.52	0.52	ug/L	U
000620	Nitrogen, Nitrate	N	E84282	353.2	3/24/2005 7:44:00AM	0.01	0.01	mg/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/30/2005 3:38:00AM	0.14	0.14	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	3/30/2005 3:38:00AM	0.85	0.85	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	3/30/2005 3:38:00AM	0.42	0.42	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	3/30/2005 3:38:00AM	0.63	0.63	ug/L	U
032106	Chloroform	N	E84282	8260B	3/30/2005 3:38:00AM	0.9	0.9	ug/L	U

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

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Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 17197
WACS Testsite Name: MWB191
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIIF)

Sample Date/Time: 3/22/2005 8:17:00AM
Sampling Method: our Composite - (Surface Water)
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
077093	cis-1,2-Dichloroethene	N	E84282	8260B	3/30/2005 3:38:00AM	0.65	0.65	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	3/30/2005 3:38:00AM	0.14	0.14	ug/L	U
034501	1,1-Dichloroethylene	N	E84282	8260B	3/30/2005 3:38:00AM	0.45	0.45	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	3/30/2005 3:38:00AM	0.47	0.47	ug/L	U
077424	Iodomethane	N	E84282	8260B	3/30/2005 3:38:00AM	0.67	0.67	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	3/30/2005 3:38:00AM	0.57	0.57	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	3/30/2005 3:38:00AM	0.44	0.44	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	3/30/2005 3:38:00AM	0.52	0.52	ug/L	U
077103	2-Hexanone	N	E84282	8260B	3/30/2005 3:38:00AM	4.4	4.4	ug/L	U
081552	Acetone	N	E84282	8260B	3/30/2005 3:38:00AM	9.9	9.9	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	3/30/2005 3:38:00AM	1.2	1.2	ug/L	U
034030	Benzene	N	E84282	8260B	3/30/2005 3:38:00AM	0.27	0.27	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	3/30/2005 3:38:00AM	0.58	0.58	ug/L	U
001002	Arsenic	N	E84282	200.7 Rev 4.4	3/31/2005 9:16:00AM	3.8	3.8	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	3/30/2005 3:38:00AM	0.34	0.34	ug/L	U
001097	Antimony	N	E84282	200.7 Rev 4.4	3/31/2005 9:16:00AM	2.9	2.9	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	3/30/2005 3:38:00AM	0.98	0.98	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	3/31/2005 9:16:00AM	4.7	4.7	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	3/30/2005 3:38:00AM	0.5	0.5	ug/L	U
001065	Nickel	Y	E84282	200.7 Rev 4.4	3/31/2005 9:22:00AM	4.7	4.7	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	3/30/2005 3:38:00AM	0.83	0.83	ug/L	U
000940	Chloride	N	E84282	325.2	3/30/2005 5:30:00PM	8.5	0.9	mg/L	
000515	Total Dissolved Solids	N	E84282	160.1	3/28/2005 12:00:00PM	20	5	mg/L	
034413	Bromomethane	N	E84282	8260B	3/30/2005 3:38:00AM	0.66	0.66	ug/L	U
082545	Water Level	N	E84282	FIELD	3/22/2005 8:17:00AM	121		ft	
001075	Silver	Y	E84282	200.7 Rev 4.4	3/31/2005 9:22:00AM	1.9	1.9	ug/L	U
001035	Cobalt	Y	E84282	200.7 Rev 4.4	3/31/2005 9:22:00AM	1.4	1.4	ug/L	U
001005	Barium	Y	E84282	200.7 Rev 4.4	3/31/2005 9:22:00AM	61	1.2	ug/L	
034311	Chloroethane	N	E84282	8260B	3/30/2005 3:38:00AM	0.8	0.8	ug/L	U
071900	Mercury	N	E84282	245.1	3/29/2005 4:49:00PM	0.072	0.072	ug/L	U
001057	Thallium	Y	E87052	200.8	4/2/2005 6:26:00PM	0.33	0.25	ug/L	I
001059	Thallium	N	E87052	200.8	4/1/2005 9:57:00PM	0.28	0.2	ug/L	I
001090	Zinc	Y	E84282	200.7 Rev 4.4	3/31/2005 9:22:00AM	5.9	5.9	ug/L	U
071890	Hg	Y	E84282	245.1	3/29/2005 4:51:00PM	0.072	0.072	ug/L	U
001025	Cadmium	Y	E84282	200.7 Rev 4.4	3/31/2005 9:22:00AM	0.71	0.71	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	3/31/2005 9:16:00AM	4.7	1.7	ug/L	I
001037	Cobalt	N	E84282	200.7 Rev 4.4	3/31/2005 9:16:00AM	2.7	1.4	ug/L	I
001042	Copper	N	E84282	200.7 Rev 4.4	3/31/2005 9:16:00AM	1.3	1.3	ug/L	U
001010	Beryllium	Y	E84282	200.7 Rev 4.4	3/31/2005 9:22:00AM	0.74	0.74	ug/L	U
001051	Lead	N	E84282	200.7 Rev 4.4	3/31/2005 9:16:00AM	1.5	1.5	ug/L	U
001087	Vanadium	N	E84282	200.7 Rev 4.4	3/31/2005 9:16:00AM	5.7	2.5	ug/L	I
001092	Zinc	N	E84282	200.7 Rev 4.4	3/31/2005 9:16:00AM	15	5.9	ug/L	I
001095	Antimony	Y	E84282	200.7 Rev 4.4	3/31/2005 9:22:00AM	2.9	2.9	ug/L	U
001030	Chromium	Y	E84282	200.7 Rev 4.4	3/31/2005 9:22:00AM	1.7	1.7	ug/L	U
001000	Arsenic	Y	E84282	200.7 Rev 4.4	3/31/2005 9:22:00AM	3.8	3.8	ug/L	U
001085	Vanadium	Y	E84282	200.7 Rev 4.4	3/31/2005 9:22:00AM	2.5	2.5	ug/L	U
000930	Sodium	Y	E84282	200.7 Rev 4.4	3/31/2005 9:22:00AM	3.6	0.15	mg/L	
001040	Copper	Y	E84282	200.7 Rev 4.4	3/31/2005 9:22:00AM	1.3	1.3	ug/L	U
074010	Iron	N	E84282	200.7 Rev 4.4	3/31/2005 9:16:00AM	1	0.037	mg/L	

Total Parameters Monitored: 93

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

Printed: 4/27/2005

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Form Produced by FDEP Validator software

Facility Name: SEMI-ANNUAL PHASE I/TRAIL RIDGE

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-IIIIF)

Sample Date/Time: 3/22/2005 8:03:00AM
 Sampling Method: our Composite - (Surface Wa
 Permitted
 Well Type: CO

(AS) Assessment (IW) Irrigation Well
 (BG) Background (OT) Other
 (CO) Compliance (PZ) Piezometer
 (DE) Detection (SO) Source
 (DG) Downgradient (UP) Upgradient
 (IM) Intermediate (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
034413	Bromomethane	N	E84282	8260B	3/30/2005 3:14:00AM	0.66	0.66	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/29/2005 11:14:00PM	0.003	0.003	ug/L	U
046369	Ethylene Dibromide	N	E84282	504.1	3/29/2005 11:14:00PM	0.0088	0.0088	ug/L	U
082545	Water Level	N	E84282	FIELD	3/22/2005 8:03:00AM	121		ft	
034699	trans-1,3-Dichloropropene	N	E84282	8260B	3/30/2005 3:14:00AM	0.14	0.14	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	3/30/2005 3:14:00AM	0.63	0.63	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	3/30/2005 3:14:00AM	0.85	0.85	ug/L	U
032104	Bromoform	N	E84282	8260B	3/30/2005 3:14:00AM	0.58	0.58	ug/L	U
034501	1,1-Dichloroethylene	N	E84282	8260B	3/30/2005 3:14:00AM	0.45	0.45	ug/L	U
001077	Silver	N	E84282	200.7 Rev 4.4	3/31/2005 8:58:00AM	1.9	1.9	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	3/30/2005 3:14:00AM	0.47	0.47	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	3/30/2005 3:14:00AM	0.65	0.65	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	3/30/2005 3:14:00AM	0.46	0.46	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/30/2005 3:14:00AM	0.63	0.63	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	3/30/2005 3:14:00AM	0.42	0.42	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	3/30/2005 3:14:00AM	0.83	0.83	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/30/2005 3:14:00AM	0.14	0.14	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	3/30/2005 3:14:00AM	0.52	0.52	ug/L	U
001059	Thallium	N	E87052	200.8	4/1/2005 9:49:00PM	0.93	0.2	ug/L	I
000403	pH	N	E84282	150.1	3/22/2005 8:03:00AM	7.26		SU	
000010	Temperature	N	E84282	170.1	3/22/2005 8:03:00AM	21.7		Degrees C	
077443	1,2,3-Trichloropropane	N	E84282	8260B	3/30/2005 3:14:00AM	0.15	0.15	ug/L	U
000620	Nitrogen, Nitrate	N	E84282	353.2	3/24/2005 7:44:00AM	0.01	0.01	mg/L	U
000094	Specific Conductance	N	E84282	120.1	3/22/2005 8:03:00AM	365		umhos/cm	
034571	1,4-Dichlorobenzene	N	E84282	8260B	3/30/2005 3:14:00AM	0.52	0.52	ug/L	U
034311	Chloroethane	N	E84282	8260B	3/30/2005 3:14:00AM	0.8	0.8	ug/L	U
071900	Mercury	N	E84282	245.1	3/29/2005 4:47:00PM	0.072	0.072	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	3/30/2005 3:14:00AM	0.44	0.44	ug/L	U
077424	Iodomethane	N	E84282	8260B	3/30/2005 3:14:00AM	0.67	0.67	ug/L	U
077103	2-Hexanone	N	E84282	8260B	3/30/2005 3:14:00AM	4.4	4.4	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	3/30/2005 3:14:00AM	0.35	0.35	ug/L	U
034030	Benzene	N	E84282	8260B	3/30/2005 3:14:00AM	0.27	0.27	ug/L	U
081552	Acetone	N	E84282	8260B	3/30/2005 3:14:00AM	9.9	9.9	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	3/30/2005 3:14:00AM	0.57	0.57	ug/L	U
001051	Lead	N	E84282	200.7 Rev 4.4	3/31/2005 8:58:00AM	1.5	1.5	ug/L	U
000515	Total Dissolved Solids	N	E84282	160.1	3/28/2005 12:00:00PM	180	5	mg/L	
034215	Acrylonitrile	N	E84282	8260B	3/30/2005 3:14:00AM	1.2	1.2	ug/L	U
000299	Oxygen, Dissolved	N	E84282	360.1	3/22/2005 8:03:00AM	0.4		mg/L	
001002	Arsenic	N	E84282	200.7 Rev 4.4	3/31/2005 8:58:00AM	3.9	3.8	ug/L	I
034546	trans-1,2-Dichloroethene	N	E84282	8260B	3/30/2005 3:14:00AM	0.44	0.44	ug/L	U
078133	methyl isobutyl ketone	N	E84282	8260B	3/30/2005 3:14:00AM	3.8	3.8	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	3/31/2005 8:58:00AM	110	1.2	ug/L	
077128	Styrene	N	E84282	8260B	3/30/2005 3:14:00AM	0.98	0.98	ug/L	U
034010	Toluene	N	E84282	8260B	3/30/2005 3:14:00AM	0.51	0.51	ug/L	U

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

Printed: 4/27/2005

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Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 17196
WACS Testsite Name: MWB19D
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-III/F)

Sample Date/Time: 3/22/2005 8:03:00AM
Sampling Method: our Composite - (Surface Water)
Permitted
Well Type: CO

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (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
001147	Selenium	N	E84282	200.7 Rev 4.4	3/31/2005 8:58:00AM	4.8	4.8	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	3/31/2005 8:58:00AM	6.9	1.7	ug/L	I
001067	Nickel	N	E84282	200.7 Rev 4.4	3/31/2005 8:58:00AM	4.7	4.7	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	3/30/2005 3:14:00AM	1	1	ug/L	U
046361	Methylene bromide	N	E84282	8260B	3/30/2005 3:14:00AM	0.41	0.41	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	3/30/2005 3:14:00AM	0.34	0.34	ug/L	U
001012	Beryllium	N	E84282	200.7 Rev 4.4	3/31/2005 8:58:00AM	0.4	0.74	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	3/31/2005 8:58:00AM	0.71	0.71	ug/L	U
001037	Cobalt	N	E84282	200.7 Rev 4.4	3/31/2005 8:58:00AM	1.4	1.4	ug/L	U
074010	Iron	N	E84282	200.7 Rev 4.4	3/31/2005 8:58:00AM	3.9	0.037	mg/L	
001042	Copper	N	E84282	200.7 Rev 4.4	3/31/2005 8:58:00AM	1.6	1.3	ug/L	I
034418	Chloromethane	N	E84282	8260B	3/30/2005 3:14:00AM	0.64	0.64	ug/L	U
082079	Turbidity	N	E84282	180.1	3/22/2005 8:03:00AM	23.6		NTU	
034496	1,1-Dichloroethane	N	E84282	8260B	3/30/2005 3:14:00AM	0.52	0.52	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	3/30/2005 3:14:00AM	0.5	0.5	ug/L	U
001087	Vanadium	N	E84282	200.7 Rev 4.4	3/31/2005 8:58:00AM	10	2.5	ug/L	
000929	Sodium	N	E84282	200.7 Rev 4.4	3/31/2005 8:58:00AM	4.4	0.15	mg/L	
081595	Methyl Ethyl Ketone	N	E84282	8260B	3/30/2005 3:14:00AM	8.4	8.4	ug/L	U
001097	Antimony	N	E84282	200.7 Rev 4.4	3/31/2005 8:58:00AM	2.9	2.9	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	3/30/2005 3:14:00AM	0.58	0.58	ug/L	U
000610	Ammonia	N	E84282	350.1	3/31/2005 4:40:00PM	0.09	0.04	mg/L	
000940	Chloride	N	E84282	325.2	3/30/2005 5:30:00PM	5.2	0.9	mg/L	
081551	Xylenes, Total	N	E84282	8260B	3/30/2005 3:14:00AM	0.98	0.98	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	3/31/2005 8:58:00AM	5.9	5.9	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	3/30/2005 3:14:00AM	1.5	1.5	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	3/30/2005 3:14:00AM	0.98	0.98	ug/L	U
039180	Trichloroethene	N	E84282	8260B	3/30/2005 3:14:00AM	0.28	0.28	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/30/2005 3:14:00AM	2.5	2.5	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	3/30/2005 3:14:00AM	0.34	0.34	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	3/30/2005 3:14:00AM	0.14	0.14	ug/L	U
032106	Chloroform	N	E84282	8260B	3/30/2005 3:14:00AM	0.9	0.9	ug/L	U

Total Parameters Monitored: 75

Facility Name: SEMI-ANNUAL PHASE I/TRAIL RIDGE

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-III-F)

Sample Date/Time: 3/22/2005 9:45:00AM
Sampling Method: our Composite - (Surface Wa
Permitted
Well Type: CO

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (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
034301	Chlorobenzene	N	E84282	8260B	3/30/2005 5:15:00AM	0.63	0.63	ug/L	U
034501	1,1-Dichloroethylene	N	E84282	8260B	3/30/2005 5:15:00AM	0.45	0.45	ug/L	U
032104	Bromoform	N	E84282	8260B	3/30/2005 5:15:00AM	0.58	0.58	ug/L	U
034413	Bromomethane	N	E84282	8260B	3/30/2005 5:15:00AM	0.66	0.66	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	3/30/2005 5:15:00AM	0.85	0.85	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	3/30/2005 5:15:00AM	0.42	0.42	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	3/30/2005 5:15:00AM	0.52	0.52	ug/L	U
082079	Turbidity	N	E84282	180.1	3/22/2005 9:45:00AM	1.2		NTU	
032106	Chloroform	N	E84282	8260B	3/30/2005 5:15:00AM	0.9	0.9	ug/L	U
082545	Water Level	N	E84282	FIELD	3/22/2005 9:45:00AM	113		ft	
077093	cis-1,2-Dichloroethene	N	E84282	8260B	3/30/2005 5:15:00AM	0.65	0.65	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	3/30/2005 5:15:00AM	0.14	0.14	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	3/30/2005 5:15:00AM	0.34	0.34	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/30/2005 5:15:00AM	2.5	2.5	ug/L	U
039180	Trichloroethene	N	E84282	8260B	3/30/2005 5:15:00AM	0.28	0.28	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	3/30/2005 5:15:00AM	1.5	1.5	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	3/30/2005 5:15:00AM	0.98	0.98	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	3/31/2005 9:45:00AM	4.7	4.7	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	3/30/2005 5:15:00AM	0.58	0.58	ug/L	U
001087	Vanadium	N	E84282	200.7 Rev 4.4	3/31/2005 9:45:00AM	2.5	2.5	ug/L	U
001051	Lead	N	E84282	200.7 Rev 4.4	3/31/2005 9:45:00AM	1.5	1.5	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	3/30/2005 5:15:00AM	0.98	0.98	ug/L	U
071900	Mercury	N	E84282	245.1	3/29/2005 4:59:00PM	0.072	0.072	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	3/31/2005 9:45:00AM	5.9	5.9	ug/L	U
000929	Sodium	N	E84282	200.7 Rev 4.4	3/31/2005 9:45:00AM	5.5	0.15	mg/L	
001012	Beryllium	N	E84282	200.7 Rev 4.4	3/31/2005 9:45:00AM	0.74	0.74	ug/L	U
001147	Selenium	N	E84282	200.7 Rev 4.4	3/31/2005 9:45:00AM	4.8	4.8	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	3/30/2005 5:15:00AM	0.47	0.47	ug/L	U
001059	Thallium	N	E87052	200.8	4/1/2005 10:40:00PM	0.2	0.2	ug/L	U
074010	Iron	N	E84282	200.7 Rev 4.4	3/31/2005 9:45:00AM	0.43	0.037	mg/L	
034418	Chloromethane	N	E84282	8260B	3/30/2005 5:15:00AM	0.64	0.64	ug/L	U
000299	Oxygen, Dissolved	N	E84282	360.1	3/22/2005 9:45:00AM	1.1		mg/L	
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/30/2005 1:41:00AM	0.0032	0.0032	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/30/2005 5:15:00AM	0.63	0.63	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	3/30/2005 5:15:00AM	0.46	0.46	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/30/2005 5:15:00AM	0.14	0.14	ug/L	U
001077	Silver	N	E84282	200.7 Rev 4.4	3/31/2005 9:45:00AM	1.9	1.9	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	3/30/2005 5:15:00AM	0.44	0.44	ug/L	U
077103	2-Hexanone	N	E84282	8260B	3/30/2005 5:15:00AM	4.4	4.4	ug/L	U
034010	Toluene	N	E84282	8260B	3/30/2005 5:15:00AM	0.51	0.51	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	3/30/2005 5:15:00AM	0.44	0.44	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	3/30/2005 5:15:00AM	0.14	0.14	ug/L	U
001002	Arsenic	N	E84282	200.7 Rev 4.4	3/31/2005 9:45:00AM	3.8	3.8	ug/L	U
078133	methyl isobutyl ketone	N	E84282	8260B	3/30/2005 5:15:00AM	3.8	3.8	ug/L	U

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

Printed: 4/27/2005

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Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 17199
WACS Testsite Name: MWB20S
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIIF)

Sample Date/Time: 3/22/2005 9:45:00AM
Sampling Method: our Composite - (Surface Water)
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
000094	Specific Conductance	N	E84282	120.1	3/22/2005 9:45:00AM	129		umhos/cm	
077128	Styrene	N	E84282	8260B	3/30/2005 5:15:00AM	0.98	0.98	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	3/30/2005 5:15:00AM	0.57	0.57	ug/L	U
046361	Methylene bromide	N	E84282	8260B	3/30/2005 5:15:00AM	0.41	0.41	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	3/30/2005 5:15:00AM	0.15	0.15	ug/L	U
000010	Temperature	N	E84282	170.1	3/22/2005 9:45:00AM	25.2		Degrees C	
000403	pH	N	E84282	150.1	4/8/2005 9:45:00AM	4.27		SU	
001007	Barium	N	E84282	200.7 Rev 4.4	3/31/2005 9:45:00AM	30	1.2	ug/L	
000940	Chloride	N	E84282	325.2	3/30/2005 5:30:00PM	9.5	0.9	mg/L	
034371	Ethylbenzene	N	E84282	8260B	3/30/2005 5:15:00AM	0.83	0.83	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	3/30/2005 5:15:00AM	0.52	0.52	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	3/30/2005 5:15:00AM	0.52	0.52	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	3/30/2005 5:15:00AM	0.35	0.35	ug/L	U
000515	Total Dissolved Solids	N	E84282	160.1	3/28/2005 12:00:00PM	52	5	mg/L	
000610	Ammonia	N	E84282	350.1	3/31/2005 4:40:00PM	0.69	0.04	mg/L	
000620	Nitrogen, Nitrate	N	E84282	353.2	3/24/2005 7:44:00AM	0.01	0.01	mg/L	U
001097	Antimony	N	E84282	200.7 Rev 4.4	3/31/2005 9:45:00AM	2.9	2.9	ug/L	U
034311	Chloroethane	N	E84282	8260B	3/30/2005 5:15:00AM	0.8	0.8	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	3/30/2005 5:15:00AM	1	1	ug/L	U
081552	Acetone	N	E84282	8260B	3/30/2005 5:15:00AM	9.9	9.9	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	3/30/2005 5:15:00AM	0.34	0.34	ug/L	U
034030	Benzene	N	E84282	8260B	3/30/2005 5:15:00AM	0.27	0.27	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	3/30/2005 5:15:00AM	0.5	0.5	ug/L	U
046369	Ethylene Dibromide	N	E84282	504.1	3/30/2005 1:41:00AM	0.0094	0.0094	ug/L	U
001042	Copper	N	E84282	200.7 Rev 4.4	3/31/2005 9:45:00AM	1.3	1.3	ug/L	U
001037	Cobalt	N	E84282	200.7 Rev 4.4	3/31/2005 9:45:00AM	1.4	1.4	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	3/31/2005 9:45:00AM	1.7	1.7	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	3/31/2005 9:45:00AM	0.71	0.71	ug/L	U
077424	Iodomethane	N	E84282	8260B	3/30/2005 5:15:00AM	0.67	0.67	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	3/30/2005 5:15:00AM	8.4	8.4	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	3/30/2005 5:15:00AM	1.2	1.2	ug/L	U

Total Parameters Monitored: 75

Facility Name: SEMI-ANNUAL PHASE I/TRAIL RIDGE

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-III/F)

Sample Date/Time: 3/22/2005 10:51:00AM
Sampling Method: our Composite - (Surface Wa
Permitted
Well Type: CO

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (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
000620	Nitrogen, Nitrate	N	E84282	353.2	3/24/2005 7:44:00AM	0.01	0.01	mg/L	U
001097	Antimony	N	E84282	200.7 Rev 4.4	3/31/2005 10:42:00AM	0.0029	2.9	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	3/31/2005 10:42:00AM	0.0059	1.2	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	3/30/2005 6:50:00AM	0.52	0.52	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	3/30/2005 6:50:00AM	0.98	0.98	ug/L	U
000929	Sodium	N	E84282	200.7 Rev 4.4	3/31/2005 10:42:00AM	2.4	0.15	mg/L	U
001059	Thallium	N	E87052	200.8	4/1/2005 11:09:00PM	0.2	0.2	ug/L	U
071900	Mercury	N	E84282	245.1	3/29/2005 5:12:00PM	0.000072	0.072	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	3/31/2005 10:42:00AM	0.0059	5.9	ug/L	U
001002	Arsenic	N	E84282	200.7 Rev 4.4	3/31/2005 10:42:00AM	0.0038	3.8	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	3/30/2005 6:50:00AM	0.14	0.14	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	3/30/2005 6:50:00AM	0.5	0.5	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	3/30/2005 6:50:00AM	1.5	1.5	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	3/30/2005 6:50:00AM	0.98	0.98	ug/L	U
000515	Total Dissolved Solids	N	E84282	160.1	3/28/2005 12:00:00PM	12	5	mg/L	U
034301	Chlorobenzene	N	E84282	8260B	3/30/2005 6:50:00AM	0.63	0.63	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	3/30/2005 6:50:00AM	0.83	0.83	ug/L	U
077424	Iodomethane	N	E84282	8260B	3/30/2005 6:50:00AM	0.67	0.67	ug/L	U
000940	Chloride	N	E84282	325.2	3/30/2005 5:30:00PM	6.9	0.9	mg/L	U
034311	Chloroethane	N	E84282	8260B	3/30/2005 6:50:00AM	0.8	0.8	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	3/30/2005 6:50:00AM	0.34	0.34	ug/L	U
039180	Trichloroethene	N	E84282	8260B	3/30/2005 6:50:00AM	0.28	0.28	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	3/30/2005 6:50:00AM	0.47	0.47	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/30/2005 5:12:00AM	0.003	0.003	ug/L	U
034501	1,1-Dichloroethylene	N	E84282	8260B	3/30/2005 6:50:00AM	0.45	0.45	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/30/2005 6:50:00AM	0.14	0.14	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	3/30/2005 6:50:00AM	0.44	0.44	ug/L	U
032106	Chloroform	N	E84282	8260B	3/30/2005 6:50:00AM	0.9	0.9	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	3/30/2005 6:50:00AM	0.42	0.42	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	3/30/2005 6:50:00AM	0.15	0.15	ug/L	U
034418	Chloromethane	N	E84282	8260B	3/30/2005 6:50:00AM	0.64	0.64	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	3/30/2005 6:50:00AM	0.52	0.52	ug/L	U
046369	Ethylene Dibromide	N	E84282	504.1	3/30/2005 5:12:00AM	0.0087	0.0087	ug/L	U
001087	Vanadium	N	E84282	200.7 Rev 4.4	3/31/2005 10:42:00AM	0.013	2.5	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	3/30/2005 6:50:00AM	0.46	0.46	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	3/30/2005 6:50:00AM	0.65	0.65	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/30/2005 6:50:00AM	0.63	0.63	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	3/30/2005 6:50:00AM	0.85	0.85	ug/L	U
032104	Bromoform	N	E84282	8260B	3/30/2005 6:50:00AM	0.58	0.58	ug/L	U
000403	pH	N	E84282	150.1	3/22/2005 11:41:00AM	4.97		SU	
000094	Specific Conductance	N	E84282	120.1	3/22/2005 11:41:00AM	52		umhos/cm	
082079	Turbidity	N	E84282	180.1	3/22/2005 11:41:00AM	8.1		NTU	
000299	Oxygen, Dissolved	N	E84282	360.1	3/22/2005 11:41:00AM	1.3		mg/L	
082545	Water Level	N	E84282	FIELD	3/22/2005 11:41:00AM	112		ft	

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

Printed: 4/27/2005

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Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 17200
WACS Testsite Name: MWB21S
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-III)

Sample Date/Time: 3/22/2005 10:51:00AM
Sampling Method: our Composite - (Surface Water)
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
074010	Iron	N	E84282	200.7 Rev 4.4	3/31/2005 10:42:00AM	0.13	0.037	mg/L	
034541	1,2-Dichloropropane	N	E84282	8260B	3/30/2005 6:50:00AM	0.52	0.52	ug/L	U
000010	Temperature	N	E84282	170.1	3/22/2005 11:41:00AM	21.1		Degrees C	
034413	Bromomethane	N	E84282	8260B	3/30/2005 6:50:00AM	0.66	0.66	ug/L	U
034030	Benzene	N	E84282	8260B	3/30/2005 6:50:00AM	0.27	0.27	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	3/30/2005 6:50:00AM	0.35	0.35	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	3/30/2005 6:50:00AM	0.58	0.58	ug/L	U
078133	methyl isobutyl ketone	N	E84282	8260B	3/30/2005 6:50:00AM	3.8	3.8	ug/L	U
046361	Methylene bromide	N	E84282	8260B	3/30/2005 6:50:00AM	0.41	0.41	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	3/30/2005 6:50:00AM	0.57	0.57	ug/L	U
000610	Ammonia	N	E84282	350.1	3/31/2005 4:40:00PM	0.055	0.04	mg/L	
077103	2-Hexanone	N	E84282	8260B	3/30/2005 6:50:00AM	4.4	4.4	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	3/31/2005 10:42:00AM	0.0047	4.7	ug/L	U
034010	Toluene	N	E84282	8260B	3/30/2005 6:50:00AM	0.51	0.51	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	3/31/2005 10:42:00AM	0.00071	0.71	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	3/30/2005 6:50:00AM	1	1	ug/L	U
081552	Acetone	N	E84282	8260B	3/30/2005 6:50:00AM	9.9	9.9	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	3/30/2005 6:50:00AM	1.2	1.2	ug/L	U
077128	Styrene	N	E84282	8260B	3/30/2005 6:50:00AM	0.98	0.98	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	3/30/2005 6:50:00AM	0.34	0.34	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	3/30/2005 6:50:00AM	0.44	0.44	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	3/30/2005 6:50:00AM	0.14	0.14	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/30/2005 6:50:00AM	2.5	2.5	ug/L	U
001012	Beryllium	N	E84282	200.7 Rev 4.4	3/31/2005 10:42:00AM	0.00074	0.74	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	3/30/2005 6:50:00AM	8.4	8.4	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	3/31/2005 10:42:00AM	0.0024	1.7	ug/L	I
001037	Cobalt	N	E84282	200.7 Rev 4.4	3/31/2005 10:42:00AM	0.0014	1.4	ug/L	U
001147	Selenium	N	E84282	200.7 Rev 4.4	3/31/2005 10:42:00AM	0.0048	4.8	ug/L	U
001042	Copper	N	E84282	200.7 Rev 4.4	3/31/2005 10:42:00AM	0.0013	1.3	ug/L	U
001077	Silver	N	E84282	200.7 Rev 4.4	3/31/2005 10:42:00AM	0.0019	1.9	ug/L	U
001051	Lead	N	E84282	200.7 Rev 4.4	3/31/2005 10:42:00AM	0.0015	1.5	ug/L	U

Total Parameters Monitored: 75

Facility Name: SEMI-ANNUAL PHASE I/TRAIL RIDGE

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-III)

Sample Date/Time: 3/22/2005 12:53:00PM
 Sampling Method: our Composite - (Surface Water)
 Permitted
 Well Type: CO

(AS) Assessment (IW) Irrigation Well
 (BG) Background (OT) Other
 (CO) Compliance (PZ) Piezometer
 (DE) Detection (SO) Source
 (DG) Downgradient (UP) Upgradient
 (IM) Intermediate (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
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/30/2005 8:26:00AM	0.14	0.14	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	3/30/2005 8:26:00AM	0.46	0.46	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/30/2005 8:26:00AM	0.63	0.63	ug/L	U
046369	Ethylene Dibromide	N	E84282	504.1	3/30/2005 5:33:00AM	0.0092	0.0092	ug/L	U
000940	Chloride	N	E84282	325.2	3/30/2005 5:30:00PM	13	0.9	mg/L	
034536	1,2-Dichlorobenzene	N	E84282	8260B	3/30/2005 8:26:00AM	0.44	0.44	ug/L	U
001059	Thallium	N	E87052	200.8	4/2/2005 12:07:00AM	0.2	0.2	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	3/31/2005 10:48:00AM	5.9	5.9	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	3/30/2005 8:26:00AM	0.57	0.57	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	3/30/2005 8:26:00AM	0.47	0.47	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	3/30/2005 8:26:00AM	0.52	0.52	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	3/30/2005 8:26:00AM	0.83	0.83	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	3/30/2005 8:26:00AM	1.5	1.5	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	3/30/2005 8:26:00AM	0.42	0.42	ug/L	U
071900	Mercury	N	E84282	245.1	3/29/2005 5:20:00PM	0.072	0.072	ug/L	U
001097	Antimony	N	E84282	200.7 Rev 4.4	3/31/2005 10:48:00AM	2.9	2.9	ug/L	U
034311	Chloroethane	N	E84282	8260B	3/30/2005 8:26:00AM	0.8	0.8	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	3/30/2005 8:26:00AM	0.63	0.63	ug/L	U
034501	1,1-Dichloroethylene	N	E84282	8260B	3/30/2005 8:26:00AM	0.45	0.45	ug/L	U
001002	Arsenic	N	E84282	200.7 Rev 4.4	3/31/2005 10:48:00AM	3.8	3.8	ug/L	U
032106	Chloroform	N	E84282	8260B	3/30/2005 8:26:00AM	0.9	0.9	ug/L	U
082079	Turbidity	N	E84282	180.1	3/22/2005 12:53:00PM	16.3		NTU	
081551	Xylenes, Total	N	E84282	8260B	3/30/2005 8:26:00AM	0.98	0.98	ug/L	U
000515	Total Dissolved Solids	N	E84282	160.1	3/28/2005 12:00:00PM	98	5	mg/L	
032105	Dibromochloromethane	N	E84282	8260B	3/30/2005 8:26:00AM	0.34	0.34	ug/L	U
000610	Ammonia	N	E84282	350.1	3/31/2005 4:40:00PM	0.16	0.04	mg/L	
001051	Lead	N	E84282	200.7 Rev 4.4	3/31/2005 10:48:00AM	1.5	1.5	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	3/31/2005 10:48:00AM	8.1	1.2	ug/L	I
081595	Methyl Ethyl Ketone	N	E84282	8260B	3/30/2005 8:26:00AM	8.4	8.4	ug/L	U
000620	Nitrogen, Nitrate	N	E84282	353.2	3/24/2005 7:44:00AM	0.01	0.01	mg/L	U
039175	Vinyl chloride	N	E84282	8260B	3/30/2005 8:26:00AM	0.5	0.5	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	3/31/2005 10:48:00AM	4.7	4.7	ug/L	U
001147	Selenium	N	E84282	200.7 Rev 4.4	3/31/2005 10:48:00AM	4.8	4.8	ug/L	U
001077	Silver	N	E84282	200.7 Rev 4.4	3/31/2005 10:48:00AM	1.9	1.9	ug/L	U
000929	Sodium	N	E84282	200.7 Rev 4.4	3/31/2005 10:48:00AM	8	0.15	mg/L	
001087	Vanadium	N	E84282	200.7 Rev 4.4	3/31/2005 10:48:00AM	2.5	2.5	ug/L	U
001012	Beryllium	N	E84282	200.7 Rev 4.4	3/31/2005 10:48:00AM	0.74	0.74	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	3/30/2005 8:26:00AM	0.14	0.14	ug/L	U
046361	Methylene bromide	N	E84282	8260B	3/30/2005 8:26:00AM	0.41	0.41	ug/L	U
034010	Toluene	N	E84282	8260B	3/30/2005 8:26:00AM	0.51	0.51	ug/L	U
000010	Temperature	N	E84282	170.1	3/22/2005 12:53:00PM	18.8		Degrees C	
001027	Cadmium	N	E84282	200.7 Rev 4.4	3/31/2005 10:48:00AM	0.71	0.71	ug/L	U
077424	Iodomethane	N	E84282	8260B	3/30/2005 8:26:00AM	0.67	0.67	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	3/31/2005 10:48:00AM	1.7	1.7	ug/L	U

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

Printed: 4/27/2005

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Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 17201
WACS Testsite Name: MWB22S
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-III)

Sample Date/Time: 3/22/2005 12:53:00PM
Sampling Method: our Composite - (Surface Water)
Permitted Well Type: CO

(AS) Assessment
(BG) Background
(CO) Compliance
(DE) Detection
(DG) Downgradient
(IM) Intermediate
(W) Irrigation Well
(OT) Other
(PZ) Piezometer
(SO) Source
(UP) Upgradient
(W) 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
074010	Iron	N	E84282	200.7 Rev 4.4	3/31/2005 10:48:00AM	0.2	0.037	mg/L	
034475	Tetrachloroethene	N	E84282	8260B	3/30/2005 8:26:00AM	0.34	0.34	ug/L	U
034418	Chloromethane	N	E84282	8260B	3/30/2005 8:26:00AM	0.64	0.64	ug/L	U
000299	Oxygen, Dissolved	N	E84282	360.1	3/22/2005 12:53:00PM	1.6		mg/L	
034546	trans-1,2-Dichloroethene	N	E84282	8260B	3/30/2005 8:26:00AM	0.44	0.44	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	3/30/2005 8:26:00AM	0.14	0.14	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/30/2005 8:26:00AM	2.5	2.5	ug/L	U
039180	Trichloroethene	N	E84282	8260B	3/30/2005 8:26:00AM	0.28	0.28	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	3/30/2005 8:26:00AM	0.98	0.98	ug/L	U
000094	Specific Conductance	N	E84282	120.1	3/22/2005 12:53:00PM	188		umhos/cm	
082545	Water Level	N	E84282	FIELD	3/22/2005 12:53:00PM	115		ft	
000403	pH	N	E84282	150.1	3/22/2005 12:53:00PM	5.69		SU	
034030	Benzene	N	E84282	8260B	3/30/2005 8:26:00AM	0.27	0.27	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	3/30/2005 8:26:00AM	0.65	0.65	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	3/30/2005 8:26:00AM	0.15	0.15	ug/L	U
077128	Styrene	N	E84282	8260B	3/30/2005 8:26:00AM	0.98	0.98	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	3/30/2005 8:26:00AM	0.52	0.52	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	3/30/2005 8:26:00AM	0.52	0.52	ug/L	U
077103	2-Hexanone	N	E84282	8260B	3/30/2005 8:26:00AM	4.4	4.4	ug/L	U
001042	Copper	N	E84282	200.7 Rev 4.4	3/31/2005 10:48:00AM	1.3	1.3	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	3/30/2005 8:26:00AM	1.2	1.2	ug/L	U
001037	Cobalt	N	E84282	200.7 Rev 4.4	3/31/2005 10:48:00AM	1.4	1.4	ug/L	U
034413	Bromomethane	N	E84282	8260B	3/30/2005 8:26:00AM	0.66	0.66	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	3/30/2005 8:26:00AM	1	1	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	3/30/2005 8:26:00AM	0.35	0.35	ug/L	U
032104	Bromoform	N	E84282	8260B	3/30/2005 8:26:00AM	0.58	0.58	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/30/2005 5:33:00AM	0.0032	0.0032	ug/L	U
078133	methyl isobutyl ketone	N	E84282	8260B	3/30/2005 8:26:00AM	3.8	3.8	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	3/30/2005 8:26:00AM	0.58	0.58	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	3/30/2005 8:26:00AM	0.85	0.85	ug/L	U
081552	Acetone	N	E84282	8260B	3/30/2005 8:26:00AM	9.9	9.9	ug/L	U

Total Parameters Monitored: 75

Facility Name: TRAIL RIDGE/SEMI-ANNUAL PHASE V

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

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

WACS Facility ID #: 33628

Sample Date/Time: 3/23/2005 8:07:00AM

WACS Testsite ID #: 17207

Sampling Method: Unknown

WACS Testsite Name: MWB27S

Permitted

Water Classification:

G-II

Well Type: CO

(i.e.: LC - Leachate, G-II, SW-IIIIF)

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (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	120.1	3/23/2005 8:07:00AM	87		umhos/cm	
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	4/1/2005 12:36:00AM	0.14	0.14	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	4/1/2005 12:36:00AM	0.15	0.15	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	4/1/2005 12:36:00AM	0.63	0.63	ug/L	U
046369	Ethylene Dibromide	N	E84282	504.1	3/31/2005 1:56:00AM	0.009	0.009	ug/L	U
082545	Water Level	N	E84282	Water Level	3/23/2005 8:07:00AM	122		ft	
077103	2-Hexanone	N	E84282	8260B	4/1/2005 12:36:00AM	4.4	4.4	ug/L	U
000299	Oxygen, Dissolved	N	E84282	360.1	3/23/2005 8:07:00AM	1		mg/L	
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/31/2005 1:56:00AM	0.0031	0.0031	ug/L	U
034501	1,1-Dichloroethylene	N	E84282	8260B	4/1/2005 12:36:00AM	0.45	0.45	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	4/1/2005 12:36:00AM	0.44	0.44	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	4/1/2005 12:36:00AM	0.57	0.57	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	4/1/2005 12:36:00AM	0.52	0.52	ug/L	U
081552	Acetone	N	E84282	8260B	4/1/2005 12:36:00AM	9.9	9.9	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	4/1/2005 12:36:00AM	1.2	1.2	ug/L	U
082079	Turbidity	N	E84282	180.1	3/23/2005 7:49:00AM	6.2		NTU	
034010	Toluene	N	E84282	8260B	4/1/2005 12:36:00AM	0.51	0.51	ug/L	U
034030	Benzene	N	E84282	8260B	4/1/2005 12:36:00AM	0.27	0.27	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	4/1/2005 12:36:00AM	0.52	0.52	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	4/1/2005 12:36:00AM	2.5	2.5	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	4/1/2005 12:36:00AM	0.58	0.58	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	4/1/2005 12:36:00AM	0.35	0.35	ug/L	U
032104	Bromoform	N	E84282	8260B	4/1/2005 12:36:00AM	0.58	0.58	ug/L	U
034413	Bromomethane	N	E84282	8260B	4/1/2005 12:36:00AM	0.66	0.66	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	4/1/2005 12:36:00AM	0.85	0.85	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	4/1/2005 12:36:00AM	0.42	0.42	ug/L	U
034311	Chloroethane	N	E84282	8260B	4/1/2005 12:36:00AM	0.8	0.8	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	4/1/2005 12:36:00AM	0.52	0.52	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	4/1/2005 12:36:00AM	0.14	0.14	ug/L	U
000010	Temperature	N	E84282	170.1	3/23/2005 8:07:00AM	17.9		Degrees C	
034506	1,1,1-Trichloroethane	N	E84282	8260B	4/1/2005 12:36:00AM	0.46	0.46	ug/L	U
039180	Trichloroethene	N	E84282	8260B	4/1/2005 12:36:00AM	0.28	0.28	ug/L	U
074010	Iron	N	E84282	200.7 Rev 4.4	4/1/2005 7:36:00AM	0.077	0.037	mg/L	
034546	trans-1,2-Dichloroethene	N	E84282	8260B	4/1/2005 12:36:00AM	0.44	0.44	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	4/1/2005 12:36:00AM	0.47	0.47	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	4/1/2005 12:36:00AM	0.98	0.98	ug/L	U
032106	Chloroform	N	E84282	8260B	4/1/2005 12:36:00AM	0.9	0.9	ug/L	U
000403	pH	N	E84282	150.1	3/23/2005 8:07:00AM	4.56		SU	
034418	Chloromethane	N	E84282	8260B	4/1/2005 12:36:00AM	0.64	0.64	ug/L	U
001042	Copper	N	E84282	200.7 Rev 4.4	4/1/2005 7:36:00AM	1.3	1.3	ug/L	U
001051	Lead	N	E84282	200.7 Rev 4.4	4/1/2005 7:36:00AM	1.5	1.5	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	4/1/2005 12:36:00AM	0.98	0.98	ug/L	U
001002	Arsenic	N	E84282	200.7 Rev 4.4	4/1/2005 7:36:00AM	3.8	3.8	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	4/1/2005 12:36:00AM	0.34	0.34	ug/L	U

* 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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WACS Facility ID #: 33628
WACS Testsite ID #: 17207
WACS Testsite Name: MWB27S
Water Classification: G-II
(i.e., LC - Leachate, G-II, SW-IIIIF)

Sample Date/Time: 3/23/2005 8:07:00AM
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 # (DOHS)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
039175	Vinyl chloride	N	E84282	8260B	4/1/2005 12:36:00AM	0.5	0.5	ug/L	U
000940	Chloride	N	E84282	325.3	4/4/2005 8:00:00PM	5	1	mg/L	
001067	Nickel	N	E84282	200.7 Rev 4.4	4/1/2005 7:36:00AM	4.7	4.7	ug/L	U
000630	Nitrate Nitrite Nitrogen	N	E84282	353.2	3/25/2005 11:15:00AM	1.4	0.01	mg/L	
077093	cis-1,2-Dichloroethene	N	E84282	8260B	4/1/2005 12:36:00AM	0.65	0.65	ug/L	U
001147	Selenium	N	E84282	200.7 Rev 4.4	4/1/2005 7:36:00AM	4.8	4.8	ug/L	U
071900	Mercury	N	E84282	245.1	3/31/2005 4:05:00PM	0.072	0.072	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	4/1/2005 7:36:00AM	5.9	5.9	ug/L	U
001087	Vanadium	N	E84282	200.7 Rev 4.4	4/1/2005 7:36:00AM	6	2.5	ug/L	I
000929	Sodium	N	E84282	200.7 Rev 4.4	4/1/2005 7:36:00AM	4.6	0.15	mg/L	
001077	Silver	N	E84282	200.7 Rev 4.4	4/1/2005 7:36:00AM	1.9	1.9	ug/L	U
001097	Antimony	N	E84282	200.7 Rev 4.4	4/1/2005 7:36:00AM	2.9	2.9	ug/L	U
000515	Total Dissolved Solids	N	E84282	160.1	4/22/2005 1:30:00PM	72	5	mg/L	
001059	Thallium	N	E84282	200.8	4/1/2005 5:21:00PM	0.2	0.2	ug/L	U
000610	Ammonia	N	E84282	350.1	4/1/2005 4:30:00PM	0.04	0.04	mg/L	U
077424	Iodomethane	N	E84282	8260B	4/1/2005 12:36:00AM	0.67	0.67	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	4/1/2005 12:36:00AM	8.4	8.4	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	4/1/2005 12:36:00AM	0.14	0.14	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	4/1/2005 12:36:00AM	1.5	1.5	ug/L	U
046361	Methylene bromide	N	E84282	8260B	4/1/2005 12:36:00AM	0.41	0.41	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	4/1/2005 12:36:00AM	1	1	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	4/1/2005 12:36:00AM	0.34	0.34	ug/L	U
078133	methyl isobutyl ketone	N	E84282	8260B	4/1/2005 12:36:00AM	3.8	3.8	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	4/1/2005 12:36:00AM	0.83	0.83	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	4/1/2005 7:36:00AM	0.71	0.71	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	4/1/2005 12:36:00AM	0.63	0.63	ug/L	U
001037	Cobalt	N	E84282	200.7 Rev 4.4	4/1/2005 7:36:00AM	1.4	1.4	ug/L	U
077128	Styrene	N	E84282	8260B	4/1/2005 12:36:00AM	0.98	0.98	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	4/1/2005 7:36:00AM	1.7	1.7	ug/L	U
001012	Beryllium	N	E84282	200.7 Rev 4.4	4/1/2005 7:36:00AM	0.74	0.74	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	4/1/2005 7:36:00AM	18	1.2	ug/L	
000615	Nitrite Nitrogen	N	E84282	353.2	3/25/2005 11:15:00AM	0.01	0.01	mg/L	U
000620	Nitrate Nitrogen	N	E84282	353.2	3/25/2005 11:15:00AM	1.4	0.01	mg/L	

Total Parameters Monitored: 77

* 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/SEMI-ANNUAL PHASE V

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: MWB271
 Water Classification: G-II
 (i.e.: LC - Leachate, G-II, SW-III(F))

Sample Date/Time: 3/23/2005 7:49:00AM
 Sampling Method: Unknown
 Permitted
 Well Type: CO

(AS) Assessment (IW) Irrigation Well
 (BG) Background (OT) Other
 (CO) Compliance (PZ) Piezometer
 (DE) Detection (SO) Source
 (DG) Downgradient (UP) Upgradient
 (IM) Intermediate (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
001037	Cobalt	N	E84282	200.7 Rev 4.4	4/1/2005 7:19:00AM	1.4	1.4	ug/L	U
078133	methyl isobutyl ketone	N	E84282	8260B	4/1/2005 12:17:00AM	3.8	3.8	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	4/1/2005 12:17:00AM	8.4	8.4	ug/L	U
077424	Iodomethane	N	E84282	8260B	4/1/2005 12:17:00AM	0.67	0.67	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	4/1/2005 12:17:00AM	0.83	0.83	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	4/1/2005 12:17:00AM	0.34	0.34	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	4/1/2005 12:17:00AM	0.14	0.14	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	4/1/2005 12:17:00AM	0.65	0.65	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	4/1/2005 7:19:00AM	4.7	4.7	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	4/1/2005 12:17:00AM	0.34	0.34	ug/L	U
077128	Styrene	N	E84282	8260B	4/1/2005 12:17:00AM	0.98	0.98	ug/L	U
071900	Mercury	N	E84282	245.1	3/31/2005 4:03:00PM	0.072	0.072	ug/L	U
001059	Thallium	N	E84282	200.8	4/1/2005 4:59:00PM	0.62	0.2	ug/L	I
001092	Zinc	N	E84282	200.7 Rev 4.4	4/1/2005 7:19:00AM	5.9	5.9	ug/L	U
001087	Vanadium	N	E84282	200.7 Rev 4.4	4/1/2005 7:19:00AM	2.5	2.5	ug/L	U
000929	Sodium	N	E84282	200.7 Rev 4.4	4/1/2005 7:19:00AM	3.2	0.15	mg/L	
001077	Silver	N	E84282	200.7 Rev 4.4	4/1/2005 7:19:00AM	1.9	1.9	ug/L	U
001147	Selenium	N	E84282	200.7 Rev 4.4	4/1/2005 7:19:00AM	4.8	4.8	ug/L	U
034418	Chloromethane	N	E84282	8260B	4/1/2005 12:17:00AM	0.64	0.64	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	4/1/2005 12:17:00AM	1.5	1.5	ug/L	U
000010	Temperature	N	E84282	170.1	3/23/2005 7:49:00AM	20.6		Degrees C	
034571	1,4-Dichlorobenzene	N	E84282	8260B	4/1/2005 12:17:00AM	0.52	0.52	ug/L	U
000299	Oxygen, Dissolved	N	E84282	360.1	3/23/2005 7:49:00AM	0.9		mg/L	
000403	pH	N	E84282	150.1	3/23/2005 7:49:00AM	5.48		SU	
000094	Specific Conductance	N	E84282	120.1	3/23/2005 8:49:00AM	56		umhos/cm	
034423	Methylene Chloride	N	E84282	8260B	4/1/2005 12:17:00AM	1	1	ug/L	U
034311	Chloroethane	N	E84282	8260B	4/1/2005 12:17:00AM	0.8	0.8	ug/L	U
046361	Methylene bromide	N	E84282	8260B	4/1/2005 12:17:00AM	0.41	0.41	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	4/1/2005 12:17:00AM	0.5	0.5	ug/L	U
000610	Ammonia	N	E84282	350.1	4/1/2005 4:30:00PM	0.041	0.04	mg/L	I
034488	Trichlorofluoromethane	N	E84282	8260B	4/1/2005 12:17:00AM	0.98	0.98	ug/L	U
039180	Trichloroethene	N	E84282	8260B	4/1/2005 12:17:00AM	0.28	0.28	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	4/1/2005 12:17:00AM	2.5	2.5	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	4/1/2005 12:17:00AM	0.14	0.14	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	4/1/2005 12:17:00AM	0.44	0.44	ug/L	U
034010	Toluene	N	E84282	8260B	4/1/2005 12:17:00AM	0.51	0.51	ug/L	U
000940	Chloride	N	E84282	325.3	4/4/2005 8:00:00PM	4.5	1	mg/L	
082079	Turbidity	N	E84282	180.1	3/23/2005 7:49:00AM	13		NTU	
081551	Xylenes, Total	N	E84282	8260B	4/1/2005 12:17:00AM	0.98	0.98	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/31/2005 2:38:00AM	0.0031	0.0031	ug/L	U
034413	Bromomethane	N	E84282	8260B	4/1/2005 12:17:00AM	0.66	0.66	ug/L	U
032104	Bromoform	N	E84282	8260B	4/1/2005 12:17:00AM	0.58	0.58	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	4/1/2005 12:17:00AM	0.35	0.35	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	4/1/2005 12:17:00AM	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.

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WACS Facility ID #: 33628
WACS Testsite ID #: 17206
WACS Testsite Name: MWB271
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-III F)

Sample Date/Time: 3/23/2005 7:49:00AM
Sampling Method: Unknown
Permitted
Well Type: CO

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (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
034030	Benzene	N	E84282	8260B	4/1/2005 12:17:00AM	0.27	0.27	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	4/1/2005 12:17:00AM	1.2	1.2	ug/L	U
081552	Acetone	N	E84282	8260B	4/1/2005 12:17:00AM	9.9	9.9	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	4/1/2005 12:17:00AM	0.85	0.85	ug/L	U
082545	Water Level	N	E84282	Water Level	3/23/2005 7:49:00AM	122		ft	
034541	1,2-Dichloropropane	N	E84282	8260B	4/1/2005 12:17:00AM	0.52	0.52	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	4/1/2005 12:17:00AM	0.15	0.15	ug/L	U
034501	1,1-Dichloroethylene	N	E84282	8260B	4/1/2005 12:17:00AM	0.45	0.45	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	4/1/2005 12:17:00AM	0.63	0.63	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	4/1/2005 12:17:00AM	0.46	0.46	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	4/1/2005 12:17:00AM	0.14	0.14	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	4/1/2005 12:17:00AM	0.47	0.47	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	4/1/2005 12:17:00AM	0.52	0.52	ug/L	U
077103	2-Hexanone	N	E84282	8260B	4/1/2005 12:17:00AM	4.4	4.4	ug/L	U
001012	Beryllium	N	E84282	200.7 Rev 4.4	4/1/2005 7:19:00AM	0.74	0.74	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	4/1/2005 12:17:00AM	0.44	0.44	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	4/1/2005 12:17:00AM	0.42	0.42	ug/L	U
000515	Total Dissolved Solids	N	E84282	160.1	4/22/2005 1:30:00PM	56	5	mg/L	
001042	Copper	N	E84282	200.7 Rev 4.4	4/1/2005 7:19:00AM	1.3	1.3	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	4/1/2005 12:17:00AM	0.63	0.63	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	4/1/2005 7:19:00AM	0.71	0.71	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	4/1/2005 7:19:00AM	54	1.2	ug/L	
001051	Lead	N	E84282	200.7 Rev 4.4	4/1/2005 7:19:00AM	1.5	1.5	ug/L	U
074010	Iron	N	E84282	200.7 Rev 4.4	4/1/2005 7:19:00AM	0.48	0.037	mg/L	
034531	1,2-Dichloroethane	N	E84282	8260B	4/1/2005 12:17:00AM	0.57	0.57	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	4/1/2005 7:19:00AM	1.7	1.7	ug/L	U
032106	Chloroform	N	E84282	8260B	4/1/2005 12:17:00AM	0.9	0.9	ug/L	U
001002	Arsenic	N	E84282	200.7 Rev 4.4	4/1/2005 7:19:00AM	3.8	3.8	ug/L	U
000630	Nitrate Nitrite Nitrogen	N	E84282	353.2	3/25/2005 11:15:00AM	0.012	0.01	mg/L	I
000620	Nitrate Nitrogen	N	E84282	353.2	3/25/2005 11:15:00AM	0.012	0.01	mg/L	I
000615	Nitrite Nitrogen	N	E84282	353.2	3/25/2005 11:15:00AM	0.01	0.01	mg/L	U
001097	Antimony	N	E84282	200.7 Rev 4.4	4/1/2005 7:19:00AM	2.9	2.9	ug/L	U
046369	Ethylene Dibromide	N	E84282	504.1	3/31/2005 2:38:00AM	0.009	0.009	ug/L	U

Total Parameters Monitored: 77

* 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/SEMI-ANNUAL PHASE V

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-III(F))

Sample Date/Time: 3/23/2005 8:33:00AM
 Sampling Method: Unknown

Permitted
 Well Type: CO

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

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

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DO#E)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
000620	Nitrate Nitrogen	N	E84282	353.2	3/25/2005 11:15:00AM	0.048	0.01	mg/L	I
001007	Barium	N	E84282	200.7 Rev 4.4	4/1/2005 7:41:00AM	57	1.2	ug/L	
077057	Vinyl acetate	N	E84282	8260B	4/1/2005 12:56:00AM	1.5	1.5	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	4/1/2005 12:56:00AM	0.5	0.5	ug/L	U
000010	Temperature	N	E84282	170.1	3/23/2005 8:33:00AM	20.4		Degrees C	
081551	Xylenes, Total	N	E84282	8260B	4/1/2005 12:56:00AM	0.98	0.98	ug/L	U
001012	Beryllium	N	E84282	200.7 Rev 4.4	4/1/2005 7:41:00AM	0.74	0.74	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	4/1/2005 12:56:00AM	0.98	0.98	ug/L	U
001037	Cobalt	N	E84282	200.7 Rev 4.4	4/1/2005 7:41:00AM	1.4	1.4	ug/L	U
000094	Specific Conductance	N	E84282	120.1	3/23/2005 8:33:00AM	106		umhos/cm	
001002	Arsenic	N	E84282	200.7 Rev 4.4	4/1/2005 7:41:00AM	3.8	3.8	ug/L	U
001042	Copper	N	E84282	200.7 Rev 4.4	4/1/2005 7:41:00AM	1.3	1.3	ug/L	U
074010	Iron	N	E84282	200.7 Rev 4.4	4/1/2005 7:41:00AM	1.1	0.037	mg/L	
000615	Nitrite Nitrogen	N	E84282	353.2	3/25/2005 11:15:00AM	0.01	0.01	mg/L	U
000630	Nitrate Nitrite Nitrogen	N	E84282	353.2	3/25/2005 11:15:00AM	0.048	0.01	mg/L	I
034371	Ethylbenzene	N	E84282	8260B	4/1/2005 12:56:00AM	0.83	0.83	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	4/1/2005 12:56:00AM	0.14	0.14	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	4/1/2005 12:56:00AM	0.14	0.14	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	4/1/2005 12:56:00AM	0.47	0.47	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	4/1/2005 7:41:00AM	5.9	5.9	ug/L	U
077103	2-Hexanone	N	E84282	8260B	4/1/2005 12:56:00AM	4.4	4.4	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	4/1/2005 12:56:00AM	1.2	1.2	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	4/1/2005 12:56:00AM	0.52	0.52	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	4/1/2005 12:56:00AM	0.57	0.57	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	4/1/2005 12:56:00AM	0.44	0.44	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	4/1/2005 12:56:00AM	0.15	0.15	ug/L	U
081552	Acetone	N	E84282	8260B	4/1/2005 12:56:00AM	9.9	9.9	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	4/1/2005 12:56:00AM	0.52	0.52	ug/L	U
000403	pH	N	E84282	150.1	3/23/2005 8:33:00AM	6.05		SU	
034571	1,4-Dichlorobenzene	N	E84282	8260B	4/1/2005 12:56:00AM	0.52	0.52	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	4/1/2005 12:56:00AM	0.46	0.46	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	4/1/2005 12:56:00AM	0.63	0.63	ug/L	U
046369	Ethylene Dibromide	N	E84282	504.1	3/31/2005 3:20:00AM	0.0089	0.0089	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/31/2005 3:20:00AM	0.0031	0.0031	ug/L	U
082545	Water Level	N	E84282	Water Level	3/23/2005 8:33:00AM	122		ft	
000299	Oxygen, Dissolved	N	E84282	360.1	3/23/2005 8:33:00AM	0.9		mg/L	
082079	Turbidity	N	E84282	180.1	3/23/2005 7:49:00AM	0.3		NTU	
034501	1,1-Dichloroethylene	N	E84282	8260B	4/1/2005 12:56:00AM	0.45	0.45	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	4/1/2005 12:56:00AM	1	1	ug/L	U
034418	Chloromethane	N	E84282	8260B	4/1/2005 12:56:00AM	0.64	0.64	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	4/1/2005 12:56:00AM	0.65	0.65	ug/L	U
039180	Trichloroethene	N	E84282	8260B	4/1/2005 12:56:00AM	0.28	0.28	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	4/1/2005 12:56:00AM	0.34	0.34	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	4/1/2005 12:56:00AM	2.5	2.5	ug/L	U

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

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WACS Facility ID #: 33628
WACS Testsite ID #: 17205
WACS Testsite Name: MWB27D
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-III)

Sample Date/Time: 3/23/2005 8:33:00AM
Sampling Method: Unknown

Permitted
Well Type: CO

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (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
077424	Iodomethane	N	E84282	8260B	4/1/2005 12:56:00AM	0.67	0.67	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	4/1/2005 12:56:00AM	8.4	8.4	ug/L	U
032106	Chloroform	N	E84282	8260B	4/1/2005 12:56:00AM	0.9	0.9	ug/L	U
046361	Methylene bromide	N	E84282	8260B	4/1/2005 12:56:00AM	0.41	0.41	ug/L	U
077128	Styrene	N	E84282	8260B	4/1/2005 12:56:00AM	0.98	0.98	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	4/1/2005 12:56:00AM	0.34	0.34	ug/L	U
071900	Mercury	N	E84282	245.1	3/31/2005 4:11:00PM	0.072	0.072	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	4/1/2005 12:56:00AM	0.44	0.44	ug/L	U
000515	Total Dissolved Solids	N	E84282	160.1	4/22/2005 1:30:00PM	80	5	mg/L	
001034	Chromium	N	E84282	200.7 Rev 4.4	4/1/2005 7:41:00AM	1.7	1.7	ug/L	U
000610	Ammonia	N	E84282	350.1	4/1/2005 4:30:00PM	0.069	0.04	mg/L	
001059	Thallium	N	E84282	200.8	4/1/2005 5:28:00PM	0.2	0.2	ug/L	U
078133	methyl isobutyl ketone	N	E84282	8260B	4/1/2005 12:56:00AM	3.8	3.8	ug/L	U
001147	Selenium	N	E84282	200.7 Rev 4.4	4/1/2005 7:41:00AM	4.8	4.8	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	4/1/2005 12:56:00AM	0.14	0.14	ug/L	U
000940	Chloride	N	E84282	325.3	4/4/2005 8:00:00PM	4.5	1	mg/L	
034010	Toluene	N	E84282	8260B	4/1/2005 12:56:00AM	0.51	0.51	ug/L	U
034311	Chloroethane	N	E84282	8260B	4/1/2005 12:56:00AM	0.8	0.8	ug/L	U
001087	Vanadium	N	E84282	200.7 Rev 4.4	4/1/2005 7:41:00AM	2.5	2.5	ug/L	U
001077	Silver	N	E84282	200.7 Rev 4.4	4/1/2005 7:41:00AM	1.9	1.9	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	4/1/2005 7:41:00AM	4.7	4.7	ug/L	U
001051	Lead	N	E84282	200.7 Rev 4.4	4/1/2005 7:41:00AM	1.5	1.5	ug/L	U
001097	Antimony	N	E84282	200.7 Rev 4.4	4/1/2005 7:41:00AM	2.9	2.9	ug/L	U
034413	Bromomethane	N	E84282	8260B	4/1/2005 12:56:00AM	0.66	0.66	ug/L	U
034030	Benzene	N	E84282	8260B	4/1/2005 12:56:00AM	0.27	0.27	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	4/1/2005 12:56:00AM	0.58	0.58	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	4/1/2005 12:56:00AM	0.35	0.35	ug/L	U
032104	Bromoform	N	E84282	8260B	4/1/2005 12:56:00AM	0.58	0.58	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	4/1/2005 12:56:00AM	0.63	0.63	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	4/1/2005 7:41:00AM	0.71	0.71	ug/L	U
000929	Sodium	N	E84282	200.7 Rev 4.4	4/1/2005 7:41:00AM	3.6	0.15	mg/L	
077041	Carbon disulfide	N	E84282	8260B	4/1/2005 12:56:00AM	0.85	0.85	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	4/1/2005 12:56:00AM	0.42	0.42	ug/L	U

Total Parameters Monitored: 77

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

Printed: 5/2/2005

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Form Produced by FDEP Validator software

Facility Name: TRAIL RIDGE/SEMI-ANNUAL PHASE V

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-IIIIF)

Sample Date/Time: 3/23/2005 9:29:00AM
Sampling Method: Unknown
Permitted
Well Type: CO

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (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
081551	Xylenes, Total	N	E84282	8260B	4/1/2005 1:35:00AM	0.98	0.98	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	4/1/2005 8:04:00AM	9.4	1.2	ug/L	I
000615	Nitrite Nitrogen	N	E84282	353.2	3/25/2005 11:15:00AM	0.01	0.01	mg/L	U
000620	Nitrate Nitrogen	N	E84282	353.2	3/25/2005 11:15:00AM	0.01	0.01	mg/L	U
001097	Antimony	N	E84282	200.7 Rev 4.4	4/1/2005 8:04:00AM	2.9	2.9	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	4/1/2005 1:35:00AM	0.42	0.42	ug/L	U
000630	Nitrate Nitrite Nitrogen	N	E84282	353.2	3/25/2005 11:15:00AM	0.01	0.01	mg/L	U
001002	Arsenic	N	E84282	200.7 Rev 4.4	4/1/2005 8:04:00AM	3.8	3.8	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	4/1/2005 8:04:00AM	5.9	5.9	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	4/1/2005 1:35:00AM	0.46	0.46	ug/L	U
071900	Mercury	N	E84282	245.1	3/31/2005 4:15:00PM	0.072	0.072	ug/L	U
001059	Thallium	N	E84282	200.8	4/1/2005 5:43:00PM	0.2	0.2	ug/L	U
J1077	Silver	N	E84282	200.7 Rev 4.4	4/1/2005 8:04:00AM	1.9	1.9	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	4/1/2005 8:04:00AM	4.7	4.7	ug/L	U
074010	Iron	N	E84282	200.7 Rev 4.4	4/1/2005 8:04:00AM	0.48	0.037	mg/L	U
001042	Copper	N	E84282	200.7 Rev 4.4	4/1/2005 8:04:00AM	1.3	1.3	ug/L	U
001012	Beryllium	N	E84282	200.7 Rev 4.4	4/1/2005 8:04:00AM	0.74	0.74	ug/L	U
046369	Ethylene Dibromide	N	E84282	504.1	3/31/2005 4:02:00AM	0.0088	0.0088	ug/L	U
001051	Lead	N	E84282	200.7 Rev 4.4	4/1/2005 8:04:00AM	1.5	1.5	ug/L	U
082079	Turbidity	N	E84282	180.1	3/23/2005 7:49:00AM	16.9		NTU	
000299	Oxygen, Dissolved	N	E84282	360.1	3/23/2005 9:29:00AM	1.1		mg/L	
082545	Water Level	N	E84282	Water Level	3/23/2005 9:29:00AM	130		ft	
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/31/2005 4:02:00AM	0.003	0.003	ug/L	U
001147	Selenium	N	E84282	200.7 Rev 4.4	4/1/2005 8:04:00AM	4.8	4.8	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	4/1/2005 1:35:00AM	0.63	0.63	ug/L	U
000929	Sodium	N	E84282	200.7 Rev 4.4	4/1/2005 8:04:00AM	3.4	0.15	mg/L	
073085	Bromochloromethane	N	E84282	8260B	4/1/2005 1:35:00AM	0.58	0.58	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	4/1/2005 1:35:00AM	0.14	0.14	ug/L	U
034413	Bromomethane	N	E84282	8260B	4/1/2005 1:35:00AM	0.66	0.66	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	4/1/2005 8:04:00AM	0.71	0.71	ug/L	U
032104	Bromoform	N	E84282	8260B	4/1/2005 1:35:00AM	0.58	0.58	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	4/1/2005 1:35:00AM	0.85	0.85	ug/L	U
000010	Temperature	N	E84282	170.1	3/23/2005 9:29:00AM	17.1		Degrees C	
000403	pH	N	E84282	150.1	3/23/2005 9:29:00AM	4.64		SU	
000094	Specific Conductance	N	E84282	120.1	3/23/2005 9:29:00AM	40		umhos/cm	
001037	Cobalt	N	E84282	200.7 Rev 4.4	4/1/2005 8:04:00AM	1.4	1.4	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	4/1/2005 8:04:00AM	1.7	1.7	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	4/1/2005 1:35:00AM	0.35	0.35	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	4/1/2005 1:35:00AM	8.4	8.4	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	4/1/2005 1:35:00AM	0.52	0.52	ug/L	U
077103	2-Hexanone	N	E84282	8260B	4/1/2005 1:35:00AM	4.4	4.4	ug/L	U
081552	Acetone	N	E84282	8260B	4/1/2005 1:35:00AM	9.9	9.9	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	4/1/2005 1:35:00AM	1.2	1.2	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	4/1/2005 1:35:00AM	0.65	0.65	ug/L	U

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

Printed: 5/2/2005

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Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 20104
WACS Testsite Name: MWB29S
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-III/F)

Sample Date/Time: 3/23/2005 9:29:00AM
Sampling Method: Unknown
Permitted
Well Type: CO

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (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
034423	Methylene Chloride	N	E84282	8260B	4/1/2005 1:35:00AM	1	1	ug/L	U
077128	Styrene	N	E84282	8260B	4/1/2005 1:35:00AM	0.98	0.98	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	4/1/2005 1:35:00AM	0.44	0.44	ug/L	U
078133	methyl isobutyl ketone	N	E84282	8260B	4/1/2005 1:35:00AM	3.8	3.8	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	4/1/2005 1:35:00AM	0.14	0.14	ug/L	U
077424	Iodomethane	N	E84282	8260B	4/1/2005 1:35:00AM	0.67	0.67	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	4/1/2005 1:35:00AM	0.83	0.83	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	4/1/2005 1:35:00AM	0.34	0.34	ug/L	U
000515	Total Dissolved Solids	N	E84282	160.1	4/22/2005 1:30:00PM	34	5	mg/L	
001087	Vanadium	N	E84282	200.7 Rev 4.4	4/1/2005 8:04:00AM	2.5	2.5	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	4/1/2005 1:35:00AM	0.34	0.34	ug/L	U
034030	Benzene	N	E84282	8260B	4/1/2005 1:35:00AM	0.27	0.27	ug/L	U
000610	Ammonia	N	E84282	350.1	4/1/2005 4:30:00PM	0.04	0.04	mg/L	U
046361	Methylene bromide	N	E84282	8260B	4/1/2005 1:35:00AM	0.41	0.41	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	4/1/2005 1:35:00AM	0.44	0.44	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	4/1/2005 1:35:00AM	1.5	1.5	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	4/1/2005 1:35:00AM	0.98	0.98	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	4/1/2005 1:35:00AM	0.57	0.57	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	4/1/2005 1:35:00AM	0.5	0.5	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	4/1/2005 1:35:00AM	0.15	0.15	ug/L	U
039180	Trichloroethene	N	E84282	8260B	4/1/2005 1:35:00AM	0.28	0.28	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	4/1/2005 1:35:00AM	0.63	0.63	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	4/1/2005 1:35:00AM	0.14	0.14	ug/L	U
034010	Toluene	N	E84282	8260B	4/1/2005 1:35:00AM	0.51	0.51	ug/L	U
000940	Chloride	N	E84282	325.3	4/4/2005 8:00:00PM	3.5	1	mg/L	
034501	1,1-Dichloroethylene	N	E84282	8260B	4/1/2005 1:35:00AM	0.45	0.45	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	4/1/2005 1:35:00AM	0.52	0.52	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	4/1/2005 1:35:00AM	2.5	2.5	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	4/1/2005 1:35:00AM	0.52	0.52	ug/L	U
034418	Chloromethane	N	E84282	8260B	4/1/2005 1:35:00AM	0.64	0.64	ug/L	U
034311	Chloroethane	N	E84282	8260B	4/1/2005 1:35:00AM	0.8	0.8	ug/L	U
032106	Chloroform	N	E84282	8260B	4/1/2005 1:35:00AM	0.9	0.9	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	4/1/2005 1:35:00AM	0.47	0.47	ug/L	U

Total Parameters Monitored: 77

* 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/SEMI-ANNUAL PHASE V

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-III(F))

Sample Date/Time: 3/23/2005 9:12:00AM
 Sampling Method: Unknown
 Permitted
 Well Type: CO

(AS) Assessment (IW) Irrigation Well
 (BG) Background (OT) Other
 (CO) Compliance (PZ) Piezometer
 (DE) Detection (SO) Source
 (DG) Downgradient (UP) Upgradient
 (IM) Intermediate (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
034541	1,2-Dichloropropane	N	E84282	8260B	4/1/2005 1:15:00AM	0.52	0.52	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	4/1/2005 1:15:00AM	0.57	0.57	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	4/1/2005 1:15:00AM	0.44	0.44	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	4/1/2005 1:15:00AM	0.15	0.15	ug/L	U
034501	1,1-Dichloroethylene	N	E84282	8260B	4/1/2005 1:15:00AM	0.45	0.45	ug/L	U
000299	Oxygen, Dissolved	N	E84282	360.1	3/23/2005 9:12:00AM	1.1		mg/L	
077103	2-Hexanone	N	E84282	8260B	4/1/2005 1:15:00AM	4.4	4.4	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	4/1/2005 1:15:00AM	0.52	0.52	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	4/1/2005 1:15:00AM	1.5	1.5	ug/L	U
001077	Silver	N	E84282	200.7 Rev 4.4	4/1/2005 7:47:00AM	1.9	1.9	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	4/1/2005 1:15:00AM	0.47	0.47	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	4/1/2005 1:15:00AM	0.52	0.52	ug/L	U
034311	Chloroethane	N	E84282	8260B	4/1/2005 1:15:00AM	0.8	0.8	ug/L	U
046361	Methylene bromide	N	E84282	8260B	4/1/2005 1:15:00AM	0.41	0.41	ug/L	U
001087	Vanadium	N	E84282	200.7 Rev 4.4	4/1/2005 7:47:00AM	2.5	2.5	ug/L	U
039180	Trichloroethene	N	E84282	8260B	4/1/2005 1:15:00AM	0.28	0.28	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	4/1/2005 1:15:00AM	2.5	2.5	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	4/1/2005 1:15:00AM	0.14	0.14	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	4/1/2005 1:15:00AM	0.44	0.44	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	4/1/2005 1:15:00AM	0.34	0.34	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	4/1/2005 1:15:00AM	1	1	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	4/1/2005 1:15:00AM	0.5	0.5	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	4/1/2005 1:15:00AM	0.63	0.63	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	4/1/2005 7:47:00AM	0.71	0.71	ug/L	U
034010	Toluene	N	E84282	8260B	4/1/2005 1:15:00AM	0.51	0.51	ug/L	U
046369	Ethylene Dibromide	N	E84282	504.1	3/31/2005 3:41:00AM	0.0087	0.0087	ug/L	U
077424	Iodomethane	N	E84282	8260B	4/1/2005 1:15:00AM	0.67	0.67	ug/L	U
001012	Beryllium	N	E84282	200.7 Rev 4.4	4/1/2005 7:47:00AM	0.74	0.74	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	4/1/2005 7:47:00AM	47	1.2	ug/L	
001002	Arsenic	N	E84282	200.7 Rev 4.4	4/1/2005 7:47:00AM	3.8	3.8	ug/L	U
001097	Antimony	N	E84282	200.7 Rev 4.4	4/1/2005 7:47:00AM	2.9	2.9	ug/L	U
000620	Nitrate Nitrogen	N	E84282	353.2	3/25/2005 11:15:00AM	0.01	0.01	mg/L	U
000630	Nitrate Nitrite Nitrogen	N	E84282	353.2	3/25/2005 11:15:00AM	0.01	0.01	mg/L	U
000615	Nitrite Nitrogen	N	E84282	353.2	3/25/2005 11:15:00AM	0.01	0.01	mg/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	4/1/2005 7:47:00AM	1.7	1.7	ug/L	U
001037	Cobalt	N	E84282	200.7 Rev 4.4	4/1/2005 7:47:00AM	1.4	1.4	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/31/2005 3:41:00AM	0.003	0.003	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	4/1/2005 1:15:00AM	0.46	0.46	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	4/1/2005 1:15:00AM	0.42	0.42	ug/L	U
082545	Water Level	N	E84282	Water Level	3/23/2005 9:12:00AM	132		ft	
000610	Ammonia	N	E84282	350.1	4/1/2005 4:30:00PM	0.04	0.04	mg/L	U
032106	Chloroform	N	E84282	8260B	4/1/2005 1:15:00AM	0.9	0.9	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	4/1/2005 1:15:00AM	0.63	0.63	ug/L	U
034418	Chloromethane	N	E84282	8260B	4/1/2005 1:15:00AM	0.64	0.64	ug/L	U

* 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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Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 20105
WACS Testsite Name: MWB29I
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-III/F)

Sample Date/Time: 3/23/2005 9:12:00AM
Sampling Method: Unknown
Permitted
Well Type: CO

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (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
073085	Bromochloromethane	N	E84282	8260B	4/1/2005 1:15:00AM	0.58	0.58	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	4/1/2005 1:15:00AM	0.35	0.35	ug/L	U
032104	Bromofom	N	E84282	8260B	4/1/2005 1:15:00AM	0.58	0.58	ug/L	U
034413	Bromomethane	N	E84282	8260B	4/1/2005 1:15:00AM	0.66	0.66	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	4/1/2005 1:15:00AM	0.85	0.85	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	4/1/2005 1:15:00AM	0.14	0.14	ug/L	U
074010	Iron	N	E84282	200.7 Rev 4.4	4/1/2005 7:47:00AM	0.47	0.037	mg/L	
081595	Methyl Ethyl Ketone	N	E84282	8260B	4/1/2005 1:15:00AM	8.4	8.4	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	4/1/2005 1:15:00AM	0.98	0.98	ug/L	U
000515	Total Dissolved Solids	N	E84282	160.1	4/22/2005 1:30:00PM	40	5	mg/L	
001042	Copper	N	E84282	200.7 Rev 4.4	4/1/2005 7:47:00AM	1.3	1.3	ug/L	U
001051	Lead	N	E84282	200.7 Rev 4.4	4/1/2005 7:47:00AM	1.5	1.5	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	4/1/2005 7:47:00AM	4.7	4.7	ug/L	U
001147	Selenium	N	E84282	200.7 Rev 4.4	4/1/2005 7:47:00AM	4.8	4.8	ug/L	U
081552	Acetone	N	E84282	8260B	4/1/2005 1:15:00AM	9.9	9.9	ug/L	U
034030	Benzene	N	E84282	8260B	4/1/2005 1:15:00AM	0.27	0.27	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	4/1/2005 1:15:00AM	0.98	0.98	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	4/1/2005 7:47:00AM	5.9	5.9	ug/L	U
001059	Thallium	N	E84282	200.8	4/1/2005 5:35:00PM	0.2	0.2	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	4/1/2005 1:15:00AM	0.65	0.65	ug/L	U
000940	Chloride	N	E84282	325.3	4/4/2005 8:00:00PM	3	1	mg/L	
071900	Mercury	N	E84282	245.1	3/31/2005 4:13:00PM	0.072	0.072	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	4/1/2005 1:15:00AM	0.83	0.83	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	4/1/2005 1:15:00AM	1.2	1.2	ug/L	U
078133	methyl isobutyl ketone	N	E84282	8260B	4/1/2005 1:15:00AM	3.8	3.8	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	4/1/2005 1:15:00AM	0.14	0.14	ug/L	U
000010	Temperature	N	E84282	170.1	3/23/2005 9:12:00AM	21.2		Degrees C	
077128	Styrene	N	E84282	8260B	4/1/2005 1:15:00AM	0.98	0.98	ug/L	U
000929	Sodium	N	E84282	200.7 Rev 4.4	4/1/2005 7:47:00AM	3	0.15	mg/L	
082079	Turbidity	N	E84282	180.1	3/23/2005 7:49:00AM	16.9		NTU	
000094	Specific Conductance	N	E84282	120.1	3/23/2005 9:12:00AM	40		umhos/cm	
032105	Dibromochloromethane	N	E84282	8260B	4/1/2005 1:15:00AM	0.34	0.34	ug/L	U
000403	pH	N	E84282	150.1	3/23/2005 9:12:00AM	5.13		SU	

Total Parameters Monitored: 77

Facility Name: TRAIL RIDGE/SEMI-ANNUAL PHASE V

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-IIIIF)

Sample Date/Time: 3/23/2005 9:43:00AM
Sampling Method: Unknown
Permitted
Well Type: CO

(AS) Assessment (IW) Irrigation Well
(BC) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (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
077093	cis-1,2-Dichloroethene	N	E84282	8260B	4/1/2005 1:54:00AM	0.65	0.65	ug/L	U
034501	1,1-Dichloroethylene	N	E84282	8260B	4/1/2005 1:54:00AM	0.45	0.45	ug/L	U
081552	Acetone	N	E84282	8260B	4/1/2005 1:54:00AM	9.9	9.9	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	4/1/2005 1:54:00AM	0.52	0.52	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	4/1/2005 1:54:00AM	0.57	0.57	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	4/1/2005 1:54:00AM	0.44	0.44	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	4/1/2005 1:54:00AM	0.15	0.15	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	4/1/2005 1:54:00AM	0.52	0.52	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	4/1/2005 1:54:00AM	0.58	0.58	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	4/1/2005 8:10:00AM	54	1.2	ug/L	
034511	1,1,2-Trichloroethane	N	E84282	8260B	4/1/2005 1:54:00AM	0.47	0.47	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	4/1/2005 1:54:00AM	1.2	1.2	ug/L	U
082079	Turbidity	N	E84282	180.1	3/23/2005 7:49:00AM	1		NTU	
000620	Nitrogen, Nitrate	N	E84282	353.2	3/25/2005 8:26:00AM	0.01	0.01	mg/L	U
034030	Benzene	N	E84282	8260B	4/1/2005 1:54:00AM	0.27	0.27	ug/L	U
077103	2-Hexanone	N	E84282	8260B	4/1/2005 1:54:00AM	4.4	4.4	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	4/1/2005 1:54:00AM	0.14	0.14	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	4/1/2005 1:54:00AM	0.14	0.14	ug/L	U
077128	Styrene	N	E84282	8260B	4/1/2005 1:54:00AM	0.98	0.98	ug/L	U
001002	Arsenic	N	E84282	200.7 Rev 4.4	4/1/2005 8:10:00AM	3.8	3.8	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	4/1/2005 1:54:00AM	0.63	0.63	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	4/1/2005 1:54:00AM	0.63	0.63	ug/L	U
001097	Antimony	N	E84282	200.7 Rev 4.4	4/1/2005 8:10:00AM	2.9	2.9	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	4/1/2005 1:54:00AM	2.5	2.5	ug/L	U
001087	Vanadium	N	E84282	200.7 Rev 4.4	4/1/2005 8:10:00AM	2.5	2.5	ug/L	U
001059	Thallium	N	E84282	200.8	4/1/2005 5:50:00PM	0.2	0.2	ug/L	U
000940	Chloride	N	E84282	325.3	4/4/2005 8:00:00PM	5	1	mg/L	
032101	Bromodichloromethane	N	E84282	8260B	4/1/2005 1:54:00AM	0.35	0.35	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	4/1/2005 1:54:00AM	0.34	0.34	ug/L	U
000610	Ammonia	N	E84282	350.1	4/1/2005 4:30:00PM	0.07	0.04	mg/L	
034423	Methylene Chloride	N	E84282	8260B	4/1/2005 1:54:00AM	1	1	ug/L	U
046361	Methylene bromide	N	E84282	8260B	4/1/2005 1:54:00AM	0.41	0.41	ug/L	U
078133	methyl isobutyl ketone	N	E84282	8260B	4/1/2005 1:54:00AM	3.8	3.8	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	4/1/2005 1:54:00AM	8.4	8.4	ug/L	U
077424	Iodomethane	N	E84282	8260B	4/1/2005 1:54:00AM	0.67	0.67	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	4/1/2005 1:54:00AM	0.83	0.83	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	4/1/2005 1:54:00AM	0.34	0.34	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	4/1/2005 1:54:00AM	0.14	0.14	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	4/1/2005 1:54:00AM	0.52	0.52	ug/L	U
034413	Bromomethane	N	E84282	8260B	4/1/2005 1:54:00AM	0.66	0.66	ug/L	U
000515	Total Dissolved Solids	N	E84282	160.1	4/22/2005 1:30:00PM	74	5	mg/L	
081551	Xylenes, Total	N	E84282	8260B	4/1/2005 1:54:00AM	0.98	0.98	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	4/1/2005 1:54:00AM	0.5	0.5	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	4/1/2005 1:54:00AM	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.

Printed: 5/2/2005

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Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 20106
WACS Testsite Name: MWB29D
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-III F)

Sample Date/Time: 3/23/2005 9:43:00AM
Sampling Method: Unknown
Permitted
Well Type: CO

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (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
034488	Trichlorofluoromethane	N	E84282	8260B	4/1/2005 1:54:00AM	0.98	0.98	ug/L	U
039180	Trichloroethene	N	E84282	8260B	4/1/2005 1:54:00AM	0.28	0.28	ug/L	U
074010	Iron	N	E84282	200.7 Rev 4.4	4/1/2005 8:10:00AM	0.91	0.037	mg/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	4/1/2005 8:10:00AM	5.9	5.9	ug/L	U
032104	Bromoform	N	E84282	8260B	4/1/2005 1:54:00AM	0.58	0.58	ug/L	U
034418	Chloromethane	N	E84282	8260B	4/1/2005 1:54:00AM	0.64	0.64	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	4/1/2005 1:54:00AM	0.85	0.85	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	4/1/2005 1:54:00AM	0.42	0.42	ug/L	U
000929	Sodium	N	E84282	200.7 Rev 4.4	4/1/2005 8:10:00AM	3.5	0.15	mg/L	U
034311	Chloroethane	N	E84282	8260B	4/1/2005 1:54:00AM	0.8	0.8	ug/L	U
034010	Toluene	N	E84282	8260B	4/1/2005 1:54:00AM	0.51	0.51	ug/L	U
046369	Ethylene Dibromide	N	E84282	504.1	3/31/2005 4:24:00AM	0.0088	0.0088	ug/L	U
000010	Temperature	N	E84282	170.1	3/23/2005 9:43:00AM	21.2		Degrees C	
034546	trans-1,2-Dichloroethene	N	E84282	8260B	4/1/2005 1:54:00AM	0.44	0.44	ug/L	U
032106	Chloroform	N	E84282	8260B	4/1/2005 1:54:00AM	0.9	0.9	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	4/1/2005 8:10:00AM	1.7	1.7	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	4/1/2005 1:54:00AM	0.46	0.46	ug/L	U
000299	Oxygen, Dissolved	N	E84282	360.1	3/23/2005 9:43:00AM	0.8		mg/L	
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/31/2005 4:24:00AM	0.003	0.003	ug/L	U
000403	pH	N	E84282	150.1	3/23/2005 9:43:00AM	5.67		SU	
001042	Copper	N	E84282	200.7 Rev 4.4	4/1/2005 8:10:00AM	1.3	1.3	ug/L	U
001037	Cobalt	N	E84282	200.7 Rev 4.4	4/1/2005 8:10:00AM	1.4	1.4	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	4/1/2005 8:10:00AM	0.71	0.71	ug/L	U
001012	Beryllium	N	E84282	200.7 Rev 4.4	4/1/2005 8:10:00AM	0.74	0.74	ug/L	U
000615	Nitrogen, Nitrite	N	E84282	353.2	3/25/2005 8:26:00AM	0.01	0.01	mg/L	U
071900	Mercury	N	E84282	245.1	3/31/2005 4:17:00PM	0.072	0.072	ug/L	U
000630	Nitrogen, Nitrate Nitrite	N	E84282	353.2	3/25/2005 8:26:00AM	0.01	0.01	mg/L	U
001077	Silver	N	E84282	200.7 Rev 4.4	4/1/2005 8:10:00AM	1.9	1.9	ug/L	U
001147	Selenium	N	E84282	200.7 Rev 4.4	4/1/2005 8:10:00AM	4.8	4.8	ug/L	U
082545	Water Level	N	E84282	Water Level	3/23/2005 9:43:00AM	132		ft	
001051	Lead	N	E84282	200.7 Rev 4.4	4/1/2005 8:10:00AM	1.5	1.5	ug/L	U
000094	Specific Conductance	N	E84282	120.1	3/23/2005 9:43:00AM	69		umhos/cm	
001067	Nickel	N	E84282	200.7 Rev 4.4	4/1/2005 8:10:00AM	4.7	4.7	ug/L	U

Total Parameters Monitored: 77

* 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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Form Produced by FDEP Validator software

Facility Name: TRAIL RIDGE/SEMI-ANNUAL BACKGROUND

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-III(F))

Sample Date/Time: 3/23/2005 12:41:00PM
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
46369	Ethylene Dibromide	N	E84282	504.1	3/31/2005 12:25:00PM	0.009	0.009	ug/L	U
34501	1,1-Dichloroethylene	N	E84282	8260B	3/31/2005 7:30:00PM	0.45	0.45	ug/L	U
34496	1,1-Dichloroethane	N	E84282	8260B	3/31/2005 7:30:00PM	0.52	0.52	ug/L	U
34511	1,1,2-Trichloroethane	N	E84282	8260B	3/31/2005 7:30:00PM	0.47	0.47	ug/L	U
34516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/31/2005 7:30:00PM	0.14	0.14	ug/L	U
82545	Water Level	N	E84282	FIELD	3/23/2005 12:41:00PM	139		ft	
77562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/31/2005 7:30:00PM	0.63	0.63	ug/L	U
38437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/31/2005 12:25:00PM	0.0031	0.0031	ug/L	U
1007	Barium	N	E84282	200.7 Rev 4.4	4/1/2005 9:12:00AM	93	1.2	ug/L	
1051	Lead	N	E84282	200.7 Rev 4.4	4/1/2005 9:12:00AM	1.5	1.5	ug/L	U
299	Oxygen, Dissolved	N	E84282	360.1	3/23/2005 12:41:00PM	367		mg/L	
32106	Chloroform	N	E84282	8260B	3/31/2005 7:30:00PM	0.9	0.9	ug/L	U
10	Temperature	N	E84282	170.1	3/23/2005 12:41:00PM	21.5		Degrees C	
34506	1,1,1-Trichloroethane	N	E84282	8260B	3/31/2005 7:30:00PM	0.46	0.46	ug/L	U
34536	1,2-Dichlorobenzene	N	E84282	8260B	3/31/2005 7:30:00PM	0.44	0.44	ug/L	U
1012	Beryllium	N	E84282	200.7 Rev 4.4	4/1/2005 9:12:00AM	0.74	0.74	ug/L	U
34541	1,2-Dichloropropane	N	E84282	8260B	3/31/2005 7:30:00PM	0.52	0.52	ug/L	U
34571	1,4-Dichlorobenzene	N	E84282	8260B	3/31/2005 7:30:00PM	0.52	0.52	ug/L	U
1077	Silver	N	E84282	200.7 Rev 4.4	4/1/2005 9:12:00AM	1.9	1.9	ug/L	U
1067	Nickel	N	E84282	200.7 Rev 4.4	4/1/2005 9:12:00AM	4.7	4.7	ug/L	U
74010	Iron	N	E84282	200.7 Rev 4.4	4/1/2005 9:12:00AM	0.66	0.037	mg/L	
1042	Copper	N	E84282	200.7 Rev 4.4	4/1/2005 9:12:00AM	1.3	1.3	ug/L	U
1037	Cobalt	N	E84282	200.7 Rev 4.4	4/1/2005 9:12:00AM	1.4	1.4	ug/L	U
1034	Chromium	N	E84282	200.7 Rev 4.4	4/1/2005 9:12:00AM	1.7	1.7	ug/L	U
34531	1,2-Dichloroethane	N	E84282	8260B	3/31/2005 7:30:00PM	0.57	0.57	ug/L	U
77443	1,2,3-Trichloropropane	N	E84282	8260B	3/31/2005 7:30:00PM	0.15	0.15	ug/L	U
78133	methyl isobutyl ketone	N	E84282	8260B	3/31/2005 7:30:00PM	3.8	3.8	ug/L	U
94	Specific Conductance	N	E84282	120.1	3/23/2005 12:41:00PM	367		umhos/cm	
1147	Selenium	N	E84282	200.7 Rev 4.4	4/1/2005 9:12:00AM	4.8	4.8	ug/L	U
34704	cis-1,3-Dichloropropene	N	E84282	8260B	3/31/2005 7:30:00PM	0.14	0.14	ug/L	U
515	Total Dissolved Solids	N	E84282	160.1	4/22/2005 1:30:00PM	210	5	mg/L	
77103	2-Hexanone	N	E84282	8260B	3/31/2005 7:30:00PM	4.4	4.4	ug/L	U
82079	Turbidity	N	E84282	180.1	3/23/2005 7:49:00AM	1.5		NTU	
77093	cis-1,2-Dichloroethene	N	E84282	8260B	3/31/2005 7:30:00PM	0.65	0.65	ug/L	U
49263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/31/2005 7:30:00PM	2.5	2.5	ug/L	U
34699	trans-1,3-Dichloropropene	N	E84282	8260B	3/31/2005 7:30:00PM	0.14	0.14	ug/L	U
34546	trans-1,2-Dichloroethene	N	E84282	8260B	3/31/2005 7:30:00PM	0.44	0.44	ug/L	U
34010	Toluene	N	E84282	8260B	3/31/2005 7:30:00PM	0.51	0.51	ug/L	U
34475	Tetrachloroethene	N	E84282	8260B	3/31/2005 7:30:00PM	0.34	0.34	ug/L	U
77128	Styrene	N	E84282	8260B	3/31/2005 7:30:00PM	0.98	0.98	ug/L	U
34423	Methylene Chloride	N	E84282	8260B	3/31/2005 7:30:00PM	1	1	ug/L	U
46361	Methylene bromide	N	E84282	8260B	3/31/2005 7:30:00PM	0.41	0.41	ug/L	U
81595	Methyl Ethyl Ketone	N	E84282	8260B	3/31/2005 7:30:00PM	8.4	8.4	ug/L	U
77424	Iodomethane	N	E84282	8260B	3/31/2005 7:30:00PM	0.67	0.67	ug/L	U

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

Printed: 5/2/2005

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Form Produced by FDEP Validator software

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

Sample Date/Time: 3/23/2005 12:41:00PM
Sampling Method: Unknown
Permitted
Well Type: BG

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (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
32101	Bromodichloromethane	N	E84282	8260B	3/31/2005 7:30:00PM	0.35	0.35	ug/L	U
34418	Chloromethane	N	E84282	8260B	3/31/2005 7:30:00PM	0.64	0.64	ug/L	U
34311	Chloroethane	N	E84282	8260B	3/31/2005 7:30:00PM	0.8	0.8	ug/L	U
34301	Chlorobenzene	N	E84282	8260B	3/31/2005 7:30:00PM	0.63	0.63	ug/L	U
32102	Carbon tetrachloride	N	E84282	8260B	3/31/2005 7:30:00PM	0.42	0.42	ug/L	U
77041	Carbon disulfide	N	E84282	8260B	3/31/2005 7:30:00PM	0.85	0.85	ug/L	U
34371	Ethylbenzene	N	E84282	8260B	3/31/2005 7:30:00PM	0.83	0.83	ug/L	U
32104	Bromoform	N	E84282	8260B	3/31/2005 7:30:00PM	0.58	0.58	ug/L	U
403	pH	N	E84282	150.1	3/23/2005 12:41:00PM	6.94		SU	
73085	Bromochloromethane	N	E84282	8260B	3/31/2005 7:30:00PM	0.58	0.58	ug/L	U
34030	Benzene	N	E84282	8260B	3/31/2005 7:30:00PM	0.27	0.27	ug/L	U
34215	Acrylonitrile	N	E84282	8260B	3/31/2005 7:30:00PM	1.2	1.2	ug/L	U
81552	Acetone	N	E84282	8260B	3/31/2005 7:30:00PM	9.9	9.9	ug/L	U
1027	Cadmium	N	E84282	200.7 Rev 4.4	4/1/2005 9:12:00AM	0.71	0.71	ug/L	U
32105	Dibromochloromethane	N	E84282	8260B	3/31/2005 7:30:00PM	0.34	0.34	ug/L	U
34413	Bromomethane	N	E84282	8260B	3/31/2005 7:30:00PM	0.66	0.66	ug/L	U
1059	Thallium	N	E84282	200.8	4/1/2005 7:10:00PM	0.2	0.2	ug/L	U
929	Sodium	N	E84282	200.7 Rev 4.4	4/1/2005 9:12:00AM	6	0.15	mg/l	
1092	Zinc	N	E84282	200.7 Rev 4.4	4/1/2005 9:12:00AM	8.8	5.9	ug/L	I
71900	Mercury	N	E84282	245.1	3/31/2005 4:37:00PM	0.072	0.072	ug/l	U
1087	Vanadium	N	E84282	200.7 Rev 4.4	4/1/2005 9:12:00AM	2.5	2.5	ug/L	U
39180	Trichloroethene	N	E84282	8260B	3/31/2005 7:30:00PM	0.28	0.28	ug/L	U
1002	Arsenic	N	E84282	200.7 Rev 4.4	4/1/2005 9:12:00AM	3.8	3.8	ug/L	U
1097	Antimony	N	E84282	200.7 Rev 4.4	4/1/2005 9:12:00AM	2.9	2.9	ug/L	U
940	Chloride	N	E84282	325.2	4/4/2005 1:30:00PM	7.4	0.9	mg/L	
81551	Xylenes, Total	N	E84282	8260B	3/31/2005 7:30:00PM	0.98	0.98	ug/L	U
39175	Vinyl chloride	N	E84282	8260B	3/31/2005 7:30:00PM	0.5	0.5	ug/L	U
77057	Vinyl acetate	N	E84282	8260B	3/31/2005 7:30:00PM	1.5	1.5	ug/L	U
34488	Trichlorofluoromethane	N	E84282	8260B	3/31/2005 7:30:00PM	0.98	0.98	ug/L	U
620	Nitrogen, Nitrate	N	E84282	353.2	3/25/2005 1:41:00PM	0.01	0.01	mg/L	U
610	Ammonia	N	E84282	350.1	4/1/2005 4:30:00PM	0.11	0.04	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/SEMI-ANNUAL PHASE V

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (3 Pages)

WACS Facility ID #: 33628
 WACS Testsite ID #: 0
 WACS Testsite Name: MWB32S
 Water Classification: G-II
 (i.e.: LC - Leachate, G-II, SW-IIIIF)

Sample Date/Time: 3/23/2005 11:02:00AM
 Sampling Method: Unknown

Permitted
 Well Type: DE

(AS) Assessment (IW) Irrigation Well
 (BG) Background (OT) Other
 (CO) Compliance (PZ) Piezometer
 (DE) Detection (SO) Source
 (DG) Downgradient (UP) Upgradient
 (IM) Intermediate (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
001010	Beryllium	Y	E84282	200.7 Rev 4.4	4/1/2005 8:43:00AM	0.74	0.74	ug/L	U
001005	Barium	Y	E84282	200.7 Rev 4.4	4/1/2005 8:43:00AM	21	1.2	ug/L	U
001059	Thallium	N	E84282	200.8	4/1/2005 6:33:00PM	0.2	0.2	ug/L	U
001057	Thallium	Y	E84282	200.8	4/2/2005 7:02:00PM	0.25	0.25	ug/L	U
001090	Zinc	Y	E84282	200.7 Rev 4.4	4/1/2005 8:43:00AM	5.9	5.9	ug/L	U
071900	Mercury	N	E84282	245.1	3/31/2005 4:26:00PM	0.072	0.072	ug/L	U
071890	Mercury	Y	E84282	245.1	3/31/2005 4:28:00PM	0.072	0.072	ug/L	U
001065	Nickel	Y	E84282	200.7 Rev 4.4	4/1/2005 8:43:00AM	4.7	4.7	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	4/1/2005 3:10:00AM	1.5	1.5	ug/L	U
001000	Arsenic	Y	E84282	200.7 Rev 4.4	4/1/2005 8:43:00AM	3.8	3.8	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	4/1/2005 3:10:00AM	0.98	0.98	ug/L	U
001042	Copper	N	E84282	200.7 Rev 4.4	4/1/2005 8:38:00AM	1.3	1.3	ug/L	U
074010	Iron	N	E84282	200.7 Rev 4.4	4/1/2005 8:38:00AM	0.69	0.037	mg/L	U
001051	Lead	N	E84282	200.7 Rev 4.4	4/1/2005 8:38:00AM	1.5	1.5	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	4/1/2005 8:38:00AM	4.7	4.7	ug/L	U
001147	Selenium	N	E84282	200.7 Rev 4.4	4/1/2005 8:38:00AM	4.8	4.8	ug/L	U
001077	Silver	N	E84282	200.7 Rev 4.4	4/1/2005 8:38:00AM	1.9	1.9	ug/L	U
000929	Sodium	N	E84282	200.7 Rev 4.4	4/1/2005 8:38:00AM	3.8	0.15	mg/L	U
001087	Vanadium	N	E84282	200.7 Rev 4.4	4/1/2005 8:38:00AM	2.5	2.5	ug/L	U
001095	Antimony	Y	E84282	200.7 Rev 4.4	4/1/2005 8:43:00AM	2.9	2.9	ug/L	U
001085	Vanadium	Y	E84282	200.7 Rev 4.4	4/1/2005 8:43:00AM	2.5	2.5	ug/L	U
001030	Chromium	Y	E84282	200.7 Rev 4.4	4/1/2005 8:43:00AM	1.7	1.7	ug/L	U
001145	Selenium	Y	E84282	200.7 Rev 4.4	4/1/2005 8:43:00AM	4.8	4.8	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	4/1/2005 3:10:00AM	0.44	0.44	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	4/1/2005 3:10:00AM	0.63	0.63	ug/L	U
034413	Bromomethane	N	E84282	8260B	4/1/2005 3:10:00AM	0.66	0.66	ug/L	U
000930	Sodium	Y	E84282	200.7 Rev 4.4	4/1/2005 8:43:00AM	3.7	0.15	mg/L	U
001035	Cobalt	Y	E84282	200.7 Rev 4.4	4/1/2005 8:43:00AM	1.4	1.4	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	4/1/2005 3:10:00AM	0.5	0.5	ug/L	U
001046	Iron	Y	E84282	200.7 Rev 4.4	4/1/2005 8:43:00AM	580	37	ug/L	U
001049	Lead	Y	E84282	200.7 Rev 4.4	4/1/2005 8:43:00AM	1.5	1.5	ug/L	U
032104	Bromoform	N	E84282	8260B	4/1/2005 3:10:00AM	0.58	0.58	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	4/1/2005 3:10:00AM	0.85	0.85	ug/L	U
001040	Copper	Y	E84282	200.7 Rev 4.4	4/1/2005 8:43:00AM	1.3	1.3	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	4/1/2005 3:10:00AM	0.42	0.42	ug/L	U
001075	Silver	Y	E84282	200.7 Rev 4.4	4/1/2005 8:43:00AM	1.9	1.9	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	4/1/2005 3:10:00AM	0.98	0.98	ug/L	U
039180	Trichloroethene	N	E84282	8260B	4/1/2005 3:10:00AM	0.28	0.28	ug/L	U
001025	Cadmium	Y	E84282	200.7 Rev 4.4	4/1/2005 8:43:00AM	0.71	0.71	ug/L	U
034311	Chloroethane	N	E84282	8260B	4/1/2005 3:10:00AM	0.8	0.8	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	4/1/2005 8:38:00AM	5.9	5.9	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	4/1/2005 3:10:00AM	0.14	0.14	ug/L	U
032106	Chloroform	N	E84282	8260B	4/1/2005 3:10:00AM	0.9	0.9	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	4/1/2005 3:10:00AM	0.34	0.34	ug/L	U

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

Printed: 5/2/2005

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Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 0
WACS Testsite Name: MWB32S
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-III/F)

Sample Date/Time: 3/23/2005 11:02:00AM
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
034010	Toluene	N	E84282	8260B	4/1/2005 3:10:00AM	0.51	0.51	ug/L	U
001012	Beryllium	N	E84282	200.7 Rev 4.4	4/1/2005 8:38:00AM	0.74	0.74	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	4/1/2005 3:10:00AM	2.5	2.5	ug/L	U
001037	Cobalt	N	E84282	200.7 Rev 4.4	4/1/2005 8:38:00AM	1.4	1.4	ug/L	U
034030	Benzene	N	E84282	8260B	4/1/2005 3:10:00AM	0.27	0.27	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	4/1/2005 3:10:00AM	1.2	1.2	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	4/1/2005 3:10:00AM	0.46	0.46	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	4/1/2005 3:10:00AM	0.63	0.63	ug/L	U
046369	Ethylene Dibromide	N	E84282	504.1	3/31/2005 6:49:00AM	0.0087	0.0087	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/31/2005 6:49:00AM	0.003	0.003	ug/L	U
082545	Water Level	N	E84282	Water Level	3/23/2005 11:02:00AM	116		ft	
000299	Oxygen, Dissolved	N	E84282	360.1	3/23/2005 11:02:00AM	0.6		mg/L	
034423	Methylene Chloride	N	E84282	8260B	4/1/2005 3:10:00AM	1	1	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	4/1/2005 3:10:00AM	0.58	0.58	ug/L	U
000094	Specific Conductance	N	E84282	120.1	3/23/2005 11:02:00AM	83		umhos/cm	
082079	Turbidity	N	E84282	180.1	3/23/2005 7:49:00AM	34.2		NTU	
001027	Cadmium	N	E84282	200.7 Rev 4.4	4/1/2005 8:38:00AM	0.71	0.71	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	4/1/2005 8:38:00AM	22	1.2	ug/L	
001002	Arsenic	N	E84282	200.7 Rev 4.4	4/1/2005 8:38:00AM	3.8	3.8	ug/L	U
001097	Antimony	N	E84282	200.7 Rev 4.4	4/1/2005 8:38:00AM	2.9	2.9	ug/L	U
000615	Nitrogen, Nitrite	N	E84282	353.2	3/25/2005 8:26:00AM	0.01	0.01	mg/L	U
000630	Nitrogen, Nitrate Nitrite	N	E84282	353.2	3/25/2005 8:26:00AM	0.01	0.01	mg/L	U
000620	Nitrogen, Nitrate	N	E84282	353.2	3/25/2005 8:26:00AM	0.01	0.01	mg/L	U
000610	Ammonia	N	E84282	350.1	4/1/2005 4:30:00PM	0.23	0.04	mg/L	
077103	2-Hexanone	N	E84282	8260B	4/1/2005 3:10:00AM	4.4	4.4	ug/L	U
000515	Total Dissolved Solids	N	E84282	160.1	4/22/2005 1:30:00PM	60	5	mg/L	
032101	Bromodichloromethane	N	E84282	8260B	4/1/2005 3:10:00AM	0.35	0.35	ug/L	U
081552	Acetone	N	E84282	8260B	4/1/2005 3:10:00AM	9.9	9.9	ug/L	U
000010	Temperature	N	E84282	170.1	3/23/2005 11:02:00AM	19.8		Degrees C	
046361	Methylene bromide	N	E84282	8260B	4/1/2005 3:10:00AM	0.41	0.41	ug/L	U
000403	pH	N	E84282	150.1	3/23/2005 11:02:00AM	5.23		SU	
077424	Iodomethane	N	E84282	8260B	4/1/2005 3:10:00AM	0.67	0.67	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	4/1/2005 3:10:00AM	0.83	0.83	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	4/1/2005 3:10:00AM	0.34	0.34	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	4/1/2005 3:10:00AM	0.14	0.14	ug/L	U
078133	methyl isobutyl ketone	N	E84282	8260B	4/1/2005 3:10:00AM	3.8	3.8	ug/L	U
077128	Styrene	N	E84282	8260B	4/1/2005 3:10:00AM	0.98	0.98	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	4/1/2005 3:10:00AM	8.4	8.4	ug/L	U
000940	Chloride	N	E84282	325.3	4/4/2005 8:00:00PM	5	1	mg/L	
034571	1,4-Dichlorobenzene	N	E84282	8260B	4/1/2005 3:10:00AM	0.52	0.52	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	4/1/2005 3:10:00AM	0.14	0.14	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	4/1/2005 3:10:00AM	0.65	0.65	ug/L	U
034418	Chloromethane	N	E84282	8260B	4/1/2005 3:10:00AM	0.64	0.64	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	4/1/2005 3:10:00AM	0.47	0.47	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	4/1/2005 3:10:00AM	0.52	0.52	ug/L	U
034501	1,1-Dichloroethylene	N	E84282	8260B	4/1/2005 3:10:00AM	0.45	0.45	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	4/1/2005 3:10:00AM	0.15	0.15	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	4/1/2005 3:10:00AM	0.44	0.44	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	4/1/2005 3:10:00AM	0.57	0.57	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	4/1/2005 8:38:00AM	1.7	1.7	ug/L	I
034541	1,2-Dichloropropane	N	E84282	8260B	4/1/2005 3:10:00AM	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.

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Form Produced by FDEP Validator software

Total Parameters Monitored: 95

* 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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Form Produced by FDEP Validator software

Facility Name: TRAIL RIDGE/SEMI-ANNUAL PHASE V

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMGW

Description: Semiannual Gw: 62-701.510(8)(A) (3 Pages)

WACS Facility ID #: 33628
 WACS Testsite ID #: 0
 WACS Testsite Name: MWB321
 Water Classification: G-II
 (i.e.: LC - Leachate, G-I, SW-IIIIF)

Sample Date/Time: 3/23/2005 10:46:00AM
 Sampling Method: Unknown
 Permitted
 Well Type: DE

(AS) Assessment (IW) Irrigation Well
 (BG) Background (OT) Other
 (CO) Compliance (PZ) Piezometer
 (DE) Detection (SO) Source
 (DG) Downgradient (JP) Upgradient
 (IM) Intermediate (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
077103	2-Hexanone	N	E84282	8260B	4/1/2005 2:32:00AM	4.4	4.4	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	4/1/2005 8:21:00AM	7.5	1.7	ug/L	I
034475	Tetrachloroethene	N	E84282	8260B	4/1/2005 2:32:00AM	0.34	0.34	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	4/1/2005 8:21:00AM	0.71	0.71	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	4/1/2005 2:32:00AM	0.44	0.44	ug/L	U
000630	Nitrogen, Nitrate Nitrite	N	E84282	353.2	3/25/2005 8:26:00AM	0.01	0.01	mg/L	U
000615	Nitrogen, Nitrite	N	E84282	353.2	3/25/2005 8:26:00AM	0.05	0.01	mg/L	U
001097	Antimony	N	E84282	200.7 Rev 4.4	4/1/2005 8:21:00AM	2.9	2.9	ug/L	U
001002	Arsenic	N	E84282	200.7 Rev 4.4	4/1/2005 8:21:00AM	3.8	3.8	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	4/1/2005 2:32:00AM	1	1	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	4/1/2005 8:21:00AM	56	1.2	ug/L	U
071900	Mercury	N	E84282	245.1	3/31/2005 4:20:00PM	0.072	0.072	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	4/1/2005 2:32:00AM	0.52	0.52	ug/L	U
001085	Vanadium	Y	E84282	200.7 Rev 4.4	4/1/2005 8:27:00AM	2.5	2.5	ug/L	U
081552	Acetone	N	E84282	8260B	4/1/2005 2:32:00AM	9.9	9.9	ug/L	U
034030	Benzene	N	E84282	8260B	4/1/2005 2:32:00AM	0.27	0.27	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	4/1/2005 2:32:00AM	0.58	0.58	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	4/1/2005 2:32:00AM	0.52	0.52	ug/L	U
077128	Styrene	N	E84282	8260B	4/1/2005 2:32:00AM	0.98	0.98	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	4/1/2005 2:32:00AM	0.34	0.34	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	4/1/2005 2:32:00AM	1.2	1.2	ug/L	U
001059	Thallium	N	E84282	200.8	4/1/2005 6:19:00PM	0.2	0.2	ug/L	U
001025	Cadmium	Y	E84282	200.7 Rev 4.4	4/1/2005 8:27:00AM	0.71	0.71	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	4/1/2005 2:32:00AM	0.44	0.44	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	4/1/2005 2:32:00AM	0.47	0.47	ug/L	U
046361	Methylene bromide	N	E84282	8260B	4/1/2005 2:32:00AM	0.41	0.41	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	4/1/2005 2:32:00AM	0.52	0.52	ug/L	U
000299	Oxygen, Dissolved	N	E84282	360.1	3/23/2005 10:46:00AM	1.1		mg/L	
001092	Zinc	N	E84282	200.7 Rev 4.4	4/1/2005 8:21:00AM	10	5.9	ug/L	I
001000	Arsenic	Y	E84282	200.7 Rev 4.4	4/1/2005 8:27:00AM	3.8	3.8	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	4/1/2005 2:32:00AM	0.14	0.14	ug/L	U
001010	Beryllium	Y	E84282	200.7 Rev 4.4	4/1/2005 8:27:00AM	0.74	0.74	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	4/1/2005 2:32:00AM	0.46	0.46	ug/L	U
001030	Chromium	Y	E84282	200.7 Rev 4.4	4/1/2005 8:27:00AM	1.7	1.7	ug/L	U
071890	Mercury	Y	E84282	245.1	3/31/2005 4:22:00PM	0.072	0.072	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	4/1/2005 2:32:00AM	0.14	0.14	ug/L	U
034413	Bromomethane	N	E84282	8260B	4/1/2005 2:32:00AM	0.66	0.66	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	4/1/2005 2:32:00AM	0.85	0.85	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	4/1/2005 2:32:00AM	0.42	0.42	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	4/1/2005 2:32:00AM	0.63	0.63	ug/L	U
000940	Chloride	N	E84282	325.3	4/4/2005 8:00:00PM	3.5	1	mg/L	
032101	Bromodichloromethane	N	E84282	8260B	4/1/2005 2:32:00AM	0.35	0.35	ug/L	U
000929	Sodium	N	E84282	200.7 Rev 4.4	4/1/2005 8:21:00AM	2.7	0.15	mg/L	
001077	Silver	N	E84282	200.7 Rev 4.4	4/1/2005 8:21:00AM	1.9	1.9	ug/L	U

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

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Form Produced by FDEP Validator software

WACS Facility ID #: 33628
 IACS Testsite ID #: 0
 WACS Testsite Name: MWB321
 Water Classification: G-II
 (i.e.: LC - Leachate, G-II, SW-III/F)

Sample Date/Time: 3/23/2005 10:46:00AM
 Sampling Method: Unknown
 Permitted
 Well Type: DE

(AS) Assessment (IW) Irrigation Well
 (BG) Background (OT) Other
 (CO) Compliance (PZ) Piezometer
 (DE) Detection (SO) Source
 (DG) Downgradient (UP) Upgradient
 (IM) Intermediate (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
001147	Selenium	N	E84282	200.7 Rev 4.4	4/1/2005 8:21:00AM	4.8	4.8	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	4/1/2005 8:21:00AM	4.7	4.7	ug/L	U
000620	Nitrogen, Nitrate	N	E84282	353.2	3/25/2005 8:26:00AM	0.01	0.01	mg/L	U
034311	Chloroethane	N	E84282	8260B	4/1/2005 2:32:00AM	0.8	0.8	ug/L	U
001095	Antimony	Y	E84282	200.7 Rev 4.4	4/1/2005 8:27:00AM	2.9	2.9	ug/L	U
001087	Vanadium	N	E84282	200.7 Rev 4.4	4/1/2005 8:21:00AM	6.3	2.5	ug/L	I
077443	1,2,3-Trichloropropane	N	E84282	8260B	4/1/2005 2:32:00AM	0.15	0.15	ug/L	U
001005	Barium	Y	E84282	200.7 Rev 4.4	4/1/2005 8:27:00AM	31	1.2	ug/L	
000010	Temperature	N	E84282	170.1	3/23/2005 10:46:00AM	21		Degrees C	
000403	pH	N	E84282	150.1	3/23/2005 10:46:00AM	5.36		SU	
034418	Chloromethane	N	E84282	8260B	4/1/2005 2:32:00AM	0.64	0.64	ug/L	U
082079	Turbidity	N	E84282	180.1	3/23/2005 7:49:00AM	246		NTU	
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/31/2005 5:46:00AM	0.0031	0.0031	ug/L	U
046369	Ethylene Dibromide	N	E84282	504.1	3/31/2005 5:46:00AM	0.0089	0.0089	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	4/1/2005 2:32:00AM	0.63	0.63	ug/L	U
082545	Water Level	N	E84282	Water Level	3/23/2005 10:46:00AM	117		ft	
032106	Chloroform	N	E84282	8260B	4/1/2005 2:32:00AM	0.9	0.9	ug/L	U
001042	Copper	N	E84282	200.7 Rev 4.4	4/1/2005 8:21:00AM	1.3	1.3	ug/L	I
000930	Sodium	Y	E84282	200.7 Rev 4.4	4/1/2005 8:27:00AM	2.8	0.15	mg/L	
001075	Silver	Y	E84282	200.7 Rev 4.4	4/1/2005 8:27:00AM	1.9	1.9	ug/L	U
001145	Selenium	Y	E84282	200.7 Rev 4.4	4/1/2005 8:27:00AM	4.8	4.8	ug/L	U
001012	Beryllium	N	E84282	200.7 Rev 4.4	4/1/2005 8:21:00AM	0.74	0.74	ug/L	U
001049	Lead	Y	E84282	200.7 Rev 4.4	4/1/2005 8:27:00AM	1.5	1.5	ug/L	U
001090	Zinc	Y	E84282	200.7 Rev 4.4	4/1/2005 8:27:00AM	5.9	5.9	ug/L	U
001040	Copper	Y	E84282	200.7 Rev 4.4	4/1/2005 8:27:00AM	1.3	1.3	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	4/1/2005 2:32:00AM	0.57	0.57	ug/L	U
001035	Cobalt	Y	E84282	200.7 Rev 4.4	4/1/2005 8:27:00AM	1.4	1.4	ug/L	U
000515	Total Dissolved Solids	N	E84282	160.1	4/22/2005 1:30:00PM	72	5	mg/L	
001051	Lead	N	E84282	200.7 Rev 4.4	4/1/2005 8:21:00AM	8.2	1.5	ug/L	
074010	Iron	N	E84282	200.7 Rev 4.4	4/1/2005 8:21:00AM	0.59	0.037	mg/L	
034501	1,1-Dichloroethylene	N	E84282	8260B	4/1/2005 2:32:00AM	0.45	0.45	ug/L	U
001065	Nickel	Y	E84282	200.7 Rev 4.4	4/1/2005 8:27:00AM	4.7	4.7	ug/L	U
001037	Cobalt	N	E84282	200.7 Rev 4.4	4/1/2005 8:21:00AM	1.4	1.4	ug/L	U
001057	Thallium	Y	E84282	200.8	4/2/2005 6:55:00PM	0.25	0.25	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	4/1/2005 2:32:00AM	0.98	0.98	ug/L	U
000610	Ammonia	N	E84282	350.1	4/1/2005 4:30:00PM	0.04	0.04	mg/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	4/1/2005 2:32:00AM	0.65	0.65	ug/L	U
032104	Bromoform	N	E84282	8260B	4/1/2005 2:32:00AM	0.58	0.58	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	4/1/2005 2:32:00AM	0.14	0.14	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	4/1/2005 2:32:00AM	2.5	2.5	ug/L	U
039180	Trichloroethene	N	E84282	8260B	4/1/2005 2:32:00AM	0.28	0.28	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	4/1/2005 2:32:00AM	0.98	0.98	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	4/1/2005 2:32:00AM	1.5	1.5	ug/L	U
000094	Specific Conductance	N	E84282	120.1	3/23/2005 10:46:00AM	41		umhos/cm	
039175	Vinyl chloride	N	E84282	8260B	4/1/2005 2:32:00AM	0.5	0.5	ug/L	U
078133	methyl isobutyl ketone	N	E84282	8260B	4/1/2005 2:32:00AM	3.8	3.8	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	4/1/2005 2:32:00AM	8.4	8.4	ug/L	U
077424	Iodomethane	N	E84282	8260B	4/1/2005 2:32:00AM	0.67	0.67	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	4/1/2005 2:32:00AM	0.83	0.83	ug/L	U
034010	Toluene	N	E84282	8260B	4/1/2005 2:32:00AM	0.51	0.51	ug/L	U
001046	Iron	Y	E84282	200.7 Rev 4.4	4/1/2005 8:27:00AM	260	37	ug/L	

* 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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Form Produced by FDEP Validator software

Total Parameters Monitored: 95

* 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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Form Produced by FDEP Validator software

Facility Name: TRAIL RIDGE/SEMI-ANNUAL PHASE V

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 #: 0
 WACS Testsite Name: MWB32D
 Water Classification: G-II
 (i.e.: LC - Leachate, G-II, SW-III/F)

Sample Date/Time: 3/23/2005 11:20:00AM
 Sampling Method: Unknown
 Permitted
 Well Type: DE

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

(AS) Assessment (IW) Irrigation Well
 (BG) Background (OT) Other
 (CO) Compliance (PZ) Piezometer
 (DE) Detection (SO) Source
 (DG) Downgradient (UP) Upgradient
 (IM) Intermediate (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	4/1/2005 2:51:00AM	0.14	0.14	ug/L	U
000299	Oxygen, Dissolved	N	E84282	360.1	3/23/2005 11:20:00AM	0.7		mg/L	
082545	Water Level	N	E84282	Water Level	3/23/2005 11:20:00AM	117		ft	
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/31/2005 6:28:00AM	0.0031	0.0031	ug/L	U
000940	Chloride	N	E84282	325.3	4/4/2005 8:00:00PM	4	1	mg/L	
034699	trans-1,3-Dichloropropene	N	E84282	8260B	4/1/2005 2:51:00AM	0.14	0.14	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	4/1/2005 2:51:00AM	0.44	0.44	ug/L	U
046369	Ethylene Dibromide	N	E84282	504.1	3/31/2005 6:28:00AM	0.009	0.009	ug/L	U
034010	Toluene	N	E84282	8260B	4/1/2005 2:51:00AM	0.51	0.51	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	4/1/2005 2:51:00AM	2.5	2.5	ug/L	U
039180	Trichloroethene	N	E84282	8260B	4/1/2005 2:51:00AM	0.28	0.28	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	4/1/2005 2:51:00AM	0.98	0.98	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	4/1/2005 2:51:00AM	1.5	1.5	ug/L	U
000094	Specific Conductance	N	E84282	120.1	3/23/2005 11:20:00AM	151		umhos/cm	
000010	Temperature	N	E84282	170.1	3/23/2005 11:20:00AM	20.8		Degrees C	
034311	Chloroethane	N	E84282	8260B	4/1/2005 2:51:00AM	0.8	0.8	ug/L	U
000515	Total Dissolved Solids	N	E84282	160.1	4/22/2005 1:30:00PM	100	5	mg/L	
034511	1,1,2-Trichloroethane	N	E84282	8260B	4/1/2005 2:51:00AM	0.47	0.47	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	4/1/2005 2:51:00AM	0.52	0.52	ug/L	U
034501	1,1-Dichloroethylene	N	E84282	8260B	4/1/2005 2:51:00AM	0.45	0.45	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	4/1/2005 2:51:00AM	0.15	0.15	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	4/1/2005 2:51:00AM	0.44	0.44	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	4/1/2005 2:51:00AM	0.57	0.57	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	4/1/2005 2:51:00AM	0.5	0.5	ug/L	U
000403	pH	N	E84282	150.1	3/23/2005 11:20:00AM	6.32		SU	
082079	Turbidity	N	E84282	180.1	3/23/2005 7:49:00AM	9.6		NTU	
081551	Xylenes, Total	N	E84282	8260B	4/1/2005 2:51:00AM	0.98	0.98	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	4/1/2005 2:51:00AM	8.4	8.4	ug/L	U
001077	Silver	N	E84282	200.7 Rev 4.4	4/1/2005 8:32:00AM	1.9	1.9	ug/L	U
071900	Mercury	N	E84282	245.1	3/31/2005 4:24:00PM	0.072	0.072	ug/L	U
074010	Iron	N	E84282	200.7 Rev 4.4	4/1/2005 8:32:00AM	0.91	0.037	mg/L	
078133	methyl isobutyl ketone	N	E84282	8260B	4/1/2005 2:51:00AM	3.8	3.8	ug/L	U
034413	Bromomethane	N	E84282	8260B	4/1/2005 2:51:00AM	0.66	0.66	ug/L	U
081552	Acetone	N	E84282	8260B	4/1/2005 2:51:00AM	9.9	9.9	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	4/1/2005 2:51:00AM	1.2	1.2	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	4/1/2005 2:51:00AM	0.65	0.65	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	4/1/2005 2:51:00AM	0.14	0.14	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	4/1/2005 2:51:00AM	0.34	0.34	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	4/1/2005 8:32:00AM	5.9	5.9	ug/L	U
001097	Antimony	N	E84282	200.7 Rev 4.4	4/1/2005 8:32:00AM	2.9	2.9	ug/L	U
001087	Vanadium	N	E84282	200.7 Rev 4.4	4/1/2005 8:32:00AM	2.5	2.5	ug/L	U
000615	Nitrogen, Nitrite	N	E84282	353.2	3/25/2005 8:26:00AM	0.01	0.01	mg/L	U
046361	Methylene bromide	N	E84282	8260B	4/1/2005 2:51:00AM	0.41	0.41	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	4/1/2005 2:51:00AM	1	1	ug/L	U

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

Printed: 5/2/2005

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Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 0
WACS Testsite Name: MWB32D
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-III/F)

Sample Date/Time: 3/23/2005 11:20:00AM
Sampling Method: Unknown
Permitted
Well Type: DE

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (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
077128	Styrene	N	E84282	8260B	4/1/2005 2:51:00AM	0.98	0.98	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	4/1/2005 2:51:00AM	0.34	0.34	ug/L	U
000610	Ammonia	N	E84282	350.1	4/1/2005 4:30:00PM	0.12	0.04	mg/L	U
000620	Nitrogen, Nitrate	N	E84282	353.2	3/25/2005 8:26:00AM	0.01	0.01	mg/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	4/1/2005 2:51:00AM	0.52	0.52	ug/L	U
077424	Iodomethane	N	E84282	8260B	4/1/2005 2:51:00AM	0.67	0.67	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	4/1/2005 2:51:00AM	0.42	0.42	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	4/1/2005 2:51:00AM	0.83	0.83	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	4/1/2005 8:32:00AM	54	1.2	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	4/1/2005 2:51:00AM	0.46	0.46	ug/L	U
032106	Chloroform	N	E84282	8260B	4/1/2005 2:51:00AM	0.9	0.9	ug/L	U
034030	Benzene	N	E84282	8260B	4/1/2005 2:51:00AM	0.27	0.27	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	4/1/2005 2:51:00AM	0.58	0.58	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	4/1/2005 2:51:00AM	0.35	0.35	ug/L	U
032104	Bromoform	N	E84282	8260B	4/1/2005 2:51:00AM	0.58	0.58	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	4/1/2005 2:51:00AM	0.85	0.85	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	4/1/2005 2:51:00AM	0.63	0.63	ug/L	U
077103	2-Hexanone	N	E84282	8260B	4/1/2005 2:51:00AM	4.4	4.4	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	4/1/2005 2:51:00AM	0.63	0.63	ug/L	U
001059	Thallium	N	E84282	200.8	4/1/2005 6:26:00PM	0.2	0.2	ug/L	U
001002	Arsenic	N	E84282	200.7 Rev 4.4	4/1/2005 8:32:00AM	3.8	3.8	ug/L	U
034418	Chloromethane	N	E84282	8260B	4/1/2005 2:51:00AM	0.64	0.64	ug/L	U
001012	Beryllium	N	E84282	200.7 Rev 4.4	4/1/2005 8:32:00AM	0.74	0.74	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	4/1/2005 8:32:00AM	0.71	0.71	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	4/1/2005 8:32:00AM	1.7	1.7	ug/L	U
001037	Cobalt	N	E84282	200.7 Rev 4.4	4/1/2005 8:32:00AM	1.4	1.4	ug/L	U
001042	Copper	N	E84282	200.7 Rev 4.4	4/1/2005 8:32:00AM	1.3	1.3	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	4/1/2005 2:51:00AM	0.52	0.52	ug/L	U
001051	Lead	N	E84282	200.7 Rev 4.4	4/1/2005 8:32:00AM	1.5	1.5	ug/L	U
000630	Nitrogen, Nitrate Nitrite	N	E84282	353.2	3/25/2005 8:26:00AM	0.01	0.01	mg/L	U
001147	Selenium	N	E84282	200.7 Rev 4.4	4/1/2005 8:32:00AM	4.8	4.8	ug/L	U
000929	Sodium	N	E84282	200.7 Rev 4.4	4/1/2005 8:32:00AM	4.9	0.15	mg/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	4/1/2005 8:32:00AM	4.7	4.7	ug/L	U

Total Parameters Monitored: 77

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

Printed: 5/2/2005

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Form Produced by FDEP Validator software

Facility Name: Semi-annual Phase III/IV Trail Ridge

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-IIIIF)

Sample Date/Time: 3/24/2005 8:53:00AM
Sampling Method: our Composite - (Surface Wa
Permitted
Well Type: DE

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (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
000620	Nitrogen, Nitrate	N	E84282	353.2	3/26/2005 8:18:00AM	0.01	0.01	mg/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	4/5/2005 4:29:00AM	2.5	2.5	ug/L	U
001059	Thallium	N	E87052	200.8	4/9/2005 2:20:00AM	0.2	0.2	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	4/4/2005 2:35:00PM	5.9	5.9	ug/L	U
001087	Vanadium	N	E84282	200.7 Rev 4.4	4/4/2005 2:35:00PM	3.3	2.5	ug/L	U
000929	Sodium	N	E84282	200.7 Rev 4.4	4/4/2005 2:35:00PM	9.6	0.15	mg/L	U
001077	Silver	N	E84282	200.7 Rev 4.4	4/4/2005 2:35:00PM	1.9	1.9	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	4/5/2005 4:29:00AM	1	1	ug/L	U
074010	Iron	N	E84282	200.7 Rev 4.4	4/4/2005 2:35:00PM	0.52	0.037	mg/L	U
046361	Methylene bromide	N	E84282	8260B	4/5/2005 4:29:00AM	0.41	0.41	ug/L	U
001037	Cobalt	N	E84282	200.7 Rev 4.4	4/4/2005 2:35:00PM	1.4	1.4	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	4/4/2005 2:35:00PM	1.7	1.7	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	4/4/2005 2:35:00PM	0.71	0.71	ug/L	U
001012	Beryllium	N	E84282	200.7 Rev 4.4	4/4/2005 2:35:00PM	0.74	0.74	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	4/4/2005 2:35:00PM	26	1.2	ug/L	U
001002	Arsenic	N	E84282	200.7 Rev 4.4	4/4/2005 2:35:00PM	3.8	3.8	ug/L	U
001097	Antimony	N	E84282	200.7 Rev 4.4	4/4/2005 2:35:00PM	2.9	2.9	ug/L	U
001051	Lead	N	E84282	200.7 Rev 4.4	4/4/2005 2:35:00PM	1.5	1.5	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	4/5/2005 4:29:00AM	0.63	0.63	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	4/4/2005 2:35:00PM	4.7	4.7	ug/L	U
000515	Total Dissolved Solids	N	E84282	160.1	3/31/2005 1:30:00PM	5	5	mg/L	U
077128	Styrene	N	E84282	8260B	4/5/2005 4:29:00AM	0.98	0.98	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	4/5/2005 4:29:00AM	0.98	0.98	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	4/5/2005 4:29:00AM	0.14	0.14	ug/L	U
077055	Vinyl acetate	N	E84282	8260B	4/5/2005 4:29:00AM	1.5	1.5	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	4/5/2005 4:29:00AM	0.98	0.98	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	4/5/2005 4:29:00AM	0.34	0.34	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	4/5/2005 4:29:00AM	0.5	0.5	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	4/5/2005 4:29:00AM	0.44	0.44	ug/L	U
077424	Iodomethane	N	E84282	8260B	4/5/2005 4:29:00AM	0.67	0.67	ug/L	U
001042	Copper	N	E84282	200.7 Rev 4.4	4/4/2005 2:35:00PM	1.3	1.3	ug/L	U
034010	Toluene	N	E84282	8260B	4/5/2005 4:29:00AM	0.51	0.51	ug/L	U
078133	methyl isobutyl ketone	N	E84282	8260B	4/5/2005 4:29:00AM	3.8	3.8	ug/L	U
001147	Selenium	N	E84282	200.7 Rev 4.4	4/4/2005 2:35:00PM	4.8	4.8	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	4/5/2005 4:29:00AM	8.4	8.4	ug/L	U
000610	Ammonia	N	E84282	350.1	4/1/2005 7:00:00PM	0.67	0.04	mg/L	U
039180	Trichloroethene	N	E84282	8260B	4/5/2005 4:29:00AM	0.28	0.28	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	4/5/2005 4:29:00AM	1.2	1.2	ug/L	U
071900	Mercury	N	E84282	245.1	3/31/2005 5:28:00PM	0.072	0.072	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	4/5/2005 4:29:00AM	0.34	0.34	ug/L	U
077103	2-Hexanone	N	E84282	8260B	4/5/2005 4:29:00AM	4.4	4.4	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	4/5/2005 4:29:00AM	0.65	0.65	ug/L	U
034418	Chloromethane	N	E84282	8260B	4/5/2005 4:29:00AM	0.64	0.64	ug/L	U
032106	Chloroform	N	E84282	8260B	4/5/2005 4:29:00AM	0.9	0.9	ug/L	U

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

Printed: 4/27/2005

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Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 20107
WACS Testsite Name: MWB33S
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-III(F))

Sample Date/Time: 3/24/2005 8:53:00AM
Sampling Method: our Composite - (Surface Water)
Permitted
Well Type: DE

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (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
034311	Chloroethane	N	E84282	8260B	4/5/2005 4:29:00AM	0.8	0.8	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	4/5/2005 4:29:00AM	0.14	0.14	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	4/5/2005 4:29:00AM	0.42	0.42	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	4/5/2005 4:29:00AM	0.85	0.85	ug/L	U
034030	Benzene	N	E84282	8260B	4/5/2005 4:29:00AM	0.27	0.27	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	4/5/2005 4:29:00AM	0.58	0.58	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	4/5/2005 4:29:00AM	0.35	0.35	ug/L	U
032104	Bromoform	N	E84282	8260B	4/5/2005 4:29:00AM	0.58	0.58	ug/L	U
034413	Bromomethane	N	E84282	8260B	4/5/2005 4:29:00AM	0.66	0.66	ug/L	U
000940	Chloride	N	E84282	325.2	4/20/2005 10:00:00PM	10	0.9	mg/L	
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	4/1/2005 10:54:00PM	0.0031	0.0031	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	4/5/2005 4:29:00AM	0.63	0.63	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	4/5/2005 4:29:00AM	0.47	0.47	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	4/5/2005 4:29:00AM	0.57	0.57	ug/L	U
081552	Acetone	N	E84282	8260B	4/5/2005 4:29:00AM	9.9	9.9	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	4/5/2005 4:29:00AM	0.52	0.52	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	4/5/2005 4:29:00AM	0.46	0.46	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	4/5/2005 4:29:00AM	0.44	0.44	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	4/5/2005 4:29:00AM	0.15	0.15	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	4/5/2005 4:29:00AM	0.52	0.52	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	4/5/2005 4:29:00AM	0.52	0.52	ug/L	U
000010	Temperature	N	E84282	170.1	3/24/2005 8:53:00AM	19.6		Degrees C	
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	4/5/2005 4:29:00AM	0.14	0.14	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	4/5/2005 4:29:00AM	0.83	0.83	ug/L	U
034501	1,1-Dichloroethylene	N	E84282	8260B	4/5/2005 4:29:00AM	0.45	0.45	ug/L	U
000403	pH	N	E84282	150.1	3/24/2005 8:53:00AM	4.83		SU	
046369	Ethylene Dibromide	N	E84282	504.1	4/1/2005 10:54:00PM	0.0089	0.0089	ug/L	U
082079	Turbidity	N	E84282	180.1	3/24/2005 7:49:00AM	3.2		NTU	
000299	Oxygen, Dissolved	N	E84282	360.1	3/24/2005 8:53:00AM	93		mg/L	
082545	Water Level	N	E84282	FIELD	3/24/2005 8:53:00AM	115		ft	
000094	Specific Conductance	N	E84282	120.1	3/24/2005 8:53:00AM	93		umhos/cm	

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: Semi-annual Phase III/IV Trail Ridge

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-IIIIF)

Sample Date/Time: 3/24/2005 8:33:00AM
Sampling Method: our Composite - (Surface Wa
Permitted
Well Type: DE

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (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
034511	1,1,2-Trichloroethane	N	E84282	8260B	4/5/2005 4:10:00AM	0.47	0.47	ug/L	U
034501	1,1-Dichloroethylene	N	E84282	8260B	4/5/2005 4:10:00AM	0.45	0.45	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	4/5/2005 4:10:00AM	0.15	0.15	ug/L	U
034311	Chloroethane	N	E84282	8260B	4/5/2005 4:10:00AM	0.8	0.8	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	4/5/2005 4:10:00AM	0.63	0.63	ug/L	U
046369	Ethylene Dibromide	N	E84282	504.1	4/1/2005 9:53:00PM	0.009	0.009	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	4/1/2005 9:53:00PM	0.0031	0.0031	ug/L	U
000299	Oxygen, Dissolved	N	E84282	360.1	3/24/2005 8:33:00AM	404		mg/L	
000010	Temperature	N	E84282	170.1	3/24/2005 8:33:00AM	20.1		Degrees C	
001147	Selenium	N	E84282	200.7 Rev 4.4	4/4/2005 2:29:00PM	4.8	4.8	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	4/5/2005 4:10:00AM	1.2	1.2	ug/L	U
001037	Cobalt	N	E84282	200.7 Rev 4.4	4/4/2005 2:29:00PM	1.4	1.4	ug/L	U
000403	pH	N	E84282	150.1	3/24/2005 8:33:00AM	5.84		SU	
001067	Nickel	N	E84282	200.7 Rev 4.4	4/4/2005 2:29:00PM	4.7	4.7	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	4/5/2005 4:10:00AM	0.44	0.44	ug/L	U
032104	Bromoform	N	E84282	8260B	4/5/2005 4:10:00AM	0.58	0.58	ug/L	U
001051	Lead	N	E84282	200.7 Rev 4.4	4/4/2005 2:29:00PM	1.5	1.5	ug/L	U
082545	Water Level	N	E84282	FIELD	3/24/2005 8:33:00AM	116		ft	
077103	2-Hexanone	N	E84282	8260B	4/5/2005 4:10:00AM	4.4	4.4	ug/L	U
071900	Mercury	N	E84282	245.1	3/31/2005 5:26:00PM	0.072	0.072	ug/L	U
082079	Turbidity	N	E84282	180.1	3/24/2005 7:49:00AM	5.8		NTU	
081552	Acetone	N	E84282	8260B	4/5/2005 4:10:00AM	9.9	9.9	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	4/5/2005 4:10:00AM	0.63	0.63	ug/L	U
034030	Benzene	N	E84282	8260B	4/5/2005 4:10:00AM	0.35	0.27	ug/L	I
073085	Bromochloromethane	N	E84282	8260B	4/5/2005 4:10:00AM	0.58	0.58	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	4/5/2005 4:10:00AM	0.35	0.35	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	4/5/2005 4:10:00AM	0.85	0.85	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	4/5/2005 4:10:00AM	0.42	0.42	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	4/5/2005 4:10:00AM	0.57	0.57	ug/L	U
000620	Nitrogen, Nitrate	N	E84282	353.2	3/26/2005 8:18:00AM	0.01	0.01	mg/L	U
034418	Chloromethane	N	E84282	8260B	4/5/2005 4:10:00AM	0.64	0.64	ug/L	U
032106	Chloroform	N	E84282	8260B	4/5/2005 4:10:00AM	0.9	0.9	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	4/5/2005 4:10:00AM	0.14	0.14	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	4/5/2005 4:10:00AM	0.65	0.65	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	4/5/2005 4:10:00AM	0.52	0.52	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	4/5/2005 4:10:00AM	0.52	0.52	ug/L	U
034413	Bromomethane	N	E84282	8260B	4/5/2005 4:10:00AM	0.66	0.66	ug/L	U
000610	Ammonia	N	E84282	350.1	4/1/2005 7:00:00PM	2.6	0.04	mg/L	
000929	Sodium	N	E84282	200.7 Rev 4.4	4/4/2005 2:29:00PM	12	0.15	mg/L	
001087	Vanadium	N	E84282	200.7 Rev 4.4	4/4/2005 2:29:00PM	6.2	2.5	ug/L	I
034496	1,1-Dichloroethane	N	E84282	8260B	4/5/2005 4:10:00AM	0.52	0.52	ug/L	U
000515	Total Dissolved Solids	N	E84282	160.1	3/31/2005 1:30:00PM	180	5	mg/L	
001077	Silver	N	E84282	200.7 Rev 4.4	4/4/2005 2:29:00PM	1.9	1.9	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	4/4/2005 2:29:00PM	5.9	5.9	ug/L	U

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

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

Sample Date/Time: 3/24/2005 8:33:00AM
Sampling Method: our Composite - (Surface Water)
Permitted
Well Type: DE

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (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
001059	Thallium	N	E87052	200.8	4/9/2005 2:13:00AM	0.2	0.2	ug/L	U
000094	Specific Conductance	N	E84282	120.1	3/24/2005 8:33:00AM	404		umhos/cm	
001012	Beryllium	N	E84282	200.7 Rev 4.4	4/4/2005 2:29:00PM	0.74	0.74	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	4/5/2005 4:10:00AM	0.46	0.46	ug/L	U
001002	Arsenic	N	E84282	200.7 Rev 4.4	4/4/2005 2:29:00PM	3.8	3.8	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	4/5/2005 4:10:00AM	0.14	0.14	ug/L	U
000940	Chloride	N	E84282	325.2	4/20/2005 10:00:00PM	18	0.9	mg/L	
032105	Dibromochloromethane	N	E84282	8260B	4/5/2005 4:10:00AM	0.34	0.34	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	4/5/2005 4:10:00AM	0.98	0.98	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	4/5/2005 4:10:00AM	0.5	0.5	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	4/5/2005 4:10:00AM	1.5	1.5	ug/L	U
078133	methyl isobutyl ketone	N	E84282	8260B	4/5/2005 4:10:00AM	3.8	3.8	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	4/5/2005 4:10:00AM	8.4	8.4	ug/L	U
077424	Iodomethane	N	E84282	8260B	4/5/2005 4:10:00AM	0.67	0.67	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	4/5/2005 4:10:00AM	0.83	0.83	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	4/4/2005 2:29:00PM	6.1	1.2	ug/L	I
034488	Trichlorofluoromethane	N	E84282	8260B	4/5/2005 4:10:00AM	0.98	0.98	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	4/4/2005 2:29:00PM	1.7	1.7	ug/L	I
001027	Cadmium	N	E84282	200.7 Rev 4.4	4/4/2005 2:29:00PM	0.71	0.71	ug/L	U
077128	Styrene	N	E84282	8260B	4/5/2005 4:10:00AM	0.98	0.98	ug/L	U
039180	Trichloroethene	N	E84282	8260B	4/5/2005 4:10:00AM	0.28	0.28	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	4/5/2005 4:10:00AM	2.5	2.5	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	4/5/2005 4:10:00AM	0.14	0.14	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	4/5/2005 4:10:00AM	0.44	0.44	ug/L	U
001097	Antimony	N	E84282	200.7 Rev 4.4	4/4/2005 2:29:00PM	2.9	2.9	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	4/5/2005 4:10:00AM	0.34	0.34	ug/L	U
001042	Copper	N	E84282	200.7 Rev 4.4	4/4/2005 2:29:00PM	1.3	1.3	ug/L	U
074010	Iron	N	E84282	200.7 Rev 4.4	4/4/2005 2:29:00PM	0.25	0.037	mg/L	
034423	Methylene Chloride	N	E84282	8260B	4/5/2005 4:10:00AM	1	1	ug/L	U
046361	Methylene bromide	N	E84282	8260B	4/5/2005 4:10:00AM	0.41	0.41	ug/L	U
034010	Toluene	N	E84282	8260B	4/5/2005 4:10:00AM	0.51	0.51	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.

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Form Produced by FDEP Validator software

Facility Name: Semi-annual Phase III/IV Trail Ridge

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: MWB341
 Water Classification: G-II
 (i.e.: LC - Leachate, G-II, SW-I/IF)

Sample Date/Time: 3/24/2005 8:15:00AM
 Sampling Method: our Composite - (Surface Wat
 Permitted
 Well Type: DE

(AS) Assessment (IW) Irrigation Well
 (BG) Background (OT) Other
 (CO) Compliance (PZ) Piezometer
 (DE) Detection (SO) Source
 (DG) Downgradient (UP) Upgradient
 (IM) Intermediate (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	4/4/2005 2:18:00PM	3.1	0.15	mg/L	
001046	Iron	Y	E84282	200.7 Rev 4.4	4/4/2005 2:57:00PM	0.18	37	ug/L	
000930	Sodium	Y	E84282	200.7 Rev 4.4	4/4/2005 2:57:00PM	5.7	0.15	mg/L	
001065	Nickel	Y	E84282	200.7 Rev 4.4	4/4/2005 2:57:00PM	0.0047	4.7	ug/L	U
001145	Selenium	Y	E84282	200.7 Rev 4.4	4/4/2005 2:57:00PM	0.0048	4.8	ug/L	U
001085	Vanadium	Y	E84282	200.7 Rev 4.4	4/4/2005 2:57:00PM	0.02	2.5	ug/L	
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	4/5/2005 3:51:00AM	2.5	2.5	ug/L	U
001035	Cobalt	Y	E84282	200.7 Rev 4.4	4/4/2005 2:57:00PM	0.0014	1.4	ug/L	U
001059	Thallium	N	E87052	200.8	4/9/2005 2:06:00AM	0.2	0.2	ug/L	U
001049	Lead	Y	E84282	200.7 Rev 4.4	4/4/2005 2:57:00PM	0.0015	1.5	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	4/5/2005 3:51:00AM	0.85	0.85	ug/L	U
001075	Silver	Y	E84282	200.7 Rev 4.4	4/4/2005 2:57:00PM	0.0019	1.9	ug/L	U
001030	Chromium	Y	E84282	200.7 Rev 4.4	4/4/2005 2:57:00PM	0.0017	1.7	ug/L	U
001025	Cadmium	Y	E84282	200.7 Rev 4.4	4/4/2005 2:57:00PM	0.00071	0.71	ug/L	U
001010	Beryllium	Y	E84282	200.7 Rev 4.4	4/4/2005 2:57:00PM	0.00074	0.74	ug/L	U
001005	Barium	Y	E84282	200.7 Rev 4.4	4/4/2005 2:57:00PM	0.01	1.2	ug/L	
001000	Arsenic	Y	E84282	200.7 Rev 4.4	4/4/2005 2:57:00PM	0.0038	3.8	ug/L	U
001095	Antimony	Y	E84282	200.7 Rev 4.4	4/4/2005 2:57:00PM	0.0029	2.9	ug/L	U
001087	Vanadium	N	E84282	200.7 Rev 4.4	4/4/2005 2:18:00PM	0.0025	2.5	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	4/5/2005 3:51:00AM	0.46	0.46	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	4/5/2005 3:51:00AM	0.63	0.63	ug/L	U
001057	Thallium	Y	E87052	200.8	4/9/2005 12:16:00AM	0.25	0.25	ug/L	U
001147	Selenium	N	E84282	200.7 Rev 4.4	4/4/2005 2:18:00PM	0.0048	4.8	ug/L	U
077103	2-Hexanone	N	E84282	8260B	4/5/2005 3:51:00AM	4.4	4.4	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	4/5/2005 3:51:00AM	0.52	0.52	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	4/4/2005 2:18:00PM	0.0059	5.9	ug/L	U
000620	Nitrogen, Nitrate	N	E84282	353.2	3/26/2005 8:18:00AM	0.01	0.01	mg/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	4/5/2005 3:51:00AM	8.4	8.4	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	4/5/2005 3:51:00AM	0.52	0.52	ug/L	U
001012	Beryllium	N	E84282	200.7 Rev 4.4	4/4/2005 2:18:00PM	0.00074	0.74	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	4/4/2005 2:18:00PM	0.00071	0.71	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	4/4/2005 2:18:00PM	0.0018	1.7	ug/L	I
001037	Cobalt	N	E84282	200.7 Rev 4.4	4/4/2005 2:18:00PM	0.0014	1.4	ug/L	U
001042	Copper	N	E84282	200.7 Rev 4.4	4/4/2005 2:18:00PM	0.0013	1.3	ug/L	U
001051	Lead	N	E84282	200.7 Rev 4.4	4/4/2005 2:18:00PM	0.0015	1.5	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	4/4/2005 2:18:00PM	0.053	1.2	ug/L	
001067	Nickel	N	E84282	200.7 Rev 4.4	4/4/2005 2:18:00PM	0.0047	4.7	ug/L	U
074010	Iron	N	E84282	200.7 Rev 4.4	4/4/2005 2:18:00PM	0.54	0.037	mg/L	
077057	Vinyl acetate	N	E84282	8260B	4/5/2005 3:51:00AM	1.5	1.5	ug/L	U
001097	Antimony	N	E84282	200.7 Rev 4.4	4/4/2005 2:18:00PM	0.0029	2.9	ug/L	U
071900	Mercury	N	E84282	245.1	3/31/2005 5:21:00PM	0.000072	0.072	ug/L	U
000610	Ammonia	N	E84282	350.1	4/1/2005 7:00:00PM	0.04	0.04	mg/L	U
000940	Chloride	N	E84282	325.2	4/20/2005 10:00:00PM	5.6	0.9	mg/L	
000515	Total Dissolved Solids	N	E84282	160.1	3/31/2005 1:30:00PM	180	5	mg/L	

* 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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Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 20109
WACS Testsite Name: MWB34I
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-III/F)

Sample Date/Time: 3/24/2005 8:15:00AM
Sampling Method: our Composite - (Surface Wal
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
039175	Vinyl chloride	N	E84282	8260B	4/5/2005 3:51:00AM	0.5	0.5	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	4/5/2005 3:51:00AM	0.98	0.98	ug/L	U
039180	Trichloroethene	N	E84282	8260B	4/5/2005 3:51:00AM	0.28	0.28	ug/L	U
001077	Silver	N	E84282	200.7 Rev 4.4	4/4/2005 2:18:00PM	0.0019	1.9	ug/L	U
001090	Zinc	Y	E84282	200.7 Rev 4.4	4/4/2005 2:57:00PM	0.018	5.9	ug/L	I
081551	Xylenes, Total	N	E84282	8260B	4/5/2005 3:51:00AM	0.98	0.98	ug/L	U
001040	Copper	Y	E84282	200.7 Rev 4.4	4/4/2005 2:57:00PM	0.0013	1.3	ug/L	U
071890	Mercury	Y	E84282	245.1	3/31/2005 5:23:00PM	0.000072	0.072	ug/L	U
001002	Arsenic	N	E84282	200.7 Rev 4.4	4/4/2005 2:18:00PM	0.0038	3.8	ug/L	U
034418	Chloromethane	N	E84282	8260B	4/5/2005 3:51:00AM	0.64	0.64	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	4/5/2005 3:51:00AM	0.34	0.34	ug/L	U
077128	Styrene	N	E84282	8260B	4/5/2005 3:51:00AM	0.98	0.98	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	4/5/2005 3:51:00AM	1	1	ug/L	U
078133	methyl isobutyl ketone	N	E84282	8260B	4/5/2005 3:51:00AM	3.8	3.8	ug/L	U
077424	Iodomethane	N	E84282	8260B	4/5/2005 3:51:00AM	0.67	0.67	ug/L	U
081552	Acetone	N	E84282	8260B	4/5/2005 3:51:00AM	9.9	9.9	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	4/5/2005 3:51:00AM	0.14	0.14	ug/L	U
034010	Toluene	N	E84282	8260B	4/5/2005 3:51:00AM	0.51	0.51	ug/L	U
046361	Methylene bromide	N	E84282	8260B	4/5/2005 3:51:00AM	0.41	0.41	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	4/5/2005 3:51:00AM	0.34	0.34	ug/L	U
032106	Chloroform	N	E84282	8260B	4/5/2005 3:51:00AM	0.9	0.9	ug/L	U
034311	Chloroethane	N	E84282	8260B	4/5/2005 3:51:00AM	0.8	0.8	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	4/5/2005 3:51:00AM	0.42	0.42	ug/L	U
034413	Bromomethane	N	E84282	8260B	4/5/2005 3:51:00AM	0.66	0.66	ug/L	U
032104	Bromoform	N	E84282	8260B	4/5/2005 3:51:00AM	0.58	0.58	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	4/5/2005 3:51:00AM	0.35	0.35	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	4/5/2005 3:51:00AM	0.58	0.58	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	4/5/2005 3:51:00AM	0.83	0.83	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	4/5/2005 3:51:00AM	0.57	0.57	ug/L	U
000299	Oxygen, Dissolved	N	E84282	360.1	3/24/2005 8:15:00AM	44		mg/L	
034546	trans-1,2-Dichloroethene	N	E84282	8260B	4/5/2005 3:51:00AM	0.44	0.44	ug/L	U
082545	Water Level	N	E84282	FIELD	3/24/2005 8:15:00AM	116		ft	
034496	1,1-Dichloroethane	N	E84282	8260B	4/5/2005 3:51:00AM	0.52	0.52	ug/L	U
034501	1,1-Dichloroethylene	N	E84282	8260B	4/5/2005 3:51:00AM	0.45	0.45	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	4/5/2005 3:51:00AM	0.15	0.15	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	4/5/2005 3:51:00AM	0.63	0.63	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	4/5/2005 3:51:00AM	0.65	0.65	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	4/5/2005 3:51:00AM	1.2	1.2	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	4/5/2005 3:51:00AM	0.14	0.14	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	4/5/2005 3:51:00AM	0.44	0.44	ug/L	U
034030	Benzene	N	E84282	8260B	4/5/2005 3:51:00AM	0.27	0.27	ug/L	U
082079	Turbidity	N	E84282	180.1	3/24/2005 7:49:00AM	31.7		NTU	
000010	Temperature	N	E84282	170.1	3/24/2005 8:15:00AM	21.7		Degrees C	
046369	Ethylene Dibromide	N	E84282	504.1	4/1/2005 9:32:00PM	0.0091	0.0091	ug/L	U
000403	pH	N	E84282	150.1	3/24/2005 8:15:00AM	5.37		SU	
000094	Specific Conductance	N	E84282	120.1	3/24/2005 8:15:00AM	44		umhos/cm	
034511	1,1,2-Trichloroethane	N	E84282	8260B	4/5/2005 3:51:00AM	0.47	0.47	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	4/5/2005 3:51:00AM	0.14	0.14	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	4/1/2005 9:32:00PM	0.0031	0.0031	ug/L	U

Total Parameters Monitored: 93

* 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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Form Produced by FDEP Validator software

Facility Name: Semi-annual Phase III/IV Trail Ridge

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 #: 0
 WACS Testsite Name: MWB34D
 Water Classification: G-II
 (i.e.: LC - Leachate, G-II, SW-III F)

Sample Date/Time: 3/24/2005 7:44:00AM
 Sampling Method: our Composite - (Surface Water)
 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
034571	1,4-Dichlorobenzene	N	E84282	8260B	4/5/2005 3:31:00AM	0.52	0.52	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	4/5/2005 3:31:00AM	0.46	0.46	ug/L	U
000094	Specific Conductance	N	E84282	120.1	3/24/2005 7:44:00AM	434		umhos/cm	
000403	pH	N	E84282	150.1	3/24/2005 7:44:00AM	7.23		SU	
000010	Temperature	N	E84282	170.1	3/24/2005 7:44:00AM	21.3		Degrees C	
082079	Turbidity	N	E84282	180.1	3/24/2005 7:49:00AM	0.7		NTU	
000299	Oxygen, Dissolved	N	E84282	360.1	3/24/2005 7:44:00AM	434		mg/L	
034536	1,2-Dichlorobenzene	N	E84282	8260B	4/5/2005 3:31:00AM	0.44	0.44	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	4/1/2005 9:11:00PM	0.0031	0.0031	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	4/5/2005 3:31:00AM	0.65	0.65	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	4/5/2005 3:31:00AM	0.63	0.63	ug/L	U
078133	methyl isobutyl ketone	N	E84282	8260B	4/5/2005 3:31:00AM	3.8	3.8	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	4/5/2005 3:31:00AM	0.14	0.14	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	4/5/2005 3:31:00AM	0.47	0.47	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	4/5/2005 3:31:00AM	0.52	0.52	ug/L	U
034501	1,1-Dichloroethylene	N	E84282	8260B	4/5/2005 3:31:00AM	0.45	0.45	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	4/5/2005 3:31:00AM	0.15	0.15	ug/L	U
082545	Water Level	N	E84282	FIELD	3/24/2005 7:44:00AM	116		ft	
032101	Bromodichloromethane	N	E84282	8260B	4/5/2005 3:31:00AM	0.35	0.35	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	4/5/2005 3:31:00AM	0.14	0.14	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	4/5/2005 3:31:00AM	0.83	0.83	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	4/5/2005 3:31:00AM	0.85	0.85	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	4/5/2005 3:31:00AM	8.4	8.4	ug/L	U
077103	2-Hexanone	N	E84282	8260B	4/5/2005 3:31:00AM	4.4	4.4	ug/L	U
081552	Acetone	N	E84282	8260B	4/5/2005 3:31:00AM	9.9	9.9	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	4/5/2005 3:31:00AM	1.2	1.2	ug/L	U
032104	Bromoform	N	E84282	8260B	4/5/2005 3:31:00AM	0.58	0.58	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	4/5/2005 3:31:00AM	0.58	0.58	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	4/5/2005 3:31:00AM	0.14	0.14	ug/L	U
034413	Bromomethane	N	E84282	8260B	4/5/2005 3:31:00AM	0.66	0.66	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	4/5/2005 3:31:00AM	0.42	0.42	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	4/5/2005 3:31:00AM	0.63	0.63	ug/L	U
034311	Chloroethane	N	E84282	8260B	4/5/2005 3:31:00AM	0.8	0.8	ug/L	U
032106	Chloroform	N	E84282	8260B	4/5/2005 3:31:00AM	0.9	0.9	ug/L	U
034418	Chloromethane	N	E84282	8260B	4/5/2005 3:31:00AM	0.64	0.64	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	4/5/2005 3:31:00AM	0.57	0.57	ug/L	U
034030	Benzene	N	E84282	8260B	4/5/2005 3:31:00AM	0.48	0.27	ug/L	I
077424	Iodomethane	N	E84282	8260B	4/5/2005 3:31:00AM	0.67	0.67	ug/L	U
039180	Trichloroethene	N	E84282	8260B	4/5/2005 3:31:00AM	0.28	0.28	ug/L	U
071900	Mercury	N	E84282	245.1	3/31/2005 5:19:00PM	0.072	0.072	ug/L	U
046361	Methylene bromide	N	E84282	8260B	4/5/2005 3:31:00AM	0.41	0.41	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	4/5/2005 3:31:00AM	1	1	ug/L	U
077128	Styrene	N	E84282	8260B	4/5/2005 3:31:00AM	0.98	0.98	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	4/5/2005 3:31:00AM	0.34	0.34	ug/L	U

* 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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Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 0
WACS Testsite Name: MWB34D
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-III(F))

Sample Date/Time: 3/24/2005 7:44:00AM
Sampling Method: our Composite - (Surface Water)
Permitted
Well Type: DE

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (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
034010	Toluene	N	E84282	8260B	4/5/2005 3:31:00AM	0.51	0.51	ug/L	U
001042	Copper	N	E84282	200.7 Rev 4.4	4/4/2005 2:13:00PM	1.3	1.3	ug/L	U
001097	Antimony	N	E84282	200.7 Rev 4.4	4/4/2005 2:13:00PM	2.9	2.9	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	4/5/2005 3:31:00AM	2.5	2.5	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	4/5/2005 3:31:00AM	1.5	1.5	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	4/5/2005 3:31:00AM	0.5	0.5	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	4/5/2005 3:31:00AM	0.98	0.98	ug/L	U
000515	Total Dissolved Solids	N	E84282	160.1	3/31/2005 1:30:00PM	5	5	mg/L	U
046369	Ethylene Dibromide	N	E84282	504.1	4/1/2005 9:11:00PM	0.009	0.009	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	4/5/2005 3:31:00AM	0.52	0.52	ug/L	U
000940	Chloride	N	E84282	325.2	4/20/2005 10:00:00PM	5.4	0.9	mg/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	4/5/2005 3:31:00AM	0.44	0.44	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	4/4/2005 2:13:00PM	1.7	1.7	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	4/5/2005 3:31:00AM	0.34	0.34	ug/L	U
001002	Arsenic	N	E84282	200.7 Rev 4.4	4/4/2005 2:13:00PM	3.8	3.8	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	4/5/2005 3:31:00AM	0.98	0.98	ug/L	U
001059	Thallium	N	E87052	200.8	4/9/2005 1:58:00AM	0.2	0.2	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	4/4/2005 2:13:00PM	110	1.2	ug/L	U
001012	Beryllium	N	E84282	200.7 Rev 4.4	4/4/2005 2:13:00PM	0.74	0.74	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	4/4/2005 2:13:00PM	0.71	0.71	ug/L	U
001037	Cobalt	N	E84282	200.7 Rev 4.4	4/4/2005 2:13:00PM	1.4	1.4	ug/L	U
000620	Nitrogen, Nitrate	N	E84282	353.2	3/26/2005 8:18:00AM	0.01	0.01	mg/L	U
001077	Silver	N	E84282	200.7 Rev 4.4	4/4/2005 2:13:00PM	1.9	1.9	ug/L	U
001051	Lead	N	E84282	200.7 Rev 4.4	4/4/2005 2:13:00PM	1.5	1.5	ug/L	U
000610	Ammonia	N	E84282	350.1	4/1/2005 7:00:00PM	0.16	0.04	mg/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	4/4/2005 2:13:00PM	5.9	5.9	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	4/4/2005 2:13:00PM	4.7	4.7	ug/L	U
001147	Selenium	N	E84282	200.7 Rev 4.4	4/4/2005 2:13:00PM	4.8	4.8	ug/L	U
074010	Iron	N	E84282	200.7 Rev 4.4	4/4/2005 2:13:00PM	0.5	0.037	mg/L	U
001087	Vanadium	N	E84282	200.7 Rev 4.4	4/4/2005 2:13:00PM	2.5	2.5	ug/L	U
000929	Sodium	N	E84282	200.7 Rev 4.4	4/4/2005 2:13:00PM	6.1	0.15	mg/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.

Printed: 4/27/2005

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Form Produced by FDEP Validator software

Facility Name: SEMI-ANNUAL PHASE I/TRAIL RIDGE

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 #: 0
WACS Testsite Name: DUP01
Water Classification: G-II
(i.e.: LC - Leachate, G-I, SW-III/F)

Sample Date/Time: 3/22/2005 9:45:00AM
Sampling Method: our Composite - (Surface Wa
Permitted
Well Type: CO

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (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
034301	Chlorobenzene	N	E84282	8260B	3/30/2005 5:39:00AM	0.63	0.63	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	3/30/2005 5:39:00AM	0.47	0.47	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/30/2005 5:39:00AM	2.5	2.5	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	3/30/2005 5:39:00AM	0.14	0.14	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	3/30/2005 5:39:00AM	0.14	0.14	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	3/30/2005 5:39:00AM	0.65	0.65	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	3/30/2005 5:39:00AM	1.2	1.2	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	3/30/2005 5:39:00AM	0.98	0.98	ug/L	U
001087	Vanadium	N	E84282	200.7 Rev 4.4	3/31/2005 9:50:00AM	2.5	2.5	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	3/30/2005 5:39:00AM	0.5	0.5	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	3/30/2005 5:39:00AM	0.42	0.42	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	3/30/2005 5:39:00AM	0.85	0.85	ug/L	U
034413	Bromomethane	N	E84282	8260B	3/30/2005 5:39:00AM	0.66	0.66	ug/L	U
032104	Bromoform	N	E84282	8260B	3/30/2005 5:39:00AM	0.58	0.58	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	3/30/2005 5:39:00AM	0.35	0.35	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	3/30/2005 5:39:00AM	0.52	0.52	ug/L	U
032106	Chloroform	N	E84282	8260B	3/30/2005 5:39:00AM	0.9	0.9	ug/L	U
077103	2-Hexanone	N	E84282	8260B	3/30/2005 5:39:00AM	4.4	4.4	ug/L	U
001051	Lead	N	E84282	200.7 Rev 4.4	3/31/2005 9:50:00AM	1.5	1.5	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	3/30/2005 5:39:00AM	0.34	0.34	ug/L	U
001147	Selenium	N	E84282	200.7 Rev 4.4	3/31/2005 9:50:00AM	4.8	4.8	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	3/31/2005 9:50:00AM	4.7	4.7	ug/L	U
001037	Cobalt	N	E84282	200.7 Rev 4.4	3/31/2005 9:50:00AM	1.4	1.4	ug/L	U
074010	Iron	N	E84282	200.7 Rev 4.4	3/31/2005 9:50:00AM	0.44	0.037	mg/L	
039180	Trichloroethene	N	E84282	8260B	3/30/2005 5:39:00AM	0.28	0.28	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	3/31/2005 9:50:00AM	1.7	1.7	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	3/30/2005 5:39:00AM	1.5	1.5	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	3/31/2005 9:50:00AM	0.71	0.71	ug/L	U
034311	Chloroethane	N	E84282	8260B	3/30/2005 5:39:00AM	0.8	0.8	ug/L	U
000620	Nitrogen, Nitrate	N	E84282	353.2	3/24/2005 7:44:00AM	0.01	0.01	mg/L	U
000610	Ammonia	N	E84282	350.1	3/31/2005 4:40:00PM	0.68	0.04	mg/L	
000940	Chloride	N	E84282	325.2	3/30/2005 5:30:00PM	9	0.9	mg/L	
000515	Total Dissolved Solids	N	E84282	160.1	3/28/2005 12:00:00PM	58	5	mg/L	
001042	Copper	N	E84282	200.7 Rev 4.4	3/31/2005 9:50:00AM	1.3	1.3	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	3/30/2005 5:39:00AM	0.15	0.15	ug/L	U
001077	Silver	N	E84282	200.7 Rev 4.4	3/31/2005 9:50:00AM	1.9	1.9	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	3/30/2005 5:39:00AM	0.58	0.58	ug/L	U
000929	Sodium	N	E84282	200.7 Rev 4.4	3/31/2005 9:50:00AM	5.6	0.15	mg/L	
081552	Acetone	N	E84282	8260B	3/30/2005 5:39:00AM	9.9	9.9	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	3/31/2005 9:50:00AM	5.9	5.9	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	3/30/2005 5:39:00AM	0.52	0.52	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	3/30/2005 5:39:00AM	0.83	0.83	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	3/30/2005 5:39:00AM	0.44	0.44	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/30/2005 2:02:00AM	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.

Printed: 4/27/2005

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Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 0
WACS Testsite Name: DUP01
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-III/F)

Sample Date/Time: 3/22/2005 9:45:00AM
Sampling Method: our Composite - (Surface Water)
Permitted
Well Type: CO

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (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
034501	1,1-Dichloroethylene	N	E84282	8260B	3/30/2005 5:39:00AM	0.45	0.45	ug/L	U
071900	Mercury	N	E84282	245.1	3/29/2005 5:01:00PM	0.072	0.072	ug/L	U
001059	Thallium	N	E87052	200.8	4/1/2005 10:47:00PM	0.2	0.2	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/30/2005 5:39:00AM	0.14	0.14	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	3/30/2005 5:39:00AM	0.98	0.98	ug/L	U
001012	Beryllium	N	E84282	200.7 Rev 4.4	3/31/2005 9:50:00AM	0.74	0.74	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	3/30/2005 5:39:00AM	0.57	0.57	ug/L	U
001097	Antimony	N	E84282	200.7 Rev 4.4	3/31/2005 9:50:00AM	2.9	2.9	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	3/30/2005 5:39:00AM	0.46	0.46	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/30/2005 5:39:00AM	0.63	0.63	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	3/30/2005 5:39:00AM	0.52	0.52	ug/L	U
077424	Iodomethane	N	E84282	8260B	3/30/2005 5:39:00AM	0.67	0.67	ug/L	U
034418	Chloromethane	N	E84282	8260B	3/30/2005 5:39:00AM	0.64	0.64	ug/L	U
034030	Benzene	N	E84282	8260B	3/30/2005 5:39:00AM	0.27	0.27	ug/L	U
001002	Arsenic	N	E84282	200.7 Rev 4.4	3/31/2005 9:50:00AM	3.8	3.8	ug/L	U
046369	Ethylene Dibromide	N	E84282	504.1	3/30/2005 2:02:00AM	0.0088	0.0088	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	3/30/2005 5:39:00AM	0.44	0.44	ug/L	U
078133	methyl isobutyl ketone	N	E84282	8260B	3/30/2005 5:39:00AM	3.8	3.8	ug/L	U
034010	Toluene	N	E84282	8260B	3/30/2005 5:39:00AM	0.51	0.51	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	3/30/2005 5:39:00AM	0.34	0.34	ug/L	U
077128	Styrene	N	E84282	8260B	3/30/2005 5:39:00AM	0.98	0.98	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	3/30/2005 5:39:00AM	1	1	ug/L	U
046361	Methylene bromide	N	E84282	8260B	3/30/2005 5:39:00AM	0.41	0.41	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	3/31/2005 9:50:00AM	31	1.2	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	3/30/2005 5:39:00AM	8.4	8.4	ug/L	U

Total Parameters Monitored: 69

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

Facility Name: SEMI-ANNUAL PHASE I/TRAIL RIDGE

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 #: 0
WACS Testsite Name: DUP02
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-III/F)

Sample Date/Time: 3/22/2005 12:53:00PM
Sampling Method: our Composite - (Surface Water)
Permitted
Well Type: CO

(AS) Assessment
(BC) 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
034488	Trichlorofluoromethane	N	E84282	8260B	3/30/2005 8:50:00AM	0.98	0.98	ug/L	U
034030	Benzene	N	E84282	8260B	3/30/2005 8:50:00AM	0.27	0.27	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/30/2005 6:15:00AM	0.0032	0.0032	ug/L	U
046369	Ethylene Dibromide	N	E84282	504.1	3/30/2005 6:15:00AM	0.0092	0.0092	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/30/2005 8:50:00AM	0.63	0.63	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	3/30/2005 8:50:00AM	0.63	0.63	ug/L	U
034311	Chloroethane	N	E84282	8260B	3/30/2005 8:50:00AM	0.8	0.8	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/30/2005 8:50:00AM	0.14	0.14	ug/L	U
001077	Silver	N	E84282	200.7 Rev 4.4	3/31/2005 10:54:00AM	1.9	1.9	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	3/30/2005 8:50:00AM	0.5	0.5	ug/L	U
001051	Lead	N	E84282	200.7 Rev 4.4	3/31/2005 10:54:00AM	1.5	1.5	ug/L	U
000515	Total Dissolved Solids	N	E84282	160.1	3/28/2005 12:00:00PM	94	5	mg/L	
381551	Xylenes, Total	N	E84282	8260B	3/30/2005 8:50:00AM	0.98	0.98	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	3/30/2005 8:50:00AM	0.42	0.42	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	3/30/2005 8:50:00AM	0.46	0.46	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	3/30/2005 8:50:00AM	1.5	1.5	ug/L	U
000940	Chloride	N	E84282	325.2	3/30/2005 5:30:00PM	12	0.9	mg/L	
039180	Trichloroethene	N	E84282	8260B	3/30/2005 8:50:00AM	0.28	0.28	ug/L	U
001147	Selenium	N	E84282	200.7 Rev 4.4	3/31/2005 10:54:00AM	4.8	4.8	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/30/2005 8:50:00AM	2.5	2.5	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	3/30/2005 8:50:00AM	0.14	0.14	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	3/30/2005 8:50:00AM	0.44	0.44	ug/L	U
034010	Toluene	N	E84282	8260B	3/30/2005 8:50:00AM	0.51	0.51	ug/L	U
034418	Chloromethane	N	E84282	8260B	3/30/2005 8:50:00AM	0.64	0.64	ug/L	U
032106	Chloroform	N	E84282	8260B	3/30/2005 8:50:00AM	0.9	0.9	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	3/31/2005 10:54:00AM	4.7	4.7	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	3/30/2005 8:50:00AM	0.58	0.58	ug/L	U
001042	Copper	N	E84282	200.7 Rev 4.4	3/31/2005 10:54:00AM	1.3	1.3	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	3/31/2005 10:54:00AM	0.71	0.71	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	3/31/2005 10:54:00AM	1.7	1.7	ug/L	U
001037	Cobalt	N	E84282	200.7 Rev 4.4	3/31/2005 10:54:00AM	1.4	1.4	ug/L	U
081552	Acetone	N	E84282	8260B	3/30/2005 8:50:00AM	9.9	9.9	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	3/30/2005 8:50:00AM	0.35	0.35	ug/L	U
077424	Iodomethane	N	E84282	8260B	3/30/2005 8:50:00AM	0.67	0.67	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	3/30/2005 8:50:00AM	0.85	0.85	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	3/30/2005 8:50:00AM	0.52	0.52	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	3/30/2005 8:50:00AM	0.15	0.15	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	3/30/2005 8:50:00AM	0.57	0.57	ug/L	U
001002	Arsenic	N	E84282	200.7 Rev 4.4	3/31/2005 10:54:00AM	3.8	3.8	ug/L	U
074010	Iron	N	E84282	200.7 Rev 4.4	3/31/2005 10:54:00AM	0.19	0.037	mg/L	
001097	Antimony	N	E84282	200.7 Rev 4.4	3/31/2005 10:54:00AM	2.9	2.9	ug/L	U
077103	2-Hexanone	N	E84282	8260B	3/30/2005 8:50:00AM	4.4	4.4	ug/L	U
000929	Sodium	N	E84282	200.7 Rev 4.4	3/31/2005 10:54:00AM	8	0.15	mg/L	
034511	1,1,2-Trichloroethane	N	E84282	8260B	3/30/2005 8:50:00AM	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.

Printed: 4/27/2005

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Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 0
WACS Testsite Name: DUP02
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-III)

Sample Date/Time: 3/22/2005 12:53:00PM
Sampling Method: our Composite - (Surface Water)
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
034496	1,1-Dichloroethane	N	E84282	8260B	3/30/2005 8:50:00AM	0.52	0.52	ug/L	U
034501	1,1-Dichloroethylene	N	E84282	8260B	3/30/2005 8:50:00AM	0.45	0.45	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	3/30/2005 8:50:00AM	0.44	0.44	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	3/30/2005 8:50:00AM	8.4	8.4	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	3/30/2005 8:50:00AM	0.14	0.14	ug/L	U
032104	Bromoform	N	E84282	8260B	3/30/2005 8:50:00AM	0.58	0.58	ug/L	U
034413	Bromomethane	N	E84282	8260B	3/30/2005 8:50:00AM	0.66	0.66	ug/L	U
071900	Mercury	N	E84282	245.1	3/29/2005 5:22:00PM	0.072	0.072	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	3/31/2005 10:54:00AM	5.9	5.9	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	3/31/2005 10:54:00AM	8.1	1.2	ug/L	I
034541	1,2-Dichloropropane	N	E84282	8260B	3/30/2005 8:50:00AM	0.52	0.52	ug/L	U
078133	methyl isobutyl ketone	N	E84282	8260B	3/30/2005 8:50:00AM	3.8	3.8	ug/L	U
046361	Methylene bromide	N	E84282	8260B	3/30/2005 8:50:00AM	0.41	0.41	ug/L	U
001012	Beryllium	N	E84282	200.7 Rev 4.4	3/31/2005 10:54:00AM	0.74	0.74	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	3/30/2005 8:50:00AM	0.34	0.34	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	3/30/2005 8:50:00AM	0.83	0.83	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	3/30/2005 8:50:00AM	0.65	0.65	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	3/30/2005 8:50:00AM	1.2	1.2	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	3/30/2005 8:50:00AM	1	1	ug/L	U
077128	Styrene	N	E84282	8260B	3/30/2005 8:50:00AM	0.98	0.98	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	3/30/2005 8:50:00AM	0.34	0.34	ug/L	U
000610	Ammonia	N	E84282	350.1	3/31/2005 4:40:00PM	0.16	0.04	mg/L	
000620	Nitrogen, Nitrate	N	E84282	353.2	3/24/2005 7:44:00AM	0.01	0.01	mg/L	U
001087	Vanadium	N	E84282	200.7 Rev 4.4	3/31/2005 10:54:00AM	2.5	2.5	ug/L	U
001059	Thallium	N	E87052	200.8	4/2/2005 12:15:00AM	0.2	0.2	ug/L	U

Total Parameters Monitored: 69

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

Printed: 4/27/2005

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Form Produced by FDEP Validator software

Facility Name: TRAIL RIDGE/SEMI-ANNUAL PHASE V

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 #: 0
 WACS Testsite Name: DUP03
 Water Classification: G-II
 (i.e.: LC - Leachate, G-II, SW-IIIIF)

Sample Date/Time: 3/23/2005 7:49:00AM
 Sampling Method: Unknown
 Permitted
 Well Type: CO

(AS) Assessment (IW) Irrigation Well
 (BG) Background (OT) Other
 (CO) Compliance (PZ) Piezometer
 (DE) Detection (SO) Source
 (DG) Downgradient (UP) Upgradient
 (IM) Intermediate (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
032101	Bromodichloromethane	N	E84282	8260B	4/1/2005 2:13:00AM	0.35	0.35	ug/L	U
032106	Chloroform	N	E84282	8260B	4/1/2005 2:13:00AM	0.9	0.9	ug/L	U
034311	Chloroethane	N	E84282	8260B	4/1/2005 2:13:00AM	0.8	0.8	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	4/1/2005 2:13:00AM	0.98	0.98	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	4/1/2005 8:15:00AM	5.9	5.9	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	4/1/2005 2:13:00AM	0.98	0.98	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	4/1/2005 2:13:00AM	0.63	0.63	ug/L	U
034418	Chloromethane	N	E84282	8260B	4/1/2005 2:13:00AM	0.64	0.64	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	4/1/2005 2:13:00AM	0.65	0.65	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	4/1/2005 2:13:00AM	0.44	0.44	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	4/1/2005 2:13:00AM	0.14	0.14	ug/L	U
001051	Lead	N	E84282	200.7 Rev 4.4	4/1/2005 8:15:00AM	1.5	1.5	ug/L	U
J39180	Trichloroethene	N	E84282	8260B	4/1/2005 2:13:00AM	0.28	0.28	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	4/1/2005 8:15:00AM	1.7	1.7	ug/L	U
071900	Mercury	N	E84282	245.1	3/31/2005 4:18:00PM	0.072	0.072	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	4/1/2005 2:13:00AM	2.5	2.5	ug/L	U
001002	Arsenic	N	E84282	200.7 Rev 4.4	4/1/2005 8:15:00AM	3.8	3.8	ug/L	U
074010	Iron	N	E84282	200.7 Rev 4.4	4/1/2005 8:15:00AM	0.49	0.037	mg/L	U
000929	Sodium	N	E84282	200.7 Rev 4.4	4/1/2005 8:15:00AM	3.1	0.15	mg/L	U
001042	Copper	N	E84282	200.7 Rev 4.4	4/1/2005 8:15:00AM	1.3	1.3	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	4/1/2005 2:13:00AM	0.5	0.5	ug/L	U
001037	Cobalt	N	E84282	200.7 Rev 4.4	4/1/2005 8:15:00AM	1.4	1.4	ug/L	U
001147	Selenium	N	E84282	200.7 Rev 4.4	4/1/2005 8:15:00AM	4.8	4.8	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	4/1/2005 8:15:00AM	0.71	0.71	ug/L	U
032104	Bromoform	N	E84282	8260B	4/1/2005 2:13:00AM	0.58	0.58	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	4/1/2005 8:15:00AM	54	1.2	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/31/2005 5:25:00AM	0.003	0.003	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	4/1/2005 2:13:00AM	0.47	0.47	ug/L	U
034413	Bromomethane	N	E84282	8260B	4/1/2005 2:13:00AM	0.66	0.66	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	4/1/2005 2:13:00AM	0.85	0.85	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	4/1/2005 2:13:00AM	0.58	0.58	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	4/1/2005 2:13:00AM	0.14	0.14	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	4/1/2005 2:13:00AM	0.46	0.46	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	4/1/2005 2:13:00AM	0.63	0.63	ug/L	U
046369	Ethylene Dibromide	N	E84282	504.1	3/31/2005 5:25:00AM	0.0088	0.0088	ug/L	U
001012	Beryllium	N	E84282	200.7 Rev 4.4	4/1/2005 8:15:00AM	0.74	0.74	ug/L	U
078133	methyl isobutyl ketone	N	E84282	8260B	4/1/2005 2:13:00AM	3.8	3.8	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	4/1/2005 2:13:00AM	0.44	0.44	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	4/1/2005 2:13:00AM	0.52	0.52	ug/L	U
077103	2-Hexanone	N	E84282	8260B	4/1/2005 2:13:00AM	4.4	4.4	ug/L	U
001059	Thallium	N	E84282	200.8	4/1/2005 5:57:00PM	0.2	0.2	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	4/1/2005 2:13:00AM	1.2	1.2	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	4/1/2005 2:13:00AM	0.57	0.57	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	4/1/2005 2:13:00AM	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.

Printed: 5/2/2005

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Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 0
WACS Testsite Name: DUP03
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-III/F)

Sample Date/Time: 3/23/2005 7:49:00AM
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
077443	1,2,3-Trichloropropane	N	E84282	8260B	4/1/2005 2:13:00AM	0.15	0.15	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	4/1/2005 2:13:00AM	8.4	8.4	ug/L	U
081552	Acetone	N	E84282	8260B	4/1/2005 2:13:00AM	9.9	9.9	ug/L	U
046361	Methylene bromide	N	E84282	8260B	4/1/2005 2:13:00AM	0.41	0.41	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	4/1/2005 2:13:00AM	1	1	ug/L	U
077128	Styrene	N	E84282	8260B	4/1/2005 2:13:00AM	0.98	0.98	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	4/1/2005 2:13:00AM	0.34	0.34	ug/L	U
034010	Toluene	N	E84282	8260B	4/1/2005 2:13:00AM	0.51	0.51	ug/L	U
000620	Nitrogen, Nitrate	N	E84282	353.2	3/25/2005 8:26:00AM	0.01	0.01	mg/L	U
000630	Nitrogen, Nitrate Nitrite	N	E84282	353.2	3/25/2005 8:26:00AM	0.01	0.01	mg/L	U
032105	Dibromochloromethane	N	E84282	8260B	4/1/2005 2:13:00AM	0.34	0.34	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	4/1/2005 2:13:00AM	0.83	0.83	ug/L	U
001077	Silver	N	E84282	200.7 Rev 4.4	4/1/2005 8:15:00AM	1.9	1.9	ug/L	U
000515	Total Dissolved Solids	N	E84282	160.1	4/22/2005 1:30:00PM	52	5	mg/L	
000940	Chloride	N	E84282	325.3	4/4/2005 8:00:00PM	5	1	mg/L	
000610	Ammonia	N	E84282	350.1	4/1/2005 4:30:00PM	0.043	0.04	mg/L	I
000615	Nitrogen, Nitrite	N	E84282	353.2	3/25/2005 8:26:00AM	0.01	0.01	mg/L	U
034030	Benzene	N	E84282	8260B	4/1/2005 2:13:00AM	0.27	0.27	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	4/1/2005 8:15:00AM	4.7	4.7	ug/L	U
001087	Vanadium	N	E84282	200.7 Rev 4.4	4/1/2005 8:15:00AM	2.5	2.5	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	4/1/2005 2:13:00AM	0.42	0.42	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	4/1/2005 2:13:00AM	1.5	1.5	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	4/1/2005 2:13:00AM	0.52	0.52	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	4/1/2005 2:13:00AM	0.52	0.52	ug/L	U
034501	1,1-Dichloroethylene	N	E84282	8260B	4/1/2005 2:13:00AM	0.45	0.45	ug/L	U
077424	Iodomethane	N	E84282	8260B	4/1/2005 2:13:00AM	0.67	0.67	ug/L	U
001097	Antimony	N	E84282	200.7 Rev 4.4	4/1/2005 8:15:00AM	2.9	2.9	ug/L	U

Total Parameters Monitored: 71

* 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/SEMI-ANNUAL BACKGROUND

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 #: 0
 WACS Testsite Name: DUP04
 Water Classification: G-II
 (i.e.: LC - Leachate, G-II, SW-III(F))

Sample Date/Time: 3/23/2005 12:41:00PM
 Sampling Method: Unknown
 Permitted
 Well Type: BG

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

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

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
34311	Chloroethane	N	E84282	8260B	3/31/2005 8:28:00PM	0.8	0.8	ug/L	U
1092	Zinc	N	E84282	200.7 Rev 4.4	4/1/2005 9:29:00AM	5.9	5.9	ug/L	U
1059	Thallium	N	E84282	200.8	4/1/2005 7:46:00PM	0.2	0.2	ug/L	U
39175	Vinyl chloride	N	E84282	8260B	3/31/2005 8:28:00PM	0.5	0.5	ug/L	U
620	Nitrogen, Nitrate	N	E84282	353.2	3/25/2005 1:41:00PM	0.01	0.01	mg/L	U
34371	Ethylbenzene	N	E84282	8260B	3/31/2005 8:28:00PM	0.83	0.83	ug/L	U
77041	Carbon disulfide	N	E84282	8260B	3/31/2005 8:28:00PM	0.85	0.85	ug/L	U
32102	Carbon tetrachloride	N	E84282	8260B	3/31/2005 8:28:00PM	0.42	0.42	ug/L	U
34301	Chlorobenzene	N	E84282	8260B	3/31/2005 8:28:00PM	0.63	0.63	ug/L	U
71900	Mercury	N	E84282	245.1	3/31/2005 4:42:00PM	0.072	0.072	ug/l	U
1097	Antimony	N	E84282	200.7 Rev 4.4	4/1/2005 9:29:00AM	2.9	2.9	ug/L	U
32106	Chloroform	N	E84282	8260B	3/31/2005 8:28:00PM	0.9	0.9	ug/L	U
34418	Chloromethane	N	E84282	8260B	3/31/2005 8:28:00PM	0.64	0.64	ug/L	U
77093	cis-1,2-Dichloroethene	N	E84282	8260B	3/31/2005 8:28:00PM	0.65	0.65	ug/L	U
1002	Arsenic	N	E84282	200.7 Rev 4.4	4/1/2005 9:29:00AM	3.8	3.8	ug/L	U
32105	Dibromochloromethane	N	E84282	8260B	3/31/2005 8:28:00PM	0.34	0.34	ug/L	U
77443	1,2,3-Trichloropropane	N	E84282	8260B	3/31/2005 8:28:00PM	0.15	0.15	ug/L	U
39180	Trichloroethene	N	E84282	8260B	3/31/2005 8:28:00PM	0.28	0.28	ug/L	U
77057	Vinyl acetate	N	E84282	8260B	3/31/2005 8:28:00PM	1.5	1.5	ug/L	U
1087	Vanadium	N	E84282	200.7 Rev 4.4	4/1/2005 9:29:00AM	2.5	2.5	ug/L	U
34541	1,2-Dichloropropane	N	E84282	8260B	3/31/2005 8:28:00PM	0.52	0.52	ug/L	U
81551	Xylenes, Total	N	E84282	8260B	3/31/2005 8:28:00PM	0.98	0.98	ug/L	U
34488	Trichlorofluoromethane	N	E84282	8260B	3/31/2005 8:28:00PM	0.98	0.98	ug/L	U
81552	Acetone	N	E84282	8260B	3/31/2005 8:28:00PM	9.9	9.9	ug/L	U
1077	Silver	N	E84282	200.7 Rev 4.4	4/1/2005 9:29:00AM	1.9	1.9	ug/L	U
1007	Barium	N	E84282	200.7 Rev 4.4	4/1/2005 9:29:00AM	92	1.2	ug/L	U
34571	1,4-Dichlorobenzene	N	E84282	8260B	3/31/2005 8:28:00PM	0.52	0.52	ug/L	U
34496	1,1-Dichloroethane	N	E84282	8260B	3/31/2005 8:28:00PM	0.52	0.52	ug/L	U
34511	1,1,2-Trichloroethane	N	E84282	8260B	3/31/2005 8:28:00PM	0.47	0.47	ug/L	U
34516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/31/2005 8:28:00PM	0.14	0.14	ug/L	U
34506	1,1,1-Trichloroethane	N	E84282	8260B	3/31/2005 8:28:00PM	0.46	0.46	ug/L	U
77562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/31/2005 8:28:00PM	0.63	0.63	ug/L	U
46369	Ethylene Dibromide	N	E84282	504.1	3/31/2005 1:28:00PM	0.0091	0.0091	ug/L	U
38437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/31/2005 1:28:00PM	0.0031	0.0031	ug/L	U
34536	1,2-Dichlorobenzene	N	E84282	8260B	3/31/2005 8:28:00PM	0.44	0.44	ug/L	U
78133	methyl isobutyl ketone	N	E84282	8260B	3/31/2005 8:28:00PM	3.8	3.8	ug/L	U
77128	Styrene	N	E84282	8260B	3/31/2005 8:28:00PM	0.98	0.98	ug/L	U
77103	2-Hexanone	N	E84282	8260B	3/31/2005 8:28:00PM	4.4	4.4	ug/L	U
1067	Nickel	N	E84282	200.7 Rev 4.4	4/1/2005 9:29:00AM	4.7	4.7	ug/L	U
34501	1,1-Dichloroethylene	N	E84282	8260B	3/31/2005 8:28:00PM	0.45	0.45	ug/L	U
1034	Chromium	N	E84282	200.7 Rev 4.4	4/1/2005 9:29:00AM	1.7	1.7	ug/L	U
1037	Cobalt	N	E84282	200.7 Rev 4.4	4/1/2005 9:29:00AM	1.4	1.4	ug/L	U
1042	Copper	N	E84282	200.7 Rev 4.4	4/1/2005 9:29:00AM	1.3	1.3	ug/L	U
74010	Iron	N	E84282	200.7 Rev 4.4	4/1/2005 9:29:00AM	0.66	0.037	mg/L	U

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

Printed: 5/2/2005

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Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 0
WACS Testsite Name: DUP04
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-III-F)

Sample Date/Time: 3/23/2005 12:41:00PM
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
81595	Methyl Ethyl Ketone	N	E84282	8260B	3/31/2005 8:28:00PM	8.4	8.4	ug/L	U
34531	1,2-Dichloroethane	N	E84282	8260B	3/31/2005 8:28:00PM	0.57	0.57	ug/L	U
515	Total Dissolved Solids	N	E84282	160.1	4/22/2005 1:30:00PM	200	5	mg/L	
32104	Bromoform	N	E84282	8260B	3/31/2005 8:28:00PM	0.58	0.58	ug/L	U
32101	Bromodichloromethane	N	E84282	8260B	3/31/2005 8:28:00PM	0.35	0.35	ug/L	U
73085	Bromochloromethane	N	E84282	8260B	3/31/2005 8:28:00PM	0.58	0.58	ug/L	U
34030	Benzene	N	E84282	8260B	3/31/2005 8:28:00PM	0.27	0.27	ug/L	U
34215	Acrylonitrile	N	E84282	8260B	3/31/2005 8:28:00PM	1.2	1.2	ug/L	U
929	Sodium	N	E84282	200.7 Rev 4.4	4/1/2005 9:29:00AM	5.9	0.15	mg/l	
1051	Lead	N	E84282	200.7 Rev 4.4	4/1/2005 9:29:00AM	1.5	1.5	ug/L	U
34699	trans-1,3-Dichloropropene	N	E84282	8260B	3/31/2005 8:28:00PM	0.14	0.14	ug/L	U
940	Chloride	N	E84282	325.2	4/4/2005 1:30:00PM	7	0.9	mg/L	
46361	Methylene bromide	N	E84282	8260B	3/31/2005 8:28:00PM	0.41	0.41	ug/L	U
34423	Methylene Chloride	N	E84282	8260B	3/31/2005 8:28:00PM	1	1	ug/L	U
1027	Cadmium	N	E84282	200.7 Rev 4.4	4/1/2005 9:29:00AM	0.71	0.71	ug/L	U
34546	trans-1,2-Dichloroethene	N	E84282	8260B	3/31/2005 8:28:00PM	0.44	0.44	ug/L	U
34475	Tetrachloroethene	N	E84282	8260B	3/31/2005 8:28:00PM	0.34	0.34	ug/L	U
49263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/31/2005 8:28:00PM	2.5	2.5	ug/L	U
34413	Bromomethane	N	E84282	8260B	3/31/2005 8:28:00PM	0.66	0.66	ug/L	U
1147	Selenium	N	E84282	200.7 Rev 4.4	4/1/2005 9:29:00AM	4.8	4.8	ug/L	U
1012	Beryllium	N	E84282	200.7 Rev 4.4	4/1/2005 9:29:00AM	0.74	0.74	ug/L	U
77424	Iodomethane	N	E84282	8260B	3/31/2005 8:28:00PM	0.67	0.67	ug/L	U
34704	cis-1,3-Dichloropropene	N	E84282	8260B	3/31/2005 8:28:00PM	0.14	0.14	ug/L	U
610	Ammonia	N	E84282	350.1	4/1/2005 4:30:00PM	0.11	0.04	mg/L	
34010	Toluene	N	E84282	8260B	3/31/2005 8:28:00PM	0.51	0.51	ug/L	U

Total Parameters Monitored: 69

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

Printed: 5/2/2005

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Form Produced by FDEP Validator software

Facility Name: TRAIL RIDGE/SEMI-ANNUAL BACKGROUND

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 #: 0
 WACS Testsite Name: TRIP BLANK APPI
 Water Classification: G-II
 (i.e.: LC - Leachate, G-II, SW-III/F)

Sample Date/Time: 3/23/2005 12:01:00PM
 Sampling Method: Unknown
 Permitted
 Well Type: BG

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

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

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
77093	cis-1,2-Dichloroethene	N	E84282	8260B	3/31/2005 6:33:00PM	0.65	0.65	ug/L	U
34010	Toluene	N	E84282	8260B	3/31/2005 6:33:00PM	0.51	0.51	ug/L	U
77041	Carbon disulfide	N	E84282	8260B	3/31/2005 6:33:00PM	0.85	0.85	ug/L	U
34699	trans-1,3-Dichloropropene	N	E84282	8260B	3/31/2005 6:33:00PM	0.14	0.14	ug/L	U
34413	Bromomethane	N	E84282	8260B	3/31/2005 6:33:00PM	0.66	0.66	ug/L	U
34571	1,4-Dichlorobenzene	N	E84282	8260B	3/31/2005 6:33:00PM	0.52	0.52	ug/L	U
34418	Chloromethane	N	E84282	8260B	3/31/2005 6:33:00PM	0.64	0.64	ug/L	U
34531	1,2-Dichloroethane	N	E84282	8260B	3/31/2005 6:33:00PM	0.57	0.57	ug/L	U
34541	1,2-Dichloropropane	N	E84282	8260B	3/31/2005 6:33:00PM	0.52	0.52	ug/L	U
32106	Chloroform	N	E84282	8260B	3/31/2005 6:33:00PM	0.9	0.9	ug/L	U
34311	Chloroethane	N	E84282	8260B	3/31/2005 6:33:00PM	0.8	0.8	ug/L	U
34301	Chlorobenzene	N	E84282	8260B	3/31/2005 6:33:00PM	0.63	0.63	ug/L	U
34516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	3/31/2005 6:33:00PM	0.14	0.14	ug/L	U
49263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	3/31/2005 6:33:00PM	2.5	2.5	ug/L	U
34536	1,2-Dichlorobenzene	N	E84282	8260B	3/31/2005 6:33:00PM	0.44	0.44	ug/L	U
34215	Acrylonitrile	N	E84282	8260B	3/31/2005 6:33:00PM	1.2	1.2	ug/L	U
73085	Bromochloromethane	N	E84282	8260B	3/31/2005 6:33:00PM	0.58	0.58	ug/L	U
34704	cis-1,3-Dichloropropene	N	E84282	8260B	3/31/2005 6:33:00PM	0.14	0.14	ug/L	U
34496	1,1-Dichloroethane	N	E84282	8260B	3/31/2005 6:33:00PM	0.52	0.52	ug/L	U
32105	Dibromochloromethane	N	E84282	8260B	3/31/2005 6:33:00PM	0.34	0.34	ug/L	U
34030	Benzene	N	E84282	8260B	3/31/2005 6:33:00PM	0.27	0.27	ug/L	U
77103	2-Hexanone	N	E84282	8260B	3/31/2005 6:33:00PM	4.4	4.4	ug/L	U
46361	Methylene bromide	N	E84282	8260B	3/31/2005 6:33:00PM	0.41	0.41	ug/L	U
32104	Bromoform	N	E84282	8260B	3/31/2005 6:33:00PM	0.58	0.58	ug/L	U
32101	Bromodichloromethane	N	E84282	8260B	3/31/2005 6:33:00PM	0.35	0.35	ug/L	U
34501	1,1-Dichloroethylene	N	E84282	8260B	3/31/2005 6:33:00PM	0.45	0.45	ug/L	U
34511	1,1,2-Trichloroethane	N	E84282	8260B	3/31/2005 6:33:00PM	0.47	0.47	ug/L	U
34506	1,1,1-Trichloroethane	N	E84282	8260B	3/31/2005 6:33:00PM	0.46	0.46	ug/L	U
77562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	3/31/2005 6:33:00PM	0.63	0.63	ug/L	U
34371	Ethylbenzene	N	E84282	8260B	3/31/2005 6:33:00PM	0.83	0.83	ug/L	U
32102	Carbon tetrachloride	N	E84282	8260B	3/31/2005 6:33:00PM	0.42	0.42	ug/L	U
34475	Tetrachloroethene	N	E84282	8260B	3/31/2005 6:33:00PM	0.34	0.34	ug/L	U
39175	Vinyl chloride	N	E84282	8260B	3/31/2005 6:33:00PM	0.5	0.5	ug/L	U
34423	Methylene Chloride	N	E84282	8260B	3/31/2005 6:33:00PM	1	1	ug/L	U
77443	1,2,3-Trichloropropane	N	E84282	8260B	3/31/2005 6:33:00PM	0.15	0.15	ug/L	U
78133	methyl isobutyl ketone	N	E84282	8260B	3/31/2005 6:33:00PM	3.8	3.8	ug/L	U
81595	Methyl Ethyl Ketone	N	E84282	8260B	3/31/2005 6:33:00PM	8.4	8.4	ug/L	U
77424	Iodomethane	N	E84282	8260B	3/31/2005 6:33:00PM	0.67	0.67	ug/L	U
34546	trans-1,2-Dichloroethene	N	E84282	8260B	3/31/2005 6:33:00PM	0.44	0.44	ug/L	U
81551	Xylenes, Total	N	E84282	8260B	3/31/2005 6:33:00PM	0.98	0.98	ug/L	U
81552	Acetone	N	E84282	8260B	3/31/2005 6:33:00PM	9.9	9.9	ug/L	U
77057	Vinyl acetate	N	E84282	8260B	3/31/2005 6:33:00PM	1.5	1.5	ug/L	U
34488	Trichlorofluoromethane	N	E84282	8260B	3/31/2005 6:33:00PM	0.98	0.98	ug/L	U
39180	Trichloroethene	N	E84282	8260B	3/31/2005 6:33:00PM	0.28	0.28	ug/L	U

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

Printed: 5/2/2005

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Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 0
WACS Testsite Name: TRIP BLANK APPI
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIIF)

Sample Date/Time: 3/23/2005 12:01:00PM
Sampling Method: Unknown
Permitted
Well Type: BG

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

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

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
77128	Styrene	N	E84282	8260B	3/31/2005 6:33:00PM	0.98	0.98	ug/L	U

Total Parameters Monitored: 45

Facility Name: TRAIL RIDGE/SEMI-ANNUAL BACKGROUND

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: TRIP BLANK APPI
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-IIIIF)

Sample Date/Time: 3/23/2005 12:01:00PM
Sampling Method: Unknown
Permitted
Well Type: BG

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

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

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
46369	Ethylene Dibromide	N	E84282	504.1	3/31/2005 1:49:00PM	0.0089	0.0089	ug/L	U
38437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	3/31/2005 1:49:00PM	0.0031	0.0031	ug/L	U

Total Parameters Monitored: 2

* 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

ANALYTICAL REPORT

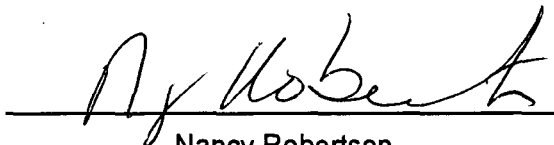
Job Number: 660-935.1

Job Description: Semi-annual Phase III/IV/Trail Ridge

For:

HDR, Inc.
200 W. Forsyth St., Suite 800
Jacksonville, FL 32202

Attention: Mr. Brad Stone



Nancy Robertson
Project Manager I
nrobertson@stl-inc.com

04/24/2005

Methods: FDEP, 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.

METHOD SUMMARY

Client: HDR, Inc.

Job Number: 660-935.1

Description	Method	Preparation Method
Matrix: Water		
Volatile Organic Compounds by GC/MS Purge-and-Trap	SW846 8260B	SW846 5030B
EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography	EPA-01 504.1	
EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography (		EPA-DW 504.1
ICP Metals by 200.7 Total Recoverable Metals Digestion for 200.7 Sample Filtration performed in the Field	EPA 200.7 Rev 4.4	40CFR136A 200.7 Appx C FIELD_FLTRD
ICPMS Metals by 200.8 Total Metals Digestion for 200.8 Total Recoverable Metals for 200.8 Sample Filtration performed in the Field	EPA 200.8	MCAWW 4.3.1 MCAWW 4.1.4 FIELD_FLTRD
Mercury in Water by CVAA Digestion for CVAA Mercury in Waters Sample Filtration performed in the Field	EPA 245.1	EPA 245.1 FIELD_FLTRD
Conductivity, Specific Conductance Field	MCAWW 120.1	
pH, Electrometric Field	MCAWW 150.1	
Temperature, Thermometric Field	MCAWW 170.1	
Turbidity, Nephelometric Field	MCAWW 180.1	
Oxygen (Dissolved, Membrane Electrode) Field	MCAWW 360.1	
Water Level, Field	FL-DEP Water Level	
Well Depth, Field	FL-DEP Well Depth	
Residue, Filterable, Gravimetric, Dried at 180°C (TDS)	MCAWW 160.1	
Chloride (Colorimetric, Automated Ferricyanide, AAI	MCAWW 325.2	
Nitrogen (Ammonia, Colorimetric, Automated Phenate)	MCAWW 350.1	
Nitrogen, Nitrate-Nitrite (Colorimetric, Automated, Cadmium Reduction)	MCAWW 353.2	
Nitrogen, Nitrate-Nitrite (Colorimetric, Automated, Cadmium Reduction)/Prep		MCAWW 353.2

METHOD SUMMARY

Client: HDR, Inc.

Job Number: 660-935.1

Description	Method	Preparation Method
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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.

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

SAMPLE SUMMARY

Client: HDR, Inc.

Job Number: 660-935.1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
660-935-1	MWB34D	Water	03/24/2005 0744	03/25/2005 0840
660-935-2	MWB34I	Water	03/24/2005 0815	03/25/2005 0840
660-935-3	MWB34S	Water	03/24/2005 0833	03/25/2005 0840
660-935-4	MWB33S	Water	03/24/2005 0853	03/25/2005 0840
660-935-5	MWB13S	Water	03/24/2005 0905	03/25/2005 0840
660-935-6	EB	Water	03/24/2005 0920	03/25/2005 0840
660-935-7	FB	Water	03/24/2005 0930	03/25/2005 0840
660-935-8	TRIP BLANK	Water	03/24/2005 0744	03/25/2005 0840

Analytical Data

Client: HDR, Inc.

Job Number: 660-935.1

Client Sample ID: MWB34D

Lab Sample ID: 660-935-1

Date Sampled: 03/24/2005 0744

Client Matrix: Water

Date Received: 03/25/2005 0840

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 8260B
Dilution: 1.0
Date Analyzed: 04/05/2005 0331
Date Prepared: 04/05/2005 0331

Analysis Batch: 660-4112

Instrument ID: BVMH GC/MS
Lab File ID: 1HD0428.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	10
Acrylonitrile	1.2	U	1.2	100
Benzene	0.48	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
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-Dichloroethylene	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	0.83	U	0.83	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
methyl isobutyl ketone	3.8	U	3.8	10
Methylene Chloride	1.0	U	1.0	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

STL Tampa

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-935.1

Client Sample ID: **MWB34D**

Lab Sample ID: 660-935-1

Client Matrix: Water

Date Sampled: 03/24/2005 0744

Date Received: 03/25/2005 0840

8260B Volatile Organic Compounds by GC/MS (Continued)

Method: 8260B

Analysis Batch: 660-4112

Instrument ID: BVMH GC/MS

Preparation: 8260B

Lab File ID: 1HD0428.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 04/05/2005 0331

Final Weight/Volume: 5 mL

Date Prepared: 04/05/2005 0331

Analyte	Result (ug/L)	Qualifier	MDL	PQL
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
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	85	74 - 126
Dibromofluoromethane	89	70 - 130
Toluene-d8	99	77 - 122

Analytical Data

Client: HDR, Inc.

Job Number: 660-935.1

Client Sample ID: MWB34I

Lab Sample ID: 660-935-2

Client Matrix: Water

Date Sampled: 03/24/2005 0815

Date Received: 03/25/2005 0840

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 660-4112

Instrument ID: BVMH GC/MS

Preparation: 8260B

Lab File ID: 1HD0429.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 04/05/2005 0351

Final Weight/Volume: 5 mL

Date Prepared: 04/05/2005 0351

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	10
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-Dichloroethylene	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	0.83	U	0.83	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
methyl isobutyl ketone	3.8	U	3.8	10
Methylene Chloride	1.0	U	1.0	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

STL Tampa

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-935.1

Client Sample ID: **MWB34I**

Lab Sample ID: 660-935-2

Date Sampled: 03/24/2005 0815

Client Matrix: Water

Date Received: 03/25/2005 0840

8260B Volatile Organic Compounds by GC/MS (Continued)

Method: 8260B

Analysis Batch: 660-4112

Instrument ID: BVMH GC/MS

Preparation: 8260B

Lab File ID: 1HD0429.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 04/05/2005 0351

Final Weight/Volume: 5 mL

Date Prepared: 04/05/2005 0351

Analyte	Result (ug/L)	Qualifier	MDL	PQL
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
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	85	74 - 126
Dibromofluoromethane	92	70 - 130
Toluene-d8	97	77 - 122

Analytical Data

Client: HDR, Inc.

Job Number: 660-935.1

Client Sample ID: MWB34S

Lab Sample ID: 660-935-3

Client Matrix: Water

Date Sampled: 03/24/2005 0833

Date Received: 03/25/2005 0840

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 660-4112

Instrument ID: BVMH GC/MS

Preparation: 8260B

Lab File ID: 1HD0430.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 04/05/2005 0410

Final Weight/Volume: 5 mL

Date Prepared: 04/05/2005 0410

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	10
Acrylonitrile	1.2	U	1.2	100
Benzene	0.35	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
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-Dichloroethylene	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	0.83	U	0.83	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
methyl isobutyl ketone	3.8	U	3.8	10
Methylene Chloride	1.0	U	1.0	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

STL Tampa

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-935.1

Client Sample ID: **MWB34S**

Lab Sample ID: 660-935-3

Client Matrix: Water

Date Sampled: 03/24/2005 0833

Date Received: 03/25/2005 0840

8260B Volatile Organic Compounds by GC/MS (Continued)

Method: 8260B

Analysis Batch: 660-4112

Instrument ID: BVMH GC/MS

Preparation: 8260B

Lab File ID: 1HD0430.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 04/05/2005 0410

Final Weight/Volume: 5 mL

Date Prepared: 04/05/2005 0410

Analyte	Result (ug/L)	Qualifier	MDL	PQL
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
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0
Surrogate	%Rec	Acceptance Limits		
4-Bromofluorobenzene	86	74 - 126		
Dibromofluoromethane	90	70 - 130		
Toluene-d8	94	77 - 122		

Analytical Data

Client: HDR, Inc.

Job Number: 660-935.1

Client Sample ID: **MWB33S**

Lab Sample ID: 660-935-4

Date Sampled: 03/24/2005 0853

Client Matrix: Water

Date Received: 03/25/2005 0840

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 660-4112

Instrument ID: BVMH GC/MS

Preparation: 8260B

Lab File ID: 1HD0431.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 04/05/2005 0429

Final Weight/Volume: 5 mL

Date Prepared: 04/05/2005 0429

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	10
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-Dichloroethylene	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	0.83	U	0.83	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
methyl isobutyl ketone	3.8	U	3.8	10
Methylene Chloride	1.0	U	1.0	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

STL Tampa

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-935.1

Client Sample ID: **MWB33S**

Lab Sample ID: 660-935-4

Date Sampled: 03/24/2005 0853

Client Matrix: Water

Date Received: 03/25/2005 0840

8260B Volatile Organic Compounds by GC/MS (Continued)

Method: 8260B

Analysis Batch: 660-4112

Instrument ID: BVMH GC/MS

Preparation: 8260B

Lab File ID: 1HD0431.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 04/05/2005 0429

Final Weight/Volume: 5 mL

Date Prepared: 04/05/2005 0429

Analyte	Result (ug/L)	Qualifier	MDL	PQL
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
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0
Surrogate	%Rec		Acceptance Limits	
4-Bromofluorobenzene	86		74 - 126	
Dibromofluoromethane	90		70 - 130	
Toluene-d8	92		77 - 122	

Analytical Data

Client: HDR, Inc.

Job Number: 660-935.1

Client Sample ID: MWB13S

Lab Sample ID: 660-935-5

Date Sampled: 03/24/2005 0905

Client Matrix: Water

Date Received: 03/25/2005 0840

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 660-4112

Instrument ID: BVMH GC/MS

Preparation: 8260B

Lab File ID: 1HD0432.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 04/05/2005 0448

Final Weight/Volume: 5 mL

Date Prepared: 04/05/2005 0448

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	10
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-Dichloroethylene	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	0.83	U	0.83	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
methyl isobutyl ketone	3.8	U	3.8	10
Methylene Chloride	1.0	U	1.0	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

STL Tampa

Analytical Data

Client: HDR, Inc.

Job Number: 660-935.1

Client Sample ID: MWB13S

Lab Sample ID: 660-935-5

Client Matrix: Water

Date Sampled: 03/24/2005 0905

Date Received: 03/25/2005 0840

8260B Volatile Organic Compounds by GC/MS (Continued)

Method: 8260B

Analysis Batch: 660-4112

Instrument ID: BVMH GC/MS

Preparation: 8260B

Lab File ID: 1HD0432.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 04/05/2005 0448

Final Weight/Volume: 5 mL

Date Prepared: 04/05/2005 0448

Analyte	Result (ug/L)	Qualifier	MDL	PQL
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
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0
Surrogate	%Rec	Acceptance Limits		
4-Bromofluorobenzene	85	74 - 126		
Dibromofluoromethane	91	70 - 130		
Toluene-d8	96	77 - 122		

Analytical Data

Client: HDR, Inc.

Job Number: 660-935.1

Client Sample ID: **MWB13S**

Lab Sample ID: 660-935-5

Date Sampled: 03/24/2005 0905

Client Matrix: Water

Date Received: 03/25/2005 0840

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 660-4112

Instrument ID: BVMH GC/MS

Preparation: 8260B

Lab File ID: 1HD0432.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 04/05/2005 0448

Final Weight/Volume: 5 mL

Date Prepared: 04/05/2005 0448

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	10
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-Dichloroethylene	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	0.83	U	0.83	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
methyl isobutyl ketone	3.8	U	3.8	10
Methylene Chloride	1.0	U	1.0	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

STL Tampa

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-935.1

Client Sample ID: **MWB13S**

Lab Sample ID: 660-935-5

Date Sampled: 03/24/2005 0905

Client Matrix: Water

Date Received: 03/25/2005 0840

8260B Volatile Organic Compounds by GC/MS (Continued)

Method: 8260B

Analysis Batch: 660-4112

Instrument ID: BVMH GC/MS

Preparation: 8260B

Lab File ID: 1HD0432.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 04/05/2005 0448

Final Weight/Volume: 5 mL

Date Prepared: 04/05/2005 0448

Analyte	Result (ug/L)	Qualifier	MDL	PQL
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
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	85	74 - 126
Dibromofluoromethane	91	70 - 130
Toluene-d8	96	77 - 122

Analytical Data

Client: HDR, Inc.

Job Number: 660-935.1

Client Sample ID: FB

Lab Sample ID: 660-935-7

Date Sampled: 03/24/2005 0930

Client Matrix: Water

Date Received: 03/25/2005 0840

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 660-4112

Instrument ID: BVMH GC/MS

Preparation: 8260B

Lab File ID: 1HD0426.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 04/05/2005 0252

Final Weight/Volume: 5 mL

Date Prepared: 04/05/2005 0252

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	10
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-Dichloroethylene	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	0.83	U	0.83	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
methyl isobutyl ketone	3.8	U	3.8	10
Methylene Chloride	1.0	U	1.0	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

STL Tampa

Analytical Data

Client: HDR, Inc.

Job Number: 660-935.1

Client Sample ID: FB

Lab Sample ID: 660-935-7

Date Sampled: 03/24/2005 0930

Client Matrix: Water

Date Received: 03/25/2005 0840

8260B Volatile Organic Compounds by GC/MS (Continued)

Method:	8260B	Analysis Batch:	660-4112	Instrument ID:	BVMH GC/MS
Preparation:	8260B			Lab File ID:	1HD0426.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	04/05/2005 0252			Final Weight/Volume:	5 mL
Date Prepared:	04/05/2005 0252				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
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
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	88	74 - 126
Dibromofluoromethane	92	70 - 130
Toluene-d8	95	77 - 122

Analytical Data

Client: HDR, Inc.

Job Number: 660-935.1

Client Sample ID: TRIP BLANK

Lab Sample ID: 660-935-8

Date Sampled: 03/24/2005 0744

Client Matrix: Water

Date Received: 03/25/2005 0840

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 660-4112

Instrument ID: BVMH GC/MS

Preparation: 8260B

Lab File ID: 1HD0427.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 04/05/2005 0312

Final Weight/Volume: 5 mL

Date Prepared: 04/05/2005 0312

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	10
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-Dichloroethylene	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	0.83	U	0.83	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
methyl isobutyl ketone	3.8	U	3.8	10
Methylene Chloride	1.0	U	1.0	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

Analytical Data

Client: HDR, Inc.

Job Number: 660-935.1

Client Sample ID: TRIP BLANK

Lab Sample ID: 660-935-8

Date Sampled: 03/24/2005 0744

Client Matrix: Water

Date Received: 03/25/2005 0840

8260B Volatile Organic Compounds by GC/MS (Continued)

Method:	8260B	Analysis Batch:	660-4112	Instrument ID:	BVMH GC/MS
Preparation:	8260B			Lab File ID:	1HD0427.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	04/05/2005 0312			Final Weight/Volume:	5 mL
Date Prepared:	04/05/2005 0312				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
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
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	89	74 - 126
Dibromofluoromethane	94	70 - 130
Toluene-d8	93	77 - 122



STL

Analytical Data

Client: HDR, Inc.

Job Number: 660-935.1

Client Sample ID: **MWB34D**

Lab Sample ID: 660-935-1

Client Matrix: Water

Date Sampled: 03/24/2005 0744

Date Received: 03/25/2005 0840

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1

Analysis Batch: 660-4011

Instrument ID: HP 5890 Series II ECD1/2

Preparation: 504.1

Prep Batch: 660-4003

Lab File ID: 1D01S025.D

Dilution: 1.0

Initial Weight/Volume: 33.6916 g

Date Analyzed: 04/01/2005 2111

Final Weight/Volume: 3 mL

Date Prepared: 04/01/2005 1330

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

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-935.1

Client Sample ID: **MWB34I**

Lab Sample ID: 660-935-2

Date Sampled: 03/24/2005 0815

Client Matrix: Water

Date Received: 03/25/2005 0840

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1

Analysis Batch: 660-4011

Instrument ID: HP 5890 Series II ECD1/2

Preparation: 504.1

Prep Batch: 660-4003

Lab File ID: 1D01S026.D

Dilution: 1.0

Initial Weight/Volume: 33.5021 g

Date Analyzed: 04/01/2005 2132

Final Weight/Volume: 3 mL

Date Prepared: 04/01/2005 1330

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

Analytical Data

Client: HDR, Inc.

Job Number: 660-935.1

Client Sample ID: MWB34S

Lab Sample ID: 660-935-3

Client Matrix: Water

Date Sampled: 03/24/2005 0833

Date Received: 03/25/2005 0840

504.1 EDB, DBCP, and 123TCP In Water by Microextraction and Gas Chromatography

Method: 504.1

Analysis Batch: 660-4011

Instrument ID: HP 5890 Series II ECD1/2

Preparation: 504.1

Prep Batch: 660-4003

Lab File ID: 1D01S027.D

Dilution: 1.0

Initial Weight/Volume: 33.8351 g

Date Analyzed: 04/01/2005 2153

Final Weight/Volume: 3 mL

Date Prepared: 04/01/2005 1330

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

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-935.1

Client Sample ID: **MWB33S**

Lab Sample ID: 660-935-4

Client Matrix: Water

Date Sampled: 03/24/2005 0853

Date Received: 03/25/2005 0840

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1

Analysis Batch: 660-4011

Instrument ID: HP 5890 Series II ECD1/2

Preparation: 504.1

Prep Batch: 660-4003

Lab File ID: 1D01S030.D

Dilution: 1.0

Initial Weight/Volume: 34.0819 g

Date Analyzed: 04/01/2005 2254

Final Weight/Volume: 3 mL

Date Prepared: 04/01/2005 1330

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



STL

Analytical Data

Client: HDR, Inc.

Job Number: 660-935.1

Client Sample ID: **MWB13S**

Lab Sample ID: 660-935-5

Client Matrix: Water

Date Sampled: 03/24/2005 0905

Date Received: 03/25/2005 0840

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1

Analysis Batch: 660-4011

Instrument ID: HP 5890 Series II ECD1/2

Preparation: 504.1

Prep Batch: 660-4003

Lab File ID: 1D01S031.D

Dilution: 1.0

Initial Weight/Volume: 33.0973 g

Date Analyzed: 04/01/2005 2315

Final Weight/Volume: 3 mL

Date Prepared: 04/01/2005 1330

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

Analytical Data

Client: HDR, Inc.

Job Number: 660-935.1

Client Sample ID: EB

Lab Sample ID: 660-935-6

Date Sampled: 03/24/2005 0920

Client Matrix: Water

Date Received: 03/25/2005 0840

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1

Analysis Batch: 660-4011

Instrument ID: HP 5890 Series II ECD1/2

Preparation: 504.1

Prep Batch: 660-4003

Lab File ID: 1D01S032.D

Dilution: 1.0

Initial Weight/Volume: 34.1067 g

Date Analyzed: 04/01/2005 2336

Final Weight/Volume: 3 mL

Date Prepared: 04/01/2005 1330

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

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-935.1

Client Sample ID: **FB**

Lab Sample ID: 660-935-7

Date Sampled: 03/24/2005 0930

Client Matrix: Water

Date Received: 03/25/2005 0840

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1

Analysis Batch: 660-4011

Instrument ID: HP 5890 Series II ECD1/2

Preparation: 504.1

Prep Batch: 660-4003

Lab File ID: 1D01S033.D

Dilution: 1.0

Initial Weight/Volume: 34.3726 g

Date Analyzed: 04/01/2005 2357

Final Weight/Volume: 3 mL

Date Prepared: 04/01/2005 1330

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

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-935.1

Client Sample ID: **TRIP BLANK**

Lab Sample ID: 660-935-8

Date Sampled: 03/24/2005 0744

Client Matrix: Water

Date Received: 03/25/2005 0840

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1

Analysis Batch: 660-4011

Instrument ID: HP 5890 Series II ECD1/2

Preparation: 504.1

Prep Batch: 660-4003

Lab File ID: 1D01S034.D

Dilution: 1.0

Initial Weight/Volume: 33.7796 g

Date Analyzed: 04/02/2005 0018

Final Weight/Volume: 3 mL

Date Prepared: 04/01/2005 1330

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

Analytical Data

Client: HDR, Inc.

Job Number: 660-935.1

Client Sample ID: MWB34D

Lab Sample ID: 660-935-1
Client Matrix: Water

Date Sampled: 03/24/2005 0744
Date Received: 03/25/2005 0840

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method:	200.7 Rev 4.4	Analysis Batch:	660-4014	Instrument ID:	TJA ICP TRACE
Preparation:	200.7 Rev 4.4	Prep Batch:	660-3662	Lab File ID:	5D04A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	04/04/2005 1413			Final Weight/Volume:	50 mL
Date Prepared:	03/29/2005 1516				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.0038	U	0.0038	0.010
Barium	0.11		0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00071	U	0.00071	0.0050
Cobalt	0.0014	U	0.0014	0.010
Chromium	0.0017	U	0.0017	0.010
Copper	0.0013	U	0.0013	0.020
Iron	0.50		0.037	0.050
Sodium	6.1		0.15	0.50
Nickel	0.0047	U	0.0047	0.040
Antimony	0.0029	U	0.0029	0.0060
Lead	0.0015	U	0.0015	0.0050
Selenium	0.0048	U	0.0048	0.010
Vanadium	0.0025	U	0.0025	0.010
Zinc	0.0059	U	0.0059	0.020

200.8 ICPMS Metals by 200.8

Method:	200.8	Analysis Batch:	680-6905	Instrument ID:	ICP MS
Preparation:	200.8	Prep Batch:	680-5969	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	04/09/2005 0158			Final Weight/Volume:	250 mL
Date Prepared:	04/04/2005 1051				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.20	U	0.20	1.0



STL

Analytical Data

Client: HDR, Inc.

Job Number: 660-935.1

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch:	660-3916	Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch:	660-3742	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/31/2005 1719			Final Weight/Volume:	50 mL
Date Prepared:	03/30/2005 1445				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020



STL

Analytical Data

Client: HDR, Inc.

Job Number: 660-935.1

Client Sample ID: **MWB34I**

Lab Sample ID: 660-935-2

Client Matrix: Water

Date Sampled: 03/24/2005 0815

Date Received: 03/25/2005 0840

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-935.1

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method:	200.7 Rev 4.4	Analysis Batch:	660-4014	Instrument ID:	TJA ICP TRACE
Preparation:	200.7 Rev 4.4	Prep Batch:	660-3662	Lab File ID:	5D04A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	04/04/2005 1418			Final Weight/Volume:	50 mL
Date Prepared:	03/29/2005 1516				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.0038	U	0.0038	0.010
Barium	0.053		0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00071	U	0.00071	0.0050
Cobalt	0.0014	U	0.0014	0.010
Chromium	0.0018	I	0.0017	0.010
Copper	0.0013	U	0.0013	0.020
Iron	0.54		0.037	0.050
Sodium	3.1		0.15	0.50
Nickel	0.0047	U	0.0047	0.040
Antimony	0.0029	U	0.0029	0.0060
Lead	0.0015	U	0.0015	0.0050
Selenium	0.0048	U	0.0048	0.010
Vanadium	0.0025	U	0.0025	0.010
Zinc	0.0059	U	0.0059	0.020

Analytical Data

Client: HDR, Inc.

Job Number: 660-935.1

200.7 Rev 4.4 ICP Metals by 200.7-Dissolved

Method:	200.7 Rev 4.4	Analysis Batch:	660-4014	Instrument ID:	TJA ICP TRACE
Preparation:	200.7 Rev 4.4	Prep Batch:	660-3662	Lab File ID:	5D04A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	04/04/2005 1457			Final Weight/Volume:	50 mL
Date Prepared:	03/29/2005 1516				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.0038	U	0.0038	0.010
Barium	0.010		0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00071	U	0.00071	0.0050
Cobalt	0.0014	U	0.0014	0.010
Chromium	0.0017	U	0.0017	0.010
Copper	0.0013	U	0.0013	0.020
Iron	0.18		0.037	0.050
Sodium	5.7		0.15	0.50
Nickel	0.0047	U	0.0047	0.040
Antimony	0.0029	U	0.0029	0.0060
Lead	0.0015	U	0.0015	0.0050
Selenium	0.0048	U	0.0048	0.010
Vanadium	0.020		0.0025	0.010
Zinc	0.018	I	0.0059	0.020

200.8 ICPMS Metals by 200.8

Method:	200.8	Analysis Batch:	680-6905	Instrument ID:	ICP MS
Preparation:	200.8	Prep Batch:	680-5969	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	04/09/2005 0206			Final Weight/Volume:	250 mL
Date Prepared:	04/04/2005 1051				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.20	U	0.20	1.0

Analytical Data

Client: HDR, Inc.

Job Number: 660-935.1

200.8 ICPMS Metals by 200.8 CWA-Dissolved

Method:	200.8	Analysis Batch:	680-6908	Instrument ID:	ICP MS
Preparation:	200.8	Prep Batch:	680-5989	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	04/09/2005 0016			Final Weight/Volume:	250 mL
Date Prepared:	04/04/2005 1204				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.25	U	0.25	1.0

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch:	660-3916	Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch:	660-3742	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/31/2005 1721			Final Weight/Volume:	50 mL
Date Prepared:	03/30/2005 1445				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

245.1 Mercury in Water by CVAA-Dissolved

Method:	245.1	Analysis Batch:	660-3916	Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch:	660-3742	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/31/2005 1723			Final Weight/Volume:	50 mL
Date Prepared:	03/30/2005 1445				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

Analytical Data

Client: HDR, Inc.

Job Number: 660-935.1

Client Sample ID: MWB34S

Lab Sample ID: 660-935-3

Date Sampled: 03/24/2005 0833

Client Matrix: Water

Date Received: 03/25/2005 0840

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method: 200.7 Rev 4.4 Analysis Batch: 660-4014
Preparation: 200.7 Rev 4.4 Prep Batch: 660-3662
Dilution: 1.0
Date Analyzed: 04/04/2005 1429
Date Prepared: 03/29/2005 1516

Instrument ID: TJA ICP TRACE
Lab File ID: 5D04A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.0038	U	0.0038	0.010
Barium	0.0061	I	0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00071	U	0.00071	0.0050
Cobalt	0.0014	U	0.0014	0.010
Chromium	0.0017	I	0.0017	0.010
Copper	0.0013	U	0.0013	0.020
Iron	0.25		0.037	0.050
Sodium	12		0.15	0.50
Nickel	0.0047	U	0.0047	0.040
Antimony	0.0029	U	0.0029	0.0060
Lead	0.0015	U	0.0015	0.0050
Selenium	0.0048	U	0.0048	0.010
Vanadium	0.0062	I	0.0025	0.010
Zinc	0.0059	U	0.0059	0.020

200.8 ICPMS Metals by 200.8

Method: 200.8 Analysis Batch: 680-6905
Preparation: 200.8 Prep Batch: 680-5969
Dilution: 1.0
Date Analyzed: 04/09/2005 0213
Date Prepared: 04/04/2005 1051

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	0.20	U	0.20	1.0

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-935.1

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch:	660-3916	Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch:	660-3742	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/31/2005 1726			Final Weight/Volume:	50 mL
Date Prepared:	03/30/2005 1445				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

Analytical Data

Client: HDR, Inc.

Job Number: 660-935.1

Client Sample ID: MWB33S

Lab Sample ID: 660-935-4
Client Matrix: Water

Date Sampled: 03/24/2005 0853
Date Received: 03/25/2005 0840

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method:	200.7 Rev 4.4	Analysis Batch:	660-4014	Instrument ID:	TJA ICP TRACE
Preparation:	200.7 Rev 4.4	Prep Batch:	660-3662	Lab File ID:	5D04A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	04/04/2005 1435			Final Weight/Volume:	50 mL
Date Prepared:	03/29/2005 1516				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.0038	U	0.0038	0.010
Barium	0.026		0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00071	U	0.00071	0.0050
Cobalt	0.0014	U	0.0014	0.010
Chromium	0.0017	U	0.0017	0.010
Copper	0.0013	U	0.0013	0.020
Iron	0.52		0.037	0.050
Sodium	9.6		0.15	0.50
Nickel	0.0047	U	0.0047	0.040
Antimony	0.0029	U	0.0029	0.0060
Lead	0.0015	U	0.0015	0.0050
Selenium	0.0048	U	0.0048	0.010
Vanadium	0.0033	I	0.0025	0.010
Zinc	0.0059	U	0.0059	0.020

200.8 ICPMS Metals by 200.8

Method:	200.8	Analysis Batch:	680-6905	Instrument ID:	ICP MS
Preparation:	200.8	Prep Batch:	680-5969	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	04/09/2005 0220			Final Weight/Volume:	250 mL
Date Prepared:	04/04/2005 1051				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.20	U	0.20	1.0

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-935.1

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch:	660-3916	Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch:	660-3742	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/31/2005 1728			Final Weight/Volume:	50 mL
Date Prepared:	03/30/2005 1445				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

Analytical Data

Client: HDR, Inc.

Job Number: 660-935.1

Client Sample ID: MWB13S

Lab Sample ID: 660-935-5
Client Matrix: Water

Date Sampled: 03/24/2005 0905
Date Received: 03/25/2005 0840

Analytical Data

Client: HDR, Inc.

Job Number: 660-935.1

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method:	200.7 Rev 4.4	Analysis Batch:	660-4014	Instrument ID:	TJA ICP TRACE
Preparation:	200.7 Rev 4.4	Prep Batch:	660-3662	Lab File ID:	5D04A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	04/04/2005 1451			Final Weight/Volume:	50 mL
Date Prepared:	03/29/2005 1516				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.0038	U	0.0038	0.010
Barium	0.012		0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00071	U	0.00071	0.0050
Cobalt	0.0014	U	0.0014	0.010
Chromium	0.0047	I	0.0017	0.010
Copper	0.014	I	0.0013	0.020
Iron	0.68		0.037	0.050
Sodium	5.7		0.15	0.50
Nickel	0.0047	U	0.0047	0.040
Antimony	0.0029	U	0.0029	0.0060
Lead	0.0015	U	0.0015	0.0050
Selenium	0.012		0.0048	0.010
Vanadium	0.030		0.0025	0.010
Zinc	0.0059	U	0.0059	0.020

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-935.1

200.7 Rev 4.4 ICP Metals by 200.7-Dissolved

Method: 200.7 Rev 4.4 Analysis Batch: 660-4014
Preparation: 200.7 Rev 4.4 Prep Batch: 660-3662
Dilution: 1.0
Date Analyzed: 04/04/2005 1424
Date Prepared: 03/29/2005 1516

Instrument ID: TJA ICP TRACE
Lab File ID: 5D04A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.0038	U	0.0038	0.010
Barium	0.048		0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00071	U	0.00071	0.0050
Cobalt	0.0014	U	0.0014	0.010
Chromium	0.0017	U	0.0017	0.010
Copper	0.0013	U	0.0013	0.020
Iron	0.41		0.037	0.050
Sodium	3.0		0.15	0.50
Nickel	0.0047	U	0.0047	0.040
Antimony	0.0029	U	0.0029	0.0060
Lead	0.0015	U	0.0015	0.0050
Selenium	0.0048	U	0.0048	0.010
Vanadium	0.0025	U	0.0025	0.010
Zinc	0.0059	U	0.0059	0.020

200.8 ICPMS Metals by 200.8

Method: 200.8 Analysis Batch: 680-6905
Preparation: 200.8 Prep Batch: 680-5969
Dilution: 1.0
Date Analyzed: 04/09/2005 0242
Date Prepared: 04/04/2005 1051

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	0.20	U	0.20	1.0

Analytical Data

Client: HDR, Inc.

Job Number: 660-935.1

200.8 ICPMS Metals by 200.8 CWA-Dissolved

Method:	200.8	Analysis Batch:	680-6908	Instrument ID:	ICP MS
Preparation:	200.8	Prep Batch:	680-5989	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	04/09/2005 0053			Final Weight/Volume:	250 mL
Date Prepared:	04/04/2005 1204				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.25	U	0.25	1.0

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch:	660-3916	Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch:	660-3742	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/31/2005 1731			Final Weight/Volume:	50 mL
Date Prepared:	03/30/2005 1445				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

245.1 Mercury in Water by CVAA-Dissolved

Method:	245.1	Analysis Batch:	660-3916	Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch:	660-3742	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/31/2005 1733			Final Weight/Volume:	50 mL
Date Prepared:	03/30/2005 1445				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-935.1

Client Sample ID: EB

Lab Sample ID: 660-935-6
Client Matrix: WaterDate Sampled: 03/24/2005 0920
Date Received: 03/25/2005 0840**200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable**Method: 200.7 Rev 4.4 Analysis Batch: 660-4014
Preparation: 200.7 Rev 4.4 Prep Batch: 660-3662
Dilution: 1.0
Date Analyzed: 04/04/2005 1509
Date Prepared: 03/29/2005 1516Instrument ID: TJA ICP TRACE
Lab File ID: 5D04A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.0038	U	0.0038	0.010
Barium	0.0012	U	0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00071	U	0.00071	0.0050
Cobalt	0.0014	U	0.0014	0.010
Chromium	0.0017	U	0.0017	0.010
Copper	0.0013	U	0.0013	0.020
Iron	0.037	U	0.037	0.050
Sodium	0.15	U	0.15	0.50
Nickel	0.0047	U	0.0047	0.040
Antimony	0.0029	U	0.0029	0.0060
Lead	0.0015	U	0.0015	0.0050
Selenium	0.0048	U	0.0048	0.010
Vanadium	0.0025	U	0.0025	0.010
Zinc	0.0059	U	0.0059	0.020

200.8 ICPMS Metals by 200.8Method: 200.8 Analysis Batch: 680-6905
Preparation: 200.8 Prep Batch: 680-5969
Dilution: 1.0
Date Analyzed: 04/09/2005 0249
Date Prepared: 04/04/2005 1051Instrument 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	0.20	U	0.20	1.0

Analytical Data

Client: HDR, Inc.

Job Number: 660-935.1

245.1 Mercury In Water by CVAA

Method:	245.1	Analysis Batch:	660-3916	Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch:	660-3742	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/31/2005 1734			Final Weight/Volume:	50 mL
Date Prepared:	03/30/2005 1445				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

Analytical Data

Client: HDR, Inc.

Job Number: 660-935.1

Client Sample ID: FB

Lab Sample ID: 660-935-7

Date Sampled: 03/24/2005 0930

Client Matrix: Water

Date Received: 03/25/2005 0840

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method:	200.7 Rev 4.4	Analysis Batch:	660-4014	Instrument ID:	TJA ICP TRACE
Preparation:	200.7 Rev 4.4	Prep Batch:	660-3662	Lab File ID:	5D04A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	04/04/2005 1515			Final Weight/Volume:	50 mL
Date Prepared:	03/29/2005 1516				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.0038	U	0.0038	0.010
Barium	0.0012	U	0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00071	U	0.00071	0.0050
Cobalt	0.0014	U	0.0014	0.010
Chromium	0.0017	U	0.0017	0.010
Copper	0.0013	U	0.0013	0.020
Iron	0.037	U	0.037	0.050
Sodium	0.15	U	0.15	0.50
Nickel	0.0047	U	0.0047	0.040
Antimony	0.0029	U	0.0029	0.0060
Lead	0.0015	U	0.0015	0.0050
Selenium	0.0048	U	0.0048	0.010
Vanadium	0.0025	U	0.0025	0.010
Zinc	0.0059	U	0.0059	0.020

200.8 ICPMS Metals by 200.8

Method:	200.8	Analysis Batch:	680-6905	Instrument ID:	ICP MS
Preparation:	200.8	Prep Batch:	680-5969	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	04/09/2005 0256			Final Weight/Volume:	250 mL
Date Prepared:	04/04/2005 1051				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.20	U	0.20	1.0

Analytical Data

Client: HDR, Inc.

Job Number: 660-935.1

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch:	660-3916	Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch:	660-3742	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/31/2005 1736			Final Weight/Volume:	50 mL
Date Prepared:	03/30/2005 1445				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

Analytical Data

Client: HDR, Inc.

Job Number: 660-935.1

Field Service / Mobile Lab

Client Sample ID: **MWB34D**

Lab Sample ID: 660-935-1
Client Matrix: Water

Date Sampled: 03/24/2005 0744
Date Received: 03/25/2005 0840

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Specific Conductance	434		umhos/cm	1.0	120.1	660-4234	03/24/2005 0744
pH	7.23		SU	1.0	150.1	660-4241	03/24/2005 0744
Temperature	21.3		Degrees C	1.0	170.1	660-4247	03/24/2005 0744
Turbidity	0.700		NTU	1.0	180.1	660-4249	03/24/2005 0749
Oxygen, Dissolved	434		mg/L	1.0	360.1	660-4252	03/24/2005 0744
Water Level	116		ft	1.0	Water	660-4276	03/24/2005 0744
Well Depth	101		ft	0.0100 0.0100 1.0	Well Depth	660-4285	03/24/2005 0744

Client Sample ID: **MWB34I**

Lab Sample ID: 660-935-2
Client Matrix: Water

Date Sampled: 03/24/2005 0815
Date Received: 03/25/2005 0840

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Specific Conductance	44.0		umhos/cm	1.0	120.1	660-4234	03/24/2005 0815
pH	5.37		SU	1.0	150.1	660-4241	03/24/2005 0815
Temperature	21.7		Degrees C	1.0	170.1	660-4247	03/24/2005 0815
Turbidity	31.7		NTU	1.0	180.1	660-4249	03/24/2005 0749
Oxygen, Dissolved	44.0		mg/L	1.0	360.1	660-4252	03/24/2005 0815
Water Level	116		ft	1.0	Water	660-4276	03/24/2005 0815
Well Depth	54.0		ft	0.0100 0.0100 1.0	Well Depth	660-4285	03/24/2005 0815

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-935.1

Field Service / Mobile Lab

Client Sample ID: MWB34S

Lab Sample ID: 660-935-3
Client Matrix: WaterDate Sampled: 03/24/2005 0833
Date Received: 03/25/2005 0840

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Specific Conductance	404		umhos/cm	1.0	120.1	660-4234	03/24/2005 0833
pH	5.84		SU	1.0	150.1	660-4241	03/24/2005 0833
Temperature	20.1		Degrees C	1.0	170.1	660-4247	03/24/2005 0833
Turbidity	5.80		NTU	1.0	180.1	660-4249	03/24/2005 0749
Oxygen, Dissolved	404		mg/L	1.0	360.1	660-4252	03/24/2005 0833
Water Level	116		ft	1.0	Water	660-4276	03/24/2005 0833
Well Depth	18.3		ft	0.0100	0.0100	1.0	Well Depth 660-4285 03/24/2005 0833

Client Sample ID: MWB33S

Lab Sample ID: 660-935-4
Client Matrix: WaterDate Sampled: 03/24/2005 0853
Date Received: 03/25/2005 0840

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Specific Conductance	93.0		umhos/cm	1.0	120.1	660-4234	03/24/2005 0853
pH	4.83		SU	1.0	150.1	660-4241	03/24/2005 0853
Temperature	19.6		Degrees C	1.0	170.1	660-4247	03/24/2005 0853
Turbidity	3.20		NTU	1.0	180.1	660-4249	03/24/2005 0749
Oxygen, Dissolved	93.0		mg/L	1.0	360.1	660-4252	03/24/2005 0853
Water Level	115		ft	1.0	Water	660-4276	03/24/2005 0853
Well Depth	20.3		ft	0.0100	0.0100	1.0	Well Depth 660-4285 03/24/2005 0853

Analytical Data

Client: HDR, Inc.

Job Number: 660-935.1

Field Service / Mobile Lab

Client Sample ID: MWB13S

Lab Sample ID: 660-935-5

Client Matrix: Water

Date Sampled: 03/24/2005 0905

Date Received: 03/25/2005 0840

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Specific Conductance	122		umhos/cm	1.0	120.1	660-4234	03/24/2005 0905
pH	5.21		SU	1.0	150.1	660-4241	03/24/2005 0905
Temperature	20.0		Degrees C	1.0	170.1	660-4247	03/24/2005 0905
Turbidity	87.1		NTU	1.0	180.1	660-4249	03/24/2005 0749
Oxygen, Dissolved	122		mg/L	1.0	360.1	660-4252	03/24/2005 0905
Water Level	11.1		ft	1.0	Water	660-4276	03/24/2005 0905
Well Depth	26.6		ft	0.0100 0.0100 1.0	Well Depth	660-4285	03/24/2005 0905

Client Sample ID: FB

Lab Sample ID: 660-935-7

Client Matrix: Water

Date Sampled: 03/24/2005 0930

Date Received: 03/25/2005 0840

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Specific Conductance	1.00		umhos/cm	1.0	120.1	660-4234	03/24/2005 0930
pH	6.78		SU	1.0	150.1	660-4241	03/24/2005 0930
Temperature	20.5		Degrees C	1.0	170.1	660-4247	03/24/2005 0930
Turbidity	0.200		NTU	1.0	180.1	660-4249	03/24/2005 0749
Oxygen, Dissolved	1.00		mg/L	1.0	360.1	660-4252	03/24/2005 0930

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-935.1

General Chemistry

Client Sample ID: MWB34D

Lab Sample ID: 660-935-1
Client Matrix: WaterDate Sampled: 03/24/2005 0744
Date Received: 03/25/2005 0840

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method	Anly Batch	Date Analyzed
Chloride	5.4		mg/L	0.90	1.0	1.0	325.2	660-5243	04/20/2005 2200
Nitrogen, Nitrate	0.010	U	mg/L	0.010	0.050	1.0	353.2	660-3800	03/26/2005 0818
Ammonia	0.16		mg/L	0.040	0.050	1.0	350.1	660-3955	04/01/2005 1900

Date Prepared: 03/26/2005 0818

Analyte	Result	Qual	Units	RL	PQL	Dil	Method	Anly Batch	Date Analyzed
Total Dissolved Solids	5.0	U	mg/L	5.0	5.0	1.0	160.1	660-4924	03/31/2005 1330

Client Sample ID: MWB34I

Lab Sample ID: 660-935-2
Client Matrix: WaterDate Sampled: 03/24/2005 0815
Date Received: 03/25/2005 0840

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method	Anly Batch	Date Analyzed
Chloride	5.6		mg/L	0.90	1.0	1.0	325.2	660-5243	04/20/2005 2200
Nitrogen, Nitrate	0.010	U	mg/L	0.010	0.050	1.0	353.2	660-3800	03/26/2005 0818
Ammonia	0.040	U	mg/L	0.040	0.050	1.0	350.1	660-3955	04/01/2005 1900

Date Prepared: 03/26/2005 0818

Analyte	Result	Qual	Units	RL	PQL	Dil	Method	Anly Batch	Date Analyzed
Total Dissolved Solids	180		mg/L	5.0	5.0	1.0	160.1	660-4924	03/31/2005 1330

Analytical Data

Client: HDR, Inc.

Job Number: 660-935.1

General Chemistry

Client Sample ID: MWB34S

Lab Sample ID: 660-935-3

Client Matrix: Water

Date Sampled: 03/24/2005 0833

Date Received: 03/25/2005 0840

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method	Anly Batch	Date Analyzed
Chloride	18		mg/L	0.90	1.0	1.0	325.2	660-5243	04/20/2005 2200
Nitrogen, Nitrate	0.010	U	mg/L	0.010	0.050	1.0	353.2	660-3800	03/26/2005 0818
									Date Prepared: 03/26/2005 0818
Ammonia	2.6		mg/L	0.040	0.050	1.0	350.1	660-3955	04/01/2005 1900

Analyte	Result	Qual	Units	RL	PQL	Dil	Method	Anly Batch	Date Analyzed
Total Dissolved Solids	180		mg/L	5.0	5.0	1.0	160.1	660-4924	03/31/2005 1330

Client Sample ID: MWB33S

Lab Sample ID: 660-935-4

Client Matrix: Water

Date Sampled: 03/24/2005 0853

Date Received: 03/25/2005 0840

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method	Anly Batch	Date Analyzed
Chloride	10		mg/L	0.90	1.0	1.0	325.2	660-5243	04/20/2005 2200
Nitrogen, Nitrate	0.010	U	mg/L	0.010	0.050	1.0	353.2	660-3800	03/26/2005 0818
									Date Prepared: 03/26/2005 0818
Ammonia	0.67		mg/L	0.040	0.050	1.0	350.1	660-3955	04/01/2005 1900

Analyte	Result	Qual	Units	RL	PQL	Dil	Method	Anly Batch	Date Analyzed
Total Dissolved Solids	5.0	U	mg/L	5.0	5.0	1.0	160.1	660-4924	03/31/2005 1330

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-935.1

General Chemistry

Client Sample ID: MWB13S

Lab Sample ID: 660-935-5

Date Sampled: 03/24/2005 0905

Client Matrix: Water

Date Received: 03/25/2005 0840

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method	Anly Batch	Date Analyzed
Chloride	11		mg/L	0.90	1.0	1.0	325.2	660-5243	04/20/2005 2200
Nitrogen, Nitrate	0.058		mg/L	0.010	0.050	1.0	353.2	660-3800	03/26/2005 0818
								Date Prepared:	03/26/2005 0818
Ammonia	0.38		mg/L	0.040	0.050	1.0	350.1	660-3955	04/01/2005 1900

Analyte	Result	Qual	Units	RL	PQL	Dil	Method	Anly Batch	Date Analyzed
Total Dissolved Solids	5.0	U	mg/L	5.0	5.0	1.0	160.1	660-4924	03/31/2005 1330

Client Sample ID: EB

Lab Sample ID: 660-935-6

Date Sampled: 03/24/2005 0920

Client Matrix: Water

Date Received: 03/25/2005 0840

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method	Anly Batch	Date Analyzed
Chloride	0.90	U	mg/L	0.90	1.0	1.0	325.2	660-5243	04/20/2005 2200
Nitrogen, Nitrate	0.010	U	mg/L	0.010	0.050	1.0	353.2	660-3800	03/26/2005 0818
								Date Prepared:	03/26/2005 0818
Ammonia	0.040	U	mg/L	0.040	0.050	1.0	350.1	660-3955	04/01/2005 1900

Analyte	Result	Qual	Units	RL	PQL	Dil	Method	Anly Batch	Date Analyzed
Total Dissolved Solids	5.0	U	mg/L	5.0	5.0	1.0	160.1	660-4924	03/31/2005 1330

Analytical Data

Client: HDR, Inc.

Job Number: 660-935.1

General Chemistry

Client Sample ID: FB

Lab Sample ID: 660-935-7

Date Sampled: 03/24/2005 0930

Client Matrix: Water

Date Received: 03/25/2005 0840

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method	Anly Batch	Date Analyzed
Chloride	0.90	U	mg/L	0.90	1.0	1.0	325.2	660-5243	04/20/2005 2200
Nitrogen, Nitrate	0.010	U	mg/L	0.010	0.050	1.0	353.2	660-3800	03/26/2005 0818
Ammonia	0.040	U	mg/L	0.040	0.050	1.0	350.1	660-3955	04/01/2005 1900

Date Prepared: 03/26/2005 0818

Analyte	Result	Qual	Units	RL	PQL	Dil	Method	Anly Batch	Date Analyzed
Total Dissolved Solids	5.0	U	mg/L	5.0	5.0	1.0	160.1	660-4924	03/31/2005 1330

**STL**

DATA REPORTING QUALIFIERS

Client: HDR, Inc.

Job Number: 660-935.1

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

Quality Control Results

Client: HDR, Inc.

Job Number: 660-935.1

8260B Volatile Organic Compounds by GC/MS

Method Blank - Batch: 660-4112

Lab ID: MB 660-4112/1

Date Analyzed: 04/04/2005 2102

Dilution: 1.0

Matrix: Water

Units: ug/L

Analyte	Result	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	10
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-Dichloroethylene	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	0.83	U	0.83	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
methyl isobutyl ketone	3.8	U	3.8	10
Methylene Chloride	1.0	U	1.0	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
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

**STL****Quality Control Results**

Client: HDR, Inc.

Job Number: 660-935.1

8260B Volatile Organic Compounds by GC/MS

Laboratory Control Sample/ Control Duplicate - Batch: 660-4112

LCS Lab ID: LCS 660-4112/2

Date Analyzed: 04/04/2005 2121

Dilution: 1.0

LCSD Lab ID: LCSD 660-4112/3

Date Analyzed: 04/04/2005 2140

Dilution: 1.0

Matrix: Water

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Benzene	87	86	62 - 135	1	37	
Chlorobenzene	104	101	72 - 127	3	22	
1,1-Dichloroethylene	97	95	46 - 147	2	30	
Toluene	109	105	68 - 131	4	33	
Trichloroethene	86	88	56 - 143	2	35	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: HDR, Inc.

Job Number: 660-935.1

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography**Method Blank - Batch: 660-4003**

Lab ID: MB 660-4003/1-A

Date Analyzed: 04/01/2005 1659

Dilution: 1.0

Matrix: Water

Units: ug/L

Analyte	Result	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0030	U	0.0030	0.020
Ethylene Dibromide	0.0087	U	0.0087	0.020

Laboratory Control Sample/ Control Duplicate - Batch: 660-4003

LCS Lab ID: LCS 660-4003/2-A

Date Analyzed: 04/01/2005 1720

Dilution: 1.0

LCSD Lab ID: LCSD 660-4003/3-A

Date Analyzed: 04/01/2005 1741

Dilution: 1.0

Matrix: Water

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
1,2-Dibromo-3-Chloropropane	110	106	70 - 130	0	30	
Ethylene Dibromide	108	101	70 - 130	3	30	

Matrix Spike/Spike Duplicate - Batch: 660-4003

MS Lab ID: 660-931-O-1-A MS

Date Analyzed: 04/01/2005 1823

Dilution: 1.0

MSD Lab ID: 660-931-P-1-A MSD

Date Analyzed: 04/01/2005 1844

Dilution: 1.0

Matrix: Water

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	MS	MSD				
1,2-Dibromo-3-Chloropropane	102	99	70 - 130	1	30	
Ethylene Dibromide	97	100	70 - 130	5	30	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: HDR, Inc.

Job Number: 660-935.1

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable
Method Blank - Batch: 660-3662

Lab ID: MB 660-3662/1-A
Matrix: Water

Date Analyzed: 04/04/2005 1236
Units: mg/L

Dilution: 1.0

Analyte	Result	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.0038	U	0.0038	0.010
Barium	0.0012	U	0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00071	U	0.00071	0.0050
Cobalt	0.0014	U	0.0014	0.010
Chromium	0.0017	U	0.0017	0.010
Copper	0.0013	U	0.0013	0.020
Iron	0.037	U	0.037	0.050
Sodium	0.15	U	0.15	0.50
Nickel	0.0047	U	0.0047	0.040
Antimony	0.0029	U	0.0029	0.0060
Lead	0.0015	U	0.0015	0.0050
Selenium	0.0048	U	0.0048	0.010
Vanadium	0.0025	U	0.0025	0.010
Zinc	0.0059	U	0.0059	0.020

Laboratory Control Sample/ Control Duplicate - Batch: 660-3662

LCS Lab ID: LCS 660-3662/2-A
LCSD Lab ID: LCSD 660-3662/3-A
Matrix: Water

Date Analyzed: 04/04/2005 1241
Date Analyzed: 04/04/2005 1247

Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Silver	102	102	85 - 115	0	20	
Arsenic	100	100	85 - 115	0	20	
Barium	101	101	85 - 115	0	20	
Beryllium	104	104	85 - 115	0	20	
Cadmium	103	103	85 - 115	0	20	
Cobalt	98	99	85 - 115	1	20	
Chromium	100	101	85 - 115	1	20	
Copper	101	102	85 - 115	0	20	
Iron	102	103	85 - 115	1	20	
Sodium	97	98	85 - 115	1	20	
Nickel	99	99	85 - 115	0	20	
Antimony	99	99	85 - 115	0	20	
Lead	103	102	85 - 115	0	20	
Selenium	103	103	85 - 115	0	20	
Vanadium	102	102	85 - 115	0	20	
Zinc	105	105	85 - 115	0	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: HDR, Inc.

Job Number: 660-935.1

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Matrix Spike/Spike Duplicate - Batch: 660-3662

MS Lab ID: 660-962-B-1-A MS*R

Date Analyzed: 04/04/2005 1304

Dilution: 1.0

MSD Lab ID: 660-962-B-1-A MSD*R

Date Analyzed: 04/04/2005 1310

Dilution: 1.0

Matrix: Water

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	MS	MSD				
Silver	102	103	85 - 115	1	20	
Arsenic	99	101	85 - 115	2	20	
Barium	101	103	85 - 115	2	20	
Beryllium	105	106	85 - 115	1	20	
Cadmium	102	103	85 - 115	1	20	
Cobalt	98	100	85 - 115	2	20	
Chromium	101	103	85 - 115	2	20	
Copper	103	104	85 - 115	2	20	
Iron	102	104	85 - 115	2	20	
Sodium	115	122	85 - 115	2	20	
Nickel	98	99	85 - 115	1	20	
Antimony	99	100	85 - 115	1	20	
Lead	101	102	85 - 115	1	20	
Selenium	102	103	85 - 115	1	20	
Vanadium	103	104	85 - 115	2	20	
Zinc	103	104	85 - 115	2	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

**STL****Quality Control Results**

Client: HDR, Inc.

Job Number: 660-935.1

200.8 ICPMS Metals by 200.8**Method Blank - Batch: 680-5969**

Lab ID: MB 680-5969/15-A

Date Analyzed: 04/09/2005 0115

Dilution: 1.0

Matrix: Water

Units: ug/L

Analyte	Result	Qualifier	MDL	PQL
Thallium	0.20	U	0.20	1.0

Laboratory Control Sample - Batch: 680-5969

Lab ID: LCS 680-5969/16-A

Date Analyzed: 04/09/2005 0122

Dilution: 1.0

Matrix: Water

Units: ug/L

Analyte	Spike Amount	Result	% Rec.	Recovery Limits	Qualifier
Thallium	50.0	45	89	85 - 115	

Calculations are performed before rounding to avoid round-off errors in calculated results.



STL

Quality Control Results

Client: HDR, Inc.

Job Number: 660-935.1

200.8 ICPMS Metals by 200.8 CWA-Dissolved**Method Blank - Batch: 680-5989**Lab ID: MB 680-5989/3-A
Matrix: WaterDate Analyzed: 04/08/2005 2355
Units: ug/L

Dilution: 1.0

Analyte	Result	Qualifier	MDL	PQL
Thallium	0.25	U	0.25	1.0

Laboratory Control Sample/ Control Duplicate - Batch: 680-5989LCS Lab ID: LCS 680-5989/4-A
LCSD Lab ID: LCSD 680-5989/5-B
Matrix: WaterDate Analyzed: 04/09/2005 0002
Date Analyzed: 04/09/2005 0009Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Thallium	99	96	85 - 115	2	20	

Matrix Spike/Spike Duplicate - Batch: 680-5989MS Lab ID: 660-935-K-2-B MS*D
MSD Lab ID: 660-935-K-2-B MSD*D
Matrix: WaterDate Analyzed: 04/09/2005 0038
Date Analyzed: 04/09/2005 0046Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	MS	MSD				
Thallium	92	98	75 - 125	7	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

STL Tampa

**STL****Quality Control Results**

Client: HDR, Inc.

Job Number: 660-935.1

245.1 Mercury in Water by CVAA**Method Blank - Batch: 660-3742**Lab ID: MB 660-3742/1-A
Matrix: WaterDate Analyzed: 03/31/2005 1646
Units: mg/L

Dilution: 1.0

Analyte	Result	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

Laboratory Control Sample/ Control Duplicate - Batch: 660-3742LCS Lab ID: LCS 660-3742/2-A
LCSD Lab ID: LCSD 660-3742/3-A
Matrix: WaterDate Analyzed: 03/31/2005 1648
Date Analyzed: 03/31/2005 1650Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Mercury	92	90	80 - 120	2	20	

Matrix Spike/Spike Duplicate - Batch: 660-3742MS Lab ID: 660-968-A-1-A MS
MSD Lab ID: 660-968-A-1-A MSD
Matrix: WaterDate Analyzed: 03/31/2005 1659
Date Analyzed: 03/31/2005 1701Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	MS	MSD				
Mercury	95	95	80 - 120	0	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

STL Tampa

**STL****Quality Control Results**

Client: HDR, Inc.

Job Number: 660-935.1

160.1 Residue, Filterable, Gravimetric, Dried at 180°C (TDS)**Method Blank - Batch: 660-4924**Lab ID: MB 660-4924/1
Matrix: WaterDate Analyzed: 03/31/2005 1330
Units: mg/L

Dilution: 1.0

Analyte	Result	Qualifier	RL	PQL
Total Dissolved Solids	5.0	U	5.0	5.0

Laboratory Control Sample/ Control Duplicate - Batch: 660-4924LCS Lab ID: LCS 660-4924/2
LCSD Lab ID: LCSD 660-4924/3
Matrix: WaterDate Analyzed: 03/31/2005 1330
Date Analyzed: 03/31/2005 1330Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Total Dissolved Solids	100	98	80 - 120	2	25	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: HDR, Inc.

Job Number: 660-935.1

325.2 Chloride (Colorimetric, Automated Ferricyanide, AAI)

Method Blank - Batch: 660-5243

Lab ID: MB 660-5243/1
Matrix: Water

Date Analyzed: 04/20/2005 2200
Units: mg/L

Dilution: 1.0

Analyte	Result	Qualifier	MDL	PQL
Chloride	0.90	U	0.90	1.0

Laboratory Control Sample/ Control Duplicate - Batch: 660-5243

LCS Lab ID: LCS 660-5243/2
LCSD Lab ID: LCSD 660-5243/3
Matrix: Water

Date Analyzed: 04/20/2005 2200
Date Analyzed: 04/20/2005 2200

Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Chloride	100	102	90 - 110	2	30	

Matrix Spike/Spike Duplicate - Batch: 660-5243

MS Lab ID: 660-1179-A-7 MS
MSD Lab ID: 660-1179-A-7 MSD
Matrix: Water

Date Analyzed: 04/20/2005 2200
Date Analyzed: 04/20/2005 2200

Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	MS	MSD				
Chloride	-722	-899	90 - 110	1	30	

Calculations are performed before rounding to avoid round-off errors in calculated results.

**STL****Quality Control Results**

Client: HDR, Inc.

Job Number: 660-935.1

350.1 Nitrogen (Ammonia, Colorimetric, Automated Phenate)**Method Blank - Batch: 660-3955**Lab ID: MB 660-3955/1
Matrix: WaterDate Analyzed: 04/01/2005 1900
Units: mg/L

Dilution: 1.0

Analyte	Result	Qualifier	MDL	PQL
Ammonia	0.040	U	0.040	0.050

Laboratory Control Sample/ Control Duplicate - Batch: 660-3955LCS Lab ID: LCS 660-3955/2
LCSD Lab ID: LCSD 660-3955/3
Matrix: WaterDate Analyzed: 04/01/2005 1900
Date Analyzed: 04/01/2005 1900Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Ammonia	99	99	85 - 115	0	30	

Matrix Spike/Spike Duplicate - Batch: 660-3955MS Lab ID: 660-935-B-1 MS
MSD Lab ID: 660-935-B-1 MSD
Matrix: WaterDate Analyzed: 04/01/2005 1900
Date Analyzed: 04/01/2005 1900Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	MS	MSD				
Ammonia	99	100	85 - 115	0	30	

Calculations are performed before rounding to avoid round-off errors in calculated results.



STL

Quality Control Results

Client: HDR, Inc.

Job Number: 660-935.1

353.2 Nitrogen, Nitrate-Nitrite (Colorimetric, Automated, Cadmium Reduction)

Method Blank - Batch: 660-3800

Lab ID: MB 660-3800/1

Date Analyzed: 03/26/2005 0818

Dilution: 1.0

Matrix: Water

Units: mg/L

Analyte	Result	Qualifier	MDL	PQL
Nitrogen, Nitrate	0.010	U	0.010	0.050

Calculations are performed before rounding to avoid round-off errors in calculated results.

STL Tampa

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN
TRENT

STL

STL Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634Website: www.stl-inc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

660-935

Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE TRAIL RIDGE	PROJECT NO.	PROJECT LOCATION (STATE) FL	MATRIX TYPE	REQUIRED ANALYSIS										PAGE 1	OF 1
SAMPLER'S SIGNATURE 	P.O. NUMBER	CONTRACT NO.	COMPOSITE (C) OR GRAB (G) INDICATE AQUEOUS (WATER) SOLID OR SEMISOLID AIR NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	1	H ₂ O	NH ₃	APP I Metals + Fe, Hg, Ni	THALLIUM	APP I 8260	APP I ED08	DISSOLVED Metals	DISSOLVED THALLIUM	STANDARD REPORT DELIVERY		
CLIENT (SITE) PM AL BURSEW	CLIENT PHONE	CLIENT FAX											DATE DUE		
CLIENT NAME TRAIL RIDGE	CLIENT E-MAIL												EXPEDITED REPORT DELIVERY (SURCHARGE)		
CLIENT ADDRESS		DATE DUE													
COMPANY CONTRACTING THIS WORK (if applicable)				PRESERVATIVE										NUMBER OF COOLERS SUBMITTED PER SHIPMENT:	

SAMPLE		SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	NUMBER OF CONTAINERS SUBMITTED										REMARKS
DATE	TIME							1	2	3	4	5	6	7	8	9	10	
3/24	0744	MWB 34 D	G	✓				1	1	1	1	3	3					
3/24	0815	MWB 34 I	G	✓				1	1	1	1	3	3	1	1			
3/24	0833	MWB 34 S	G	✓				1	1	1	1	3	3					
3/24	0853	MWB 33 S	G	✓				1	1	1	1	3	3					
3/24	0905	MWB 13 S	G	✓				1	1	1	1	3	3	1	1			
3/24	0920	EB	G	✓				1	1	1	1	3	3					
3/24	0930	FB	G	✓				1	1	1	1	3	3					
3/24	—	TRIP	G	✓								3	3					

RELINQUISHED BY: (SIGNATURE) 	DATE 3/24/05	TIME 1600	RELINQUISHED BY: (SIGNATURE) 	DATE 3-24-05	TIME 1600	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
RECEIVED BY: (SIGNATURE) 	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS								

LABORATORY USE ONLY				44			
RECEIVED FOR LABORATORY BY: (SIGNATURE) 	DATE 3-25-05	TIME 0840	CUSTODY INTACT YES ☒ NO ☐	CUSTODY SEAL NO. N/S	STL TAMPA LOG NO. 660-935	LABORATORY REMARKS	

ANALYTICAL REPORT

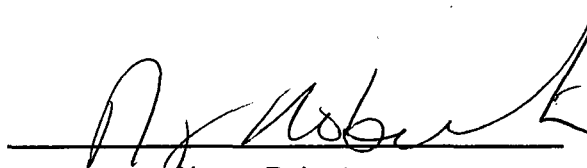
Job Number: 660-904.1

Job Description: Semi-annual Phase III/IV/Trail Ridge

For:

HDR, Inc.
200 W. Forsyth St., Suite 800
Jacksonville, FL 32202

Attention: Mr. Brad Stone



Nancy Robertson
Project Manager I
nrobertson@stl-inc.com

04/26/2005

Methods: FDEP, 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.



STL

METHOD SUMMARY

Client: HDR, Inc.

Job Number: 660-904.1

Description	Method	Preparation Method
Matrix: Water		
Volatile Organic Compounds by GC/MS	SW846 8260B	
Purge-and-Trap		SW846 5030B
EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography	EPA-01 504.1	
EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography (		EPA-DW 504.1
ICP Metals by 200.7	EPA 200.7 Rev 4.4	
Total Recoverable Metals Digestion for 200.7		40CFR136A 200.7 Appx C
ICPMS Metals by 200.8	EPA 200.8	
Total Metals Digestion for 200.8		MCAWW 4.3.1
Mercury in Water by CVAA	EPA 245.1	
Digestion for CVAA Mercury in Waters		EPA 245.1
Conductivity, Specific Conductance Field	MCAWW 120.1	
pH, Electrometric Field	MCAWW 150.1	
Temperature, Thermometric Field	MCAWW 170.1	
Turbidity, Nephelometric Field	MCAWW 180.1	
Oxygen (Dissolved, Membrane Electrode) Field	MCAWW 360.1	
Water Level, Field	FL-DEP Water Level	
Well Depth, Field	FL-DEP Well Depth	
Residue, Filterable, Gravimetric, Dried at 180°C (TDS)	MCAWW 160.1	
Chloride (Colorimetric, Automated Ferricyanide, AAI	MCAWW 325.2	
Nitrogen (Ammonia, Colorimetric, Automated Phenate)	MCAWW 350.1	
Nitrogen, Nitrate-Nitrite (Colorimetric, Automated, Cadmium Reduction)	MCAWW 353.2	
Nitrogen, Nitrate-Nitrite (Colorimetric, Automated, Cadmium Reduction)/Prep		MCAWW 353.2



STL

METHOD SUMMARY

Client: HDR, Inc.

Job Number: 660-904.1

Description	Method	Preparation Method
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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.

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



STL

SAMPLE SUMMARY

Client: HDR, Inc.

Job Number: 660-904.1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
660-904-1	MWB13I	Water	03/23/2005 1420	03/24/2005 0845
660-904-2	TRIP BLANK	Water	03/23/2005 1420	03/24/2005 0845

Analytical Data

Client: HDR, Inc.

Job Number: 660-904.1

Client Sample ID: **MWB13I**

Lab Sample ID: 660-904-1

Date Sampled: 03/23/2005 1420

Client Matrix: Water

Date Received: 03/24/2005 0845

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 660-4051

Instrument ID: BVMH GC/MS

Preparation: 8260B

Lab File ID: 2HC3123.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 04/01/2005 0349

Final Weight/Volume: 5 mL

Date Prepared: 04/01/2005 0349

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	10
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-Dichloroethylene	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	0.83	U	0.83	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
methyl isobutyl ketone	3.8	U	3.8	10
Methylene Chloride	1.0	U	1.0	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

Analytical Data

Client: HDR, Inc.

Job Number: 660-904.1

Client Sample ID: MWB13I

Lab Sample ID: 660-904-1

Client Matrix: Water

Date Sampled: 03/23/2005 1420

Date Received: 03/24/2005 0845

8260B Volatile Organic Compounds by GC/MS (Continued)

Method:	8260B	Analysis Batch:	660-4051	Instrument ID:	BVMH GC/MS
Preparation:	8260B			Lab File ID:	2HC3123.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	04/01/2005 0349			Final Weight/Volume:	5 mL
Date Prepared:	04/01/2005 0349				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
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
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	83	74 - 126
Dibromofluoromethane	94	70 - 130
Toluene-d8	98	77 - 122

Analytical Data

Client: HDR, Inc.

Job Number: 660-904.1

Client Sample ID: TRIP BLANK

Lab Sample ID: 660-904-2

Date Sampled: 03/23/2005 1420

Client Matrix: Water

Date Received: 03/24/2005 0845

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 660-4051

Instrument ID: BVMH GC/MS

Preparation: 8260B

Lab File ID: 2HC3122.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 04/01/2005 0330

Final Weight/Volume: 5 mL

Date Prepared: 04/01/2005 0330

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	10
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-Dichloroethylene	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	0.83	U	0.83	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
methyl isobutyl ketone	3.8	U	3.8	10
Methylene Chloride	1.0	U	1.0	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

STL Tampa

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-904.1

Client Sample ID: **TRIP BLANK**

Lab Sample ID: 660-904-2

Date Sampled: 03/23/2005 1420

Client Matrix: Water

Date Received: 03/24/2005 0845

8260B Volatile Organic Compounds by GC/MS (Continued)

Method:	8260B	Analysis Batch:	660-4051	Instrument ID:	BVMH GC/MS
Preparation:	8260B			Lab File ID:	2HC3122.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	04/01/2005 0330			Final Weight/Volume:	5 mL
Date Prepared:	04/01/2005 0330				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
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
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	84	74 - 126
Dibromofluoromethane	96	70 - 130
Toluene-d8	98	77 - 122

Analytical Data

Client: HDR, Inc.

Job Number: 660-904.1

Client Sample ID: MWB13I

Lab Sample ID: 660-904-1

Client Matrix: Water

Date Sampled: 03/23/2005 1420

Date Received: 03/24/2005 0845

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1

Analysis Batch: 660-3876

Instrument ID: HP 5890 Series II ECD1/2

Preparation: 504.1

Prep Batch: 660-3856

Lab File ID: 1C30S036.D

Dilution: 1.0

Initial Weight/Volume: 33.9853 g

Date Analyzed: 03/31/2005 0731

Final Weight/Volume: 3 mL

Date Prepared: 03/30/2005 1850

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

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-904.1

Client Sample ID: **TRIP BLANK**

Lab Sample ID: 660-904-2

Date Sampled: 03/23/2005 1420

Client Matrix: Water

Date Received: 03/24/2005 0845

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1

Analysis Batch: 660-3876

Instrument ID: HP 5890 Series II ECD1/2

Preparation: 504.1

Prep Batch: 660-3856

Lab File ID: 1C30S037.D

Dilution: 1.0

Initial Weight/Volume: 35.4818 g

Date Analyzed: 03/31/2005 0752

Final Weight/Volume: 3 mL

Date Prepared: 03/30/2005 1850

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

Analytical Data

Client: HDR, Inc.

Job Number: 660-904.1

Client Sample ID: MWB13I

Lab Sample ID: 660-904-1

Date Sampled: 03/23/2005 1420

Client Matrix: Water

Date Received: 03/24/2005 0845

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method:	200.7 Rev 4.4	Analysis Batch:	660-3903	Instrument ID:	TJA ICP TRACE
Preparation:	200.7 Rev 4.4	Prep Batch:	660-3582	Lab File ID:	5D01A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	04/01/2005 0934			Final Weight/Volume:	50 mL
Date Prepared:	03/28/2005 1644				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.0038	U	0.0038	0.010
Barium	0.035		0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00071	U	0.00071	0.0050
Cobalt	0.0014	U	0.0014	0.010
Chromium	0.0020	I	0.0017	0.010
Copper	0.0013	U	0.0013	0.020
Iron	0.41		0.037	0.050
Sodium	3.0		0.15	0.50
Nickel	0.0047	U	0.0047	0.040
Antimony	0.0029	U	0.0029	0.0060
Lead	0.0015	U	0.0015	0.0050
Selenium	0.0048	U	0.0048	0.010
Vanadium	0.0025	U	0.0025	0.010
Zinc	0.0059	U	0.0059	0.020

200.8 ICPMS Metals by 200.8

Method:	200.8	Analysis Batch:	680-6180	Instrument ID:	ICP MS
Preparation:	200.8	Prep Batch:	680-5758	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	04/02/2005 1532			Final Weight/Volume:	250 mL
Date Prepared:	04/01/2005 0852				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.20	U	0.20	1.0



STL

Analytical Data

Client: HDR, Inc.

Job Number: 660-904.1

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch:	660-3916	Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch:	660-3742	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/31/2005 1744			Final Weight/Volume:	50 mL
Date Prepared:	03/30/2005 1445				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

A analytical Data

Client: HDR, Inc.

Job Number: 660-904.1

Field Service / Mobile Lab

Client Sample ID: MWB131

Lab Sample ID: 660-904-1

Client Matrix: Water

Date Sampled: 03/23/2005 1420

Date Received: 03/24/2005 0845

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Specific Conductance	36.0		umhos/cm	1.0	120.1	660-4234	03/23/2005 1220
pH	5.05		SU	1.0	150.1	660-4241	03/23/2005 1220
Temperature	22.6		Degrees C	1.0	170.1	660-4247	03/23/2005 1220
Turbidity	16.9		NTU	1.0	180.1	660-4249	03/23/2005 0749
Oxygen, Dissolved	36.0		mg/L	1.0	360.1	660-4252	03/23/2005 1220
Water Level	107		ft	1.0	Water	660-4276	03/23/2005 1420
Well Depth	60.5		ft	0.0100	0.0100	1.0	Well Depth 660-4285 03/23/2005 1420

Analytical Data

Client: HDR, Inc.

Job Number: 660-904.1

General Chemistry

Client Sample ID: MWB13I

Lab Sample ID: 660-904-1

Date Sampled: 03/23/2005 1420

Client Matrix: Water

Date Received: 03/24/2005 0845

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method	Anly Batch	Date Analyzed
Chloride	7.2		mg/L	0.90	1.0	1.0	325.2	660-4033	04/04/2005 1330
Nitrogen, Nitrate	0.010	U	mg/L	0.010	0.050	1.0	353.2	660-3526	03/25/2005 1341
								Date Prepared:	03/25/2005 1341
Ammonia	0.059		mg/L	0.040	0.050	1.0	350.1	660-5356	04/22/2005 1600

Analyte	Result	Qual	Units	RL	PQL	Dil	Method	Anly Batch	Date Analyzed
Total Dissolved Solids	54		mg/L	5.0	5.0	1.0	160.1	660-4094	03/29/2005 1500

DATA REPORTING QUALIFIERS

Client: HDR, Inc.

Job Number: 660-904.1

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

Quality Control Results

Client: HDR, Inc.

Job Number: 660-904.1

8260B Volatile Organic Compounds by GC/MS

Method Blank - Batch: 660-4051

Lab ID: MB 660-4051/3

Date Analyzed: 03/31/2005 2301

Dilution: 1.0

Matrix: Water

Units: ug/L

Analyte	Result	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	10
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-Dichloroethylene	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	0.83	U	0.83	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
methyl isobutyl ketone	3.8	U	3.8	10
Methylene Chloride	1.0	U	1.0	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
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: HDR, Inc.

Job Number: 660-904.1

8260B Volatile Organic Compounds by GC/MS

Laboratory Control Sample/ Control Duplicate - Batch: 660-4051

LCS Lab ID: LCS 660-4051/4

Date Analyzed: 03/31/2005 2320

Dilution: 1.0

LCSD Lab ID: LCSD 660-4051/5

Date Analyzed: 03/31/2005 2339

Dilution: 1.0

Matrix: Water

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Benzene	89	90	62 - 135	2	37	
Chlorobenzene	104	103	72 - 127	1	22	
1,1-Dichloroethylene	92	91	46 - 147	1	30	
Toluene	102	102	68 - 131	0	33	
Trichloroethene	90	90	56 - 143	0	35	

Matrix Spike/Spike Duplicate - Batch: 660-4051

MS Lab ID: 660-902-F-1 MS

Date Analyzed: 04/01/2005 1829

Dilution: 1.0

MSD Lab ID: 660-902-E-1 MSD

Date Analyzed: 04/01/2005 1849

Dilution: 1.0

Matrix: Water

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	MS	MSD				
Benzene	83	86	62 - 135	3	37	
Chlorobenzene	104	97	72 - 127	7	22	
1,1-Dichloroethylene	101	103	46 - 147	3	30	
Toluene	100	104	68 - 131	3	33	
Trichloroethene	86	87	56 - 143	1	35	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: HDR, Inc.

Job Number: 660-904.1

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method Blank - Batch: 660-3856

Lab ID: MB 660-3856/3-A
Matrix: Water

Date Analyzed: 03/30/2005 2328
Units: ug/L

Dilution: 1.0

Analyte	Result	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0030	U	0.0030	0.020
Ethylene Dibromide	0.0087	U	0.0087	0.020

Laboratory Control Sample/ Control Duplicate - Batch: 660-3856

LCS Lab ID: LCS 660-3856/4-A
LCSD Lab ID: LCSD 660-3856/5-A
Matrix: Water

Date Analyzed: 03/30/2005 2349
Date Analyzed: 03/31/2005 0010

Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
1,2-Dibromo-3-Chloropropane	100	94	70 - 130	7	30	
Ethylene Dibromide	104	89	70 - 130	16	30	

Matrix Spike/Spike Duplicate - Batch: 660-3856

MS Lab ID: 660-847-J-1-A MS
MSD Lab ID: 660-847-H-1-A MSD
Matrix: Water

Date Analyzed: 03/31/2005 0052
Date Analyzed: 03/31/2005 0114

Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	MS	MSD				
1,2-Dibromo-3-Chloropropane	85	92	70 - 130	9	30	
Ethylene Dibromide	88	94	70 - 130	8	30	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: HDR, Inc.

Job Number: 660-904.1

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable
Method Blank - Batch: 660-3582

Lab ID: MB 660-3582/1-A
Matrix: Water

Date Analyzed: 04/01/2005 0656
Units: mg/L

Dilution: 1.0

Analyte	Result	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.0038	U	0.0038	0.010
Barium	0.0012	U	0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00071	U	0.00071	0.0050
Cobalt	0.0014	U	0.0014	0.010
Chromium	0.0017	U	0.0017	0.010
Copper	0.0013	U	0.0013	0.020
Iron	0.037	U	0.037	0.050
Sodium	0.15	U	0.15	0.50
Nickel	0.0047	U	0.0047	0.040
Antimony	0.0029	U	0.0029	0.0060
Lead	0.0015	U	0.0015	0.0050
Selenium	0.0048	U	0.0048	0.010
Vanadium	0.0025	U	0.0025	0.010
Zinc	0.0059	U	0.0059	0.020

Laboratory Control Sample/ Control Duplicate - Batch: 660-3582

LCS Lab ID: LCS 660-3582/2-A
LCSD Lab ID: LCSD 660-3582/3-A
Matrix: Water

Date Analyzed: 04/01/2005 0702
Date Analyzed: 04/01/2005 0708

Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Silver	101	99	85 - 115	2	20	
Arsenic	102	99	85 - 115	3	20	
Barium	100	98	85 - 115	2	20	
Beryllium	104	102	85 - 115	2	20	
Cadmium	105	102	85 - 115	2	20	
Cobalt	101	98	85 - 115	4	20	
Chromium	104	101	85 - 115	3	20	
Copper	102	100	85 - 115	2	20	
Iron	102	99	85 - 115	3	20	
Sodium	95	94	85 - 115	1	20	
Nickel	103	100	85 - 115	3	20	
Antimony	99	96	85 - 115	3	20	
Lead	104	101	85 - 115	3	20	
Selenium	104	101	85 - 115	3	20	
Vanadium	104	101	85 - 115	2	20	
Zinc	108	104	85 - 115	3	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

**STL****Quality Control Results**

Client: HDR, Inc.

Job Number: 660-904.1

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Matrix Spike/Spike Duplicate - Batch: 660-3582

MS Lab ID: 660-902-C-1-A MS*R

Date Analyzed: 04/01/2005 0724

Dilution: 1.0

MSD Lab ID: 660-902-C-1-A MSD*R

Date Analyzed: 04/01/2005 0730

Dilution: 1.0

Matrix: Water

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	MS	MSD				
Silver	102	100	85 - 115	2	20	
Arsenic	101	100	85 - 115	1	20	
Barium	100	99	85 - 115	1	20	
Beryllium	105	103	85 - 115	2	20	
Cadmium	104	102	85 - 115	1	20	
Cobalt	100	100	85 - 115	0	20	
Chromium	104	102	85 - 115	1	20	
Copper	103	101	85 - 115	2	20	
Iron	107	105	85 - 115	1	20	
Sodium	99	98	85 - 115	0	20	
Nickel	101	101	85 - 115	1	20	
Antimony	98	97	85 - 115	1	20	
Lead	103	102	85 - 115	1	20	
Selenium	102	101	85 - 115	1	20	
Vanadium	104	102	85 - 115	2	20	
Zinc	107	106	85 - 115	1	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: HDR, Inc.

Job Number: 660-904.1

200.8 ICPMS Metals by 200.8**Method Blank - Batch: 680-5758**

Lab ID: MB 680-5758/19-A

Date Analyzed: 04/02/2005 1441

Dilution: 1.0

Matrix: Water

Units: ug/L

Analyte	Result	Qualifier	MDL	PQL
Thallium	0.20	U	0.20	1.0

Laboratory Control Sample/ Control Duplicate - Batch: 680-5758

LCS Lab ID: LCS 680-5758/20-A

Date Analyzed: 04/02/2005 1449

Dilution: 1.0

LCSD Lab ID: LCSD 680-5758/21-A

Date Analyzed: 04/02/2005 1456

Dilution: 1.0

Matrix: Water

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Thallium	98	96	85 - 115	1	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

**STL****Quality Control Results**

Client: HDR, Inc.

Job Number: 660-904.1

245.1 Mercury in Water by CVAA**Method Blank - Batch: 660-3742**Lab ID: MB 660-3742/1-A
Matrix: WaterDate Analyzed: 03/31/2005 1646
Units: mg/L

Dilution: 1.0

Analyte	Result	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

Laboratory Control Sample/ Control Duplicate - Batch: 660-3742LCS Lab ID: LCS 660-3742/2-A
LCSD Lab ID: LCSD 660-3742/3-A
Matrix: WaterDate Analyzed: 03/31/2005 1648
Date Analyzed: 03/31/2005 1650Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Mercury	92	90	80 - 120	2	20	

Matrix Spike/Spike Duplicate - Batch: 660-3742MS Lab ID: 660-968-A-1-A MS
MSD Lab ID: 660-968-A-1-A MSD
Matrix: WaterDate Analyzed: 03/31/2005 1659
Date Analyzed: 03/31/2005 1701Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	MS	MSD				
Mercury	95	95	80 - 120	0	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: HDR, Inc.

Job Number: 660-904.1

160.1 Residue, Filterable, Gravimetric, Dried at 180°C (TDS)

Method Blank - Batch: 660-4094

Lab ID: MB 660-4094/1
Matrix: Water

Date Analyzed: 03/29/2005 1500
Units: mg/L

Dilution: 1.0

Analyte	Result	Qualifier	RL	PQL
Total Dissolved Solids	Err		5.0	5.0

Laboratory Control Sample/ Control Duplicate - Batch: 660-4094

LCS Lab ID: LCS 660-4094/2
LCSD Lab ID: LCSD 660-4094/3
Matrix: Water

Date Analyzed: 03/29/2005 1500
Date Analyzed: 03/29/2005 1500

Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Total Dissolved Solids	102	101	80 - 120	1	25	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: HDR, Inc.

Job Number: 660-904.1

325.2 Chloride (Colorimetric, Automated Ferricyanide, AAI)

Method Blank - Batch: 660-4033

Lab ID: MB 660-4033/1
Matrix: Water

Date Analyzed: 04/04/2005 1330
Units: mg/L

Dilution: 1.0

Analyte	Result	Qualifier	MDL	PQL
Chloride	0.90	U	0.90	1.0

Laboratory Control Sample/ Control Duplicate - Batch: 660-4033

LCS Lab ID: LCS 660-4033/2
LCSD Lab ID: LCSD 660-4033/3
Matrix: Water

Date Analyzed: 04/04/2005 1330
Date Analyzed: 04/04/2005 1330

Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Chloride	104	100	90 - 110	4	30	

Calculations are performed before rounding to avoid round-off errors in calculated results.

**STL****Quality Control Results**

Client: HDR, Inc.

Job Number: 660-904.1

350.1 Nitrogen (Ammonia, Colorimetric, Automated Phenate)**Method Blank - Batch: 660-5356**

Lab ID: MB 660-5356/1

Date Analyzed: 04/22/2005 1600

Dilution: 1.0

Matrix: Water

Units: mg/L

Analyte	Result	Qualifier	MDL	PQL
Ammonia	0.040	U	0.040	0.050

Laboratory Control Sample/ Control Duplicate - Batch: 660-5356

LCS Lab ID: LCS 660-5356/2

Date Analyzed: 04/22/2005 1600

Dilution: 1.0

LCSD Lab ID: LCSD 660-5356/3

Date Analyzed: 04/22/2005 1600

Dilution: 1.0

Matrix: Water

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Ammonia	100	100	85 - 115	0	30	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: HDR, Inc.

Job Number: 660-904.1

353.2 Nitrogen, Nitrate-Nitrite (Colorimetric, Automated, Cadmium Reduction)

Method Blank - Batch: 660-3526

Lab ID: MB 660-3526/1
Matrix: Water

Date Analyzed: 03/25/2005 1341
Units: mg/L

Dilution: 1.0

Analyte	Result	Qualifier	MDL	PQL
Nitrogen, Nitrate	0.010	U	0.010	0.050

Laboratory Control Sample/ Control Duplicate - Batch: 660-3526

LCS Lab ID: LCS 660-3526/2
LCSD Lab ID: LCSD 660-3526/3
Matrix: Water

Date Analyzed: 03/25/2005 1341
Date Analyzed: 03/25/2005 1341

Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Nitrogen, Nitrate	102	103	80 - 120	1	30	

Calculations are performed before rounding to avoid round-off errors in calculated results.

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:

[illegible]

LABORATORY USE ONLY						
RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	STL TAMPA LOG NO.	LABORATORY REMARKS
<i>[Signature]</i>	3-24-05	0845	YES ☐ NO ☐		660-904	

Case Narrative: STL Project 660-903

Client: City of Jacksonville

Project: Trail Ridge

Laboratory: STL Tampa

Six liquid samples and two Trip Blanks were received on March 24, 2005 and logged in as STL Project 660-903.

Total Dissolved Solids

Due to a laboratory error, the TDS analysis was not performed within the EPA recommended holding time. I could not find similar sample Ids to compare data from a past project.



STL

ANALYTICAL REPORT

Job Number: 660-903.1

Job Description: Semi-annual Background/Trail Ridge

For:

HDR, Inc.
200 W. Forsyth St., Suite 800
Jacksonville, FL 32202

Attention: Mr. Brad Stone

A handwritten signature in black ink, appearing to read "N. Robertson", written over a horizontal line.

Nancy Robertson
Project Manager I
nrobertson@stl-inc.com

05/03/2005

Methods: FDEP, 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 Laboratories, Inc.
STL Tampa 6712 Benjamin Road, Suite 100, Tampa, FL 33634
Tel 813-8857427 Fax 813-8857049 www.stl-inc.com

METHOD SUMMARY

Client: HDR, Inc.

Job Number: 660-903.1

Description	Method	Preparation Method
Matrix: Water		
Volatile Organic Compounds by GC/MS Purge-and-Trap	SW846 8260B	SW846 5030B
EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography	EPA-01 504.1	
EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography (		EPA-DW 504.1
ICP Metals by 200.7 Total Recoverable Metals Digestion for 200.7	EPA 200.7 Rev 4.4	40CFR136A 200.7 Appx C
ICPMS Metals by 200.8 Total Metals Digestion for 200.8	EPA 200.8	MCAWW 4.3.1
Mercury in Water by CVAA Digestion for CVAA Mercury in Waters	EPA 245.1	EPA 245.1
Conductivity, Specific Conductance Field	MCAWW 120.1	
pH, Electrometric Field	MCAWW 150.1	
Temperature, Thermometric Field	MCAWW 170.1	
Turbidity, Nephelometric Field	MCAWW 180.1	
Oxygen (Dissolved, Membrane Electrode) Field	MCAWW 360.1	
Water Level, Field	FL-DEP Water Level	
Well Depth, Field	FL-DEP Well Depth	
Residue, Filterable, Gravimetric, Dried at 180°C (TDS)	MCAWW 160.1	
Chloride (Colorimetric, Automated Ferricyanide, AAI	MCAWW 325.2	
Nitrogen (Ammonia, Colorimetric, Automated Phenate)	MCAWW 350.1	
Nitrogen, Nitrate-Nitrite (Colorimetric, Automated, Cadmium Reduction)	MCAWW 353.2	
Nitrogen, Nitrate-Nitrite (Colorimetric, Automated, Cadmium Reduction)/Prep		MCAWW 353.2



STL

METHOD SUMMARY

Client: HDR, Inc.

Job Number: 660-903.1

Description	Method	Preparation Method
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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.

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



STL

SAMPLE SUMMARY

Client: HDR, Inc.

Job Number: 660-903.1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
660-903-1	MWB2I	Water	03/23/2005 1201	03/24/2005 0840
660-903-2	MWB2S	Water	03/23/2005 1218	03/24/2005 0840
660-903-3	MWB31D	Water	03/23/2005 1241	03/24/2005 0840
660-903-4	MWB3I	Water	03/23/2005 1344	03/24/2005 0840
660-903-5	MWB3S	Water	03/23/2005 1306	03/24/2005 0840
660-903-6	DUP04	Water	03/23/2005 1241	03/24/2005 0840
660-903-7	TRIP BLANK APPI 8260	Water	03/23/2005 1201	03/24/2005 0840
660-903-8	TRIP BLANK APPI EDB	Water	03/23/2005 1201	03/24/2005 0840

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-903.1

Client Sample ID: **MWB2I**

Lab Sample ID: 660-903-1

Date Sampled: 03/23/2005 1201

Client Matrix: Water

Date Received: 03/24/2005 0840

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 660-4050

Instrument ID: BVMH GC/MS

Preparation: 5030B

Lab File ID: 1HC3126.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 03/31/2005 1852

Final Weight/Volume: 5 mL

Date Prepared: 03/31/2005 1852

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	10
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-Dichloroethylene	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	0.83	U	0.83	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
methyl isobutyl ketone	3.8	U	3.8	10
Methylene Chloride	1.0	U	1.0	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

STL Tampa

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-903.1

Client Sample ID: **MWB2I**

Lab Sample ID: 660-903-1

Date Sampled: 03/23/2005 1201

Client Matrix: Water

Date Received: 03/24/2005 0840

8260B Volatile Organic Compounds by GC/MS (Continued)

Method: 8260B

Analysis Batch: 660-4050

Instrument ID: BVMH GC/MS

Preparation: 5030B

Lab File ID: 1HC3126.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 03/31/2005 1852

Final Weight/Volume: 5 mL

Date Prepared: 03/31/2005 1852

Analyte	Result (ug/L)	Qualifier	MDL	PQL
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
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0
Surrogate	%Rec	Acceptance Limits		
4-Bromofluorobenzene	88	74 - 126		
Dibromofluoromethane	94	70 - 130		
Toluene-d8	97	77 - 122		

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-903.1

Client Sample ID: **MWB2S**

Lab Sample ID: 660-903-2

Date Sampled: 03/23/2005 1218

Client Matrix: Water

Date Received: 03/24/2005 0840

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 660-4050

Instrument ID: BVMH GC/MS

Preparation: 5030B

Lab File ID: 1HC3127.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 03/31/2005 1911

Final Weight/Volume: 5 mL

Date Prepared: 03/31/2005 1911

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	10
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-Dichloroethylene	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	0.83	U	0.83	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
methyl isobutyl ketone	3.8	U	3.8	10
Methylene Chloride	1.0	U	1.0	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

STL Tampa

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-903.1

Client Sample ID: **MWB2S**

Lab Sample ID: 660-903-2

Date Sampled: 03/23/2005 1218

Client Matrix: Water

Date Received: 03/24/2005 0840

8260B Volatile Organic Compounds by GC/MS (Continued)

Method: 8260B

Analysis Batch: 660-4050

Instrument ID: BVMH GC/MS

Preparation: 5030B

Lab File ID: 1HC3127.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 03/31/2005 1911

Final Weight/Volume: 5 mL

Date Prepared: 03/31/2005 1911

Analyte	Result (ug/L)	Qualifier	MDL	PQL
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
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0
Surrogate	%Rec	Acceptance Limits		
4-Bromofluorobenzene	90	74 - 126		
Dibromofluoromethane	96	70 - 130		
Toluene-d8	98	77 - 122		

Analytical Data

Client: HDR, Inc.

Job Number: 660-903.1

Client Sample ID: MWB31D

Lab Sample ID: 660-903-3

Client Matrix: Water

Date Sampled: 03/23/2005 1241

Date Received: 03/24/2005 0840

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 660-4050

Instrument ID: BVMH GC/MS

Preparation: 5030B

Lab File ID: 1HC3128.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 03/31/2005 1930

Final Weight/Volume: 5 mL

Date Prepared: 03/31/2005 1930

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	10
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-Dichloroethylene	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	0.83	U	0.83	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
methyl isobutyl ketone	3.8	U	3.8	10
Methylene Chloride	1.0	U	1.0	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

Analytical Data

Client: HDR, Inc.

Job Number: 660-903.1

Client Sample ID: **MWB31D**

Lab Sample ID: 660-903-3

Date Sampled: 03/23/2005 1241

Client Matrix: Water

Date Received: 03/24/2005 0840

8260B Volatile Organic Compounds by GC/MS (Continued)

Method:	8260B	Analysis Batch:	660-4050	Instrument ID:	BVMH GC/MS
Preparation:	5030B			Lab File ID:	1HC3128.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/31/2005 1930			Final Weight/Volume:	5 mL
Date Prepared:	03/31/2005 1930				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
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
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0
Surrogate	%Rec	Acceptance Limits		
4-Bromofluorobenzene	88	74 - 126		
Dibromofluoromethane	94	70 - 130		
Toluene-d8	97	77 - 122		

Analytical Data

Client: HDR, Inc.

Job Number: 660-903.1

Client Sample ID: MWB3I

Lab Sample ID: 660-903-4

Date Sampled: 03/23/2005 1344

Client Matrix: Water

Date Received: 03/24/2005 0840

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 660-4050
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/31/2005 1949
Date Prepared: 03/31/2005 1949

Instrument ID: BVMH GC/MS
Lab File ID: 1HC3129.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	10
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-Dichloroethylene	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	0.83	U	0.83	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
methyl isobutyl ketone	3.8	U	3.8	10
Methylene Chloride	1.0	U	1.0	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

Analytical Data

Client: HDR, Inc.

Job Number: 660-903.1

Client Sample ID: MWB3I

Lab Sample ID: 660-903-4

Client Matrix: Water

Date Sampled: 03/23/2005 1344

Date Received: 03/24/2005 0840

8260B Volatile Organic Compounds by GC/MS (Continued)

Method:	8260B	Analysis Batch:	660-4050	Instrument ID:	BVMH GC/MS
Preparation:	5030B			Lab File ID:	1HC3129.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/31/2005 1949			Final Weight/Volume:	5 mL
Date Prepared:	03/31/2005 1949				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
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
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0
Surrogate	%Rec	Acceptance Limits		
4-Bromofluorobenzene	85	74 - 126		
Dibromofluoromethane	95	70 - 130		
Toluene-d8	95	77 - 122		

Analytical Data

Client: HDR, Inc.

Job Number: 660-903.1

Client Sample ID: MWB3S

Lab Sample ID: 660-903-5

Date Sampled: 03/23/2005 1306

Client Matrix: Water

Date Received: 03/24/2005 0840

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 660-4050
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/31/2005 2009
Date Prepared: 03/31/2005 2009

Instrument ID: BVMH GC/MS
Lab File ID: 1HC3130.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	10
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-Dichloroethylene	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	0.83	U	0.83	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
methyl isobutyl ketone	3.8	U	3.8	10
Methylene Chloride	1.0	U	1.0	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

Analytical Data

Client: HDR, Inc.

Job Number: 660-903.1

Client Sample ID: MWB3S

Lab Sample ID: 660-903-5

Client Matrix: Water

Date Sampled: 03/23/2005 1306

Date Received: 03/24/2005 0840

8260B Volatile Organic Compounds by GC/MS (Continued)

Method:	8260B	Analysis Batch:	660-4050	Instrument ID:	BVMH GC/MS
Preparation:	5030B			Lab File ID:	1HC3130.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/31/2005 2009			Final Weight/Volume:	5 mL
Date Prepared:	03/31/2005 2009				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
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
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0
Surrogate	%Rec	Acceptance Limits		
4-Bromofluorobenzene	88	74 - 126		
Dibromofluoromethane	97	70 - 130		
Toluene-d8	94	77 - 122		

Analytical Data

Client: HDR, Inc.

Job Number: 660-903.1

Client Sample ID: DUP04

Lab Sample ID: 660-903-6

Date Sampled: 03/23/2005 1241

Client Matrix: Water

Date Received: 03/24/2005 0840

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 660-4050

Instrument ID: BVMH GC/MS

Preparation: 5030B

Lab File ID: 1HC3131.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 03/31/2005 2028

Final Weight/Volume: 5 mL

Date Prepared: 03/31/2005 2028

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	10
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-Dichloroethylene	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	0.83	U	0.83	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
methyl isobutyl ketone	3.8	U	3.8	10
Methylene Chloride	1.0	U	1.0	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

STL Tampa

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-903.1

Client Sample ID: **DUP04**

Lab Sample ID: 660-903-6

Date Sampled: 03/23/2005 1241

Client Matrix: Water

Date Received: 03/24/2005 0840

8260B Volatile Organic Compounds by GC/MS (Continued)

Method: 8260B

Analysis Batch: 660-4050

Instrument ID: BVMH GC/MS

Preparation: 5030B

Lab File ID: 1HC3131.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 03/31/2005 2028

Final Weight/Volume: 5 mL

Date Prepared: 03/31/2005 2028

Analyte	Result (ug/L)	Qualifier	MDL	PQL
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
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0
Surrogate	%Rec	Acceptance Limits		
4-Bromofluorobenzene	90	74 - 126		
Dibromofluoromethane	93	70 - 130		
Toluene-d8	100	77 - 122		

Analytical Data

Client: HDR, Inc.

Job Number: 660-903.1

Client Sample ID: TRIP BLANK APPI 8260

Lab Sample ID: 660-903-7

Date Sampled: 03/23/2005 1201

Client Matrix: Water

Date Received: 03/24/2005 0840

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch:	660-4050	Instrument ID:	BVMH GC/MS
Preparation:	5030B			Lab File ID:	1HC3125.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/31/2005 1833			Final Weight/Volume:	5 mL
Date Prepared:	03/31/2005 1833				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	10
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-Dichloroethylene	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	0.83	U	0.83	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
methyl isobutyl ketone	3.8	U	3.8	10
Methylene Chloride	1.0	U	1.0	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

Analytical Data

Client: HDR, Inc.

Job Number: 660-903.1

Client Sample ID: TRIP BLANK APPI 8260

Lab Sample ID: 660-903-7

Date Sampled: 03/23/2005 1201

Client Matrix: Water

Date Received: 03/24/2005 0840

8260B Volatile Organic Compounds by GC/MS (Continued)

Method: 8260B Analysis Batch: 660-4050 Instrument ID: BVMH GC/MS
Preparation: 5030B Lab File ID: 1HC3125.D
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 03/31/2005 1833 Final Weight/Volume: 5 mL
Date Prepared: 03/31/2005 1833

Analyte	Result (ug/L)	Qualifier	MDL	PQL
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
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0
Surrogate	%Rec	Acceptance Limits		
4-Bromofluorobenzene	83	74 - 126		
Dibromofluoromethane	90	70 - 130		
Toluene-d8	98	77 - 122		

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-903.1

Client Sample ID: **MWB2I**

Lab Sample ID: 660-903-1

Date Sampled: 03/23/2005 1201

Client Matrix: Water

Date Received: 03/24/2005 0840

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1

Analysis Batch: 660-3902

Instrument ID: HP 5890 Series II ECD1/2

Preparation: 504.1

Prep Batch: 660-3898

Lab File ID: 1C30S045.D

Dilution: 1.0

Initial Weight/Volume: 32.5464 g

Date Analyzed: 03/31/2005 1039

Final Weight/Volume: 3 mL

Date Prepared: 03/30/2005 1850

Injection Volume:

Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0032	U	0.0032	0.022
Ethylene Dibromide	0.0094	U	0.0094	0.022

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-903.1

Client Sample ID: **MWB2S**

Lab Sample ID: 660-903-2

Date Sampled: 03/23/2005 1218

Client Matrix: Water

Date Received: 03/24/2005 0840

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1

Analysis Batch: 660-3902

Instrument ID: HP 5890 Series II ECD1/2

Preparation: 504.1

Prep Batch: 660-3898

Lab File ID: 1C30S048.D

Dilution: 1.0

Initial Weight/Volume: 34.3992 g

Date Analyzed: 03/31/2005 1143

Final Weight/Volume: 3 mL

Date Prepared: 03/30/2005 1850

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

Analytical Data

Client: HDR, Inc.

Job Number: 660-903.1

Client Sample ID: MWB31D

Lab Sample ID: 660-903-3

Date Sampled: 03/23/2005 1241

Client Matrix: Water

Date Received: 03/24/2005 0840

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method:	504.1	Analysis Batch:	660-3902	Instrument ID:	HP 5890 Series II ECD1/2
Preparation:	504.1	Prep Batch:	660-3898	Lab File ID:	1C30S050.D
Dilution:	1.0			Initial Weight/Volume:	33.9997 g
Date Analyzed:	03/31/2005 1225			Final Weight/Volume:	3 mL
Date Prepared:	03/30/2005 1850			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

Analytical Data

Client: HDR, Inc.

Job Number: 660-903.1

Client Sample ID: **MWB3I**

Lab Sample ID: 660-903-4

Date Sampled: 03/23/2005 1344

Client Matrix: Water

Date Received: 03/24/2005 0840

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1

Analysis Batch: 660-3902

Instrument ID: HP 5890 Series II ECD1/2

Preparation: 504.1

Prep Batch: 660-3898

Lab File ID: 1C30S051.D

Dilution: 1.0

Initial Weight/Volume: 33.6592 g

Date Analyzed: 03/31/2005 1246

Final Weight/Volume: 3 mL

Date Prepared: 03/30/2005 1850

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

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-903.1

Client Sample ID: **MWB3S**

Lab Sample ID: 660-903-5

Date Sampled: 03/23/2005 1306

Client Matrix: Water

Date Received: 03/24/2005 0840

504.1 EDB, DBCP, and 123TCP In Water by Microextraction and Gas Chromatography

Method: 504.1

Analysis Batch: 660-3902

Instrument ID: HP 5890 Series II ECD1/2

Preparation: 504.1

Prep Batch: 660-3898

Lab File ID: 1C30S052.D

Dilution: 1.0

Initial Weight/Volume: 34.3919 g

Date Analyzed: 03/31/2005 1307

Final Weight/Volume: 3 mL

Date Prepared: 03/30/2005 1850

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

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-903.1

Client Sample ID: **DUP04**

Lab Sample ID: 660-903-6

Date Sampled: 03/23/2005 1241

Client Matrix: Water

Date Received: 03/24/2005 0840

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1

Analysis Batch: 660-3902

Instrument ID: HP 5890 Series II ECD1/2

Preparation: 504.1

Prep Batch: 660-3898

Lab File ID: 1C30S053.D

Dilution: 1.0

Initial Weight/Volume: 33.4807 g

Date Analyzed: 03/31/2005 1328

Final Weight/Volume: 3 mL

Date Prepared: 03/30/2005 1850

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

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-903.1

Client Sample ID: **TRIP BLANK APPI EDB**

Lab Sample ID: 660-903-8

Date Sampled: 03/23/2005 1201

Client Matrix: Water

Date Received: 03/24/2005 0840

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1

Analysis Batch: 660-3902

Instrument ID: HP 5890 Series II ECD1/2

Preparation: 504.1

Prep Batch: 660-3898

Lab File ID: 1C30S054.D

Dilution: 1.0

Initial Weight/Volume: 34.2491 g

Date Analyzed: 03/31/2005 1349

Final Weight/Volume: 3 mL

Date Prepared: 03/30/2005 1850

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

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-903.1

Client Sample ID: MWB2I

Lab Sample ID: 660-903-1

Date Sampled: 03/23/2005 1201

Client Matrix: Water

Date Received: 03/24/2005 0840

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method: 200.7 Rev 4.4 Analysis Batch: 660-3903
Preparation: 200.7 Appx C Prep Batch: 660-3582
Dilution: 1.0
Date Analyzed: 04/01/2005 0849
Date Prepared: 03/28/2005 1644

Instrument ID: TJA ICP TRACE
Lab File ID: 5D01A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.0038	U	0.0038	0.010
Barium	0.023		0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00071	U	0.00071	0.0050
Cobalt	0.0014	U	0.0014	0.010
Chromium	0.0017	U	0.0017	0.010
Copper	0.0013	U	0.0013	0.020
Iron	0.40		0.037	0.050
Sodium	4.3		0.15	0.50
Nickel	0.0047	U	0.0047	0.040
Antimony	0.0029	U	0.0029	0.0060
Lead	0.0015	U	0.0015	0.0050
Selenium	0.0048	U	0.0048	0.010
Vanadium	0.0025	U	0.0025	0.010
Zinc	0.0059	U	0.0059	0.020

200.8 ICPMS Metals by 200.8

Method: 200.8 Analysis Batch: 680-6260
Preparation: 4.3.1 Prep Batch: 680-5564
Dilution: 1.0
Date Analyzed: 04/01/2005 1841
Date Prepared: 03/30/2005 1401

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	0.20	U	0.20	1.0

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-903.1

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch:	660-3916	Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch:	660-3741	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/31/2005 1633			Final Weight/Volume:	50 mL
Date Prepared:	03/30/2005 1435				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

Analytical Data

Client: HDR, Inc.

Job Number: 660-903.1

Client Sample ID: MWB2S

Lab Sample ID: 660-903-2

Date Sampled: 03/23/2005 1218

Client Matrix: Water

Date Received: 03/24/2005 0840

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method: 200.7 Rev 4.4 Analysis Batch: 660-3903

Instrument ID: TJA ICP TRACE

Preparation: 200.7 Appx C Prep Batch: 660-3582

Lab File ID: 5D01A

Dilution: 1.0

Initial Weight/Volume: 50 mL

Date Analyzed: 04/01/2005 0855

Final Weight/Volume: 50 mL

Date Prepared: 03/28/2005 1644

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.0038	U	0.0038	0.010
Barium	0.017		0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00071	U	0.00071	0.0050
Cobalt	0.0014	U	0.0014	0.010
Chromium	0.0017	U	0.0017	0.010
Copper	0.0013	U	0.0013	0.020
Iron	0.26		0.037	0.050
Sodium	3.0		0.15	0.50
Nickel	0.0047	U	0.0047	0.040
Antimony	0.0029	U	0.0029	0.0060
Lead	0.0015	U	0.0015	0.0050
Selenium	0.0048	U	0.0048	0.010
Vanadium	0.0025	U	0.0025	0.010
Zinc	0.0059	U	0.0059	0.020

200.8 ICPMS Metals by 200.8

Method: 200.8 Analysis Batch: 680-6260

Instrument ID: ICP MS

Preparation: 4.3.1 Prep Batch: 680-5564

Lab File ID: N/A

Dilution: 1.0

Initial Weight/Volume: 50 mL

Date Analyzed: 04/01/2005 1902

Final Weight/Volume: 250 mL

Date Prepared: 03/30/2005 1401

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.20	U	0.20	1.0



STL

Analytical Data

Client: HDR, Inc.

Job Number: 660-903.1

245.1 Mercury In Water by CVAA

Method:	245.1	Analysis Batch:	660-3916	Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch:	660-3741	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/31/2005 1635			Final Weight/Volume:	50 mL
Date Prepared:	03/30/2005 1435				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-903.1

Client Sample ID: MWB31D

Lab Sample ID: 660-903-3
Client Matrix: WaterDate Sampled: 03/23/2005 1241
Date Received: 03/24/2005 0840**200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable**Method: 200.7 Rev 4.4 Analysis Batch: 660-3903
Preparation: 200.7 Appx C Prep Batch: 660-3582
Dilution: 1.0
Date Analyzed: 04/01/2005 0912
Date Prepared: 03/28/2005 1644Instrument ID: TJA ICP TRACE
Lab File ID: 5D01A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.0038	U	0.0038	0.010
Barium	0.093		0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00071	U	0.00071	0.0050
Cobalt	0.0014	U	0.0014	0.010
Chromium	0.0017	U	0.0017	0.010
Copper	0.0013	U	0.0013	0.020
Iron	0.66		0.037	0.050
Sodium	6.0		0.15	0.50
Nickel	0.0047	U	0.0047	0.040
Antimony	0.0029	U	0.0029	0.0060
Lead	0.0015	U	0.0015	0.0050
Selenium	0.0048	U	0.0048	0.010
Vanadium	0.0025	U	0.0025	0.010
Zinc	0.0088	I	0.0059	0.020

200.8 ICPMS Metals by 200.8Method: 200.8 Analysis Batch: 680-6260
Preparation: 4.3.1 Prep Batch: 680-5564
Dilution: 1.0
Date Analyzed: 04/01/2005 1910
Date Prepared: 03/30/2005 1401Instrument 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	0.20	U	0.20	1.0



STL

Analytical Data

Client: HDR, Inc.

Job Number: 660-903.1

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch:	660-3916	Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch:	660-3741	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/31/2005 1637			Final Weight/Volume:	50 mL
Date Prepared:	03/30/2005 1435				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

Analytical Data

Client: HDR, Inc.

Job Number: 660-903.1

Client Sample ID: MWB3I

Lab Sample ID: 660-903-4

Date Sampled: 03/23/2005 1344

Client Matrix: Water

Date Received: 03/24/2005 0840

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method:	200.7 Rev 4.4	Analysis Batch:	660-3903	Instrument ID:	TJA ICP TRACE
Preparation:	200.7 Appx C	Prep Batch:	660-3582	Lab File ID:	5D01A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	04/01/2005 0917			Final Weight/Volume:	50 mL
Date Prepared:	03/28/2005 1644				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.0038	U	0.0038	0.010
Barium	0.022		0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00071	U	0.00071	0.0050
Cobalt	0.0014	U	0.0014	0.010
Chromium	0.0017	U	0.0017	0.010
Copper	0.0013	U	0.0013	0.020
Iron	0.66		0.037	0.050
Sodium	3.0		0.15	0.50
Nickel	0.0047	U	0.0047	0.040
Antimony	0.0029	U	0.0029	0.0060
Lead	0.0015	U	0.0015	0.0050
Selenium	0.0048	U	0.0048	0.010
Vanadium	0.0025	U	0.0025	0.010
Zinc	0.011	I	0.0059	0.020

200.8 ICPMS Metals by 200.8

Method:	200.8	Analysis Batch:	680-6260	Instrument ID:	ICP MS
Preparation:	4.3.1	Prep Batch:	680-5564	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	04/01/2005 1917			Final Weight/Volume:	250 mL
Date Prepared:	03/30/2005 0000				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.20	U	0.20	1.0



STL

Analytical Data

Client: HDR, Inc.

Job Number: 660-903.1

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch:	660-3916	Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch:	660-3741	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/31/2005 1639			Final Weight/Volume:	50 mL
Date Prepared:	03/30/2005 1435				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

Analytical Data

Client: HDR, Inc.

Job Number: 660-903.1

Client Sample ID: MWB3S

Lab Sample ID: 660-903-5
Client Matrix: Water

Date Sampled: 03/23/2005 1306
Date Received: 03/24/2005 0840

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method:	200.7 Rev 4.4	Analysis Batch:	660-3903	Instrument ID:	TJA ICP TRACE
Preparation:	200.7 Appx C	Prep Batch:	660-3582	Lab File ID:	5D01A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	04/01/2005 0923			Final Weight/Volume:	50 mL
Date Prepared:	03/28/2005 1644				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.0038	U	0.0038	0.010
Barium	0.012		0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00071	U	0.00071	0.0050
Cobalt	0.0014	U	0.0014	0.010
Chromium	0.0017	U	0.0017	0.010
Copper	0.0013	U	0.0013	0.020
Iron	0.73		0.037	0.050
Sodium	3.0		0.15	0.50
Nickel	0.0047	U	0.0047	0.040
Antimony	0.0029	U	0.0029	0.0060
Lead	0.0015	U	0.0015	0.0050
Selenium	0.0048	U	0.0048	0.010
Vanadium	0.0025	U	0.0025	0.010
Zinc	0.0059	U	0.0059	0.020

200.8 ICPMS Metals by 200.8

Method:	200.8	Analysis Batch:	680-6260	Instrument ID:	ICP MS
Preparation:	4.3.1	Prep Batch:	680-5564	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	04/01/2005 1924			Final Weight/Volume:	250 mL
Date Prepared:	03/30/2005 1401				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.20	U	0.20	1.0



STL

Analytical Data

Client: HDR, Inc.

Job Number: 660-903.1

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch:	660-3916	Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch:	660-3741	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/31/2005 1640			Final Weight/Volume:	50 mL
Date Prepared:	03/30/2005 1435				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

Analytical Data

Client: HDR, Inc.

Job Number: 660-903.1

Client Sample ID: DUP04

Lab Sample ID: 660-903-6
Client Matrix: Water

Date Sampled: 03/23/2005 1241
Date Received: 03/24/2005 0840

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method:	200.7 Rev 4.4	Analysis Batch:	660-3903	Instrument ID:	TJA ICP TRACE
Preparation:	200.7 Appx C	Prep Batch:	660-3582	Lab File ID:	5D01A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	04/01/2005 0929			Final Weight/Volume:	50 mL
Date Prepared:	03/28/2005 1644				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.0038	U	0.0038	0.010
Barium	0.092		0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00071	U	0.00071	0.0050
Cobalt	0.0014	U	0.0014	0.010
Chromium	0.0017	U	0.0017	0.010
Copper	0.0013	U	0.0013	0.020
Iron	0.66		0.037	0.050
Sodium	5.9		0.15	0.50
Nickel	0.0047	U	0.0047	0.040
Antimony	0.0029	U	0.0029	0.0060
Lead	0.0015	U	0.0015	0.0050
Selenium	0.0048	U	0.0048	0.010
Vanadium	0.0025	U	0.0025	0.010
Zinc	0.0059	U	0.0059	0.020

200.8 ICPMS Metals by 200.8

Method:	200.8	Analysis Batch:	680-6260	Instrument ID:	ICP MS
Preparation:	4.3.1	Prep Batch:	680-5564	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	04/01/2005 1946			Final Weight/Volume:	250 mL
Date Prepared:	03/30/2005 1401				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.20	U	0.20	1.0



STL

Analytical Data

Client: HDR, Inc.

Job Number: 660-903.1

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch:	660-3916	Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch:	660-3741	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/31/2005 1642			Final Weight/Volume:	50 mL
Date Prepared:	03/30/2005 1435				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

Analytical Data

Client: HDR, Inc.

Job Number: 660-903.1

Field Service / Mobile Lab**Client Sample ID: MWB2I**

Lab Sample ID: 660-903-1

Client Matrix: Water

Date Sampled: 03/23/2005 1201

Date Received: 03/24/2005 0840

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Specific Conductance	40.0		umhos/cm	1.0	120.1	660-4234	03/23/2005 1201
pH	4.85		SU	1.0	150.1	660-4241	03/23/2005 1201
Temperature	21.2		Degrees C	1.0	170.1	660-4247	03/23/2005 1201
Turbidity	1.00		NTU	1.0	180.1	660-4249	03/23/2005 0749
Oxygen, Dissolved	1.1		mg/L	1.0	360.1	660-4252	03/23/2005 1201
Water Level	134		ft	1.0	Water	660-4276	03/23/2005 1201
Well Depth	61.5		ft	0.0100	0.0100	1.0 Well Depth 660-4285	03/23/2005 1201

Client Sample ID: MWB2S

Lab Sample ID: 660-903-2

Client Matrix: Water

Date Sampled: 03/23/2005 1218

Date Received: 03/24/2005 0840

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Specific Conductance	67.0		umhos/cm	1.0	120.1	660-4234	03/23/2005 1218
pH	4.39		SU	1.0	150.1	660-4241	03/23/2005 1218
Temperature	18.2		Degrees C	1.0	170.1	660-4247	03/23/2005 1218
Turbidity	3.50		NTU	1.0	180.1	660-4249	03/23/2005 0749
Oxygen, Dissolved	2.1		mg/L	1.0	360.1	660-4252	03/23/2005 1218
Water Level	138		ft	1.0	Water	660-4276	03/23/2005 1218
Well Depth	20.0		ft	0.0100	0.0100	1.0 Well Depth 660-4285	03/23/2005 1218

Analytical Data

Client: HDR, Inc.

Job Number: 660-903.1

Field Service / Mobile Lab

Client Sample ID: MWB31D

Lab Sample ID: 660-903-3
Client Matrix: Water

Date Sampled: 03/23/2005 1241
Date Received: 03/24/2005 0840

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Specific Conductance	367		umhos/cm	1.0	120.1	660-4234	03/23/2005 1241
pH	6.94		SU	1.0	150.1	660-4241	03/23/2005 1241
Temperature	21.5		Degrees C	1.0	170.1	660-4247	03/23/2005 1241
Turbidity	1.50		NTU	1.0	180.1	660-4249	03/23/2005 0749
Oxygen, Dissolved	0.5		mg/L	1.0	360.1	660-4252	03/23/2005 1241
Water Level	139		ft	1.0	Water	660-4276	03/23/2005 1241
Well Depth	129		ft	0.0100	0.0100	1.0	Well Depth 660-4285 03/23/2005 1241

Client Sample ID: MWB3I

Lab Sample ID: 660-903-4
Client Matrix: Water

Date Sampled: 03/23/2005 1344
Date Received: 03/24/2005 0840

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Specific Conductance	33.0		umhos/cm	1.0	120.1	660-4234	03/23/2005 1344
pH	4.77		SU	1.0	150.1	660-4241	03/23/2005 1344
Temperature	21.0		Degrees C	1.0	170.1	660-4247	03/23/2005 1344
Turbidity	0.200		NTU	1.0	180.1	660-4249	03/23/2005 0749
Oxygen, Dissolved	1.0		mg/L	1.0	360.1	660-4252	03/23/2005 1344
Water Level	139		ft	1.0	Water	660-4276	03/23/2005 1344
Well Depth	Err		ft	0.0100	0.0100	1.0	Well Depth 660-4285 03/23/2005 1344

Analytical Data

Client: HDR, Inc.

Job Number: 660-903.1

Field Service / Mobile Lab

Client Sample ID: MWB3S

Lab Sample ID: 660-903-5

Client Matrix: Water

Date Sampled: 03/23/2005 1306

Date Received: 03/24/2005 0840

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Specific Conductance	51.0		umhos/cm	1.0	120.1	660-4234	03/23/2005 1306
pH	4.73		SU	1.0	150.1	660-4241	03/23/2005 1306
Temperature	18.1		Degrees C	1.0	170.1	660-4247	03/23/2005 1306
Turbidity	5.10		NTU	1.0	180.1	660-4249	03/23/2005 0749
Oxygen, Dissolved	2.2		mg/L	1.0	360.1	660-4252	03/23/2005 1306
Water Level	146		ft	1.0	Water	660-4276	03/23/2005 1306
Well Depth	20.0		ft	0.0100	0.0100	1.0 Well Depth	660-4285 03/23/2005 1306

Analytical Data

Client: HDR, Inc.

Job Number: 660-903.1

General Chemistry
Client Sample ID: MWB2I

Lab Sample ID: 660-903-1

Client Matrix: Water

Date Sampled: 03/23/2005 1201

Date Received: 03/24/2005 0840

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method	Anly Batch	Date Analyzed
Chloride	9.9		mg/L	0.90	1.0	1.0	325.2	660-4033	04/04/2005 1330
Nitrogen, Nitrate	0.010	I	mg/L	0.010	0.050	1.0	353.2	660-3526	03/25/2005 1341
								Date Prepared:	03/25/2005 1341
Ammonia	0.040	U	mg/L	0.040	0.050	1.0	350.1	660-3954	04/01/2005 1630

Analyte	Result	Qual	Units	RL	PQL	Dil	Method	Anly Batch	Date Analyzed
Total Dissolved Solids	40		mg/L	5.0	5.0	1.0	160.1	660-5525	04/22/2005 1330

Client Sample ID: MWB2S

Lab Sample ID: 660-903-2

Client Matrix: Water

Date Sampled: 03/23/2005 1218

Date Received: 03/24/2005 0840

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method	Anly Batch	Date Analyzed
Chloride	7.2		mg/L	0.90	1.0	1.0	325.2	660-4033	04/04/2005 1330
Nitrogen, Nitrate	0.010	U	mg/L	0.010	0.050	1.0	353.2	660-3526	03/25/2005 1341
								Date Prepared:	03/25/2005 1341
Ammonia	0.040	U	mg/L	0.040	0.050	1.0	350.1	660-3954	04/01/2005 1630

Analyte	Result	Qual	Units	RL	PQL	Dil	Method	Anly Batch	Date Analyzed
Total Dissolved Solids	56		mg/L	5.0	5.0	1.0	160.1	660-5525	04/22/2005 1330

Analytical Data

Client: HDR, Inc.

Job Number: 660-903.1

General Chemistry

Client Sample ID: MWB31D

Lab Sample ID: 660-903-3

Client Matrix: Water

Date Sampled: 03/23/2005 1241

Date Received: 03/24/2005 0840

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method	Anly Batch	Date Analyzed
Chloride	7.4		mg/L	0.90	1.0	1.0	325.2	660-4033	04/04/2005 1330
Nitrogen, Nitrate	0.010	U	mg/L	0.010	0.050	1.0	353.2	660-3526	03/25/2005 1341
								Date Prepared: 03/25/2005 1341	
Ammonia	0.11		mg/L	0.040	0.050	1.0	350.1	660-3954	04/01/2005 1630

Analyte	Result	Qual	Units	RL	PQL	Dil	Method	Anly Batch	Date Analyzed
Total Dissolved Solids	210		mg/L	5.0	5.0	1.0	160.1	660-5525	04/22/2005 1330

Client Sample ID: MWB3I

Lab Sample ID: 660-903-4

Client Matrix: Water

Date Sampled: 03/23/2005 1344

Date Received: 03/24/2005 0840

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method	Anly Batch	Date Analyzed
Chloride	5.6		mg/L	0.90	1.0	1.0	325.2	660-4033	04/04/2005 1330
Nitrogen, Nitrate	0.010	U	mg/L	0.010	0.050	1.0	353.2	660-3526	03/25/2005 1341
								Date Prepared: 03/25/2005 1341	
Ammonia	0.040	U	mg/L	0.040	0.050	1.0	350.1	660-3954	04/01/2005 1630

Analyte	Result	Qual	Units	RL	PQL	Dil	Method	Anly Batch	Date Analyzed
Total Dissolved Solids	32		mg/L	5.0	5.0	1.0	160.1	660-5525	04/22/2005 1330

Analytical Data

Client: HDR, Inc.

Job Number: 660-903.1

General Chemistry

Client Sample ID: MWB3S

Lab Sample ID: 660-903-5

Date Sampled: 03/23/2005 1306

Client Matrix: Water

Date Received: 03/24/2005 0840

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method	Anly Batch	Date Analyzed
Chloride	8.3		mg/L	0.90	1.0	1.0	325.2	660-4033	04/04/2005 1330
Nitrogen, Nitrate	0.010	U	mg/L	0.010	0.050	1.0	353.2	660-3526	03/25/2005 1341
								Date Prepared:	03/25/2005 1341
Ammonia	0.040	U	mg/L	0.040	0.050	1.0	350.1	660-3954	04/01/2005 1630

Analyte	Result	Qual	Units	RL	PQL	Dil	Method	Anly Batch	Date Analyzed
Total Dissolved Solids	38		mg/L	5.0	5.0	1.0	160.1	660-5525	04/22/2005 1330

Client Sample ID: DUP04

Lab Sample ID: 660-903-6

Date Sampled: 03/23/2005 1241

Client Matrix: Water

Date Received: 03/24/2005 0840

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method	Anly Batch	Date Analyzed
Chloride	7.0		mg/L	0.90	1.0	1.0	325.2	660-4033	04/04/2005 1330
Nitrogen, Nitrate	0.010	U	mg/L	0.010	0.050	1.0	353.2	660-3526	03/25/2005 1341
								Date Prepared:	03/25/2005 1341
Ammonia	0.11		mg/L	0.040	0.050	1.0	350.1	660-3954	04/01/2005 1630

Analyte	Result	Qual	Units	RL	PQL	Dil	Method	Anly Batch	Date Analyzed
Total Dissolved Solids	200		mg/L	5.0	5.0	1.0	160.1	660-5525	04/22/2005 1330

DATA REPORTING QUALIFIERS

Client: HDR, Inc.

Job Number: 660-903.1

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.

**STL****Quality Control Results**

Client: HDR, Inc.

Job Number: 660-903.1

8260B Volatile Organic Compounds by GC/MS**Method Blank - Batch: 660-4050**

Lab ID: MB 660-4050/1

Date Analyzed: 03/31/2005 1138

Dilution: 1.0

Matrix: Water

Units: ug/L

Analyte	Result	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	10
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-Dichloroethylene	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	0.83	U	0.83	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
methyl isobutyl ketone	3.8	U	3.8	10
Methylene Chloride	1.0	U	1.0	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
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: HDR, Inc.

Job Number: 660-903.1

8260B Volatile Organic Compounds by GC/MS

Laboratory Control Sample/ Control Duplicate - Batch: 660-4050

LCS Lab ID: LCS 660-4050/2

Date Analyzed: 03/31/2005 1157

Dilution: 1.0

LCSD Lab ID: LCSD 660-4050/3

Date Analyzed: 03/31/2005 1217

Dilution: 1.0

Matrix: Water

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Benzene	89	89	62 - 135	0	37	
Chlorobenzene	105	98	72 - 127	6	22	
1,1-Dichloroethylene	100	95	46 - 147	6	30	
Toluene	106	102	68 - 131	5	33	
Trichloroethene	92	88	56 - 143	5	35	

Matrix Spike/Spike Duplicate - Batch: 660-4050

MS Lab ID: 660-903-F-1 MS

Date Analyzed: 04/01/2005 1748

Dilution: 1.0

MSD Lab ID: 660-903-E-1 MSD

Date Analyzed: 04/01/2005 1809

Dilution: 1.0

Matrix: Water

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	MS	MSD				
Benzene	88	82	62 - 135	7	37	
Chlorobenzene	102	101	72 - 127	1	22	
1,1-Dichloroethylene	105	98	46 - 147	7	30	
Toluene	97	96	68 - 131	1	33	
Trichloroethene	91	85	56 - 143	8	35	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: HDR, Inc.

Job Number: 660-903.1

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method Blank - Batch: 660-3898

Lab ID: MB 660-3898/1-A
Matrix: Water

Date Analyzed: 03/31/2005 0936
Units: ug/L

Dilution: 1.0

Analyte	Result	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0030	U	0.0030	0.020
Ethylene Dibromide	0.0088	U	0.0088	0.020

Laboratory Control Sample/ Control Duplicate - Batch: 660-3898

LCS Lab ID: LCS 660-3898/2-A
LCSD Lab ID: LCSD 660-3898/3-A
Matrix: Water

Date Analyzed: 03/31/2005 0957
Date Analyzed: 03/31/2005 1018

Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
1,2-Dibromo-3-Chloropropane	97	102	70 - 130	4	30	
Ethylene Dibromide	98	103	70 - 130	4	30	

Matrix Spike/Spike Duplicate - Batch: 660-3898

MS Lab ID: 660-903-J-1-A MS
MSD Lab ID: 660-903-H-1-A MSD
Matrix: Water

Date Analyzed: 03/31/2005 1100
Date Analyzed: 03/31/2005 1122

Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	MS	MSD				
1,2-Dibromo-3-Chloropropane	110	115	70 - 130	7	30	
Ethylene Dibromide	106	123	70 - 130	17	30	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: HDR, Inc.

Job Number: 660-903.1

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method Blank - Batch: 660-3582

Lab ID: MB 660-3582/1-A
Matrix: Water

Date Analyzed: 04/01/2005 0656
Units: mg/L

Dilution: 1.0

Analyte	Result	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.0038	U	0.0038	0.010
Barium	0.0012	U	0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00071	U	0.00071	0.0050
Cobalt	0.0014	U	0.0014	0.010
Chromium	0.0017	U	0.0017	0.010
Copper	0.0013	U	0.0013	0.020
Iron	0.037	U	0.037	0.050
Sodium	0.15	U	0.15	0.50
Nickel	0.0047	U	0.0047	0.040
Antimony	0.0029	U	0.0029	0.0060
Lead	0.0015	U	0.0015	0.0050
Selenium	0.0048	U	0.0048	0.010
Vanadium	0.0025	U	0.0025	0.010
Zinc	0.0059	U	0.0059	0.020

Laboratory Control Sample/ Control Duplicate - Batch: 660-3582

LCS Lab ID: LCS 660-3582/2-A
LCSD Lab ID: LCSD 660-3582/3-A
Matrix: Water

Date Analyzed: 04/01/2005 0702
Date Analyzed: 04/01/2005 0708

Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Silver	101	99	85 - 115	2	20	
Arsenic	102	99	85 - 115	3	20	
Barium	100	98	85 - 115	2	20	
Beryllium	104	102	85 - 115	2	20	
Cadmium	105	102	85 - 115	2	20	
Cobalt	101	98	85 - 115	4	20	
Chromium	104	101	85 - 115	3	20	
Copper	102	100	85 - 115	2	20	
Iron	102	99	85 - 115	3	20	
Sodium	95	94	85 - 115	1	20	
Nickel	103	100	85 - 115	3	20	
Antimony	99	96	85 - 115	3	20	
Lead	104	101	85 - 115	3	20	
Selenium	104	101	85 - 115	3	20	
Vanadium	104	101	85 - 115	2	20	
Zinc	108	104	85 - 115	3	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: HDR, Inc.

Job Number: 660-903.1

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Matrix Spike/Spike Duplicate - Batch: 660-3582

MS Lab ID: 660-902-C-1-A MS*R
MSD Lab ID: 660-902-C-1-A MSD*R
Matrix: Water

Date Analyzed: 04/01/2005 0724
Date Analyzed: 04/01/2005 0730

Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	MS	MSD				
Silver	102	100	85 - 115	2	20	
Arsenic	101	100	85 - 115	1	20	
Barium	100	99	85 - 115	1	20	
Beryllium	105	103	85 - 115	2	20	
Cadmium	104	102	85 - 115	1	20	
Cobalt	100	100	85 - 115	0	20	
Chromium	104	102	85 - 115	1	20	
Copper	103	101	85 - 115	2	20	
Iron	107	105	85 - 115	1	20	
Sodium	99	98	85 - 115	0	20	
Nickel	101	101	85 - 115	1	20	
Antimony	98	97	85 - 115	1	20	
Lead	103	102	85 - 115	1	20	
Selenium	102	101	85 - 115	1	20	
Vanadium	104	102	85 - 115	2	20	
Zinc	107	106	85 - 115	1	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.



STL

Quality Control Results

Client: HDR, Inc.

Job Number: 660-903.1

200.8 ICPMS Metals by 200.8

Method Blank - Batch: 680-5564

Lab ID: MB 680-5564/21-A
Matrix: Water

Date Analyzed: 04/01/2005 1618
Units: ug/L

Dilution: 1.0

Analyte	Result	Qualifier	MDL	PQL
Thallium	0.20	U	0.20	1.0

Laboratory Control Sample/ Control Duplicate - Batch: 680-5564

LCS Lab ID: LCS 680-5564/22-A
LCSD Lab ID: LCSD 680-5564/23-A
Matrix: Water

Date Analyzed: 04/01/2005 1630
Date Analyzed: 04/01/2005 1652

Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Thallium	85	96	85 - 115	12	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: HDR, Inc.

Job Number: 660-903.1

245.1 Mercury in Water by CVAA

Method Blank - Batch: 660-3741

Lab ID: MB 660-3741/1-A
Matrix: Water

Date Analyzed: 03/31/2005 1550
Units: mg/L

Dilution: 1.0

Analyte	Result	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

Laboratory Control Sample/ Control Duplicate - Batch: 660-3741

LCS Lab ID: LCS 660-3741/2-A
LCSD Lab ID: LCSD 660-3741/3-A
Matrix: Water

Date Analyzed: 03/31/2005 1552
Date Analyzed: 03/31/2005 1554

Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Mercury	98	99	80 - 120	1	20	

Matrix Spike/Spike Duplicate - Batch: 660-3741

MS Lab ID: 660-855-E-2-B MS
MSD Lab ID: 660-855-E-2-B MSD
Matrix: Water

Date Analyzed: 03/31/2005 1600
Date Analyzed: 03/31/2005 1601

Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	MS	MSD				
Mercury	99	94	80 - 120	5	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

**STL****Quality Control Results**

Client: HDR, Inc.

Job Number: 660-903.1

160.1 Residue, Filterable, Gravimetric, Dried at 180°C (TDS)**Method Blank - Batch: 660-5525**Lab ID: MB 660-5525/1
Matrix: WaterDate Analyzed: 04/22/2005 1330
Units: mg/L

Dilution: 1.0

Analyte	Result	Qualifier	RL	PQL
Total Dissolved Solids	5.0	U	5.0	5.0

Laboratory Control Sample/ Control Duplicate - Batch: 660-5525LCS Lab ID: LCS 660-5525/2
LCSD Lab ID: LCSD 660-5525/3
Matrix: WaterDate Analyzed: 04/22/2005 1330
Date Analyzed: 04/22/2005 1330Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Total Dissolved Solids	100	100	80 - 120	0	25	

Matrix Spike - Batch: 660-5525Lab ID: 660-902-A-2 MS
Matrix: WaterDate Analyzed: 04/22/2005 1330
Units: mg/L

Dilution: 1.0

Analyte	Sample Result /Qual	MS Spike Amount	MS Result	% Recovery	% Rec Limits	MS Qual
Total Dissolved Solids	72	10000	10000	100	80 - 120	

Calculations are performed before rounding to avoid round-off errors in calculated results.

**STL****Quality Control Results**

Client: HDR, Inc.

Job Number: 660-903.1

325.2 Chloride (Colorimetric, Automated Ferricyanide, AAI)**Method Blank - Batch: 660-4033**

Lab ID: MB 660-4033/1

Date Analyzed: 04/04/2005 1330

Dilution: 1.0

Matrix: Water

Units: mg/L

Analyte	Result	Qualifier	MDL	PQL
Chloride	0.90	U	0.90	1.0

Laboratory Control Sample/ Control Duplicate - Batch: 660-4033

LCS Lab ID: LCS 660-4033/2

Date Analyzed: 04/04/2005 1330

Dilution: 1.0

LCSD Lab ID: LCSD 660-4033/3

Date Analyzed: 04/04/2005 1330

Dilution: 1.0

Matrix: Water

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Chloride	104	100	90 - 110	4	30	

Calculations are performed before rounding to avoid round-off errors in calculated results.

**STL****Quality Control Results**

Client: HDR, Inc.

Job Number: 660-903.1

350.1 Nitrogen (Ammonia, Colorimetric, Automated Phenate)**Method Blank - Batch: 660-3954**Lab ID: MB 660-3954/1
Matrix: WaterDate Analyzed: 04/01/2005 1630
Units: mg/L

Dilution: 1.0

Analyte	Result	Qualifier	MDL	PQL
Ammonia	0.040	U	0.040	0.050

Laboratory Control Sample/ Control Duplicate - Batch: 660-3954LCS Lab ID: LCS 660-3954/2
LCSD Lab ID: LCSD 660-3954/3
Matrix: WaterDate Analyzed: 04/01/2005 1630
Date Analyzed: 04/01/2005 1630Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Ammonia	99	99	85 - 115	0	30	

Matrix Spike/Spike Duplicate - Batch: 660-3954MS Lab ID: 660-903-B-1 MS
MSD Lab ID: 660-903-B-1 MSD
Matrix: WaterDate Analyzed: 04/01/2005 1630
Date Analyzed: 04/01/2005 1630Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	MS	MSD				
Ammonia	98	98	85 - 115	0	30	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: HDR, Inc.

Job Number: 660-903.1

353.2 Nitrogen, Nitrate-Nitrite (Colorimetric, Automated, Cadmium Reduction)

Method Blank - Batch: 660-3526

Lab ID: MB 660-3526/1
Matrix: Water

Date Analyzed: 03/25/2005 1341
Units: mg/L

Dilution: 1.0

Analyte	Result	Qualifier	MDL	PQL
Nitrogen, Nitrate	0.010	U	0.010	0.050

Laboratory Control Sample/ Control Duplicate - Batch: 660-3526

LCS Lab ID: LCS 660-3526/2
LCSD Lab ID: LCSD 660-3526/3
Matrix: Water

Date Analyzed: 03/25/2005 1341
Date Analyzed: 03/25/2005 1341

Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Nitrogen, Nitrate	102	103	80 - 120	1	30	

Matrix Spike/Spike Duplicate - Batch: 660-3526

MS Lab ID: 660-903-A-4 MS
MSD Lab ID: 660-903-A-4 MSD
Matrix: Water

Date Analyzed: 03/25/2005 1341
Date Analyzed: 03/25/2005 1341

Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	MS	MSD				
Nitrogen, Nitrate	109	106	80 - 120	3	30	

Calculations are performed before rounding to avoid round-off errors in calculated results.

ANALYTICAL REPORT

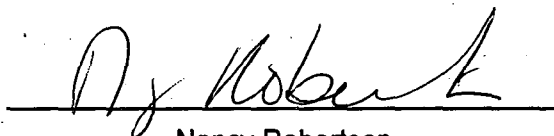
Job Number: 660-844.1

Job Description: Semi-annual Phase I/Trail Ridge

For:

HDR, Inc.
200 W. Forsyth St., Suite 800
Jacksonville, FL 32202

Attention: Mr. Brad Stone



Nancy Robertson
Project Manager I
nrobertson@stl-inc.com

04/24/2005

Methods: FDEP, 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.

METHOD SUMMARY

Client: HDR, Inc.

Job Number: 660-844.1

Description	Method	Preparation Method
Matrix: Water		
Volatile Organic Compounds by GC/MS Purge-and-Trap	SW846 8260B	SW846 5030B
EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography	EPA-01 504.1	
EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography (		EPA-DW 504.1
ICP Metals by 200.7 Total Recoverable Metals Digestion for 200.7 Sample Filtration performed in the Field	EPA 200.7 Rev 4.4	40CFR136A 200.7 Appx C FIELD_FLTRD
ICPMS Metals by 200.8 Total Metals Digestion for 200.8 Total Recoverable Metals for 200.8 Sample Filtration performed in the Field	EPA 200.8	MCAWW 4.3.1 MCAWW 4.1.4 FIELD_FLTRD
Mercury in Water by CVAA Digestion for CVAA Mercury in Waters Sample Filtration performed in the Field	EPA 245.1	EPA 245.1 FIELD_FLTRD
Conductivity, Specific Conductance Field	MCAWW 120.1	
pH, Electrometric Field	MCAWW 150.1	
Temperature, Thermometric Field	MCAWW 170.1	
Turbidity, Nephelometric Field	MCAWW 180.1	
Oxygen (Dissolved, Membrane Electrode) Field	MCAWW 360.1	
Water Level, Field	FL-DEP Water Level	
Well Depth, Field	FL-DEP Well Depth	
Residue, Filterable, Gravimetric, Dried at 180°C (TDS)	MCAWW 160.1	
Chloride (Colorimetric, Automated Ferricyanide, AAI	MCAWW 325.2	
Nitrogen (Ammonia, Colorimetric, Automated Phenate)	MCAWW 350.1	
Nitrogen, Nitrate-Nitrite (Colorimetric, Automated, Cadmium Reduction)	MCAWW 353.2	
Nitrogen, Nitrate-Nitrite (Colorimetric, Automated, Cadmium Reduction)/Prep		MCAWW 353.2

METHOD SUMMARY

Client: HDR, Inc.

Job Number: 660-844.1

Description	Method	Preparation Method
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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.

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

SAMPLE SUMMARY

Client: HDR, Inc.

Job Number: 660-844.1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
660-844-1	MWB19S	Water	03/22/2005 0739	03/23/2005 0930
660-844-2	MWB19D	Water	03/22/2005 0803	03/23/2005 0930
660-844-3	MWB19I	Water	03/22/2005 0817	03/23/2005 0930
660-844-4	MWB7S	Water	03/22/2005 0845	03/23/2005 0930
660-844-5	MWB7D	Water	03/22/2005 0906	03/23/2005 0930
660-844-6	MWB7I	Water	03/22/2005 0924	03/23/2005 0930
660-844-7	MWB20S	Water	03/22/2005 0945	03/23/2005 0930
660-844-8	DUP01	Water	03/22/2005 0945	03/23/2005 0930
660-844-9	MWB11S	Water	03/22/2005 1008	03/23/2005 0930
660-844-10	MWB11I(R)	Water	03/22/2005 1026	03/23/2005 0930
660-844-11	MWB21S	Water	03/22/2005 1051	03/23/2005 0930
660-844-12	MWB12I	Water	03/22/2005 1141	03/23/2005 0930
660-844-13	MWB12D	Water	03/22/2005 1159	03/23/2005 0930
660-844-14	MWB12S	Water	03/22/2005 1218	03/23/2005 0930
660-844-15	MWB22S	Water	03/22/2005 1253	03/23/2005 0930
660-844-16	DUP02	Water	03/22/2005 1253	03/23/2005 0930
660-844-17	TRIP BLANK	Water	03/22/2005 0739	03/23/2005 0930

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: MWB19S

Lab Sample ID: 660-844-1

Date Sampled: 03/22/2005 0739

Client Matrix: Water

Date Received: 03/23/2005 0930

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 8260B
Dilution: 1.0
Date Analyzed: 03/30/2005 0250
Date Prepared: 03/30/2005 0250

Analysis Batch: 660-3775

Instrument ID: BVMG GC/MS
Lab File ID: 1GC2943.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	10
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-Dichloroethylene	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	0.83	U	0.83	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
methyl isobutyl ketone	3.8	U	3.8	10
Methylene Chloride	1.0	U	1.0	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

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: **MWB19S**

Lab Sample ID: 660-844-1

Date Sampled: 03/22/2005 0739

Client Matrix: Water

Date Received: 03/23/2005 0930

8260B Volatile Organic Compounds by GC/MS (Continued)

Method: 8260B

Analysis Batch: 660-3775

Instrument ID: BVMG GC/MS

Preparation: 8260B

Lab File ID: 1GC2943.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 03/30/2005 0250

Final Weight/Volume: 5 mL

Date Prepared: 03/30/2005 0250

Analyte	Result (ug/L)	Qualifier	MDL	PQL
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
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	85	74 - 126
Dibromofluoromethane	88	70 - 130
Toluene-d8	90	77 - 122

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: **MWB19D**

Lab Sample ID: 660-844-2

Client Matrix: Water

Date Sampled: 03/22/2005 0803

Date Received: 03/23/2005 0930

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 660-3775

Instrument ID: BVMG GC/MS

Preparation: 8260B

Lab File ID: 1GC2944.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 03/30/2005 0314

Final Weight/Volume: 5 mL

Date Prepared: 03/30/2005 0314

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	10
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-Dichloroethylene	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	0.83	U	0.83	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
methyl isobutyl ketone	3.8	U	3.8	10
Methylene Chloride	1.0	U	1.0	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

STL Tampa

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: **MWB19D**

Lab Sample ID: 660-844-2

Date Sampled: 03/22/2005 0803

Client Matrix: Water

Date Received: 03/23/2005 0930

8260B Volatile Organic Compounds by GC/MS (Continued)

Method:	8260B	Analysis Batch:	660-3775	Instrument ID:	BVMG GC/MS
Preparation:	8260B			Lab File ID:	1GC2944.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/30/2005 0314			Final Weight/Volume:	5 mL
Date Prepared:	03/30/2005 0314				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
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
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	88	74 - 126
Dibromofluoromethane	86	70 - 130
Toluene-d8	95	77 - 122

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: **MWB191**

Lab Sample ID: 660-844-3

Date Sampled: 03/22/2005 0817

Client Matrix: Water

Date Received: 03/23/2005 0930

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 8260B
Dilution: 1.0
Date Analyzed: 03/30/2005 0338
Date Prepared: 03/30/2005 0338

Analysis Batch: 660-3775

Instrument ID: BVMG GC/MS
Lab File ID: 1GC2945.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	10
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-Dichloroethylene	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	0.83	U	0.83	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
methyl isobutyl ketone	3.8	U	3.8	10
Methylene Chloride	1.0	U	1.0	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

STL Tampa

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: **MWB191**

Lab Sample ID: 660-844-3

Date Sampled: 03/22/2005 0817

Client Matrix: Water

Date Received: 03/23/2005 0930

8260B Volatile Organic Compounds by GC/MS (Continued)

Method:	8260B	Analysis Batch:	660-3775	Instrument ID:	BVMG GC/MS
Preparation:	8260B			Lab File ID:	1GC2945.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/30/2005 0338			Final Weight/Volume:	5 mL
Date Prepared:	03/30/2005 0338				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
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
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	85	74 - 126
Dibromofluoromethane	87	70 - 130
Toluene-d8	93	77 - 122

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: MWB7S

Lab Sample ID: 660-844-4

Client Matrix: Water

Date Sampled: 03/22/2005 0845

Date Received: 03/23/2005 0930

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 660-3775

Instrument ID: BVMG GC/MS

Preparation: 8260B

Lab File ID: 1GC2946.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 03/30/2005 0402

Final Weight/Volume: 5 mL

Date Prepared: 03/30/2005 0402

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	10
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-Dichloroethylene	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	0.83	U	0.83	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
methyl isobutyl ketone	3.8	U	3.8	10
Methylene Chloride	1.0	U	1.0	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

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: **MWB7S**

Lab Sample ID: 660-844-4

Date Sampled: 03/22/2005 0845

Client Matrix: Water

Date Received: 03/23/2005 0930

8260B Volatile Organic Compounds by GC/MS (Continued)

Method: 8260B Analysis Batch: 660-3775
Preparation: 8260B
Dilution: 1.0
Date Analyzed: 03/30/2005 0402
Date Prepared: 03/30/2005 0402

Instrument ID: BVMG GC/MS
Lab File ID: 1GC2946.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
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
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	87	74 - 126
Dibromofluoromethane	84	70 - 130
Toluene-d8	92	77 - 122

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: **MWB7D**

Lab Sample ID: 660-844-5

Client Matrix: Water

Date Sampled: 03/22/2005 0906

Date Received: 03/23/2005 0930

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 8260B
Dilution: 1.0
Date Analyzed: 03/30/2005 0427
Date Prepared: 03/30/2005 0427

Analysis Batch: 660-3775

Instrument ID: BVMG GC/MS
Lab File ID: 1GC2947.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	10
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-Dichloroethylene	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	0.83	U	0.83	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
methyl isobutyl ketone	3.8	U	3.8	10
Methylene Chloride	1.0	U	1.0	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

STL Tampa

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: **MWB7D**

Lab Sample ID: 660-844-5

Client Matrix: Water

Date Sampled: 03/22/2005 0906

Date Received: 03/23/2005 0930

8260B Volatile Organic Compounds by GC/MS (Continued)

Method:	8260B	Analysis Batch:	660-3775	Instrument ID:	BVMG GC/MS
Preparation:	8260B			Lab File ID:	1GC2947.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/30/2005 0427			Final Weight/Volume:	5 mL
Date Prepared:	03/30/2005 0427				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
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
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	83	74 - 126
Dibromofluoromethane	86	70 - 130
Toluene-d8	91	77 - 122

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: MWB7I

Lab Sample ID: 660-844-6

Client Matrix: Water

Date Sampled: 03/22/2005 0924

Date Received: 03/23/2005 0930

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 660-3775

Instrument ID: BVMG GC/MS

Preparation: 8260B

Lab File ID: 1GC2948.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 03/30/2005 0451

Final Weight/Volume: 5 mL

Date Prepared: 03/30/2005 0451

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	10
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-Dichloroethylene	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	0.83	U	0.83	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
methyl isobutyl ketone	3.8	U	3.8	10
Methylene Chloride	1.0	U	1.0	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

STL Tampa

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: MWB7I

Lab Sample ID: 660-844-6

Client Matrix: Water

Date Sampled: 03/22/2005 0924

Date Received: 03/23/2005 0930

8260B Volatile Organic Compounds by GC/MS (Continued).

Method:	8260B	Analysis Batch:	660-3775	Instrument ID:	BVMG GC/MS
Preparation:	8260B			Lab File ID:	1GC2948.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/30/2005 0451			Final Weight/Volume:	5 mL
Date Prepared:	03/30/2005 0451				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
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
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	85	74 - 126
Dibromofluoromethane	92	70 - 130
Toluene-d8	94	77 - 122

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: MWB20S

Lab Sample ID: 660-844-7

Client Matrix: Water

Date Sampled: 03/22/2005 0945

Date Received: 03/23/2005 0930

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 660-3775

Instrument ID: BVMG GC/MS

Preparation: 8260B

Lab File ID: 1GC2949.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 03/30/2005 0515

Final Weight/Volume: 5 mL

Date Prepared: 03/30/2005 0515

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	10
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-Dichloroethylene	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	0.83	U	0.83	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
methyl isobutyl ketone	3.8	U	3.8	10
Methylene Chloride	1.0	U	1.0	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

STL Tampa

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: **MWB20S**

Lab Sample ID: 660-844-7

Client Matrix: Water

Date Sampled: 03/22/2005 0945

Date Received: 03/23/2005 0930

8260B Volatile Organic Compounds by GC/MS (Continued)

Method: 8260B

Analysis Batch: 660-3775

Instrument ID: BVMG GC/MS

Preparation: 8260B

Lab File ID: 1GC2949.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 03/30/2005 0515

Final Weight/Volume: 5 mL

Date Prepared: 03/30/2005 0515

Analyte	Result (ug/L)	Qualifier	MDL	PQL
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
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	88	74 - 126
Dibromofluoromethane	83	70 - 130
Toluene-d8	90	77 - 122

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: **DUP01**

Lab Sample ID: 660-844-8

Date Sampled: 03/22/2005 0945

Client Matrix: Water

Date Received: 03/23/2005 0930

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 660-3775

Instrument ID: BVMG GC/MS

Preparation: 8260B

Lab File ID: 1GC2950.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 03/30/2005 0539

Final Weight/Volume: 5 mL

Date Prepared: 03/30/2005 0539

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	10
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-Dichloroethylene	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	0.83	U	0.83	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
methyl isobutyl ketone	3.8	U	3.8	10
Methylene Chloride	1.0	U	1.0	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

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: DUP01

Lab Sample ID: 660-844-8

Date Sampled: 03/22/2005 0945

Client Matrix: Water

Date Received: 03/23/2005 0930

8260B Volatile Organic Compounds by GC/MS (Continued)

Method:	8260B	Analysis Batch:	660-3775	Instrument ID:	BVMG GC/MS
Preparation:	8260B			Lab File ID:	1GC2950.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/30/2005 0539			Final Weight/Volume:	5 mL
Date Prepared:	03/30/2005 0539				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
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
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	96	74 - 126
Dibromofluoromethane	83	70 - 130
Toluene-d8	92	77 - 122

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: **MWB11S**

Lab Sample ID: 660-844-9

Client Matrix: Water

Date Sampled: 03/22/2005 1008

Date Received: 03/23/2005 0930

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 660-3775

Instrument ID: BVMG GC/MS

Preparation: 8260B

Lab File ID: 1GC2951.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 03/30/2005 0603

Final Weight/Volume: 5 mL

Date Prepared: 03/30/2005 0603

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	10
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-Dichloroethylene	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	0.83	U	0.83	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
methyl isobutyl ketone	3.8	U	3.8	10
Methylene Chloride	1.0	U	1.0	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

STL Tampa

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: **MWB11S**

Lab Sample ID: 660-844-9

Date Sampled: 03/22/2005 1008

Client Matrix: Water

Date Received: 03/23/2005 0930

8260B Volatile Organic Compounds by GC/MS (Continued)

Method: 8260B

Analysis Batch: 660-3775

Instrument ID: BVMG GC/MS

Preparation: 8260B

Lab File ID: 1GC2951.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 03/30/2005 0603

Final Weight/Volume: 5 mL

Date Prepared: 03/30/2005 0603

Analyte	Result (ug/L)	Qualifier	MDL	PQL
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
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0
Surrogate	%Rec	Acceptance Limits		
4-Bromofluorobenzene	84	74 - 126		
Dibromofluoromethane	87	70 - 130		
Toluene-d8	91	77 - 122		

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: **MWB11I(R)**

Lab Sample ID: 660-844-10

Date Sampled: 03/22/2005 1026

Client Matrix: Water

Date Received: 03/23/2005 0930

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 660-3775

Instrument ID: BVMG GC/MS

Preparation: 8260B

Lab File ID: 1GC2952.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 03/30/2005 0627

Final Weight/Volume: 5 mL

Date Prepared: 03/30/2005 0627

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	10
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-Dichloroethylene	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	0.83	U	0.83	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
methyl isobutyl ketone	3.8	U	3.8	10
Methylene Chloride	1.0	U	1.0	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

STL Tampa

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: MWB111(R)

Lab Sample ID: 660-844-10

Client Matrix: Water

Date Sampled: 03/22/2005 1026

Date Received: 03/23/2005 0930

8260B Volatile Organic Compounds by GC/MS (Continued)

Method:	8260B	Analysis Batch:	660-3775	Instrument ID:	BVMG GC/MS
Preparation:	8260B			Lab File ID:	1GC2952.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/30/2005 0627			Final Weight/Volume:	5 mL
Date Prepared:	03/30/2005 0627				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
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
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0
Surrogate	%Rec	Acceptance Limits		
4-Bromofluorobenzene	81	74 - 126		
Dibromofluoromethane	91	70 - 130		
Toluene-d8	90	77 - 122		



STL

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: MWB21S

Lab Sample ID: 660-844-11

Date Sampled: 03/22/2005 1051

Client Matrix: Water

Date Received: 03/23/2005 0930

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 660-3775

Instrument ID: BVMG GC/MS

Preparation: 8260B

Lab File ID: 1GC2953.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 03/30/2005 0650

Final Weight/Volume: 5 mL

Date Prepared: 03/30/2005 0650

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	10
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-Dichloroethylene	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	0.83	U	0.83	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
methyl isobutyl ketone	3.8	U	3.8	10
Methylene Chloride	1.0	U	1.0	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

STL Tampa

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: **MWB21S**

Lab Sample ID: 660-844-11

Date Sampled: 03/22/2005 1051

Client Matrix: Water

Date Received: 03/23/2005 0930

8260B Volatile Organic Compounds by GC/MS (Continued)

Method: 8260B

Analysis Batch: 660-3775

Instrument ID: BVMG GC/MS

Preparation: 8260B

Lab File ID: 1GC2953.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 03/30/2005 0650

Final Weight/Volume: 5 mL

Date Prepared: 03/30/2005 0650

Analyte	Result (ug/L)	Qualifier	MDL	PQL
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
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	92	74 - 126
Dibromofluoromethane	98	70 - 130
Toluene-d8	97	77 - 122

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: **MWB12I**

Lab Sample ID: 660-844-12

Client Matrix: Water

Date Sampled: 03/22/2005 1141

Date Received: 03/23/2005 0930

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 660-3775

Instrument ID: BVMG GC/MS

Preparation: 8260B

Lab File ID: 1GC2954.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 03/30/2005 0714

Final Weight/Volume: 5 mL

Date Prepared: 03/30/2005 0714

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	10
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-Dichloroethylene	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	0.83	U	0.83	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
methyl isobutyl ketone	3.8	U	3.8	10
Methylene Chloride	1.0	U	1.0	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

STL Tampa

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: MWB12I

Lab Sample ID: 660-844-12

Client Matrix: Water

Date Sampled: 03/22/2005 1141

Date Received: 03/23/2005 0930

8260B Volatile Organic Compounds by GC/MS (Continued)

Method: 8260B

Analysis Batch: 660-3775

Instrument ID: BVMG GC/MS

Preparation: 8260B

Lab File ID: 1GC2954.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 03/30/2005 0714

Final Weight/Volume: 5 mL

Date Prepared: 03/30/2005 0714

Analyte	Result (ug/L)	Qualifier	MDL	PQL
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
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	87	74 - 126
Dibromofluoromethane	91	70 - 130
Toluene-d8	91	77 - 122

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: **MWB12D**

Lab Sample ID: 660-844-13

Date Sampled: 03/22/2005 1159

Client Matrix: Water

Date Received: 03/23/2005 0930

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 660-3775
 Preparation: 8260B
 Dilution: 1.0
 Date Analyzed: 03/30/2005 0738
 Date Prepared: 03/30/2005 0738

Instrument ID: BVMG GC/MS
 Lab File ID: 1GC2955.D
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	10
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-Dichloroethylene	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	0.83	U	0.83	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
methyl isobutyl ketone	3.8	U	3.8	10
Methylene Chloride	1.0	U	1.0	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

STL Tampa

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: **MWB12D**

Lab Sample ID: 660-844-13

Date Sampled: 03/22/2005 1159

Client Matrix: Water

Date Received: 03/23/2005 0930

8260B Volatile Organic Compounds by GC/MS (Continued)

Method: 8260B

Analysis Batch: 660-3775

Instrument ID: BVMG GC/MS

Preparation: 8260B

Lab File ID: 1GC2955.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 03/30/2005 0738

Final Weight/Volume: 5 mL

Date Prepared: 03/30/2005 0738

Analyte	Result (ug/L)	Qualifier	MDL	PQL
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
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	87	74 - 126
Dibromofluoromethane	87	70 - 130
Toluene-d8	94	77 - 122

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: **MWB12S**

Lab Sample ID: 660-844-14

Date Sampled: 03/22/2005 1218

Client Matrix: Water

Date Received: 03/23/2005 0930

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 660-3775

Instrument ID: BVMG GC/MS

Preparation: 8260B

Lab File ID: 1GC2956.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 03/30/2005 0802

Final Weight/Volume: 5 mL

Date Prepared: 03/30/2005 0802

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	10
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-Dichloroethylene	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	0.83	U	0.83	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
methyl isobutyl ketone	3.8	U	3.8	10
Methylene Chloride	1.0	U	1.0	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

STL Tampa

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: **MWB12S**

Lab Sample ID: 660-844-14

Date Sampled: 03/22/2005 1218

Client Matrix: Water

Date Received: 03/23/2005 0930

8260B Volatile Organic Compounds by GC/MS (Continued)

Method: 8260B

Analysis Batch: 660-3775

Instrument ID: BVMG GC/MS

Preparation: 8260B

Lab File ID: 1GC2956.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 03/30/2005 0802

Final Weight/Volume: 5 mL

Date Prepared: 03/30/2005 0802

Analyte	Result (ug/L)	Qualifier	MDL	PQL
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
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	78	74 - 126
Dibromofluoromethane	79	70 - 130
Toluene-d8	91	77 - 122

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: **MWB22S**

Lab Sample ID: 660-844-15

Client Matrix: Water

Date Sampled: 03/22/2005 1253

Date Received: 03/23/2005 0930

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 660-3775

Instrument ID: BVMG GC/MS

Preparation: 8260B

Lab File ID: 1GC2957.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 03/30/2005 0826

Final Weight/Volume: 5 mL

Date Prepared: 03/30/2005 0826

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	10
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-Dichloroethylene	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	0.83	U	0.83	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
methyl isobutyl ketone	3.8	U	3.8	10
Methylene Chloride	1.0	U	1.0	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

STL Tampa

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: MWB22S

Lab Sample ID: 660-844-15

Date Sampled: 03/22/2005 1253

Client Matrix: Water

Date Received: 03/23/2005 0930

8260B Volatile Organic Compounds by GC/MS (Continued)

Method:	8260B	Analysis Batch:	660-3775	Instrument ID:	BVMG GC/MS
Preparation:	8260B			Lab File ID:	1GC2957.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/30/2005 0826			Final Weight/Volume:	5 mL
Date Prepared:	03/30/2005 0826				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
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
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	90	74 - 126
Dibromofluoromethane	89	70 - 130
Toluene-d8	91	77 - 122

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: DUP02

Lab Sample ID: 660-844-16

Date Sampled: 03/22/2005 1253

Client Matrix: Water

Date Received: 03/23/2005 0930

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 660-3775

Instrument ID: BVMG GC/MS

Preparation: 8260B

Lab File ID: 1GC2958.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 03/30/2005 0850

Final Weight/Volume: 5 mL

Date Prepared: 03/30/2005 0850

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	10
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-Dichloroethylene	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	0.83	U	0.83	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
methyl isobutyl ketone	3.8	U	3.8	10
Methylene Chloride	1.0	U	1.0	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

STL Tampa

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: **DUP02**

Lab Sample ID: 660-844-16

Date Sampled: 03/22/2005 1253

Client Matrix: Water

Date Received: 03/23/2005 0930

8260B Volatile Organic Compounds by GC/MS (Continued)

Method:	8260B	Analysis Batch:	660-3775	Instrument ID:	BVMG GC/MS
Preparation:	8260B			Lab File ID:	1GC2958.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/30/2005 0850			Final Weight/Volume:	5 mL
Date Prepared:	03/30/2005 0850				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
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
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	85	74 - 126
Dibromofluoromethane	92	70 - 130
Toluene-d8	89	77 - 122

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: **TRIP BLANK**

Lab Sample ID: 660-844-17

Client Matrix: Water

Date Sampled: 03/22/2005 0739

Date Received: 03/23/2005 0930

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 660-3775

Instrument ID: BVMG GC/MS

Preparation: 8260B

Lab File ID: 1GC2942.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 03/30/2005 0226

Final Weight/Volume: 5 mL

Date Prepared: 03/30/2005 0226

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	10
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-Dichloroethylene	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	0.83	U	0.83	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
methyl isobutyl ketone	3.8	U	3.8	10
Methylene Chloride	1.0	U	1.0	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

STL Tampa

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: **TRIP BLANK**

Lab Sample ID: 660-844-17

Date Sampled: 03/22/2005 0739

Client Matrix: Water

Date Received: 03/23/2005 0930

8260B Volatile Organic Compounds by GC/MS (Continued)

Method: 8260B Analysis Batch: 660-3775
Preparation: 8260B
Dilution: 1.0
Date Analyzed: 03/30/2005 0226
Date Prepared: 03/30/2005 0226

Instrument ID: BVMG GC/MS
Lab File ID: 1GC2942.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
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
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	87	74 - 126
Dibromofluoromethane	80	70 - 130
Toluene-d8	87	77 - 122

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: **MWB19S**

Lab Sample ID: 660-844-1

Date Sampled: 03/22/2005 0739

Client Matrix: Water

Date Received: 03/23/2005 0930

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1

Analysis Batch: 660-3810

Instrument ID: HP 5890 Series II ECD1/2

Preparation: 504.1

Prep Batch: 660-3722

Lab File ID: 1C28S109.D

Dilution: 1.0

Initial Weight/Volume: 32.7283 g

Date Analyzed: 03/29/2005 2253

Final Weight/Volume: 3 mL

Date Prepared: 03/28/2005 1500

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

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: MWB19D

Lab Sample ID: 660-844-2

Client Matrix: Water

Date Sampled: 03/22/2005 0803

Date Received: 03/23/2005 0930

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1

Analysis Batch: 660-3810

Instrument ID: HP 5890 Series II ECD1/2

Preparation: 504.1

Prep Batch: 660-3722

Lab File ID: 1C28S110.D

Dilution: 1.0

Initial Weight/Volume: 34.6733 g

Date Analyzed: 03/29/2005 2314

Final Weight/Volume: 3 mL

Date Prepared: 03/28/2005 1500

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

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: **MWB19I**

Lab Sample ID: 660-844-3

Date Sampled: 03/22/2005 0817

Client Matrix: Water

Date Received: 03/23/2005 0930

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1

Analysis Batch: 660-3810

Instrument ID: HP 5890 Series II ECD1/2

Preparation: 504.1

Prep Batch: 660-3722

Lab File ID: 1C28S113.D

Dilution: 1.0

Initial Weight/Volume: 33.1037 g

Date Analyzed: 03/30/2005 0017

Final Weight/Volume: 3 mL

Date Prepared: 03/28/2005 1500

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



STL

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: MWB7S

Lab Sample ID: 660-844-4

Client Matrix: Water

Date Sampled: 03/22/2005 0845

Date Received: 03/23/2005 0930

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1

Analysis Batch: 660-3810

Instrument ID: HP 5890 Series II ECD1/2

Preparation: 504.1

Prep Batch: 660-3722

Lab File ID: 1C28S114.D

Dilution: 1.0

Initial Weight/Volume: 33.8363 g

Date Analyzed: 03/30/2005 0038

Final Weight/Volume: 3 mL

Date Prepared: 03/28/2005 1500

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

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: **MWB7D**

Lab Sample ID: 660-844-5

Date Sampled: 03/22/2005 0906

Client Matrix: Water

Date Received: 03/23/2005 0930

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1

Analysis Batch: 660-3810

Instrument ID: HP 5890 Series II ECD1/2

Preparation: 504.1

Prep Batch: 660-3722

Lab File ID: 1C28S115.D

Dilution: 1.0

Initial Weight/Volume: 33.0611 g

Date Analyzed: 03/30/2005 0059

Final Weight/Volume: 3 mL

Date Prepared: 03/28/2005 1500

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

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: **MWB7I**

Lab Sample ID: 660-844-6

Client Matrix: Water

Date Sampled: 03/22/2005 0924

Date Received: 03/23/2005 0930

504.1 EDB, DBCP, and 123TCP In Water by Microextraction and Gas Chromatography

Method: 504.1

Analysis Batch: 660-3810

Instrument ID: HP 5890 Series II ECD1/2

Preparation: 504.1

Prep Batch: 660-3722

Lab File ID: 1C28S116.D

Dilution: 1.0

Initial Weight/Volume: 34.1884 g

Date Analyzed: 03/30/2005 0120

Final Weight/Volume: 3 mL

Date Prepared: 03/28/2005 1500

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

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: **MWB20S**

Lab Sample ID: 660-844-7

Date Sampled: 03/22/2005 0945

Client Matrix: Water

Date Received: 03/23/2005 0930

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1

Analysis Batch: 660-3810

Instrument ID: HP 5890 Series II ECD1/2

Preparation: 504.1

Prep Batch: 660-3722

Lab File ID: 1C28S117.D

Dilution: 1.0

Initial Weight/Volume: 32.4485 g

Date Analyzed: 03/30/2005 0141

Final Weight/Volume: 3 mL

Date Prepared: 03/28/2005 1500

Injection Volume:

Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0032	U	0.0032	0.022
Ethylene Dibromide	0.0094	U	0.0094	0.022

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: **DUP01**

Lab Sample ID: 660-844-8

Date Sampled: 03/22/2005 0945

Client Matrix: Water

Date Received: 03/23/2005 0930

504.1 EDB, DBCP, and 123TCP In Water by Microextraction and Gas Chromatography

Method: 504.1 Analysis Batch: 660-3810
Preparation: 504.1 Prep Batch: 660-3722
Dilution: 1.0
Date Analyzed: 03/30/2005 0202
Date Prepared: 03/28/2005 1500

Instrument ID: HP 5890 Series II ECD1/2
Lab File ID: 1C28S118.D
Initial Weight/Volume: 34.7098 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

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: MWB11S

Lab Sample ID: 660-844-9

Date Sampled: 03/22/2005 1008

Client Matrix: Water

Date Received: 03/23/2005 0930

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1

Analysis Batch: 660-3810

Instrument ID: HP 5890 Series II ECD1/2

Preparation: 504.1

Prep Batch: 660-3722

Lab File ID: 1C28S120.D

Dilution: 1.0

Initial Weight/Volume: 31.6583 g

Date Analyzed: 03/30/2005 0244

Final Weight/Volume: 3 mL

Date Prepared: 03/28/2005 1500

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	0.0096	U	0.0096	0.022

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: **MWB11I(R)**

Lab Sample ID: 660-844-10

Date Sampled: 03/22/2005 1026

Client Matrix: Water

Date Received: 03/23/2005 0930

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1

Analysis Batch: 660-3810

Instrument ID: HP 5890 Series II ECD1/2

Preparation: 504.1

Prep Batch: 660-3722

Lab File ID: 1C28S123.D

Dilution: 1.0

Initial Weight/Volume: 33.7787 g

Date Analyzed: 03/30/2005 0348

Final Weight/Volume: 3 mL

Date Prepared: 03/28/2005 1500

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

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: **MWB21S**

Lab Sample ID: 660-844-11

Date Sampled: 03/22/2005 1051

Client Matrix: Water

Date Received: 03/23/2005 0930

504.1 EDB, DBCP, and 123TCP In Water by Microextraction and Gas Chromatography

Method: 504.1

Analysis Batch: 660-3810

Instrument ID: HP 5890 Series II ECD1/2

Preparation: 504.1

Prep Batch: 660-3722

Lab File ID: 1C28S127.D

Dilution: 1.0

Initial Weight/Volume: 35.0965 g

Date Analyzed: 03/30/2005 0512

Final Weight/Volume: 3 mL

Date Prepared: 03/28/2005 1500

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

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: MWB12I

Lab Sample ID: 660-844-12

Client Matrix: Water

Date Sampled: 03/22/2005 1141

Date Received: 03/23/2005 0930

504.1 EDB, DBCP, and 123TCP In Water by Microextraction and Gas Chromatography

Method: 504.1

Analysis Batch: 660-3810

Instrument ID: HP 5890 Series II ECD1/2

Preparation: 504.1

Prep Batch: 660-3722

Lab File ID: 1C28S125.D

Dilution: 1.0

Initial Weight/Volume: 33.3211 g

Date Analyzed: 03/30/2005 0430

Final Weight/Volume: 3 mL

Date Prepared: 03/28/2005 1500

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



STL

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: MWB12D

Lab Sample ID: 660-844-13

Client Matrix: Water

Date Sampled: 03/22/2005 1159

Date Received: 03/23/2005 0930

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1

Analysis Batch: 660-3810

Instrument ID: HP 5890 Series II ECD1/2

Preparation: 504.1

Prep Batch: 660-3722

Lab File ID: 1C28S126.D

Dilution: 1.0

Initial Weight/Volume: 32.9719 g

Date Analyzed: 03/30/2005 0451

Final Weight/Volume: 3 mL

Date Prepared: 03/28/2005 1500

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

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: **MWB12S**

Lab Sample ID: 660-844-14

Client Matrix: Water

Date Sampled: 03/22/2005 1218

Date Received: 03/23/2005 0930

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1

Analysis Batch: 660-3810

Instrument ID: HP 5890 Series II ECD1/2

Preparation: 504.1

Prep Batch: 660-3722

Lab File ID: 1C28S124.D

Dilution: 1.0

Initial Weight/Volume: 31.9546 g

Date Analyzed: 03/30/2005 0409

Final Weight/Volume: 3 mL

Date Prepared: 03/28/2005 1500

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

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: **MWB22S**

Lab Sample ID: 660-844-15

Date Sampled: 03/22/2005 1253

Client Matrix: Water

Date Received: 03/23/2005 0930

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1

Analysis Batch: 660-3810

Instrument ID: HP 5890 Series II ECD1/2

Preparation: 504.1

Prep Batch: 660-3722

Lab File ID: 1C28S128.D

Dilution: 1.0

Initial Weight/Volume: 33.1742 g

Date Analyzed: 03/30/2005 0533

Final Weight/Volume: 3 mL

Date Prepared: 03/28/2005 1500

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

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: **DUP02**

Lab Sample ID: 660-844-16

Date Sampled: 03/22/2005 1253

Client Matrix: Water

Date Received: 03/23/2005 0930

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1

Analysis Batch: 660-3810

Instrument ID: HP 5890 Series II ECD1/2

Preparation: 504.1

Prep Batch: 660-3722

Lab File ID: 1C28S130.D

Dilution: 1.0

Initial Weight/Volume: 33.0563 g

Date Analyzed: 03/30/2005 0615

Final Weight/Volume: 3 mL

Date Prepared: 03/28/2005 1500

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



STL

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: TRIP BLANK

Lab Sample ID: 660-844-17

Date Sampled: 03/22/2005 0739

Client Matrix: Water

Date Received: 03/23/2005 0930

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1

Analysis Batch: 660-3810

Instrument ID: HP 5890 Series II ECD1/2

Preparation: 504.1

Prep Batch: 660-3722

Lab File ID: 1C28S131.D

Dilution: 1.0

Initial Weight/Volume: 33.6609 g

Date Analyzed: 03/30/2005 0636

Final Weight/Volume: 3 mL

Date Prepared: 03/28/2005 1500

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

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: MWB19S

Lab Sample ID: 660-844-1

Date Sampled: 03/22/2005 0739

Client Matrix: Water

Date Received: 03/23/2005 0930

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method: 200.7 Rev 4.4 Analysis Batch: 660-3824
Preparation: 200.7 Rev 4.4 Prep Batch: 660-3465
Dilution: 1.0
Date Analyzed: 03/31/2005 0852
Date Prepared: 03/25/2005 1510

Instrument ID: TJA ICP TRACE
Lab File ID: 5C31A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.0038	U	0.0038	0.010
Barium	0.012		0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00071	U	0.00071	0.0050
Cobalt	0.0014	U	0.0014	0.010
Chromium	0.0017	U	0.0017	0.010
Copper	0.0013	U	0.0013	0.020
Iron	0.25		0.037	0.050
Sodium	5.2		0.15	0.50
Nickel	0.0047	U	0.0047	0.040
Antimony	0.0029	U	0.0029	0.0060
Lead	0.0015	U	0.0015	0.0050
Selenium	0.0048	U	0.0048	0.010
Vanadium	0.0025	U	0.0025	0.010
Zinc	0.0059	U	0.0059	0.020

200.8 ICPMS Metals by 200.8

Method: 200.8 Analysis Batch: 680-6927
Preparation: 200.8 Prep Batch: 680-5544
Dilution: 1.0
Date Analyzed: 04/01/2005 2113
Date Prepared: 03/30/2005 1251

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	0.69	I	0.20	1.0



STL

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch:	660-3844	Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch:	660-3615	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/29/2005 1638			Final Weight/Volume:	50 mL
Date Prepared:	03/29/2005 1004				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: MWB19D

Lab Sample ID: 660-844-2

Date Sampled: 03/22/2005 0803

Client Matrix: Water

Date Received: 03/23/2005 0930

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method: 200.7 Rev 4.4 Analysis Batch: 660-3824
Preparation: 200.7 Rev 4.4 Prep Batch: 660-3465
Dilution: 1.0
Date Analyzed: 03/31/2005 0858
Date Prepared: 03/25/2005 1510

Instrument ID: TJA ICP TRACE
Lab File ID: 5C31A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.0039	I	0.0038	0.010
Barium	0.11		0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00071	U	0.00071	0.0050
Cobalt	0.0014	U	0.0014	0.010
Chromium	0.0069	I	0.0017	0.010
Copper	0.0016	I	0.0013	0.020
Iron	3.9		0.037	0.050
Sodium	4.4		0.15	0.50
Nickel	0.0047	U	0.0047	0.040
Antimony	0.0029	U	0.0029	0.0060
Lead	0.0015	U	0.0015	0.0050
Selenium	0.0048	U	0.0048	0.010
Vanadium	0.010		0.0025	0.010
Zinc	0.0059	U	0.0059	0.020

200.8 ICPMS Metals by 200.8

Method: 200.8 Analysis Batch: 680-6927
Preparation: 200.8 Prep Batch: 680-5544
Dilution: 1.0
Date Analyzed: 04/01/2005 2149
Date Prepared: 03/30/2005 1251

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	0.93	I	0.20	1.0

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch:	660-3844	Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch:	660-3615	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/29/2005 1647			Final Weight/Volume:	50 mL
Date Prepared:	03/29/2005 1004				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020



STL

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: MWB19I

Lab Sample ID: 660-844-3

Client Matrix: Water

Date Sampled: 03/22/2005 0817

Date Received: 03/23/2005 0930

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method:	200.7 Rev 4.4	Analysis Batch:	660-3824	Instrument ID:	TJA ICP TRACE
Preparation:	200.7 Rev 4.4	Prep Batch:	660-3465	Lab File ID:	5C31A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/31/2005 0916			Final Weight/Volume:	50 mL
Date Prepared:	03/25/2005 1510				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.0038	U	0.0038	0.010
Barium	0.10		0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00076	I	0.00071	0.0050
Cobalt	0.0027	I	0.0014	0.010
Chromium	0.0047	I	0.0017	0.010
Copper	0.0013	U	0.0013	0.020
Iron	1.0		0.037	0.050
Sodium	3.6		0.15	0.50
Nickel	0.0047	U	0.0047	0.040
Antimony	0.0029	U	0.0029	0.0060
Lead	0.0015	U	0.0015	0.0050
Selenium	0.0048	U	0.0048	0.010
Vanadium	0.0057	I	0.0025	0.010
Zinc	0.015	I	0.0059	0.020

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-844.1

200.7 Rev 4.4 ICP Metals by 200.7-Dissolved

Method: 200.7 Rev 4.4
Preparation: 200.7 Appx C
Dilution: 1.0
Date Analyzed: 03/31/2005 0922
Date Prepared: 03/31/2005 0922

Analysis Batch: 660-3824
Prep Batch: 660-3465

Instrument ID: TJA ICP TRACE
Lab File ID: 5C31A
Initial Weight/Volume:
Final Weight/Volume:

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.0038	U	0.0038	0.010
Barium	0.061		0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00071	U	0.00071	0.0050
Cobalt	0.0014	U	0.0014	0.010
Chromium	0.0017	U	0.0017	0.010
Copper	0.0013	U	0.0013	0.020
Iron	0.48		0.037	0.050
Sodium	3.6		0.15	0.50
Nickel	0.0047	U	0.0047	0.040
Antimony	0.0029	U	0.0029	0.0060
Lead	0.0015	U	0.0015	0.0050
Selenium	0.0048	U	0.0048	0.010
Vanadium	0.0025	U	0.0025	0.010
Zinc	0.0059	U	0.0059	0.020

200.8 ICPMS Metals by 200.8

Method: 200.8
Preparation: 200.8
Dilution: 1.0
Date Analyzed: 04/01/2005 2157
Date Prepared: 03/30/2005 1251

Analysis Batch: 680-6927
Prep Batch: 680-5544

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	0.20	1.0

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

200.8 ICPMS Metals by 200.8 CWA-Dissolved

Method:	200.8	Analysis Batch:	680-6272	Instrument ID:	ICP MS
Preparation:	200.8	Prep Batch:	680-5776	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	04/02/2005 1826			Final Weight/Volume:	250 mL
Date Prepared:	04/01/2005 0950				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.33	I	0.25	1.0

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch:	660-3844	Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch:	660-3615	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/29/2005 1649			Final Weight/Volume:	50 mL
Date Prepared:	03/29/2005 1004				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

245.1 Mercury in Water by CVAA-Dissolved

Method:	245.1	Analysis Batch:	660-3844	Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch:	660-3615	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	
Date Analyzed:	03/29/2005 1651			Final Weight/Volume:	
Date Prepared:	03/29/2005 1651				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Hg	0.000072	U	0.000072	0.00020

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: MWB7S

Lab Sample ID: 660-844-4

Date Sampled: 03/22/2005 0845

Client Matrix: Water

Date Received: 03/23/2005 0930

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method: 200.7 Rev 4.4 Analysis Batch: 660-3824

Preparation: 200.7 Rev 4.4 Prep Batch: 660-3465

Dilution: 1.0

Date Analyzed: 03/31/2005 0928

Date Prepared: 03/25/2005 1510

Instrument ID: TJA ICP TRACE

Lab File ID: 5C31A

Initial Weight/Volume: 50 mL

Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.0038	U	0.0038	0.010
Barium	0.0085	I	0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00071	U	0.00071	0.0050
Cobalt	0.0014	U	0.0014	0.010
Chromium	0.0017	U	0.0017	0.010
Copper	0.0013	U	0.0013	0.020
Iron	0.15		0.037	0.050
Sodium	5.8		0.15	0.50
Nickel	0.0047	U	0.0047	0.040
Antimony	0.0029	U	0.0029	0.0060
Lead	0.0015	U	0.0015	0.0050
Selenium	0.0048	U	0.0048	0.010
Vanadium	0.0025	U	0.0025	0.010
Zinc	0.0059	U	0.0059	0.020

200.8 ICPMS Metals by 200.8

Method: 200.8 Analysis Batch: 680-6927

Preparation: 200.8 Prep Batch: 680-5544

Dilution: 1.0

Date Analyzed: 04/01/2005 2218

Date Prepared: 03/30/2005 1251

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	0.20	U	0.20	1.0



STL

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch:	660-3844	Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch:	660-3615	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/29/2005 1653			Final Weight/Volume:	50 mL
Date Prepared:	03/29/2005 1004				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: MWB7D

Lab Sample ID: 660-844-5

Date Sampled: 03/22/2005 0906

Client Matrix: Water

Date Received: 03/23/2005 0930

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method:	200.7 Rev 4.4	Analysis Batch:	660-3824	Instrument ID:	TJA ICP TRACE
Preparation:	200.7 Rev 4.4	Prep Batch:	660-3465	Lab File ID:	5C31A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/31/2005 0933			Final Weight/Volume:	50 mL
Date Prepared:	03/25/2005 1510				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.0038	U	0.0038	0.010
Barium	0.083		0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00071	U	0.00071	0.0050
Cobalt	0.0014	U	0.0014	0.010
Chromium	0.0017	U	0.0017	0.010
Copper	0.0013	U	0.0013	0.020
Iron	0.29		0.037	0.050
Sodium	4.7		0.15	0.50
Nickel	0.0047	U	0.0047	0.040
Antimony	0.0029	U	0.0029	0.0060
Lead	0.0015	U	0.0015	0.0050
Selenium	0.0048	U	0.0048	0.010
Vanadium	0.0025	U	0.0025	0.010
Zinc	0.0059	U	0.0059	0.020

200.8 ICPMS Metals by 200.8

Method:	200.8	Analysis Batch:	680-6927	Instrument ID:	ICP MS
Preparation:	200.8	Prep Batch:	680-5544	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	04/01/2005 2226			Final Weight/Volume:	250 mL
Date Prepared:	03/30/2005 1251				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.20	U	0.20	1.0



STL

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch:	660-3844	Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch:	660-3615	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/29/2005 1655			Final Weight/Volume:	50 mL
Date Prepared:	03/29/2005 1004				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: MWB7I

Lab Sample ID: 660-844-6

Date Sampled: 03/22/2005 0924

Client Matrix: Water

Date Received: 03/23/2005 0930

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method: 200.7 Rev 4.4 Analysis Batch: 660-3824
Preparation: 200.7 Rev 4.4 Prep Batch: 660-3465
Dilution: 1.0
Date Analyzed: 03/31/2005 0939
Date Prepared: 03/25/2005 1510

Instrument ID: TJA ICP TRACE
Lab File ID: 5C31A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.0038	U	0.0038	0.010
Barium	0.054		0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00071	U	0.00071	0.0050
Cobalt	0.0014	U	0.0014	0.010
Chromium	0.0017	U	0.0017	0.010
Copper	0.0013	U	0.0013	0.020
Iron	0.36		0.037	0.050
Sodium	3.2		0.15	0.50
Nickel	0.0047	U	0.0047	0.040
Antimony	0.0029	U	0.0029	0.0060
Lead	0.0015	U	0.0015	0.0050
Selenium	0.0048	U	0.0048	0.010
Vanadium	0.0025	U	0.0025	0.010
Zinc	0.0059	U	0.0059	0.020

200.8 ICPMS Metals by 200.8

Method: 200.8 Analysis Batch: 680-6927
Preparation: 200.8 Prep Batch: 680-5544
Dilution: 1.0
Date Analyzed: 04/01/2005 2233
Date Prepared: 03/30/2005 1251

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	0.20	U	0.20	1.0



STL

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch:	660-3844	Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch:	660-3615	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/29/2005 1656			Final Weight/Volume:	50 mL
Date Prepared:	03/29/2005 1004				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: MWB20S

Lab Sample ID: 660-844-7

Date Sampled: 03/22/2005 0945

Client Matrix: Water

Date Received: 03/23/2005 0930

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method: 200.7 Rev 4.4 Analysis Batch: 660-3824
Preparation: 200.7 Rev 4.4 Prep Batch: 660-3465
Dilution: 1.0
Date Analyzed: 03/31/2005 0945
Date Prepared: 03/25/2005 1510

Instrument ID: TJA ICP TRACE
Lab File ID: 5C31A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.0038	U	0.0038	0.010
Barium	0.030		0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00071	U	0.00071	0.0050
Cobalt	0.0014	U	0.0014	0.010
Chromium	0.0017	U	0.0017	0.010
Copper	0.0013	U	0.0013	0.020
Iron	0.43		0.037	0.050
Sodium	5.5		0.15	0.50
Nickel	0.0047	U	0.0047	0.040
Antimony	0.0029	U	0.0029	0.0060
Lead	0.0015	U	0.0015	0.0050
Selenium	0.0048	U	0.0048	0.010
Vanadium	0.0025	U	0.0025	0.010
Zinc	0.0059	U	0.0059	0.020

200.8 ICPMS Metals by 200.8

Method: 200.8 Analysis Batch: 680-6927
Preparation: 200.8 Prep Batch: 680-5544
Dilution: 1.0
Date Analyzed: 04/01/2005 2240
Date Prepared: 03/30/2005 1251

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	0.20	U	0.20	1.0



STL

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch:	660-3844	Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch:	660-3615	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/29/2005 1659			Final Weight/Volume:	50 mL
Date Prepared:	03/29/2005 1004				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: DUP01

Lab Sample ID: 660-844-8

Date Sampled: 03/22/2005 0945

Client Matrix: Water

Date Received: 03/23/2005 0930

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method: 200.7 Rev 4.4 Analysis Batch: 660-3824
Preparation: 200.7 Rev 4.4 Prep Batch: 660-3465
Dilution: 1.0
Date Analyzed: 03/31/2005 0950
Date Prepared: 03/25/2005 1510

Instrument ID: TJA ICP TRACE
Lab File ID: 5C31A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.0038	U	0.0038	0.010
Barium	0.031		0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00071	U	0.00071	0.0050
Cobalt	0.0014	U	0.0014	0.010
Chromium	0.0017	U	0.0017	0.010
Copper	0.0013	U	0.0013	0.020
Iron	0.44		0.037	0.050
Sodium	5.6		0.15	0.50
Nickel	0.0047	U	0.0047	0.040
Antimony	0.0029	U	0.0029	0.0060
Lead	0.0015	U	0.0015	0.0050
Selenium	0.0048	U	0.0048	0.010
Vanadium	0.0025	U	0.0025	0.010
Zinc	0.0059	U	0.0059	0.020

200.8 ICPMS Metals by 200.8

Method: 200.8 Analysis Batch: 680-6927
Preparation: 200.8 Prep Batch: 680-5544
Dilution: 1.0
Date Analyzed: 04/01/2005 2247
Date Prepared: 03/30/2005 1251

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	0.20	U	0.20	1.0

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-844.1

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch:	660-3844	Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch:	660-3615	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/29/2005 1701			Final Weight/Volume:	50 mL
Date Prepared:	03/29/2005 1004				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: MWB11S

Lab Sample ID: 660-844-9

Date Sampled: 03/22/2005 1008

Client Matrix: Water

Date Received: 03/23/2005 0930

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method:	200.7 Rev 4.4	Analysis Batch:	660-3824	Instrument ID:	TJA ICP TRACE
Preparation:	200.7 Rev 4.4	Prep Batch:	660-3465	Lab File ID:	5C31A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/31/2005 0956			Final Weight/Volume:	50 mL
Date Prepared:	03/25/2005 1510				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.0038	U	0.0038	0.010
Barium	0.081		0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00071	U	0.00071	0.0050
Cobalt	0.0014	U	0.0014	0.010
Chromium	0.0017	U	0.0017	0.010
Copper	0.0013	U	0.0013	0.020
Iron	1.3		0.037	0.050
Sodium	8.2		0.15	0.50
Nickel	0.0047	U	0.0047	0.040
Antimony	0.0029	U	0.0029	0.0060
Lead	0.0015	U	0.0015	0.0050
Selenium	0.0048	U	0.0048	0.010
Vanadium	0.0025	U	0.0025	0.010
Zinc	0.0059	U	0.0059	0.020

200.8 ICPMS Metals by 200.8

Method:	200.8	Analysis Batch:	680-6927	Instrument ID:	ICP MS
Preparation:	200.8	Prep Batch:	680-5544	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	04/01/2005 2255			Final Weight/Volume:	250 mL
Date Prepared:	03/30/2005 1251				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.20	U	0.20	1.0



STL

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch:	660-3844	Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch:	660-3615	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/29/2005 1703			Final Weight/Volume:	50 mL
Date Prepared:	03/29/2005 1004				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: MWB11I(R)

Lab Sample ID: 660-844-10

Client Matrix: Water

Date Sampled: 03/22/2005 1026

Date Received: 03/23/2005 0930

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method:	200.7 Rev 4.4	Analysis Batch:	660-3824	Instrument ID:	TJA ICP TRACE
Preparation:	200.7 Rev 4.4	Prep Batch:	660-3465	Lab File ID:	5C31A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/31/2005 1002			Final Weight/Volume:	50 mL
Date Prepared:	03/25/2005 1510				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.0038	U	0.0038	0.010
Barium	0.081		0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00071	U	0.00071	0.0050
Cobalt	0.0014	U	0.0014	0.010
Chromium	0.024		0.0017	0.010
Copper	0.0013	U	0.0013	0.020
Iron	1.5		0.037	0.050
Sodium	3.2		0.15	0.50
Nickel	0.0047	U	0.0047	0.040
Antimony	0.0029	U	0.0029	0.0060
Lead	0.0075		0.0015	0.0050
Selenium	0.0048	U	0.0048	0.010
Vanadium	0.038		0.0025	0.010
Zinc	0.0059	U	0.0059	0.020

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

200.7 Rev 4.4 ICP Metals by 200.7-Dissolved

Method:	200.7 Rev 4.4	Analysis Batch:	660-3824	Instrument ID:	TJA ICP TRACE
Preparation:	200.7 Appx C	Prep Batch:	660-3465	Lab File ID:	5C31A
Dilution:	1.0			Initial Weight/Volume:	
Date Analyzed:	03/31/2005 1008			Final Weight/Volume:	
Date Prepared:	03/31/2005 1008				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.0038	U	0.0038	0.010
Barium	0.032		0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00071	U	0.00071	0.0050
Cobalt	0.0014	U	0.0014	0.010
Chromium	0.0017	U	0.0017	0.010
Copper	0.0013	U	0.0013	0.020
Iron	0.38		0.037	0.050
Sodium	3.1		0.15	0.50
Nickel	0.0047	U	0.0047	0.040
Antimony	0.0029	U	0.0029	0.0060
Lead	0.0015	U	0.0015	0.0050
Selenium	0.0048	U	0.0048	0.010
Vanadium	0.0025	U	0.0025	0.010
Zinc	0.0059	U	0.0059	0.020

200.8 ICPMS Metals by 200.8

Method:	200.8	Analysis Batch:	680-6927	Instrument ID:	ICP MS
Preparation:	200.8	Prep Batch:	680-5544	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	04/01/2005 2302			Final Weight/Volume:	250 mL
Date Prepared:	03/30/2005 1251				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.20	U	0.20	1.0

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

200.8 ICPMS Metals by 200.8 CWA-Dissolved

Method:	200.8	Analysis Batch:	680-6272	Instrument ID:	ICP MS
Preparation:	200.8	Prep Batch:	680-5776	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	04/02/2005 1847			Final Weight/Volume:	250 mL
Date Prepared:	04/01/2005 0950				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.25	U	0.25	1.0

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch:	660-3844	Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch:	660-3615	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/29/2005 1704			Final Weight/Volume:	50 mL
Date Prepared:	03/29/2005 1004				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.000087	I	0.000072	0.00020

245.1 Mercury in Water by CVAA-Dissolved

Method:	245.1	Analysis Batch:	660-3844	Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch:	660-3615	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	
Date Analyzed:	03/29/2005 1711			Final Weight/Volume:	
Date Prepared:	03/29/2005 1711				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Hg	0.000072	U	0.000072	0.00020

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: MWB21S

Lab Sample ID: 660-844-11

Date Sampled: 03/22/2005 1051

Client Matrix: Water

Date Received: 03/23/2005 0930

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method: 200.7 Rev 4.4 Analysis Batch: 660-3824
 Preparation: 200.7 Rev 4.4 Prep Batch: 660-3465
 Dilution: 1.0
 Date Analyzed: 03/31/2005 1042
 Date Prepared: 03/25/2005 1510

Instrument ID: TJA ICP TRACE
 Lab File ID: 5C31A
 Initial Weight/Volume: 50 mL
 Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.0038	U	0.0038	0.010
Barium	0.0059	I	0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00071	U	0.00071	0.0050
Cobalt	0.0014	U	0.0014	0.010
Chromium	0.0024	I	0.0017	0.010
Copper	0.0013	U	0.0013	0.020
Iron	0.13		0.037	0.050
Sodium	2.4		0.15	0.50
Nickel	0.0047	U	0.0047	0.040
Antimony	0.0029	U	0.0029	0.0060
Lead	0.0015	U	0.0015	0.0050
Selenium	0.0048	U	0.0048	0.010
Vanadium	0.013		0.0025	0.010
Zinc	0.0059	U	0.0059	0.020

200.8 ICPMS Metals by 200.8

Method: 200.8 Analysis Batch: 680-6927
 Preparation: 200.8 Prep Batch: 680-5544
 Dilution: 1.0
 Date Analyzed: 04/01/2005 2309
 Date Prepared: 03/30/2005 1251

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	0.20	U	0.20	1.0

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch:	660-3844	Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch:	660-3615	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/29/2005 1712			Final Weight/Volume:	50 mL
Date Prepared:	03/29/2005 1004				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: MWB12I

Lab Sample ID: 660-844-12

Date Sampled: 03/22/2005 1141

Client Matrix: Water

Date Received: 03/23/2005 0930

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method: 200.7 Rev 4.4 Analysis Batch: 660-3824
Preparation: 200.7 Rev 4.4 Prep Batch: 660-3465
Dilution: 1.0
Date Analyzed: 03/31/2005 1036
Date Prepared: 03/25/2005 1510

Instrument ID: TJA ICP TRACE
Lab File ID: 5C31A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.0038	U	0.0038	0.010
Barium	0.053		0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00071	U	0.00071	0.0050
Cobalt	0.0014	U	0.0014	0.010
Chromium	0.0017	U	0.0017	0.010
Copper	0.0013	U	0.0013	0.020
Iron	0.43		0.037	0.050
Sodium	3.0		0.15	0.50
Nickel	0.0047	U	0.0047	0.040
Antimony	0.0029	U	0.0029	0.0060
Lead	0.0015	U	0.0015	0.0050
Selenium	0.0048	U	0.0048	0.010
Vanadium	0.0025	U	0.0025	0.010
Zinc	0.0059	U	0.0059	0.020

200.8 ICPMS Metals by 200.8

Method: 200.8 Analysis Batch: 680-6927
Preparation: 200.8 Prep Batch: 680-5544
Dilution: 1.0
Date Analyzed: 04/01/2005 2345
Date Prepared: 03/30/2005 1251

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	0.20	U	0.20	1.0

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch:	660-3844	Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch:	660-3615	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/29/2005 1714			Final Weight/Volume:	50 mL
Date Prepared:	03/29/2005 1004				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: MWB12D

Lab Sample ID: 660-844-13

Date Sampled: 03/22/2005 1159

Client Matrix: Water

Date Received: 03/23/2005 0930

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method: 200.7 Rev 4.4 Analysis Batch: 660-3824
Preparation: 200.7 Rev 4.4 Prep Batch: 660-3465
Dilution: 1.0
Date Analyzed: 03/31/2005 1031
Date Prepared: 03/25/2005 1510

Instrument ID: TJA ICP TRACE
Lab File ID: 5C31A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.0038	U	0.0038	0.010
Barium	0.12		0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00071	U	0.00071	0.0050
Cobalt	0.0014	U	0.0014	0.010
Chromium	0.0017	U	0.0017	0.010
Copper	0.0013	U	0.0013	0.020
Iron	0.69		0.037	0.050
Sodium	5.9		0.15	0.50
Nickel	0.0047	U	0.0047	0.040
Antimony	0.0029	U	0.0029	0.0060
Lead	0.0015	U	0.0015	0.0050
Selenium	0.0048	U	0.0048	0.010
Vanadium	0.0025	U	0.0025	0.010
Zinc	0.0059	U	0.0059	0.020

200.8 ICPMS Metals by 200.8

Method: 200.8 Analysis Batch: 680-6927
Preparation: 200.8 Prep Batch: 680-5544
Dilution: 1.0
Date Analyzed: 04/01/2005 2353
Date Prepared: 03/30/2005 1251

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	0.20	U	0.20	1.0

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-844.1

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch:	660-3844	Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch:	660-3615	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/29/2005 1716			Final Weight/Volume:	50 mL
Date Prepared:	03/29/2005 1004				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: MWB12S

Lab Sample ID: 660-844-14

Client Matrix: Water

Date Sampled: 03/22/2005 1218

Date Received: 03/23/2005 0930

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method: 200.7 Rev 4.4 Analysis Batch: 660-3824
Preparation: 200.7 Rev 4.4 Prep Batch: 660-3465
Dilution: 1.0
Date Analyzed: 03/31/2005 1025
Date Prepared: 03/25/2005 1510

Instrument ID: TJA ICP TRACE
Lab File ID: 5C31A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.0038	U	0.0038	0.010
Barium	0.022		0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00071	U	0.00071	0.0050
Cobalt	0.0014	U	0.0014	0.010
Chromium	0.0017	U	0.0017	0.010
Copper	0.0013	U	0.0013	0.020
Iron	0.64		0.037	0.050
Sodium	3.1		0.15	0.50
Nickel	0.0047	U	0.0047	0.040
Antimony	0.0029	U	0.0029	0.0060
Lead	0.0015	U	0.0015	0.0050
Selenium	0.0048	U	0.0048	0.010
Vanadium	0.0025	U	0.0025	0.010
Zinc	0.099		0.0059	0.020

200.8 ICPMS Metals by 200.8

Method: 200.8 Analysis Batch: 680-6927
Preparation: 200.8 Prep Batch: 680-5544
Dilution: 1.0
Date Analyzed: 04/02/2005 0000
Date Prepared: 03/30/2005 1251

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	0.20	U	0.20	1.0



STL

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch:	660-3844	Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch:	660-3615	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/29/2005 1718			Final Weight/Volume:	50 mL
Date Prepared:	03/29/2005 1004				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: MWB22S

Lab Sample ID: 660-844-15

Date Sampled: 03/22/2005 1253

Client Matrix: Water

Date Received: 03/23/2005 0930

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method: 200.7 Rev 4.4 Analysis Batch: 660-3824
Preparation: 200.7 Rev 4.4 Prep Batch: 660-3465
Dilution: 1.0
Date Analyzed: 03/31/2005 1048
Date Prepared: 03/25/2005 1510

Instrument ID: TJA ICP TRACE
Lab File ID: 5C31A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.0038	U	0.0038	0.010
Barium	0.0081	I	0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00071	U	0.00071	0.0050
Cobalt	0.0014	U	0.0014	0.010
Chromium	0.0017	U	0.0017	0.010
Copper	0.0013	U	0.0013	0.020
Iron	0.20		0.037	0.050
Sodium	8.0		0.15	0.50
Nickel	0.0047	U	0.0047	0.040
Antimony	0.0029	U	0.0029	0.0060
Lead	0.0015	U	0.0015	0.0050
Selenium	0.0048	U	0.0048	0.010
Vanadium	0.0025	U	0.0025	0.010
Zinc	0.0059	U	0.0059	0.020

200.8 ICPMS Metals by 200.8

Method: 200.8 Analysis Batch: 680-6927
Preparation: 200.8 Prep Batch: 680-5544
Dilution: 1.0
Date Analyzed: 04/02/2005 0007
Date Prepared: 03/30/2005 1251

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	0.20	U	0.20	1.0

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-844.1

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch:	660-3844	Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch:	660-3615	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/29/2005 1720			Final Weight/Volume:	50 mL
Date Prepared:	03/29/2005 1004				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

Client Sample ID: DUP02

Lab Sample ID: 660-844-16
Client Matrix: Water

Date Sampled: 03/22/2005 1253
Date Received: 03/23/2005 0930

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method:	200.7 Rev 4.4	Analysis Batch:	660-3824	Instrument ID:	TJA ICP TRACE
Preparation:	200.7 Rev 4.4	Prep Batch:	660-3465	Lab File ID:	5C31A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/31/2005 1054			Final Weight/Volume:	50 mL
Date Prepared:	03/25/2005 1510				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.0038	U	0.0038	0.010
Barium	0.0081	I	0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00071	U	0.00071	0.0050
Cobalt	0.0014	U	0.0014	0.010
Chromium	0.0017	U	0.0017	0.010
Copper	0.0013	U	0.0013	0.020
Iron	0.19		0.037	0.050
Sodium	8.0		0.15	0.50
Nickel	0.0047	U	0.0047	0.040
Antimony	0.0029	U	0.0029	0.0060
Lead	0.0015	U	0.0015	0.0050
Selenium	0.0048	U	0.0048	0.010
Vanadium	0.0025	U	0.0025	0.010
Zinc	0.0059	U	0.0059	0.020

200.8 ICPMS Metals by 200.8

Method:	200.8	Analysis Batch:	680-6927	Instrument ID:	ICP MS
Preparation:	200.8	Prep Batch:	680-5544	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	04/02/2005 0015			Final Weight/Volume:	250 mL
Date Prepared:	03/30/2005 1251				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.20	U	0.20	1.0



STL

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

245.1 Mercury In Water by CVAA

Method:	245.1	Analysis Batch:	660-3844	Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch:	660-3615	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/29/2005 1722			Final Weight/Volume:	50 mL
Date Prepared:	03/29/2005 1004				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

Field Service / Mobile Lab

Client Sample ID: MWB19S

Lab Sample ID: 660-844-1

Client Matrix: Water

Date Sampled: 03/22/2005 0739

Date Received: 03/23/2005 0930

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Specific Conductance	114		umhos/cm	1.0	120.1	660-4408	03/22/2005 0739
pH	5.41		SU	1.0	150.1	660-4415	03/22/2005 0739
Temperature	20.6		Degrees C	1.0	170.1	660-4420	03/22/2005 0739
Turbidity	14.7		NTU	1.0	180.1	660-4425	03/22/2005 0739
Oxygen, Dissolved	1.20		mg/L	1.0	360.1	660-4428	03/22/2005 0739
Water Level	121		ft	1.0	Water	660-4431	03/22/2005 0739
Well Depth	20.0		ft	0.0100	0.0100	1.0	Well Depth 660-4557 03/22/2005 0739

Client Sample ID: MWB19D

Lab Sample ID: 660-844-2

Client Matrix: Water

Date Sampled: 03/22/2005 0803

Date Received: 03/23/2005 0930

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Specific Conductance	365		umhos/cm	1.0	120.1	660-4408	03/22/2005 0803
pH	7.26		SU-	1.0	150.1	660-4415	03/22/2005 0803
Temperature	21.7		Degrees C	1.0	170.1	660-4420	03/22/2005 0803
Turbidity	23.6		NTU	1.0	180.1	660-4425	03/22/2005 0803
Oxygen, Dissolved	0.400		mg/L	1.0	360.1	660-4428	03/22/2005 0803
Water Level	121		ft	1.0	Water	660-4431	03/22/2005 0803
Well Depth	116		ft	0.0100	0.0100	1.0	Well Depth 660-4557 03/22/2005 0803

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-844.1

Field Service / Mobile Lab

Client Sample ID: MWB19I

Lab Sample ID: 660-844-3

Client Matrix: Water

Date Sampled: 03/22/2005 0817

Date Received: 03/23/2005 0930

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Specific Conductance	42.0		umhos/cm	1.0	120.1	660-4408	03/22/2005 0817
pH	5.10		SU	1.0	150.1	660-4415	03/22/2005 0817
Temperature	22.1		Degrees C	1.0	170.1	660-4420	03/22/2005 0817
Turbidity	89.1		NTU	1.0	180.1	660-4425	03/22/2005 0817
Oxygen, Dissolved	0.900		mg/L	1.0	360.1	660-4428	03/22/2005 0817
Water Level	121		ft	1.0	Water	660-4431	03/22/2005 0817
Well Depth	20.0		ft	0.0100	0.0100	1.0	Well Depth 660-4557 03/22/2005 0817

Client Sample ID: MWB7S

Lab Sample ID: 660-844-4

Client Matrix: Water

Date Sampled: 03/22/2005 0845

Date Received: 03/23/2005 0930

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Specific Conductance	101		umhos/cm	1.0	120.1	660-4408	03/22/2005 0845
pH	4.96		SU	1.0	150.1	660-4415	03/22/2005 0845
Temperature	21.1		Degrees C	1.0	170.1	660-4420	03/22/2005 0845
Turbidity	14.4		NTU	1.0	180.1	660-4425	03/22/2005 0845
Oxygen, Dissolved	1.60		mg/L	1.0	360.1	660-4428	03/22/2005 0845
Water Level	115		ft	1.0	Water	660-4431	03/22/2005 0845
Well Depth	20.0		ft	0.0100	0.0100	1.0	Well Depth 660-4557 03/22/2005 0845

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

Field Service / Mobile Lab

Client Sample ID: **MWB7D**

Lab Sample ID: 660-844-5
Client Matrix: Water

Date Sampled: 03/22/2005 0906
Date Received: 03/23/2005 0930

Analyte	Result	Qual	Units		Dil	Method	Analysis Batch	Date Analyzed
Specific Conductance	348		umhos/cm		1.0	120.1	660-4408	03/22/2005 0906
pH	7.38		SU		1.0	150.1	660-4415	04/08/2005 0906
Temperature	21.7		Degrees C		1.0	170.1	660-4420	03/22/2005 0906
Turbidity	0.400		NTU		1.0	180.1	660-4425	03/22/2005 0906
Oxygen, Dissolved	0.500		mg/L		1.0	360.1	660-4428	03/22/2005 0906
Water Level	120		ft		1.0	Water	660-4431	03/22/2005 0906
Well Depth	117		ft	0.0100 0.0100	1.0	Well Depth	660-4557	03/22/2005 0906

Client Sample ID: **MWB7I**

Lab Sample ID: 660-844-6
Client Matrix: Water

Date Sampled: 03/22/2005 0924
Date Received: 03/23/2005 0930

Analyte	Result	Qual	Units		Dil	Method	Analysis Batch	Date Analyzed
Specific Conductance	43.0		umhos/cm		1.0	120.1	660-4408	03/22/2005 0924
pH	5.34		SU		1.0	150.1	660-4415	04/08/2005 0924
Temperature	22.1		Degrees C		1.0	170.1	660-4420	03/22/2005 0924
Turbidity	1.70		NTU		1.0	180.1	660-4425	03/22/2005 0924
Oxygen, Dissolved	0.700		mg/L		1.0	360.1	660-4428	03/22/2005 0924
Water Level	117		ft		1.0	Water	660-4431	03/22/2005 0924
Well Depth	65.0		ft	0.0100 0.0100	1.0	Well Depth	660-4557	03/22/2005 0924

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-844.1

Field Service / Mobile Lab**Client Sample ID: MWB20S**

Lab Sample ID: 660-844-7

Client Matrix: Water

Date Sampled: 03/22/2005 0945

Date Received: 03/23/2005 0930

Analyte	Result	Qual	Units		Dil	Method	Analysis Batch	Date Analyzed
Specific Conductance	129		umhos/cm		1.0	120.1	660-4408	03/22/2005 0945
pH	4.27		SU		1.0	150.1	660-4415	04/08/2005 0945
Temperature	25.2		Degrees C		1.0	170.1	660-4420	03/22/2005 0945
Turbidity	1.20		NTU		1.0	180.1	660-4425	03/22/2005 0945
Oxygen, Dissolved	1.10		mg/L		1.0	360.1	660-4428	03/22/2005 0945
Water Level	113		ft		1.0	Water	660-4431	03/22/2005 0945
Well Depth	20.0		ft	0.0100 0.0100	1.0	Well Depth	660-4557	03/22/2005 0945

Client Sample ID: MWB11S

Lab Sample ID: 660-844-9

Client Matrix: Water

Date Sampled: 03/22/2005 1008

Date Received: 03/23/2005 0930

Analyte	Result	Qual	Units		Dil	Method	Analysis Batch	Date Analyzed
Specific Conductance	155		umhos/cm		1.0	120.1	660-4408	03/22/2005 1026
pH	4.17		SU		1.0	150.1	660-4415	04/08/2005 1026
Temperature	20.5		Degrees C		1.0	170.1	660-4420	03/22/2005 1026
Turbidity	2.30		NTU		1.0	180.1	660-4425	03/22/2005 1026
Oxygen, Dissolved	1.30		mg/L		1.0	360.1	660-4428	03/22/2005 1026
Water Level	108		ft		1.0	Water	660-4431	03/22/2005 1026
Well Depth	19.5		ft	0.0100 0.0100	1.0	Well Depth	660-4557	03/22/2005 1026

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-844.1

Field Service / Mobile Lab

Client Sample ID: MWB11I(R)

Lab Sample ID: 660-844-10

Client Matrix: Water

Date Sampled: 03/22/2005 1026

Date Received: 03/23/2005 0930

Analyte	Result	Qual	Units		Dil	Method	Analysis Batch	Date Analyzed
Specific Conductance	37.0		umhos/cm		1.0	120.1	660-4408	03/22/2005 1051
pH	5.11		SU		1.0	150.1	660-4415	03/22/2005 1051
Temperature	23.5		Degrees C		1.0	170.1	660-4420	03/22/2005 1051
Turbidity	1.10		NTU		1.0	180.1	660-4425	03/22/2005 1051
Oxygen, Dissolved	1.10		mg/L		1.0	360.1	660-4428	03/22/2005 1051
Water Level	108		ft		1.0	Water	660-4431	03/22/2005 1051
Well Depth	55.5		ft	0.0100 0.0100	1.0	Well Depth	660-4557	03/22/2005 1051

Client Sample ID: MWB21S

Lab Sample ID: 660-844-11

Client Matrix: Water

Date Sampled: 03/22/2005 1051

Date Received: 03/23/2005 0930

Analyte	Result	Qual	Units		Dil	Method	Analysis Batch	Date Analyzed
Specific Conductance	52.0		umhos/cm		1.0	120.1	660-4408	03/22/2005 1141
pH	4.97		SU		1.0	150.1	660-4415	03/22/2005 1141
Temperature	21.1		Degrees C		1.0	170.1	660-4420	03/22/2005 1141
Turbidity	8.10		NTU		1.0	180.1	660-4425	03/22/2005 1141
Oxygen, Dissolved	1.30		mg/L		1.0	360.1	660-4428	03/22/2005 1141
Water Level	112		ft		1.0	Water	660-4431	03/22/2005 1141
Well Depth	18.0		ft	0.0100 0.0100	1.0	Well Depth	660-4557	03/22/2005 1141

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

Field Service / Mobile Lab

Client Sample ID: **MWB12I**

Lab Sample ID: 660-844-12
Client Matrix: Water

Date Sampled: 03/22/2005 1141
Date Received: 03/23/2005 0930

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Specific Conductance	41.0		umhos/cm	1.0	120.1	660-4408	03/22/2005 1159
pH	5.19		SU	1.0	150.1	660-4415	03/22/2005 1159
Temperature	22.5		Degrees C	1.0	170.1	660-4420	03/22/2005 1159
Turbidity	11.3		NTU	1.0	180.1	660-4425	03/22/2005 1159
Oxygen, Dissolved	1.00		mg/L	1.0	360.1	660-4428	03/22/2005 1159
Water Level	116		ft	1.0	Water	660-4431	03/22/2005 1159
Well Depth	71.5		ft	0.0100	0.0100	1.0	Well Depth 660-4557 03/22/2005 1159

Client Sample ID: **MWB12D**

Lab Sample ID: 660-844-13
Client Matrix: Water

Date Sampled: 03/22/2005 1159
Date Received: 03/23/2005 0930

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Specific Conductance	388		umhos/cm	1.0	120.1	660-4408	03/22/2005 1218
pH	7.14		SU	1.0	150.1	660-4415	03/22/2005 1218
Temperature	22.0		Degrees C	1.0	170.1	660-4420	03/22/2005 1218
Turbidity	0.200		NTU	1.0	180.1	660-4425	03/22/2005 1218
Oxygen, Dissolved	0.800		mg/L	1.0	360.1	660-4428	03/22/2005 1218
Water Level	119		ft	1.0	Water	660-4431	03/22/2005 1218
Well Depth	112		ft	0.0100	0.0100	1.0	Well Depth 660-4557 03/22/2005 1218

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-844.1

Field Service / Mobile Lab

Client Sample ID: MWB12S

Lab Sample ID: 660-844-14

Client Matrix: Water

Date Sampled: 03/22/2005 1218

Date Received: 03/23/2005 0930

Analyte	Result	Qual	Units		Dil	Method	Analysis Batch	Date Analyzed
Specific Conductance	109		umhos/cm		1.0	120.1	660-4408	03/22/2005 1253
pH	5.32		SU		1.0	150.1	660-4415	03/22/2005 1253
Temperature	19.8		Degrees C		1.0	170.1	660-4420	03/22/2005 1253
Turbidity	16.1		NTU		1.0	180.1	660-4425	03/22/2005 1253
Oxygen, Dissolved	2.60		mg/L		1.0	360.1	660-4428	03/22/2005 1253
Water Level	114		ft		1.0	Water	660-4431	03/22/2005 1253
Well Depth	24.5		ft	0.0100 0.0100	1.0	Well Depth	660-4557	03/22/2005 1253

Client Sample ID: MWB22S

Lab Sample ID: 660-844-15

Client Matrix: Water

Date Sampled: 03/22/2005 1253

Date Received: 03/23/2005 0930

Analyte	Result	Qual	Units		Dil	Method	Analysis Batch	Date Analyzed
Specific Conductance	188		umhos/cm		1.0	120.1	660-4408	03/22/2005 1253
pH	5.69		SU		1.0	150.1	660-4415	03/22/2005 1253
Temperature	18.8		Degrees C		1.0	170.1	660-4420	03/22/2005 1253
Turbidity	16.3		NTU		1.0	180.1	660-4425	03/22/2005 1253
Oxygen, Dissolved	1.60		mg/L		1.0	360.1	660-4428	03/22/2005 1253
Water Level	115		ft		1.0	Water	660-4431	03/22/2005 1253
Well Depth	26.0		ft	0.0100 0.0100	1.0	Well Depth	660-4557	03/22/2005 1253

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

General Chemistry

Client Sample ID: MWB19S

Lab Sample ID: 660-844-1
Client Matrix: Water

Date Sampled: 03/22/2005 0739
Date Received: 03/23/2005 0930

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method	Anly Batch	Date Analyzed
Chloride	9.1		mg/L	0.90	1.0	1.0	325.2	660-3792	03/30/2005 1730
Nitrogen, Nitrate	0.010	U	mg/L	0.010	0.050	1.0	353.2	660-4820	03/24/2005 0744
Ammonia	0.25		mg/L	0.040	0.050	1.0	350.1	660-3892	03/31/2005 1640
Date Prepared: 03/24/2005 0744									
Analyte	Result	Qual	Units	RL	PQL	Dil	Method	Anly Batch	Date Analyzed
Total Dissolved Solids	64		mg/L	5.0	5.0	1.0	160.1	660-4818	03/28/2005 1200

Client Sample ID: MWB19D

Lab Sample ID: 660-844-2
Client Matrix: Water

Date Sampled: 03/22/2005 0803
Date Received: 03/23/2005 0930

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method	Anly Batch	Date Analyzed
Chloride	5.2		mg/L	0.90	1.0	1.0	325.2	660-3792	03/30/2005 1730
Nitrogen, Nitrate	0.010	U	mg/L	0.010	0.050	1.0	353.2	660-4820	03/24/2005 0744
Ammonia	0.090		mg/L	0.040	0.050	1.0	350.1	660-3892	03/31/2005 1640
Date Prepared: 03/24/2005 0744									
Analyte	Result	Qual	Units	RL	PQL	Dil	Method	Anly Batch	Date Analyzed
Total Dissolved Solids	180		mg/L	5.0	5.0	1.0	160.1	660-4818	03/28/2005 1200

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

General Chemistry

Client Sample ID: MWB19I

Lab Sample ID: 660-844-3

Date Sampled: 03/22/2005 0817

Client Matrix: Water

Date Received: 03/23/2005 0930

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method	Anly Batch	Date Analyzed
Chloride	8.5		mg/L	0.90	1.0	1.0	325.2	660-3792	03/30/2005 1730
Nitrogen, Nitrate	0.010	U	mg/L	0.010	0.050	1.0	353.2	660-4820	03/24/2005 0744
								Date Prepared: 03/24/2005 0744	
Ammonia	0.070		mg/L	0.040	0.050	1.0	350.1	660-3892	03/31/2005 1640

Analyte	Result	Qual	Units	RL	PQL	Dil	Method	Anly Batch	Date Analyzed
Total Dissolved Solids	20		mg/L	5.0	5.0	1.0	160.1	660-4818	03/28/2005 1200

Client Sample ID: MWB7S

Lab Sample ID: 660-844-4

Date Sampled: 03/22/2005 0845

Client Matrix: Water

Date Received: 03/23/2005 0930

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method	Anly Batch	Date Analyzed
Chloride	9.8		mg/L	0.90	1.0	1.0	325.2	660-3792	03/30/2005 1730
Nitrogen, Nitrate	0.64		mg/L	0.010	0.050	1.0	353.2	660-4820	03/24/2005 0744
								Date Prepared: 03/24/2005 0744	
Ammonia	0.17		mg/L	0.040	0.050	1.0	350.1	660-3892	03/31/2005 1640

Analyte	Result	Qual	Units	RL	PQL	Dil	Method	Anly Batch	Date Analyzed
Total Dissolved Solids	64		mg/L	5.0	5.0	1.0	160.1	660-4818	03/28/2005 1200

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

General Chemistry

Client Sample ID: MWB7D

Lab Sample ID: 660-844-5

Client Matrix: Water

Date Sampled: 03/22/2005 0906

Date Received: 03/23/2005 0930

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method	Anly Batch	Date Analyzed
Chloride	4.7		mg/L	0.90	1.0	1.0	325.2	660-3792	03/30/2005 1730
Nitrogen, Nitrate	0.010	U	mg/L	0.010	0.050	1.0	353.2	660-4820	03/24/2005 0744
Ammonia	0.11		mg/L	0.040	0.050	1.0	350.1	660-3892	03/31/2005 1640

Date Prepared: 03/24/2005 0744

Analyte	Result	Qual	Units	RL	PQL	Dil	Method	Anly Batch	Date Analyzed
Total Dissolved Solids	170		mg/L	5.0	5.0	1.0	160.1	660-4818	03/28/2005 1200

Client Sample ID: MWB7I

Lab Sample ID: 660-844-6

Client Matrix: Water

Date Sampled: 03/22/2005 0924

Date Received: 03/23/2005 0930

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method	Anly Batch	Date Analyzed
Chloride	5.8		mg/L	0.90	1.0	1.0	325.2	660-3792	03/30/2005 1730
Nitrogen, Nitrate	0.010	U	mg/L	0.010	0.050	1.0	353.2	660-4820	03/24/2005 0744
Ammonia	0.040	U	mg/L	0.040	0.050	1.0	350.1	660-3892	03/31/2005 1640

Date Prepared: 03/24/2005 0744

Analyte	Result	Qual	Units	RL	PQL	Dil	Method	Anly Batch	Date Analyzed
Total Dissolved Solids	24		mg/L	5.0	5.0	1.0	160.1	660-4818	03/28/2005 1200

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

General Chemistry

Client Sample ID: MWB20S

Lab Sample ID: 660-844-7
Client Matrix: Water

Date Sampled: 03/22/2005 0945
Date Received: 03/23/2005 0930

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method	Anly Batch	Date Analyzed
Chloride	9.5		mg/L	0.90	1.0	1.0	325.2	660-3792	03/30/2005 1730
Nitrogen, Nitrate	0.010	U	mg/L	0.010	0.050	1.0	353.2	660-4820	03/24/2005 0744
								Date Prepared: 03/24/2005 0744	
Ammonia	0.69		mg/L	0.040	0.050	1.0	350.1	660-3892	03/31/2005 1640

Analyte	Result	Qual	Units	RL	PQL	Dil	Method	Anly Batch	Date Analyzed
Total Dissolved Solids	52		mg/L	5.0	5.0	1.0	160.1	660-4818	03/28/2005 1200

Client Sample ID: DUP01

Lab Sample ID: 660-844-8
Client Matrix: Water

Date Sampled: 03/22/2005 0945
Date Received: 03/23/2005 0930

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method	Anly Batch	Date Analyzed
Chloride	9.0		mg/L	0.90	1.0	1.0	325.2	660-3792	03/30/2005 1730
Nitrogen, Nitrate	0.010	U	mg/L	0.010	0.050	1.0	353.2	660-4820	03/24/2005 0744
								Date Prepared: 03/24/2005 0744	
Ammonia	0.68		mg/L	0.040	0.050	1.0	350.1	660-3892	03/31/2005 1640

Analyte	Result	Qual	Units	RL	PQL	Dil	Method	Anly Batch	Date Analyzed
Total Dissolved Solids	58		mg/L	5.0	5.0	1.0	160.1	660-4818	03/28/2005 1200

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

General Chemistry

Client Sample ID: MWB11S

Lab Sample ID: 660-844-9

Client Matrix: Water

Date Sampled: 03/22/2005 1008

Date Received: 03/23/2005 0930

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method	Anly Batch	Date Analyzed
Chloride	16		mg/L	0.90	1.0	1.0	325.2	660-3792	03/30/2005 1730
Nitrogen, Nitrate	0.010	U	mg/L	0.010	0.050	1.0	353.2	660-4820	03/24/2005 0744
									Date Prepared: 03/24/2005 0744
Ammonia	0.077		mg/L	0.040	0.050	1.0	350.1	660-3892	03/31/2005 1640

Analyte	Result	Qual	Units	RL	PQL	Dil	Method	Anly Batch	Date Analyzed
Total Dissolved Solids	66		mg/L	5.0	5.0	1.0	160.1	660-4818	03/28/2005 1200

Client Sample ID: MWB11I(R)

Lab Sample ID: 660-844-10

Client Matrix: Water

Date Sampled: 03/22/2005 1026

Date Received: 03/23/2005 0930

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method	Anly Batch	Date Analyzed
Chloride	8.9		mg/L	0.90	1.0	1.0	325.2	660-3792	03/30/2005 1730
Nitrogen, Nitrate	0.010	U	mg/L	0.010	0.050	1.0	353.2	660-4820	03/24/2005 0744
									Date Prepared: 03/24/2005 0744
Ammonia	0.11		mg/L	0.040	0.050	1.0	350.1	660-3892	03/31/2005 1640

Analyte	Result	Qual	Units	RL	PQL	Dil	Method	Anly Batch	Date Analyzed
Total Dissolved Solids	34		mg/L	5.0	5.0	1.0	160.1	660-4818	03/28/2005 1200

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

General Chemistry

Client Sample ID: MWB21S

Lab Sample ID: 660-844-11

Date Sampled: 03/22/2005 1051

Client Matrix: Water

Date Received: 03/23/2005 0930

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method	Anly Batch	Date Analyzed
Chloride	6.9		mg/L	0.90	1.0	1.0	325.2	660-3792	03/30/2005 1730
Nitrogen, Nitrate	0.010	U	mg/L	0.010	0.050	1.0	353.2	660-4820	03/24/2005 0744
								Date Prepared: 03/24/2005 0744	
Ammonia	0.055		mg/L	0.040	0.050	1.0	350.1	660-3892	03/31/2005 1640

Analyte	Result	Qual	Units	RL	PQL	Dil	Method	Anly Batch	Date Analyzed
Total Dissolved Solids	12		mg/L	5.0	5.0	1.0	160.1	660-4818	03/28/2005 1200

Client Sample ID: MWB12I

Lab Sample ID: 660-844-12

Date Sampled: 03/22/2005 1141

Client Matrix: Water

Date Received: 03/23/2005 0930

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method	Anly Batch	Date Analyzed
Chloride	5.7		mg/L	0.90	1.0	1.0	325.2	660-3792	03/30/2005 1730
Nitrogen, Nitrate	0.010	U	mg/L	0.010	0.050	1.0	353.2	660-4820	03/24/2005 0744
								Date Prepared: 03/24/2005 0744	
Ammonia	0.040	U	mg/L	0.040	0.050	1.0	350.1	660-3892	03/31/2005 1640

Analyte	Result	Qual	Units	RL	PQL	Dil	Method	Anly Batch	Date Analyzed
Total Dissolved Solids	16		mg/L	5.0	5.0	1.0	160.1	660-4818	03/28/2005 1200

Analytical Data

Client: HDR, Inc.

Job Number: 660-844.1

General Chemistry

Client Sample ID: MWB12D

Lab Sample ID: 660-844-13

Date Sampled: 03/22/2005 1159

Client Matrix: Water

Date Received: 03/23/2005 0930

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method	Anly Batch	Date Analyzed
Chloride	4.8		mg/L	0.90	1.0	1.0	325.2	660-3792	03/30/2005 1730
Nitrogen, Nitrate	0.010	U	mg/L	0.010	0.050	1.0	353.2	660-4820	03/24/2005 0744
								Date Prepared:	03/24/2005 0744
Ammonia	0.14		mg/L	0.040	0.050	1.0	350.1	660-3892	03/31/2005 1640

Analyte	Result	Qual	Units	RL	PQL	Dil	Method	Anly Batch	Date Analyzed
Total Dissolved Solids	170		mg/L	5.0	5.0	1.0	160.1	660-4818	03/28/2005 1200

Client Sample ID: MWB12S

Lab Sample ID: 660-844-14

Date Sampled: 03/22/2005 1218

Client Matrix: Water

Date Received: 03/23/2005 0930

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method	Anly Batch	Date Analyzed
Chloride	5.8		mg/L	0.90	1.0	1.0	325.2	660-3792	03/30/2005 1730
Nitrogen, Nitrate	0.010	U	mg/L	0.010	0.050	1.0	353.2	660-4820	03/24/2005 0744
								Date Prepared:	03/24/2005 0744
Ammonia	0.37		mg/L	0.040	0.050	1.0	350.1	660-3892	03/31/2005 1640

Analyte	Result	Qual	Units	RL	PQL	Dil	Method	Anly Batch	Date Analyzed
Total Dissolved Solids	54		mg/L	5.0	5.0	1.0	160.1	660-4818	03/28/2005 1200

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-844.1

General Chemistry

Client Sample ID: MWB22S

Lab Sample ID: 660-844-15

Client Matrix: Water

Date Sampled: 03/22/2005 1253

Date Received: 03/23/2005 0930

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method	Anly Batch	Date Analyzed
Chloride	13		mg/L	0.90	1.0	1.0	325.2	660-3792	03/30/2005 1730
Nitrogen, Nitrate	0.010	U	mg/L	0.010	0.050	1.0	353.2	660-4820	03/24/2005 0744
Ammonia	0.16		mg/L	0.040	0.050	1.0	350.1	660-3892	03/31/2005 1640

Analyte	Result	Qual	Units	RL	PQL	Dil	Method	Anly Batch	Date Analyzed
Total Dissolved Solids	98		mg/L	5.0	5.0	1.0	160.1	660-4818	03/28/2005 1200

Client Sample ID: DUP02

Lab Sample ID: 660-844-16

Client Matrix: Water

Date Sampled: 03/22/2005 1253

Date Received: 03/23/2005 0930

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method	Anly Batch	Date Analyzed
Chloride	12		mg/L	0.90	1.0	1.0	325.2	660-3792	03/30/2005 1730
Nitrogen, Nitrate	0.010	U	mg/L	0.010	0.050	1.0	353.2	660-4820	03/24/2005 0744
Ammonia	0.16		mg/L	0.040	0.050	1.0	350.1	660-3892	03/31/2005 1640

Analyte	Result	Qual	Units	RL	PQL	Dil	Method	Anly Batch	Date Analyzed
Total Dissolved Solids	94		mg/L	5.0	5.0	1.0	160.1	660-4818	03/28/2005 1200

DATA REPORTING QUALIFIERS

Client: HDR, Inc.

Job Number: 660-844.1

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

Quality Control Results

Client: HDR, Inc.

Job Number: 660-844.1

8260B Volatile Organic Compounds by GC/MS

Method Blank - Batch: 660-3775

Lab ID: MB 660-3775/3

Date Analyzed: 03/30/2005 0138

Dilution: 1.0

Matrix: Water

Units: ug/L

Analyte	Result	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	10
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-Dichloroethylene	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	0.83	U	0.83	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
methyl isobutyl ketone	3.8	U	3.8	10
Methylene Chloride	1.0	U	1.0	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
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

**STL****Quality Control Results**

Client: HDR, Inc.

Job Number: 660-844.1

8260B Volatile Organic Compounds by GC/MS**Laboratory Control Sample/ Control Duplicate - Batch: 660-3775**

LCS Lab ID: LCS 660-3775/1

Date Analyzed: 03/30/2005 0050

Dilution: 1.0

LCSD Lab ID: LCSD 660-3775/2

Date Analyzed: 03/30/2005 0114

Dilution: 1.0

Matrix: Water

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Benzene	91	98	62 - 135	7	37	
Chlorobenzene	88	100	72 - 127	13	22	
1,1-Dichloroethylene	92	100	46 - 147	9	30	
Toluene	84	90	68 - 131	7	33	
Trichloroethene	90	99	56 - 143	10	35	

Matrix Spike/Spike Duplicate - Batch: 660-3775

MS Lab ID: 660-890-E-2 MS

Date Analyzed: 03/30/2005 1002

Dilution: 1.0

MSD Lab ID: 660-890-E-2 MSD

Date Analyzed: 03/30/2005 1026

Dilution: 1.0

Matrix: Water

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	MS	MSD				
Benzene	92	95	62 - 135	3	37	
Chlorobenzene	88	97	72 - 127	10	22	
1,1-Dichloroethylene	97	94	46 - 147	3	30	
Toluene	88	104	68 - 131	16	33	
Trichloroethene	95	96	56 - 143	1	35	

Calculations are performed before rounding to avoid round-off errors in calculated results.

**STL****Quality Control Results**

Client: HDR, Inc.

Job Number: 660-844.1

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography**Method Blank - Batch: 660-3722**Lab ID: MB 660-3722/1-A
Matrix: WaterDate Analyzed: 03/29/2005 2150
Units: ug/L

Dilution: 1.0

Analyte	Result	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0030	U	0.0030	0.020
Ethylene Dibromide	0.0088	U	0.0088	0.020

Laboratory Control Sample/ Control Duplicate - Batch: 660-3722LCS Lab ID: LCS 660-3722/2-A
LCSD Lab ID: LCSD 660-3722/3-A
Matrix: WaterDate Analyzed: 03/29/2005 2211
Date Analyzed: 03/29/2005 2232Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
1,2-Dibromo-3-Chloropropane	81	89	70 - 130	9	30	
Ethylene Dibromide	114	113	70 - 130	2	30	

Matrix Spike/Spike Duplicate - Batch: 660-3722MS Lab ID: 660-844-J-2-A MS
MSD Lab ID: 660-844-I-2-A MSD
Matrix: WaterDate Analyzed: 03/29/2005 2335
Date Analyzed: 03/29/2005 2356Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	MS	MSD				
1,2-Dibromo-3-Chloropropane	77	84	70 - 130	13	30	
Ethylene Dibromide	98	99	70 - 130	6	30	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: HDR, Inc.

Job Number: 660-844.1

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method Blank - Batch: 660-3465

Lab ID: MB 660-3465/1-A
Matrix: Water

Date Analyzed: 03/31/2005 0803
Units: mg/L

Dilution: 1.0

Analyte	Result	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.0038	U	0.0038	0.010
Barium	0.0012	U	0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00071	U	0.00071	0.0050
Cobalt	0.0014	U	0.0014	0.010
Chromium	0.0017	U	0.0017	0.010
Copper	0.0013	U	0.0013	0.020
Iron	0.037	U	0.037	0.050
Sodium	0.15	U	0.15	0.50
Nickel	0.0047	U	0.0047	0.040
Antimony	0.0029	U	0.0029	0.0060
Lead	0.0015	U	0.0015	0.0050
Selenium	0.0048	U	0.0048	0.010
Vanadium	0.0025	U	0.0025	0.010
Zinc	0.0059	U	0.0059	0.020

Laboratory Control Sample/ Control Duplicate - Batch: 660-3465

LCS Lab ID: LCS 660-3465/2-A
LCSD Lab ID: LCSD 660-3465/3-A
Matrix: Water

Date Analyzed: 03/31/2005 0809
Date Analyzed: 03/31/2005 0816

Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Silver	101	102	85 - 115	0	20	
Arsenic	100	99	85 - 115	1	20	
Barium	101	100	85 - 115	1	20	
Beryllium	104	104	85 - 115	0	20	
Cadmium	103	103	85 - 115	0	20	
Cobalt	99	100	85 - 115	1	20	
Chromium	102	103	85 - 115	1	20	
Copper	103	103	85 - 115	0	20	
Iron	100	103	85 - 115	3	20	
Sodium	96	98	85 - 115	2	20	
Nickel	101	101	85 - 115	0	20	
Antimony	98	98	85 - 115	0	20	
Lead	103	103	85 - 115	0	20	
Selenium	103	102	85 - 115	1	20	
Vanadium	103	103	85 - 115	1	20	
Zinc	105	107	85 - 115	2	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: HDR, Inc.

Job Number: 660-844.1

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Matrix Spike/Spike Duplicate - Batch: 660-3465

MS Lab ID: 660-855-E-2-A MS*R

Date Analyzed: 03/31/2005 0834

Dilution: 1.0

MSD Lab ID: 660-855-E-2-A MSD*R

Date Analyzed: 03/31/2005 0840

Dilution: 1.0

Matrix: Water

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	MS	MSD				
Silver	102	103	85 - 115	1	20	
Arsenic	99	102	85 - 115	2	20	
Barium	101	102	85 - 115	1	20	
Beryllium	102	104	85 - 115	2	20	
Cadmium	99	101	85 - 115	3	20	
Cobalt	97	99	85 - 115	3	20	
Chromium	99	102	85 - 115	3	20	
Copper	107	107	85 - 115	1	20	
Iron	102	106	85 - 115	3	20	
Sodium	103	121	85 - 115	2	20	
Nickel	98	100	85 - 115	2	20	
Antimony	99	100	85 - 115	2	20	
Lead	99	101	85 - 115	3	20	
Selenium	103	104	85 - 115	2	20	
Vanadium	102	104	85 - 115	2	20	
Zinc	99	102	85 - 115	3	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: HDR, Inc.

Job Number: 660-844.1

200.8 ICPMS Metals by 200.8

Method Blank - Batch: 680-5544

Lab ID: MB 680-5544/17-B
Matrix: Water

Date Analyzed: 04/01/2005 2051
Units: ug/L

Dilution: 1.0

Analyte	Result	Qualifier	MDL	PQL
Thallium	0.22	IV	0.20	1.0

Laboratory Control Sample/ Control Duplicate - Batch: 680-5544

LCS Lab ID: LCS 680-5544/18-B
LCSD Lab ID: LCSD 680-5544/19-B
Matrix: Water

Date Analyzed: 04/01/2005 2058
Date Analyzed: 04/01/2005 2106

Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Thallium	90	91	85 - 115	1	20	

Matrix Spike/Spike Duplicate - Batch: 680-5544

MS Lab ID: 660-844-D-1-B MS
MSD Lab ID: 660-844-D-1-B MSD
Matrix: Water

Date Analyzed: 04/01/2005 2135
Date Analyzed: 04/01/2005 2142

Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	MS	MSD				
Thallium	92	95	70 - 130	4	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

**STL****Quality Control Results**

Client: HDR, Inc.

Job Number: 660-844.1

200.8 ICPMS Metals by 200.8 CWA-Dissolved**Method Blank - Batch: 680-5776**Lab ID: MB 680-5776/21-A
Matrix: WaterDate Analyzed: 04/02/2005 1804
Units: ug/L

Dilution: 1.0

Analyte	Result	Qualifier	MDL	PQL
Thallium	0.25	U	0.25	1.0

Laboratory Control Sample/ Control Duplicate - Batch: 680-5776LCS Lab ID: LCS 680-5776/22-A
LCSD Lab ID: LCSD 680-5776/23-A
Matrix: WaterDate Analyzed: 04/02/2005 1811
Date Analyzed: 04/02/2005 1818Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Thallium	101	98	85 - 115	3	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

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STL

Quality Control Results

Client: HDR, Inc.

Job Number: 660-844.1

245.1 Mercury in Water by CVAA

Method Blank - Batch: 660-3615

Lab ID: MB 660-3615/1-A
Matrix: Water

Date Analyzed: 03/29/2005 1631
Units: mg/L

Dilution: 1.0

Analyte	Result	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

Laboratory Control Sample/ Control Duplicate - Batch: 660-3615

LCS Lab ID: LCS 660-3615/2-A
LCSD Lab ID: LCSD 660-3615/3-A
Matrix: Water

Date Analyzed: 03/29/2005 1633
Date Analyzed: 03/29/2005 1634

Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Mercury	98	98	80 - 120	0	20	

Matrix Spike/Spike Duplicate - Batch: 660-3615

MS Lab ID: 660-844-C-1-A MS
MSD Lab ID: 660-844-C-1-A MSD
Matrix: Water

Date Analyzed: 03/29/2005 1639
Date Analyzed: 03/29/2005 1642

Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	MS	MSD				
Mercury	99	100	80 - 120	2	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: HDR, Inc.

Job Number: 660-844.1

160.1 Residue, Filterable, Gravimetric, Dried at 180°C (TDS)

Method Blank - Batch: 660-4818

Lab ID: MB 660-4818/1
Matrix: Water

Date Analyzed: 03/28/2005 1200
Units: mg/L

Dilution: 1.0

Analyte	Result	Qualifier	RL	PQL
Total Dissolved Solids	5.0	U	5.0	5.0

Laboratory Control Sample/ Control Duplicate - Batch: 660-4818

LCS Lab ID: LCS 660-4818/2
LCSD Lab ID: LCSD 660-4818/3
Matrix: Water

Date Analyzed: 03/28/2005 1200
Date Analyzed: 03/28/2005 1200

Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
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, Inc.

Job Number: 660-844.1

325.2 Chloride (Colorimetric, Automated Ferricyanide, AAI)**Method Blank - Batch: 660-3792**

Lab ID: MB 660-3792/1

Date Analyzed: 03/30/2005 1730

Dilution: 1.0

Matrix: Water

Units: mg/L

Analyte	Result	Qualifier	MDL	PQL
Chloride	0.90	U	0.90	1.0

Laboratory Control Sample/ Control Duplicate - Batch: 660-3792

LCS Lab ID: LCS 660-3792/2

Date Analyzed: 03/30/2005 1730

Dilution: 1.0

LCSD Lab ID: LCSD 660-3792/3

Date Analyzed: 03/30/2005 1730

Dilution: 1.0

Matrix: Water

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Chloride	101	103	90 - 110	2	30	

Matrix Spike/Spike Duplicate - Batch: 660-3792

MS Lab ID: 660-844-A-1 MS

Date Analyzed: 03/30/2005 1730

Dilution: 1.0

MSD Lab ID: 660-844-A-1 MSD

Date Analyzed: 03/30/2005 1730

Dilution: 1.0

Matrix: Water

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	MS	MSD				
Chloride	102	100	90 - 110	2	30	

Calculations are performed before rounding to avoid round-off errors in calculated results.

**STL****Quality Control Results**

Client: HDR, Inc.

Job Number: 660-844.1

350.1 Nitrogen (Ammonia, Colorimetric, Automated Phenate)**Method Blank - Batch: 660-3892**Lab ID: MB 660-3892/1
Matrix: WaterDate Analyzed: 03/31/2005 1640
Units: mg/L

Dilution: 1.0

Analyte	Result	Qualifier	MDL	PQL
Ammonia	0.040	U	0.040	0.050

Laboratory Control Sample/ Control Duplicate - Batch: 660-3892LCS Lab ID: LCS 660-3892/2
LCSD Lab ID: LCSD 660-3892/3
Matrix: WaterDate Analyzed: 03/31/2005 1640
Date Analyzed: 03/31/2005 1640Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Ammonia	102	100	85 - 115	1	30	

Matrix Spike/Spike Duplicate - Batch: 660-3892MS Lab ID: 660-844-B-1 MS
MSD Lab ID: 660-844-B-1 MSD
Matrix: WaterDate Analyzed: 03/31/2005 1640
Date Analyzed: 03/31/2005 1640Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	MS	MSD				
Ammonia	98	102	85 - 115	3	30	

Calculations are performed before rounding to avoid round-off errors in calculated results.

**STL****Quality Control Results**

Client: HDR, Inc.

Job Number: 660-844.1

353.2 Nitrogen, Nitrate-Nitrite (Colorimetric, Automated, Cadmium Reduction)**Method Blank - Batch: 660-4820**

Lab ID: MB 660-4820/1

Date Analyzed: 03/24/2005 0744

Dilution: 1.0

Matrix: Water

Units: mg/L

Analyte	Result	Qualifier	MDL	PQL
Nitrogen, Nitrate	0.010	U	0.010	0.050

Laboratory Control Sample/ Control Duplicate - Batch: 660-4820

LCS Lab ID: LCS 660-4820/2

Date Analyzed: 03/24/2005 0744

Dilution: 1.0

LCSD Lab ID: LCSD 660-4820/3

Date Analyzed: 03/24/2005 0744

Dilution: 1.0

Matrix: Water

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Nitrogen, Nitrate	108	107	80 - 120	1	30	

Calculations are performed before rounding to avoid round-off errors in calculated results.

STL Tampa

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 TRAIL RIDGE	PROJECT NO.	PROJECT LOCATION (STATE) FL	MATRIX TYPE	REQUIRED ANALYSIS										PAGE 1 OF 2
SAMPLER'S SIGNATURE <i>[Signature]</i>	P.O. NUMBER	CONTRACT NO.	COMPOSITE (C) OR GRAB (G) INDICATE AQUEOUS (WATER) SOLID OR SEMISOLID AIR NONAQUEOUS LIQUID (OIL, SOLVENT,...)	C, NO ₃ , TO ₅	NH ₃	APPT METALS TO Hg, Ni, Pb	APPT 8260	APPT 503	THALLIUM	DISSOLVED METALS				STANDARD REPORT DELIVERY
CLIENT (SITE) PM AL BURSON	CLIENT PHONE	CLIENT FAX												DATE DUE
CLIENT NAME TRAIL RIDGE	CLIENT E-MAIL													EXPEDITED REPORT DELIVERY (SURCHARGE)
CLIENT ADDRESS				1 H₂O, HNO₃, HCL, HCL, HNO₃, HNO₃										DATE DUE
COMPANY CONTRACTING THIS WORK (if applicable)				NUMBER OF COOLERS SUBMITTED PER SHIPMENT:										

SAMPLE		SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT,...)	NUMBER OF CONTAINERS SUBMITTED										REMARKS
DATE	TIME																	
3-22	0739	MWB19S	G	✓				1	1	1	3	3	1					
3-22	0803	MWB19D	G	✓				1	1	1	3	3	1					
3-22	0817	MWB19I	G	✓				1	1	1	3	3	1	1				
3-22	0845	MWB7S	G	✓				1	1	1	3	3	1					
3-22	0906	MWB7D	G	✓				1	1	1	3	3	1					
3-22	0924	MWB7I	G	✓				1	1	1	3	3	1					
3-22	0945	MWB20S	G	✓				1	1	1	3	3	1					
3-22	0945	DUP01	G	✓				1	1	1	3	3	1					
3-22	1008	MWB11S	G	✓				1	1	1	3	3	1					
3-22	1026	MWB11I(R)	G	✓				1	1	1	3	3	1	1				
3-22	1051	MWB21S	G	✓				1	1	1	3	3	1					
3-22	1141	MWB12I	G	✓				1	1	1	3	3	1					

RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE 3/18/05	TIME 1530	RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE 3-22-05	TIME 1930	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

LABORATORY USE ONLY							
RECEIVED FOR LABORATORY BY: (SIGNATURE) <i>[Signature]</i>	DATE 3-23-05	TIME 1025	CUSTODY INTACT YES ☐ NO ☐	CUSTODY SEAL NO.	STL TAMPA LOG NO. 660-844	LABORATORY REMARKS	

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:

[illegible]

**STL****STL Tampa** • 6712 Benjamin Road • Suite 100 • Tampa, FL 33634 • Tel 813 885 7427 • Fax 813 885 7049 • www.stl-inc.com**Case Narrative:** STL Project 660-902

Client: City of Jacksonville**Project:** Trail Ridge**Laboratory:** STL Tampa

Ten liquid samples and two Trip Blanks were received on March 24, 2005 and logged in as STL Project 660-902.

Total Dissolved Solids

Due to a laboratory error, the TDS analysis was not performed within the EPA recommended holding time. The following are samples from a past project that I could match the sample Ids.

Sample ID	Sampled 7.14.04		Sampled 3.24.05	
	TDS mg/l	CL mg/L	TDS mg/l	CL mg/l
MWB32D	110	6.6	100	4.0
MWB27S	70	7.5	72	5.0
MWB27I	76	6.1	56	4.5
MWB27D	76	6.1	80	4.5
MWB32S	160	21	60	5.0
MWB29S	48	5.6	34	3.5
MWB29I	62	6.1	40	3.0
MWB29D	78	6.6	74	5.0
MWB32I	86	5.6	72	3.5



STL

ANALYTICAL REPORT

Job Number: 660-902.1

Job Description: Semi-annual Phase V/Trail Ridge

For:

HDR, Inc.
200 W. Forsyth St., Suite 800
Jacksonville, FL 32202

Attention: Mr. Brad Stone

A handwritten signature in black ink, appearing to read "Nancy Robertson", written over a horizontal line.

Nancy Robertson
Project Manager I
nrobertson@stl-inc.com

04/29/2005

Methods: FDEP, 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 Laboratories, Inc.

STL Tampa 6712 Benjamin Road, Suite 100, Tampa, FL 33634
Tel 813-8857427 Fax 813-8857049 www.stl-inc.com

METHOD SUMMARY

Client: HDR, Inc.

Job Number: 660-902.1

Description	Method	Preparation Method
Matrix: Water		
Volatile Organic Compounds by GC/MS	SW846 8260B	
Purge-and-Trap		SW846 5030B
EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography	EPA-01 504.1	
EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography (		EPA-DW 504.1
ICP Metals by 200.7	EPA 200.7 Rev 4.4	
Total Recoverable Metals Digestion for 200.7		40CFR136A 200.7 Appx C
Sample Filtration performed in the Field		FIELD_FLTRD
ICPMS Metals by 200.8	EPA 200.8	
Total Metals Digestion for 200.8		MCAWW 4.3.1
Total Recoverable Metals for 200.8		MCAWW 4.1.4
Sample Filtration performed in the Field		FIELD_FLTRD
Mercury in Water by CVAA	EPA 245.1	
Digestion for CVAA Mercury in Waters		EPA 245.1
Sample Filtration performed in the Field		FIELD_FLTRD
Conductivity, Specific Conductance Field	MCAWW 120.1	
pH, Electrometric Field	MCAWW 150.1	
Temperature, Thermometric Field	MCAWW 170.1	
Turbidity, Nephelometric Field	MCAWW 180.1	
Oxygen (Dissolved, Membrane Electrode) Field	MCAWW 360.1	
Water Level, Field	FL-DEP Water Level	
Well Depth, Field	FL-DEP Well Depth	
Residue, Filterable, Gravimetric, Dried at 180°C (TDS)	MCAWW 160.1	
Chloride (Titrimetric, Mercuric Nitrate)	MCAWW 325.3	
Nitrogen (Ammonia, Colorimetric, Automated Phenate)	MCAWW 350.1	
Nitrogen, Nitrate-Nitrite (Colorimetric, Automated, Cadmium Reduction)	MCAWW 353.2	



STL

METHOD SUMMARY

Client: HDR, Inc.

Job Number: 660-902.1

Description	Method	Preparation Method
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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.

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

SAMPLE SUMMARY

Client: HDR, Inc.

Job Number: 660-902.1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
660-902-1	MWB27I	Water	03/23/2005 0749	03/24/2005 0845
660-902-2	MWB27S	Water	03/23/2005 0807	03/24/2005 0845
660-902-3	MWB27D	Water	03/23/2005 0833	03/24/2005 0845
660-902-4	MWB29I	Water	03/23/2005 0912	03/24/2005 0845
660-902-5	MWB29S	Water	03/23/2005 0929	03/24/2005 0845
660-902-6	MWB29D	Water	03/23/2005 0943	03/24/2005 0845
660-902-7	DUP03	Water	03/23/2005 0749	03/24/2005 0845
660-902-8	MWB32I	Water	03/23/2005 1046	03/24/2005 0845
660-902-9	MWB32D	Water	03/23/2005 1120	03/24/2005 0845
660-902-10	MWB32S	Water	03/23/2005 1102	03/24/2005 0845
660-902-11	TRIP BLANK	Water	03/23/2005 0749	03/24/2005 0845



STL

Analytical Data

Client: HDR, Inc.

Job Number: 660-902.1

Client Sample ID: MWB271

Lab Sample ID: 660-902-1

Client Matrix: Water

Date Sampled: 03/23/2005 0749

Date Received: 03/24/2005 0845

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 660-4051

Instrument ID: BVMH GC/MS

Preparation: 5030B

Lab File ID: 2HC3112.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 04/01/2005 0017

Final Weight/Volume: 5 mL

Date Prepared: 04/01/2005 0017

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	10
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-Dichloroethylene	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	0.83	U	0.83	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
methyl isobutyl ketone	3.8	U	3.8	10
Methylene Chloride	1.0	U	1.0	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

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**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-902.1

Client Sample ID: **MWB271**

Lab Sample ID: 660-902-1

Date Sampled: 03/23/2005 0749

Client Matrix: Water

Date Received: 03/24/2005 0845

8260B Volatile Organic Compounds by GC/MS (Continued)

Method: 8260B

Analysis Batch: 660-4051

Instrument ID: BVMH GC/MS

Preparation: 5030B

Lab File ID: 2HC3112.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 04/01/2005 0017

Final Weight/Volume: 5 mL

Date Prepared: 04/01/2005 0017

Analyte	Result (ug/L)	Qualifier	MDL	PQL
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
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0
Surrogate	%Rec		Acceptance Limits	
4-Bromofluorobenzene	90		74 - 126	
Dibromofluoromethane	97		70 - 130	
Toluene-d8	101		77 - 122	

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-902.1

Client Sample ID: **MWB27S**

Lab Sample ID: 660-902-2

Date Sampled: 03/23/2005 0807

Client Matrix: Water

Date Received: 03/24/2005 0845

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 04/01/2005 0036
Date Prepared: 04/01/2005 0036

Analysis Batch: 660-4051

Instrument ID: BVMH GC/MS

Lab File ID: 2HC3113.D

Initial Weight/Volume: 5 mL

Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	10
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-Dichloroethylene	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	0.83	U	0.83	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
methyl isobutyl ketone	3.8	U	3.8	10
Methylene Chloride	1.0	U	1.0	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

STL Tampa

Analytical Data

Client: HDR, Inc.

Job Number: 660-902.1

Client Sample ID: **MWB27S**

Lab Sample ID: 660-902-2

Date Sampled: 03/23/2005 0807

Client Matrix: Water

Date Received: 03/24/2005 0845

8260B Volatile Organic Compounds by GC/MS (Continued)

Method:	8260B	Analysis Batch:	660-4051	Instrument ID:	BVMH GC/MS
Preparation:	5030B			Lab File ID:	2HC3113.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	04/01/2005 0036			Final Weight/Volume:	5 mL
Date Prepared:	04/01/2005 0036				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
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
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	91	74 - 126
Dibromofluoromethane	98	70 - 130
Toluene-d8	99	77 - 122

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-902.1

Client Sample ID: **MWB27D**

Lab Sample ID: 660-902-3

Date Sampled: 03/23/2005 0833

Client Matrix: Water

Date Received: 03/24/2005 0845

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 04/01/2005 0056
Date Prepared: 04/01/2005 0056

Analysis Batch: 660-4051

Instrument ID: BVMH GC/MS
Lab File ID: 2HC3114.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	10
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-Dichloroethylene	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	0.83	U	0.83	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
methyl isobutyl ketone	3.8	U	3.8	10
Methylene Chloride	1.0	U	1.0	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

STL Tampa

Analytical Data

Client: HDR, Inc.

Job Number: 660-902.1

Client Sample ID: MWB27D

Lab Sample ID: 660-902-3

Client Matrix: Water

Date Sampled: 03/23/2005 0833

Date Received: 03/24/2005 0845

8260B Volatile Organic Compounds by GC/MS (Continued)

Method: 8260B Analysis Batch: 660-4051 Instrument ID: BVMH GC/MS
Preparation: 5030B Lab File ID: 2HC3114.D
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 04/01/2005 0056 Final Weight/Volume: 5 mL
Date Prepared: 04/01/2005 0056

Analyte	Result (ug/L)	Qualifier	MDL	PQL
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
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	84	74 - 126
Dibromofluoromethane	95	70 - 130
Toluene-d8	102	77 - 122

Analytical Data

Client: HDR, Inc.

Job Number: 660-902.1

Client Sample ID: **MWB29I**

Lab Sample ID: 660-902-4

Client Matrix: Water

Date Sampled: 03/23/2005 0912

Date Received: 03/24/2005 0845

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 660-4051

Instrument ID: BVMH GC/MS

Preparation: 5030B

Lab File ID: 2HC3115.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 04/01/2005 0115

Final Weight/Volume: 5 mL

Date Prepared: 04/01/2005 0115

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	10
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-Dichloroethylene	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	0.83	U	0.83	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
methyl isobutyl ketone	3.8	U	3.8	10
Methylene Chloride	1.0	U	1.0	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

STL Tampa

Analytical Data

Client: HDR, Inc.

Job Number: 660-902.1

Client Sample ID: MWB29I

Lab Sample ID: 660-902-4

Client Matrix: Water

Date Sampled: 03/23/2005 0912

Date Received: 03/24/2005 0845

8260B Volatile Organic Compounds by GC/MS (Continued)

Method: 8260B

Analysis Batch: 660-4051

Instrument ID: BVMH GC/MS

Preparation: 5030B

Lab File ID: 2HC3115.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 04/01/2005 0115

Final Weight/Volume: 5 mL

Date Prepared: 04/01/2005 0115

Analyte	Result (ug/L)	Qualifier	MDL	PQL
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
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	90	74 - 126
Dibromofluoromethane	93	70 - 130
Toluene-d8	96	77 - 122

Analytical Data

Client: HDR, Inc.

Job Number: 660-902.1

Client Sample ID: **MWB29S**

Lab Sample ID: 660-902-5

Client Matrix: Water

Date Sampled: 03/23/2005 0929

Date Received: 03/24/2005 0845

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 660-4051

Instrument ID: BVMH GC/MS

Preparation: 5030B

Lab File ID: 2HC3116.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 04/01/2005 0135

Final Weight/Volume: 5 mL

Date Prepared: 04/01/2005 0135

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	10
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-Dichloroethylene	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	0.83	U	0.83	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
methyl isobutyl ketone	3.8	U	3.8	10
Methylene Chloride	1.0	U	1.0	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

STL Tampa

Analytical Data

Client: HDR, Inc.

Job Number: 660-902.1

Client Sample ID: **MWB29S**

Lab Sample ID: 660-902-5

Date Sampled: 03/23/2005 0929

Client Matrix: Water

Date Received: 03/24/2005 0845

8260B Volatile Organic Compounds by GC/MS (Continued)

Method:	8260B	Analysis Batch:	660-4051	Instrument ID:	BVMH GC/MS
Preparation:	5030B			Lab File ID:	2HC3116.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	04/01/2005 0135			Final Weight/Volume:	5 mL
Date Prepared:	04/01/2005 0135				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
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
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	87	74 - 126
Dibromofluoromethane	100	70 - 130
Toluene-d8	98	77 - 122

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-902.1

Client Sample ID: **MWB29D**

Lab Sample ID: 660-902-6

Client Matrix: Water

Date Sampled: 03/23/2005 0943

Date Received: 03/24/2005 0845

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 04/01/2005 0154
Date Prepared: 04/01/2005 0154

Analysis Batch: 660-4051

Instrument ID: BVMH GC/MS
Lab File ID: 2HC3117.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	10
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-Dichloroethylene	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	0.83	U	0.83	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
methyl isobutyl ketone	3.8	U	3.8	10
Methylene Chloride	1.0	U	1.0	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

STL Tampa

Analytical Data

Client: HDR, Inc.

Job Number: 660-902.1

Client Sample ID: **MWB29D**

Lab Sample ID: 660-902-6

Date Sampled: 03/23/2005 0943

Client Matrix: Water

Date Received: 03/24/2005 0845

8260B Volatile Organic Compounds by GC/MS (Continued)

Method: 8260B

Analysis Batch: 660-4051

Instrument ID: BVMH GC/MS

Preparation: 5030B

Lab File ID: 2HC3117.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 04/01/2005 0154

Final Weight/Volume: 5 mL

Date Prepared: 04/01/2005 0154

Analyte	Result (ug/L)	Qualifier	MDL	PQL
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
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0
Surrogate	%Rec	Acceptance Limits		
4-Bromofluorobenzene	86	74 - 126		
Dibromofluoromethane	95	70 - 130		
Toluene-d8	96	77 - 122		

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-902.1

Client Sample ID: **DUP03**

Lab Sample ID: 660-902-7

Date Sampled: 03/23/2005 0749

Client Matrix: Water

Date Received: 03/24/2005 0845

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 04/01/2005 0213
Date Prepared: 04/01/2005 0213

Analysis Batch: 660-4051

Instrument ID: BVMH GC/MS
Lab File ID: 2HC3118.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	10
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-Dichloroethylene	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	0.83	U	0.83	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
methyl isobutyl ketone	3.8	U	3.8	10
Methylene Chloride	1.0	U	1.0	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

STL Tampa

Analytical Data

Client: HDR, Inc.

Job Number: 660-902.1

Client Sample ID: DUP03

Lab Sample ID: 660-902-7

Date Sampled: 03/23/2005 0749

Client Matrix: Water

Date Received: 03/24/2005 0845

8260B Volatile Organic Compounds by GC/MS (Continued)

Method:	8260B	Analysis Batch:	660-4051	Instrument ID:	BVMH GC/MS
Preparation:	5030B			Lab File ID:	2HC3118.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	04/01/2005 0213			Final Weight/Volume:	5 mL
Date Prepared:	04/01/2005 0213				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
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
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	82	74 - 126
Dibromofluoromethane	100	70 - 130
Toluene-d8	99	77 - 122

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-902.1

Client Sample ID: **MWB321**

Lab Sample ID: 660-902-8

Date Sampled: 03/23/2005 1046

Client Matrix: Water

Date Received: 03/24/2005 0845

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 04/01/2005 0232
Date Prepared: 04/01/2005 0232

Analysis Batch: 660-4051

Instrument ID: BVMH GC/MS

Lab File ID: 2HC3119.D

Initial Weight/Volume: 5 mL

Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	10
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-Dichloroethylene	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	0.83	U	0.83	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
methyl isobutyl ketone	3.8	U	3.8	10
Methylene Chloride	1.0	U	1.0	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

STL Tampa

Analytical Data

Client: HDR, Inc.

Job Number: 660-902.1

Client Sample ID: MWB32I

Lab Sample ID: 660-902-8

Client Matrix: Water

Date Sampled: 03/23/2005 1046

Date Received: 03/24/2005 0845

8260B Volatile Organic Compounds by GC/MS (Continued)

Method:	8260B	Analysis Batch:	660-4051	Instrument ID:	BVMH GC/MS
Preparation:	5030B			Lab File ID:	2HC3119.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	04/01/2005 0232			Final Weight/Volume:	5 mL
Date Prepared:	04/01/2005 0232				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
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
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	86	74 - 126
Dibromofluoromethane	98	70 - 130
Toluene-d8	97	77 - 122

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-902.1

Client Sample ID: **MWB32D**

Lab Sample ID: 660-902-9

Date Sampled: 03/23/2005 1120

Client Matrix: Water

Date Received: 03/24/2005 0845

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 04/01/2005 0251
Date Prepared: 04/01/2005 0251

Analysis Batch: 660-4051

Instrument ID: BVMH GC/MS
Lab File ID: 2HC3120.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	10
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-Dichloroethylene	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	0.83	U	0.83	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
methyl isobutyl ketone	3.8	U	3.8	10
Methylene Chloride	1.0	U	1.0	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

STL Tampa

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-902.1

Client Sample ID: MWB32D

Lab Sample ID: 660-902-9

Date Sampled: 03/23/2005 1120

Client Matrix: Water

Date Received: 03/24/2005 0845

8260B Volatile Organic Compounds by GC/MS (Continued)

Method: 8260B

Analysis Batch: 660-4051

Instrument ID: BVMH GC/MS

Preparation: 5030B

Lab File ID: 2HC3120.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 04/01/2005 0251

Final Weight/Volume: 5 mL

Date Prepared: 04/01/2005 0251

Analyte	Result (ug/L)	Qualifier	MDL	PQL
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
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	87	74 - 126
Dibromofluoromethane	94	70 - 130
Toluene-d8	97	77 - 122

Analytical Data

Client: HDR, Inc.

Job Number: 660-902.1

Client Sample ID: MWB32S

Lab Sample ID: 660-902-10

Client Matrix: Water

Date Sampled: 03/23/2005 1102

Date Received: 03/24/2005 0845

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 660-4051

Instrument ID: BVMH GC/MS

Preparation: 5030B

Lab File ID: 2HC3121.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 04/01/2005 0310

Final Weight/Volume: 5 mL

Date Prepared: 04/01/2005 0310

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	10
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-Dichloroethylene	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	0.83	U	0.83	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
methyl isobutyl ketone	3.8	U	3.8	10
Methylene Chloride	1.0	U	1.0	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

Analytical Data

Client: HDR, Inc.

Job Number: 660-902.1

Client Sample ID: MWB32S

Lab Sample ID: 660-902-10

Client Matrix: Water

Date Sampled: 03/23/2005 1102

Date Received: 03/24/2005 0845

8260B Volatile Organic Compounds by GC/MS (Continued)

Method: 8260B

Analysis Batch: 660-4051

Instrument ID: BVMH GC/MS

Preparation: 5030B

Lab File ID: 2HC3121.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 04/01/2005 0310

Final Weight/Volume: 5 mL

Date Prepared: 04/01/2005 0310

Analyte	Result (ug/L)	Qualifier	MDL	PQL
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
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	85	74 - 126
Dibromofluoromethane	96	70 - 130
Toluene-d8	99	77 - 122

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-902.1

Client Sample ID: **TRIP BLANK**

Lab Sample ID: 660-902-11

Date Sampled: 03/23/2005 0749

Client Matrix: Water

Date Received: 03/24/2005 0845

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 660-4051

Instrument ID: BVMH GC/MS

Preparation: 5030B

Lab File ID: 2HC3111.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 03/31/2005 2358

Final Weight/Volume: 5 mL

Date Prepared: 03/31/2005 2358

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	10
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-Dichloroethylene	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	0.83	U	0.83	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
methyl isobutyl ketone	3.8	U	3.8	10
Methylene Chloride	1.0	U	1.0	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

STL Tampa

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-902.1

Client Sample ID: **TRIP BLANK**

Lab Sample ID: 660-902-11

Date Sampled: 03/23/2005 0749

Client Matrix: Water

Date Received: 03/24/2005 0845

8260B Volatile Organic Compounds by GC/MS (Continued)

Method: 8260B

Analysis Batch: 660-4051

Instrument ID: BVMH GC/MS

Preparation: 5030B

Lab File ID: 2HC3111.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 03/31/2005 2358

Final Weight/Volume: 5 mL

Date Prepared: 03/31/2005 2358

Analyte	Result (ug/L)	Qualifier	MDL	PQL
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
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	83	74 - 126
Dibromofluoromethane	96	70 - 130
Toluene-d8	94	77 - 122



STL

Analytical Data

Client: HDR, Inc.

Job Number: 660-902.1

Client Sample ID: MWB271

Lab Sample ID: 660-902-1

Client Matrix: Water

Date Sampled: 03/23/2005 0749

Date Received: 03/24/2005 0845

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1

Analysis Batch: 660-3876

Instrument ID: HP 5890 Series II ECD1/2

Preparation: 504.1

Prep Batch: 660-3856

Lab File ID: 1C30S022.D

Dilution: 1.0

Initial Weight/Volume: 33.8834 g

Date Analyzed: 03/31/2005 0238

Final Weight/Volume: 3 mL

Date Prepared: 03/30/2005 1850

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



STL

Analytical Data

Client: HDR, Inc.

Job Number: 660-902.1

Client Sample ID: MWB27S

Lab Sample ID: 660-902-2

Client Matrix: Water

Date Sampled: 03/23/2005 0807

Date Received: 03/24/2005 0845

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1

Analysis Batch: 660-3876

Instrument ID: HP 5890 Series II ECD1/2

Preparation: 504.1

Prep Batch: 660-3856

Lab File ID: 1C30S020.D

Dilution: 1.0

Initial Weight/Volume: 33.7520 g

Date Analyzed: 03/31/2005 0156

Final Weight/Volume: 3 mL

Date Prepared: 03/30/2005 1850

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

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-902.1

Client Sample ID: **MWB27D**

Lab Sample ID: 660-902-3

Date Sampled: 03/23/2005 0833

Client Matrix: Water

Date Received: 03/24/2005 0845

504.1 EDB, DBCP, and 123TCP In Water by Microextraction and Gas Chromatography

Method: 504.1

Analysis Batch: 660-3876

Instrument ID: HP 5890 Series II ECD1/2

Preparation: 504.1

Prep Batch: 660-3856

Lab File ID: 1C30S024.D

Dilution: 1.0

Initial Weight/Volume: 34.2569 g

Date Analyzed: 03/31/2005 0320

Final Weight/Volume: 3 mL

Date Prepared: 03/30/2005 1850

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



STL

Analytical Data

Client: HDR, Inc.

Job Number: 660-902.1

Client Sample ID: **MWB29I**

Lab Sample ID: 660-902-4

Client Matrix: Water

Date Sampled: 03/23/2005 0912

Date Received: 03/24/2005 0845

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1

Analysis Batch: 660-3876

Instrument ID: HP 5890 Series II ECD1/2

Preparation: 504.1

Prep Batch: 660-3856

Lab File ID: 1C30S025.D

Dilution: 1.0

Initial Weight/Volume: 34.8275 g

Date Analyzed: 03/31/2005 0341

Final Weight/Volume: 3 mL

Date Prepared: 03/30/2005 1850

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

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-902.1

Client Sample ID: **MWB29S**

Lab Sample ID: 660-902-5

Date Sampled: 03/23/2005 0929

Client Matrix: Water

Date Received: 03/24/2005 0845

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1

Analysis Batch: 660-3876

Instrument ID: HP 5890 Series II ECD1/2

Preparation: 504.1

Prep Batch: 660-3856

Lab File ID: 1C30S026.D

Dilution: 1.0

Initial Weight/Volume: 34.4340 g

Date Analyzed: 03/31/2005 0402

Final Weight/Volume: 3 mL

Date Prepared: 03/30/2005 1850

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

Analytical Data

Client: HDR, Inc.

Job Number: 660-902.1

Client Sample ID: **MWB29D**

Lab Sample ID: 660-902-6

Date Sampled: 03/23/2005 0943

Client Matrix: Water

Date Received: 03/24/2005 0845

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1

Analysis Batch: 660-3876

Instrument ID: HP 5890 Series II ECD1/2

Preparation: 504.1

Prep Batch: 660-3856

Lab File ID: 1C30S027.D

Dilution: 1.0

Initial Weight/Volume: 34.4418 g

Date Analyzed: 03/31/2005 0424

Final Weight/Volume: 3 mL

Date Prepared: 03/30/2005 1850

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

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-902.1

Client Sample ID: **DUP03**

Lab Sample ID: 660-902-7

Date Sampled: 03/23/2005 0749

Client Matrix: Water

Date Received: 03/24/2005 0845

504.1 EDB, DBCP, and 123TCP In Water by Microextraction and Gas Chromatography

Method: 504.1

Analysis Batch: 660-3876

Instrument ID: HP 5890 Series II ECD1/2

Preparation: 504.1

Prep Batch: 660-3856

Lab File ID: 1C30S030.D

Dilution: 1.0

Initial Weight/Volume: 34.4530 g

Date Analyzed: 03/31/2005 0525

Final Weight/Volume: 3 mL

Date Prepared: 03/30/2005 1850

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

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-902.1

Client Sample ID: **MWB32I**

Lab Sample ID: 660-902-8

Date Sampled: 03/23/2005 1046

Client Matrix: Water

Date Received: 03/24/2005 0845

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1

Analysis Batch: 660-3876

Instrument ID: HP 5890 Series II ECD1/2

Preparation: 504.1

Prep Batch: 660-3856

Lab File ID: 1C30S031.D

Dilution: 1.0

Initial Weight/Volume: 34.2371 g

Date Analyzed: 03/31/2005 0546

Final Weight/Volume: 3 mL

Date Prepared: 03/30/2005 1850

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

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-902.1

Client Sample ID: **MWB32D**

Lab Sample ID: 660-902-9

Date Sampled: 03/23/2005 1120

Client Matrix: Water

Date Received: 03/24/2005 0845

504.1 EDB, DBCP, and 123TCP In Water by Microextraction and Gas Chromatography

Method: 504.1

Analysis Batch: 660-3876

Instrument ID: HP 5890 Series II ECD1/2

Preparation: 504.1

Prep Batch: 660-3856

Lab File ID: 1C30S033.D

Dilution: 1.0

Initial Weight/Volume: 33.7278 g

Date Analyzed: 03/31/2005 0628

Final Weight/Volume: 3 mL

Date Prepared: 03/30/2005 1850

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

Analytical Data

Client: HDR, Inc.

Job Number: 660-902.1

Client Sample ID: MWB32S

Lab Sample ID: 660-902-10

Date Sampled: 03/23/2005 1102

Client Matrix: Water

Date Received: 03/24/2005 0845

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method:	504.1	Analysis Batch:	660-3876	Instrument ID:	HP 5890 Series II ECD1/2
Preparation:	504.1	Prep Batch:	660-3856	Lab File ID:	1C30S034.D
Dilution:	1.0			Initial Weight/Volume:	35.1952 g
Date Analyzed:	03/31/2005 0649			Final Weight/Volume:	3 mL
Date Prepared:	03/30/2005 1850			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

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-902.1

Client Sample ID: **TRIP BLANK**

Lab Sample ID: 660-902-11

Date Sampled: 03/23/2005 0749

Client Matrix: Water

Date Received: 03/24/2005 0845

504.1 EDB, DBCP, and 123TCP In Water by Microextraction and Gas Chromatography

Method: 504.1

Analysis Batch: 660-3876

Instrument ID: HP 5890 Series II ECD1/2

Preparation: 504.1

Prep Batch: 660-3856

Lab File ID: 1C30S035.D

Dilution: 1.0

Initial Weight/Volume: 35.8706 g

Date Analyzed: 03/31/2005 0710

Final Weight/Volume: 3 mL

Date Prepared: 03/30/2005 1850

Injection Volume:

Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0029	U	0.0029	0.020
Ethylene Dibromide	0.0085	U	0.0085	0.020

Analytical Data

Client: HDR, Inc.

Job Number: 660-902.1

Client Sample ID: MWB271

Lab Sample ID: 660-902-1

Date Sampled: 03/23/2005 0749

Client Matrix: Water

Date Received: 03/24/2005 0845

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method:	200.7 Rev 4.4	Analysis Batch:	660-3903	Instrument ID:	TJA ICP TRACE
Preparation:	200.7 Appx C	Prep Batch:	660-3582	Lab File ID:	5D01A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	04/01/2005 0719			Final Weight/Volume:	50 mL
Date Prepared:	03/28/2005 1644				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.0038	U	0.0038	0.010
Barium	0.054		0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00071	U	0.00071	0.0050
Cobalt	0.0014	U	0.0014	0.010
Chromium	0.0017	U	0.0017	0.010
Copper	0.0013	U	0.0013	0.020
Iron	0.48		0.037	0.050
Sodium	3.2		0.15	0.50
Nickel	0.0047	U	0.0047	0.040
Antimony	0.0029	U	0.0029	0.0060
Lead	0.0015	U	0.0015	0.0050
Selenium	0.0048	U	0.0048	0.010
Vanadium	0.0025	U	0.0025	0.010
Zinc	0.0059	U	0.0059	0.020

200.8 ICPMS Metals by 200.8

Method:	200.8	Analysis Batch:	680-6260	Instrument ID:	ICP MS
Preparation:	4.3.1	Prep Batch:	680-5564	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	04/01/2005 1659			Final Weight/Volume:	250 mL
Date Prepared:	03/30/2005 1401				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.62	I	0.20	1.0



STL

Analytical Data

Client: HDR, Inc.

Job Number: 660-902.1

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch:	660-3916	Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch:	660-3741	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/31/2005 1603			Final Weight/Volume:	50 mL
Date Prepared:	03/30/2005 1435				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

Analytical Data

Client: HDR, Inc.

Job Number: 660-902.1

Client Sample ID: MWB27S

Lab Sample ID: 660-902-2

Date Sampled: 03/23/2005 0807

Client Matrix: Water

Date Received: 03/24/2005 0845

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method:	200.7 Rev 4.4	Analysis Batch:	660-3903	Instrument ID:	TJA ICP TRACE
Preparation:	200.7 Appx C	Prep Batch:	660-3582	Lab File ID:	5D01A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	04/01/2005 0736			Final Weight/Volume:	50 mL
Date Prepared:	03/28/2005 1644				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.0038	U	0.0038	0.010
Barium	0.018		0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00071	U	0.00071	0.0050
Cobalt	0.0014	U	0.0014	0.010
Chromium	0.0017	U	0.0017	0.010
Copper	0.0013	U	0.0013	0.020
Iron	0.077		0.037	0.050
Sodium	4.6		0.15	0.50
Nickel	0.0047	U	0.0047	0.040
Antimony	0.0029	U	0.0029	0.0060
Lead	0.0015	U	0.0015	0.0050
Selenium	0.0048	U	0.0048	0.010
Vanadium	0.0060	I	0.0025	0.010
Zinc	0.0059	U	0.0059	0.020

200.8 ICPMS Metals by 200.8

Method:	200.8	Analysis Batch:	680-6260	Instrument ID:	ICP MS
Preparation:	4.3.1	Prep Batch:	680-5564	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	04/01/2005 1721			Final Weight/Volume:	250 mL
Date Prepared:	03/30/2005 1401				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.20	U	0.20	1.0



STL

Analytical Data

Client: HDR, Inc.

Job Number: 660-902.1

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch:	660-3916	Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch:	660-3741	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/31/2005 1605			Final Weight/Volume:	50 mL
Date Prepared:	03/30/2005 1435				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

Analytical Data

Client: HDR, Inc.

Job Number: 660-902.1

Client Sample ID: MWB27D

Lab Sample ID: 660-902-3

Date Sampled: 03/23/2005 0833

Client Matrix: Water

Date Received: 03/24/2005 0845

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method:	200.7 Rev 4.4	Analysis Batch:	660-3903	Instrument ID:	TJA ICP TRACE
Preparation:	200.7 Appx C	Prep Batch:	660-3582	Lab File ID:	5D01A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	04/01/2005 0741			Final Weight/Volume:	50 mL
Date Prepared:	03/28/2005 1644				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.0038	U	0.0038	0.010
Barium	0.057		0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00071	U	0.00071	0.0050
Cobalt	0.0014	U	0.0014	0.010
Chromium	0.0017	U	0.0017	0.010
Copper	0.0013	U	0.0013	0.020
Iron	1.1		0.037	0.050
Sodium	3.6		0.15	0.50
Nickel	0.0047	U	0.0047	0.040
Antimony	0.0029	U	0.0029	0.0060
Lead	0.0015	U	0.0015	0.0050
Selenium	0.0048	U	0.0048	0.010
Vanadium	0.0025	U	0.0025	0.010
Zinc	0.0059	U	0.0059	0.020

200.8 ICPMS Metals by 200.8

Method:	200.8	Analysis Batch:	680-6260	Instrument ID:	ICP MS
Preparation:	4.3.1	Prep Batch:	680-5564	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	04/01/2005 1728			Final Weight/Volume:	250 mL
Date Prepared:	03/30/2005 1401				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.20	U	0.20	1.0

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-902.1

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch:	660-3916	Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch:	660-3741	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/31/2005 1611			Final Weight/Volume:	50 mL
Date Prepared:	03/30/2005 1435				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

Analytical Data

Client: HDR, Inc.

Job Number: 660-902.1

Client Sample ID: MWB29I

Lab Sample ID: 660-902-4

Date Sampled: 03/23/2005 0912

Client Matrix: Water

Date Received: 03/24/2005 0845

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method:	200.7 Rev 4.4	Analysis Batch:	660-3903	Instrument ID:	TJA ICP TRACE
Preparation:	200.7 Appx C	Prep Batch:	660-3582	Lab File ID:	5D01A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	04/01/2005 0747			Final Weight/Volume:	50 mL
Date Prepared:	03/28/2005 1644				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.0038	U	0.0038	0.010
Barium	0.047		0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00071	U	0.00071	0.0050
Cobalt	0.0014	U	0.0014	0.010
Chromium	0.0017	U	0.0017	0.010
Copper	0.0013	U	0.0013	0.020
Iron	0.47		0.037	0.050
Sodium	3.0		0.15	0.50
Nickel	0.0047	U	0.0047	0.040
Antimony	0.0029	U	0.0029	0.0060
Lead	0.0015	U	0.0015	0.0050
Selenium	0.0048	U	0.0048	0.010
Vanadium	0.0025	U	0.0025	0.010
Zinc	0.0059	U	0.0059	0.020

200.8 ICPMS Metals by 200.8

Method:	200.8	Analysis Batch:	680-6260	Instrument ID:	ICP MS
Preparation:	4.3.1	Prep Batch:	680-5564	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	04/01/2005 1735			Final Weight/Volume:	250 mL
Date Prepared:	03/30/2005 1401				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.20	U	0.20	1.0



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Analytical Data

Client: HDR, Inc.

Job Number: 660-902.1

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch:	660-3916	Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch:	660-3741	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/31/2005 1613			Final Weight/Volume:	50 mL
Date Prepared:	03/30/2005 1435				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

Analytical Data

Client: HDR, Inc.

Job Number: 660-902.1

Client Sample ID: MWB29S

Lab Sample ID: 660-902-5

Date Sampled: 03/23/2005 0929

Client Matrix: Water

Date Received: 03/24/2005 0845

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method:	200.7 Rev 4.4	Analysis Batch:	660-3903	Instrument ID:	TJA ICP TRACE
Preparation:	200.7 Appx C	Prep Batch:	660-3582	Lab File ID:	5D01A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	04/01/2005 0804			Final Weight/Volume:	50 mL
Date Prepared:	03/28/2005 1644				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.0038	U	0.0038	0.010
Barium	0.0094	I	0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00071	U	0.00071	0.0050
Cobalt	0.0014	U	0.0014	0.010
Chromium	0.0017	U	0.0017	0.010
Copper	0.0013	U	0.0013	0.020
Iron	0.48		0.037	0.050
Sodium	3.4		0.15	0.50
Nickel	0.0047	U	0.0047	0.040
Antimony	0.0029	U	0.0029	0.0060
Lead	0.0015	U	0.0015	0.0050
Selenium	0.0048	U	0.0048	0.010
Vanadium	0.0025	U	0.0025	0.010
Zinc	0.0059	U	0.0059	0.020

200.8 ICPMS Metals by 200.8

Method:	200.8	Analysis Batch:	680-6260	Instrument ID:	ICP MS
Preparation:	4.3.1	Prep Batch:	680-5564	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	04/01/2005 1743			Final Weight/Volume:	250 mL
Date Prepared:	03/30/2005 1401				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.20	U	0.20	1.0



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Analytical Data

Client: HDR, Inc.

Job Number: 660-902.1

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch:	660-3916	Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch:	660-3741	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/31/2005 1615			Final Weight/Volume:	50 mL
Date Prepared:	03/30/2005 1435				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-902.1

Client Sample ID: MWB29D

Lab Sample ID: 660-902-6

Date Sampled: 03/23/2005 0943

Client Matrix: Water

Date Received: 03/24/2005 0845

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method: 200.7 Rev 4.4 Analysis Batch: 660-3903
Preparation: 200.7 Appx C Prep Batch: 660-3582
Dilution: 1.0
Date Analyzed: 04/01/2005 0810
Date Prepared: 03/28/2005 1644

Instrument ID: TJA ICP TRACE
Lab File ID: 5D01A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.0038	U	0.0038	0.010
Barium	0.054		0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00071	U	0.00071	0.0050
Cobalt	0.0014	U	0.0014	0.010
Chromium	0.0017	U	0.0017	0.010
Copper	0.0013	U	0.0013	0.020
Iron	0.91		0.037	0.050
Sodium	3.5		0.15	0.50
Nickel	0.0047	U	0.0047	0.040
Antimony	0.0029	U	0.0029	0.0060
Lead	0.0015	U	0.0015	0.0050
Selenium	0.0048	U	0.0048	0.010
Vanadium	0.0025	U	0.0025	0.010
Zinc	0.0059	U	0.0059	0.020

200.8 ICPMS Metals by 200.8

Method: 200.8 Analysis Batch: 680-6260
Preparation: 4.3.1 Prep Batch: 680-5564
Dilution: 1.0
Date Analyzed: 04/01/2005 1750
Date Prepared: 03/30/2005 1401

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	0.20	U	0.20	1.0



STL

Analytical Data

Client: HDR, Inc.

Job Number: 660-902.1

245.1 Mercury In Water by CVAA

Method:	245.1	Analysis Batch:	660-3916	Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch:	660-3741	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/31/2005 1617			Final Weight/Volume:	50 mL
Date Prepared:	03/30/2005 1435				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

Analytical Data

Client: HDR, Inc.

Job Number: 660-902.1

Client Sample ID: DUP03

Lab Sample ID: 660-902-7

Date Sampled: 03/23/2005 0749

Client Matrix: Water

Date Received: 03/24/2005 0845

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method:	200.7 Rev 4.4	Analysis Batch:	660-3903	Instrument ID:	TJA ICP TRACE
Preparation:	200.7 Appx C	Prep Batch:	660-3582	Lab File ID:	5D01A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	04/01/2005 0815			Final Weight/Volume:	50 mL
Date Prepared:	03/28/2005 1644				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.0038	U	0.0038	0.010
Barium	0.054		0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00071	U	0.00071	0.0050
Cobalt	0.0014	U	0.0014	0.010
Chromium	0.0017	U	0.0017	0.010
Copper	0.0013	U	0.0013	0.020
Iron	0.49		0.037	0.050
Sodium	3.1		0.15	0.50
Nickel	0.0047	U	0.0047	0.040
Antimony	0.0029	U	0.0029	0.0060
Lead	0.0015	U	0.0015	0.0050
Selenium	0.0048	U	0.0048	0.010
Vanadium	0.0025	U	0.0025	0.010
Zinc	0.0059	U	0.0059	0.020

200.8 ICPMS Metals by 200.8

Method:	200.8	Analysis Batch:	680-6260	Instrument ID:	ICP MS
Preparation:	4.3.1	Prep Batch:	680-5564	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	04/01/2005 1757			Final Weight/Volume:	250 mL
Date Prepared:	03/30/2005 1401				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.20	U	0.20	1.0



STL

Analytical Data

Client: HDR, Inc.

Job Number: 660-902.1

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch:	660-3916	Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch:	660-3741	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/31/2005 1618			Final Weight/Volume:	50 mL
Date Prepared:	03/30/2005 1435				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

Analytical Data

Client: HDR, Inc.

Job Number: 660-902.1

Client Sample ID: MWB32I

Lab Sample ID: 660-902-8

Client Matrix: Water

Date Sampled: 03/23/2005 1046

Date Received: 03/24/2005 0845

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-902.1

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method: 200.7 Rev 4.4 Analysis Batch: 660-3903
Preparation: 200.7 Appx C Prep Batch: 660-3582
Dilution: 1.0
Date Analyzed: 04/01/2005 0821
Date Prepared: 03/28/2005 1644

Instrument ID: TJA ICP TRACE
Lab File ID: 5D01A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.0038	U	0.0038	0.010
Barium	0.056		0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00071	U	0.00071	0.0050
Cobalt	0.0014	U	0.0014	0.010
Chromium	0.0075	I	0.0017	0.010
Copper	0.0013	I	0.0013	0.020
Iron	0.59		0.037	0.050
Sodium	2.7		0.15	0.50
Nickel	0.0047	U	0.0047	0.040
Antimony	0.0029	U	0.0029	0.0060
Lead	0.0082		0.0015	0.0050
Selenium	0.0048	U	0.0048	0.010
Vanadium	0.0063	I	0.0025	0.010
Zinc	0.010	I	0.0059	0.020

Analytical Data

Client: HDR, Inc.

Job Number: 660-902.1

200.7 Rev 4.4 ICP Metals by 200.7-Dissolved

Method:	200.7 Rev 4.4	Analysis Batch:	660-3903	Instrument ID:	TJA ICP TRACE
Preparation:	200.7 Appx C	Prep Batch:	660-3582	Lab File ID:	5D01A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	04/01/2005 0827			Final Weight/Volume:	50 mL
Date Prepared:	03/28/2005 1644				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.0038	U	0.0038	0.010
Barium	0.031		0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00071	U	0.00071	0.0050
Cobalt	0.0014	U	0.0014	0.010
Chromium	0.0017	U	0.0017	0.010
Copper	0.0013	U	0.0013	0.020
Iron	0.26		0.037	0.050
Sodium	2.8		0.15	0.50
Nickel	0.0047	U	0.0047	0.040
Antimony	0.0029	U	0.0029	0.0060
Lead	0.0015	U	0.0015	0.0050
Selenium	0.0048	U	0.0048	0.010
Vanadium	0.0025	U	0.0025	0.010
Zinc	0.0059	U	0.0059	0.020

200.8 ICPMS Metals by 200.8

Method:	200.8	Analysis Batch:	680-6260	Instrument ID:	ICP MS
Preparation:	4.3.1	Prep Batch:	680-5564	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	04/01/2005 1819			Final Weight/Volume:	250 mL
Date Prepared:	03/30/2005 1401				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.20	U	0.20	1.0

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-902.1

200.8 ICPMS Metals by 200.8 CWA-Dissolved

Method:	200.8	Analysis Batch:	680-6272	Instrument ID:	ICP MS
Preparation:	4.1.4	Prep Batch:	680-5776	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	04/02/2005 1855			Final Weight/Volume:	250 mL
Date Prepared:	04/01/2005 0950				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.25	U	0.25	1.0

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch:	660-3916	Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch:	660-3741	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/31/2005 1620			Final Weight/Volume:	50 mL
Date Prepared:	03/30/2005 1435				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

245.1 Mercury in Water by CVAA-Dissolved

Method:	245.1	Analysis Batch:	660-3916	Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch:	660-3741	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/31/2005 1622			Final Weight/Volume:	50 mL
Date Prepared:	03/30/2005 1435				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

Analytical Data

Client: HDR, Inc.

Job Number: 660-902.1

Client Sample ID: MWB32D

Lab Sample ID: 660-902-9

Date Sampled: 03/23/2005 1120

Client Matrix: Water

Date Received: 03/24/2005 0845

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method:	200.7 Rev 4.4	Analysis Batch:	660-3903	Instrument ID:	TJA ICP TRACE
Preparation:	200.7 Appx C	Prep Batch:	660-3582	Lab File ID:	5D01A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	04/01/2005 0832			Final Weight/Volume:	50 mL
Date Prepared:	03/28/2005 1644				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.0038	U	0.0038	0.010
Barium	0.054		0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00071	U	0.00071	0.0050
Cobalt	0.0014	U	0.0014	0.010
Chromium	0.0017	U	0.0017	0.010
Copper	0.0013	U	0.0013	0.020
Iron	0.91		0.037	0.050
Sodium	4.9		0.15	0.50
Nickel	0.0047	U	0.0047	0.040
Antimony	0.0029	U	0.0029	0.0060
Lead	0.0015	U	0.0015	0.0050
Selenium	0.0048	U	0.0048	0.010
Vanadium	0.0025	U	0.0025	0.010
Zinc	0.0059	U	0.0059	0.020

200.8 ICPMS Metals by 200.8

Method:	200.8	Analysis Batch:	680-6260	Instrument ID:	ICP MS
Preparation:	4.3.1	Prep Batch:	680-5564	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	04/01/2005 1826			Final Weight/Volume:	250 mL
Date Prepared:	03/30/2005 1401				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.20	U	0.20	1.0



STL

Analytical Data

Client: HDR, Inc.

Job Number: 660-902.1

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch:	660-3916	Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch:	660-3741	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/31/2005 1624			Final Weight/Volume:	50 mL
Date Prepared:	03/30/2005 1435				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020



STL

Analytical Data

Client: HDR, Inc.

Job Number: 660-902.1

Client Sample ID: MWB32S

Lab Sample ID: 660-902-10
Client Matrix: Water

Date Sampled: 03/23/2005 1102
Date Received: 03/24/2005 0845

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-902.1

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method:	200.7 Rev 4.4	Analysis Batch:	660-3903	Instrument ID:	TJA ICP TRACE
Preparation:	200.7 Appx C	Prep Batch:	660-3582	Lab File ID:	5D01A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	04/01/2005 0838			Final Weight/Volume:	50 mL
Date Prepared:	03/28/2005 1644				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.0038	U	0.0038	0.010
Barium	0.022		0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00071	U	0.00071	0.0050
Cobalt	0.0014	U	0.0014	0.010
Chromium	0.0017	I	0.0017	0.010
Copper	0.0013	U	0.0013	0.020
Iron	0.69		0.037	0.050
Sodium	3.8		0.15	0.50
Nickel	0.0047	U	0.0047	0.040
Antimony	0.0029	U	0.0029	0.0060
Lead	0.0015	U	0.0015	0.0050
Selenium	0.0048	U	0.0048	0.010
Vanadium	0.0025	U	0.0025	0.010
Zinc	0.0059	U	0.0059	0.020

Analytical Data

Client: HDR, Inc.

Job Number: 660-902.1

200.7 Rev 4.4 ICP Metals by 200.7-Dissolved

Method:	200.7 Rev 4.4	Analysis Batch:	660-3903	Instrument ID:	TJA ICP TRACE
Preparation:	200.7 Appx C	Prep Batch:	660-3582	Lab File ID:	5D01A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	04/01/2005 0843			Final Weight/Volume:	50 mL
Date Prepared:	03/28/2005 1644				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.0038	U	0.0038	0.010
Barium	0.021		0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00071	U	0.00071	0.0050
Cobalt	0.0014	U	0.0014	0.010
Chromium	0.0017	U	0.0017	0.010
Copper	0.0013	U	0.0013	0.020
Iron	0.58		0.037	0.050
Sodium	3.7		0.15	0.50
Nickel	0.0047	U	0.0047	0.040
Antimony	0.0029	U	0.0029	0.0060
Lead	0.0015	U	0.0015	0.0050
Selenium	0.0048	U	0.0048	0.010
Vanadium	0.0025	U	0.0025	0.010
Zinc	0.0059	U	0.0059	0.020

200.8 ICPMS Metals by 200.8

Method:	200.8	Analysis Batch:	680-6260	Instrument ID:	ICP MS
Preparation:	4.3.1	Prep Batch:	680-5564	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	04/01/2005 1833			Final Weight/Volume:	250 mL
Date Prepared:	03/30/2005 1401				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.20	U	0.20	1.0

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-902.1

200.8 ICPMS Metals by 200.8 CWA-Dissolved

Method:	200.8	Analysis Batch:	680-6272	Instrument ID:	ICP MS
Preparation:	4.1.4	Prep Batch:	680-5776	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	04/02/2005 1902			Final Weight/Volume:	250 mL
Date Prepared:	04/01/2005 0950				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.25	U	0.25	1.0

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch:	660-3916	Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch:	660-3741	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/31/2005 1626			Final Weight/Volume:	50 mL
Date Prepared:	03/30/2005 1435				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

245.1 Mercury in Water by CVAA-Dissolved

Method:	245.1	Analysis Batch:	660-3916	Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch:	660-3741	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/31/2005 1628			Final Weight/Volume:	50 mL
Date Prepared:	03/30/2005 1435				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-902.1

Field Service / Mobile Lab

Client Sample ID: MWB271

Lab Sample ID: 660-902-1
Client Matrix: WaterDate Sampled: 03/23/2005 0749
Date Received: 03/24/2005 0845

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Specific Conductance	56.0		umhos/cm	1.0	120.1	660-4234	03/23/2005 0849
pH	5.48		SU	1.0	150.1	660-4241	03/23/2005 0749
Temperature	20.6		Degrees C	1.0	170.1	660-4247	03/23/2005 0749
Turbidity	13.0		NTU	1.0	180.1	660-4249	03/23/2005 0749
Oxygen, Dissolved	0.9		mg/L	1.0	360.1	660-4252	03/23/2005 0749
Water Level	122		ft	1.0	Water	660-4276	03/23/2005 0749
Well Depth	62.5		ft	0.0100	0.0100 1.0	Well Depth 660-4285	03/23/2005 0749

Client Sample ID: MWB27S

Lab Sample ID: 660-902-2
Client Matrix: WaterDate Sampled: 03/23/2005 0807
Date Received: 03/24/2005 0845

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Specific Conductance	87.0		umhos/cm	1.0	120.1	660-4234	03/23/2005 0807
pH	4.56		SU	1.0	150.1	660-4241	03/23/2005 0807
Temperature	17.9		Degrees C	1.0	170.1	660-4247	03/23/2005 0807
Turbidity	6.20		NTU	1.0	180.1	660-4249	03/23/2005 0749
Oxygen, Dissolved	1.0		mg/L	1.0	360.1	660-4252	03/23/2005 0807
Water Level	122		ft	1.0	Water	660-4276	03/23/2005 0807
Well Depth	15.5		ft	0.0100	0.0100 1.0	Well Depth 660-4285	03/23/2005 0807

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-902.1

Field Service / Mobile LabClient Sample ID: **MWB27D**

Lab Sample ID: 660-902-3

Client Matrix: Water

Date Sampled: 03/23/2005 0833

Date Received: 03/24/2005 0845

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Specific Conductance	106		umhos/cm	1.0	120.1	660-4234	03/23/2005 0833
pH	6.05		SU	1.0	150.1	660-4241	03/23/2005 0833
Temperature	20.4		Degrees C	1.0	170.1	660-4247	03/23/2005 0833
Turbidity	0.300		NTU	1.0	180.1	660-4249	03/23/2005 0749
Oxygen, Dissolved	0.9		mg/L	1.0	360.1	660-4252	03/23/2005 0833
Water Level	122		ft	1.0	Water	660-4276	03/23/2005 0833
Well Depth	110		ft	0.0100	0.0100	1.0	Well Depth 660-4285 03/23/2005 0833

Client Sample ID: **MWB29I**

Lab Sample ID: 660-902-4

Client Matrix: Water

Date Sampled: 03/23/2005 0912

Date Received: 03/24/2005 0845

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Specific Conductance	40.0		umhos/cm	1.0	120.1	660-4234	03/23/2005 0912
pH	5.13		SU	1.0	150.1	660-4241	03/23/2005 0912
Temperature	21.2		Degrees C	1.0	170.1	660-4247	03/23/2005 0912
Turbidity	16.9		NTU	1.0	180.1	660-4249	03/23/2005 0749
Oxygen, Dissolved	1.1		mg/L	1.0	360.1	660-4252	03/23/2005 0912
Water Level	132		ft	1.0	Water	660-4276	03/23/2005 0912
Well Depth	63.5		ft	0.0100	0.0100	1.0	Well Depth 660-4285 03/23/2005 0912

Analytical Data

Client: HDR, Inc.

Job Number: 660-902.1

Field Service / Mobile Lab

Client Sample ID: MWB29S

Lab Sample ID: 660-902-5

Client Matrix: Water

Date Sampled: 03/23/2005 0929

Date Received: 03/24/2005 0845

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Specific Conductance	40.0		umhos/cm	1.0	120.1	660-4234	03/23/2005 0929
pH	4.64		SU	1.0	150.1	660-4241	03/23/2005 0929
Temperature	17.1		Degrees C	1.0	170.1	660-4247	03/23/2005 0929
Turbidity	16.9		NTU	1.0	180.1	660-4249	03/23/2005 0749
Oxygen, Dissolved	1.1		mg/L	1.0	360.1	660-4252	03/23/2005 0929
Water Level	130		ft	1.0	Water	660-4276	03/23/2005 0929
Well Depth	20.0		ft	0.0100	0.0100	1.0	Well Depth 660-4285 03/23/2005 0929

Client Sample ID: MWB29D

Lab Sample ID: 660-902-6

Client Matrix: Water

Date Sampled: 03/23/2005 0943

Date Received: 03/24/2005 0845

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Specific Conductance	69.0		umhos/cm	1.0	120.1	660-4234	03/23/2005 0943
pH	5.67		SU	1.0	150.1	660-4241	03/23/2005 0943
Temperature	21.2		Degrees C	1.0	170.1	660-4247	03/23/2005 0943
Turbidity	1.00		NTU	1.0	180.1	660-4249	03/23/2005 0749
Oxygen, Dissolved	0.8		mg/L	1.0	360.1	660-4252	03/23/2005 0943
Water Level	132		ft	1.0	Water	660-4276	03/23/2005 0943
Well Depth	111		ft	0.0100	0.0100	1.0	Well Depth 660-4285 03/23/2005 0943

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-902.1

Field Service / Mobile Lab

Client Sample ID: MWB32I

Lab Sample ID: 660-902-8

Client Matrix: Water

Date Sampled: 03/23/2005 1046

Date Received: 03/24/2005 0845

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Specific Conductance	41.0		umhos/cm	1.0	120.1	660-4234	03/23/2005 1046
pH	5.36		SU	1.0	150.1	660-4241	03/23/2005 1046
Temperature	21.0		Degrees C	1.0	170.1	660-4247	03/23/2005 1046
Turbidity	246		NTU	1.0	180.1	660-4249	03/23/2005 0749
Oxygen, Dissolved	1.1		mg/L	1.0	360.1	660-4252	03/23/2005 1046
Water Level	117		ft	1.0	Water	660-4276	03/23/2005 1046
Well Depth	64.6		ft	0.0100 0.0100 1.0	Well Depth	660-4285	03/23/2005 1046

Client Sample ID: MWB32D

Lab Sample ID: 660-902-9

Client Matrix: Water

Date Sampled: 03/23/2005 1120

Date Received: 03/24/2005 0845

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Specific Conductance	151		umhos/cm	1.0	120.1	660-4234	03/23/2005 1120
pH	6.32		SU	1.0	150.1	660-4241	03/23/2005 1120
Temperature	20.8		Degrees C	1.0	170.1	660-4247	03/23/2005 1120
Turbidity	9.60		NTU	1.0	180.1	660-4249	03/23/2005 0749
Oxygen, Dissolved	0.7		mg/L	1.0	360.1	660-4252	03/23/2005 1120
Water Level	117		ft	1.0	Water	660-4276	03/23/2005 1120
Well Depth	109		ft	0.0100 0.0100 1.0	Well Depth	660-4285	03/23/2005 1120

Analytical Data

Client: HDR, Inc.

Job Number: 660-902.1

Field Service / Mobile Lab

Client Sample ID: MWB32S

Lab Sample ID: 660-902-10

Client Matrix: Water

Date Sampled: 03/23/2005 1102

Date Received: 03/24/2005 0845

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Specific Conductance	83.0		umhos/cm	1.0	120.1	660-4234	03/23/2005 1102
pH	5.23		SU	1.0	150.1	660-4241	03/23/2005 1102
Temperature	19.8		Degrees C	1.0	170.1	660-4247	03/23/2005 1102
Turbidity	34.2		NTU	1.0	180.1	660-4249	03/23/2005 0749
Oxygen, Dissolved	0.6		mg/L	1.0	360.1	660-4252	03/23/2005 1102
Water Level	116		ft	1.0	Water	660-4276	03/23/2005 1102
Well Depth	19.9		ft	0.0100	0.0100 1.0	Well Depth 660-4285	03/23/2005 1102

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-902.1

General Chemistry

Client Sample ID: MWB27I

Lab Sample ID: 660-902-1

Date Sampled: 03/23/2005 0749

Client Matrix: Water

Date Received: 03/24/2005 0845

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method	Anly Batch	Date Analyzed
Ammonia	0.041	I	mg/L	0.040	0.050	1.0	350.1	660-3954	04/01/2005 1630
Nitrate Nitrogen	0.012	I	mg/L	0.010	0.050	1.0	353.2	660-3522	03/25/2005 1115
Nitrate Nitrite Nitrogen	0.012	I	mg/L	0.010	0.050	1.0	353.2	660-3522	03/25/2005 1115
Nitrite Nitrogen	0.010	U	mg/L	0.010	0.050	1.0	353.2	660-3522	03/25/2005 1115

Analyte	Result	Qual	Units	RL	PQL	Dil	Method	Anly Batch	Date Analyzed
Total Dissolved Solids	56		mg/L	5.0	5.0	1.0	160.1	660-5525	04/22/2005 1330
Chloride	4.5		mg/L	1.0	1.0	1.0	325.3	660-4043	04/04/2005 2000

Client Sample ID: MWB27S

Lab Sample ID: 660-902-2

Date Sampled: 03/23/2005 0807

Client Matrix: Water

Date Received: 03/24/2005 0845

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method	Anly Batch	Date Analyzed
Ammonia	0.040	U	mg/L	0.040	0.050	1.0	350.1	660-3954	04/01/2005 1630
Nitrate Nitrogen	1.4		mg/L	0.010	0.050	1.0	353.2	660-3522	03/25/2005 1115
Nitrate Nitrite Nitrogen	1.4		mg/L	0.010	0.050	1.0	353.2	660-3522	03/25/2005 1115
Nitrite Nitrogen	0.010	U	mg/L	0.010	0.050	1.0	353.2	660-3522	03/25/2005 1115

Analyte	Result	Qual	Units	RL	PQL	Dil	Method	Anly Batch	Date Analyzed
Total Dissolved Solids	72		mg/L	5.0	5.0	1.0	160.1	660-5525	04/22/2005 1330
Chloride	5.0		mg/L	1.0	1.0	1.0	325.3	660-4043	04/04/2005 2000

Analytical Data

Client: HDR, Inc.

Job Number: 660-902.1

General Chemistry

Client Sample ID: MWB27D

Lab Sample ID: 660-902-3

Client Matrix: Water

Date Sampled: 03/23/2005 0833

Date Received: 03/24/2005 0845

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method	Any Batch	Date Analyzed
Ammonia	0.069		mg/L	0.040	0.050	1.0	350.1	660-3954	04/01/2005 1630
Nitrate Nitrogen	0.048	I	mg/L	0.010	0.050	1.0	353.2	660-3522	03/25/2005 1115
Nitrate Nitrite Nitrogen	0.048	I	mg/L	0.010	0.050	1.0	353.2	660-3522	03/25/2005 1115
Nitrite Nitrogen	0.010	U	mg/L	0.010	0.050	1.0	353.2	660-3522	03/25/2005 1115

Analyte	Result	Qual	Units	RL	PQL	Dil	Method	Any Batch	Date Analyzed
Total Dissolved Solids	80		mg/L	5.0	5.0	1.0	160.1	660-5525	04/22/2005 1330
Chloride	4.5		mg/L	1.0	1.0	1.0	325.3	660-4043	04/04/2005 2000

Client Sample ID: MWB29I

Lab Sample ID: 660-902-4

Client Matrix: Water

Date Sampled: 03/23/2005 0912

Date Received: 03/24/2005 0845

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method	Any Batch	Date Analyzed
Ammonia	0.040	U	mg/L	0.040	0.050	1.0	350.1	660-3954	04/01/2005 1630
Nitrate Nitrogen	0.010	U	mg/L	0.010	0.050	1.0	353.2	660-3522	03/25/2005 1115
Nitrate Nitrite Nitrogen	0.010	U	mg/L	0.010	0.050	1.0	353.2	660-3522	03/25/2005 1115
Nitrite Nitrogen	0.010	U	mg/L	0.010	0.050	1.0	353.2	660-3522	03/25/2005 1115

Analyte	Result	Qual	Units	RL	PQL	Dil	Method	Any Batch	Date Analyzed
Total Dissolved Solids	40		mg/L	5.0	5.0	1.0	160.1	660-5525	04/22/2005 1330
Chloride	3.0		mg/L	1.0	1.0	1.0	325.3	660-4043	04/04/2005 2000

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-902.1

General Chemistry

Client Sample ID: MWB29S

Lab Sample ID: 660-902-5

Client Matrix: Water

Date Sampled: 03/23/2005 0929

Date Received: 03/24/2005 0845

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method	Anly Batch	Date Analyzed
Ammonia	0.040	U	mg/L	0.040	0.050	1.0	350.1	660-3954	04/01/2005 1630
Nitrate Nitrogen	0.010	U	mg/L	0.010	0.050	1.0	353.2	660-3522	03/25/2005 1115
Nitrate Nitrite Nitrogen	0.010	U	mg/L	0.010	0.050	1.0	353.2	660-3522	03/25/2005 1115
Nitrite Nitrogen	0.010	U	mg/L	0.010	0.050	1.0	353.2	660-3522	03/25/2005 1115

Analyte	Result	Qual	Units	RL	PQL	Dil	Method	Anly Batch	Date Analyzed
Total Dissolved Solids	34		mg/L	5.0	5.0	1.0	160.1	660-5525	04/22/2005 1330
Chloride	3.5		mg/L	1.0	1.0	1.0	325.3	660-4043	04/04/2005 2000

Client Sample ID: MWB29D

Lab Sample ID: 660-902-6

Client Matrix: Water

Date Sampled: 03/23/2005 0943

Date Received: 03/24/2005 0845

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method	Anly Batch	Date Analyzed
Ammonia	0.070		mg/L	0.040	0.050	1.0	350.1	660-3954	04/01/2005 1630
Nitrogen, Nitrate	0.010	U	mg/L	0.010	0.050	1.0	353.2	660-5419	03/25/2005 0826
Nitrogen, Nitrate Nitrite	0.010	U	mg/L	0.010	0.050	1.0	353.2	660-5419	03/25/2005 0826
Nitrogen, Nitrite	0.010	U	mg/L	0.010	0.050	1.0	353.2	660-5419	03/25/2005 0826

Analyte	Result	Qual	Units	RL	PQL	Dil	Method	Anly Batch	Date Analyzed
Total Dissolved Solids	74		mg/L	5.0	5.0	1.0	160.1	660-5525	04/22/2005 1330
Chloride	5.0		mg/L	1.0	1.0	1.0	325.3	660-4043	04/04/2005 2000

Analytical Data

Client: HDR, Inc.

Job Number: 660-902.1

General Chemistry

Client Sample ID: DUP03

Lab Sample ID: 660-902-7

Date Sampled: 03/23/2005 0749

Client Matrix: Water

Date Received: 03/24/2005 0845

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method	Any Batch	Date Analyzed
Ammonia	0.043	I	mg/L	0.040	0.050	1.0	350.1	660-3954	04/01/2005 1630
Nitrogen, Nitrate	0.010	U	mg/L	0.010	0.050	1.0	353.2	660-5419	03/25/2005 0826
Nitrogen, Nitrate Nitrite	0.010	U	mg/L	0.010	0.050	1.0	353.2	660-5419	03/25/2005 0826
Nitrogen, Nitrite	0.010	U	mg/L	0.010	0.050	1.0	353.2	660-5419	03/25/2005 0826

Analyte	Result	Qual	Units	RL	PQL	Dil	Method	Any Batch	Date Analyzed
Total Dissolved Solids	52		mg/L	5.0	5.0	1.0	160.1	660-5525	04/22/2005 1330
Chloride	5.0		mg/L	1.0	1.0	1.0	325.3	660-4043	04/04/2005 2000

Client Sample ID: MWB32I

Lab Sample ID: 660-902-8

Date Sampled: 03/23/2005 1046

Client Matrix: Water

Date Received: 03/24/2005 0845

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method	Any Batch	Date Analyzed
Ammonia	0.040	U	mg/L	0.040	0.050	1.0	350.1	660-3954	04/01/2005 1630
Nitrogen, Nitrate	0.010	U	mg/L	0.010	0.050	1.0	353.2	660-5419	03/25/2005 0826
Nitrogen, Nitrate Nitrite	0.010	U	mg/L	0.010	0.050	1.0	353.2	660-5419	03/25/2005 0826
Nitrogen, Nitrite	0.050		mg/L	0.010	0.050	1.0	353.2	660-5419	03/25/2005 0826

Analyte	Result	Qual	Units	RL	PQL	Dil	Method	Any Batch	Date Analyzed
Total Dissolved Solids	72		mg/L	5.0	5.0	1.0	160.1	660-5525	04/22/2005 1330
Chloride	3.5		mg/L	1.0	1.0	1.0	325.3	660-4043	04/04/2005 2000

Analytical Data

Client: HDR, Inc.

Job Number: 660-902.1

General Chemistry

Client Sample ID: MWB32D

Lab Sample ID: 660-902-9

Date Sampled: 03/23/2005 1120

Client Matrix: Water

Date Received: 03/24/2005 0845

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method	Anly Batch	Date Analyzed
Ammonia	0.12		mg/L	0.040	0.050	1.0	350.1	660-3954	04/01/2005 1630
Nitrogen, Nitrate	0.010	U	mg/L	0.010	0.050	1.0	353.2	660-5419	03/25/2005 0826
Nitrogen, Nitrate Nitrite	0.010	U	mg/L	0.010	0.050	1.0	353.2	660-5419	03/25/2005 0826
Nitrogen, Nitrite	0.010	U	mg/L	0.010	0.050	1.0	353.2	660-5419	03/25/2005 0826

Analyte	Result	Qual	Units	RL	PQL	Dil	Method	Anly Batch	Date Analyzed
Total Dissolved Solids	100		mg/L	5.0	5.0	1.0	160.1	660-5525	04/22/2005 1330
Chloride	4.0		mg/L	1.0	1.0	1.0	325.3	660-4043	04/04/2005 2000

Client Sample ID: MWB32S

Lab Sample ID: 660-902-10

Date Sampled: 03/23/2005 1102

Client Matrix: Water

Date Received: 03/24/2005 0845

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method	Anly Batch	Date Analyzed
Ammonia	0.23		mg/L	0.040	0.050	1.0	350.1	660-3954	04/01/2005 1630
Nitrogen, Nitrate	0.010	U	mg/L	0.010	0.050	1.0	353.2	660-5419	03/25/2005 0826
Nitrogen, Nitrate Nitrite	0.010	U	mg/L	0.010	0.050	1.0	353.2	660-5419	03/25/2005 0826
Nitrogen, Nitrite	0.010	U	mg/L	0.010	0.050	1.0	353.2	660-5419	03/25/2005 0826

Analyte	Result	Qual	Units	RL	PQL	Dil	Method	Anly Batch	Date Analyzed
Total Dissolved Solids	60		mg/L	5.0	5.0	1.0	160.1	660-5525	04/22/2005 1330
Chloride	5.0		mg/L	1.0	1.0	1.0	325.3	660-4043	04/04/2005 2000

DATA REPORTING QUALIFIERS

Client: HDR, Inc.

Job Number: 660-902.1

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.

**STL****Quality Control Results**

Client: HDR, Inc.

Job Number: 660-902.1

8260B Volatile Organic Compounds by GC/MS**Method Blank - Batch: 660-4051**

Lab ID: MB 660-4051/3

Date Analyzed: 03/31/2005 2301

Dilution: 1.0

Matrix: Water

Units: ug/L

Analyte	Result	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	10
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-Dichloroethylene	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	0.83	U	0.83	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
methyl isobutyl ketone	3.8	U	3.8	10
Methylene Chloride	1.0	U	1.0	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
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: HDR, Inc.

Job Number: 660-902.1

8260B Volatile Organic Compounds by GC/MS**Laboratory Control Sample/ Control Duplicate - Batch: 660-4051**

LCS Lab ID: LCS 660-4051/4
LCSD Lab ID: LCSD 660-4051/5
Matrix: Water

Date Analyzed: 03/31/2005 2320
Date Analyzed: 03/31/2005 2339

Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Benzene	89	90	62 - 135	2	37	
Chlorobenzene	104	103	72 - 127	1	22	
1,1-Dichloroethylene	92	91	46 - 147	1	30	
Toluene	102	102	68 - 131	0	33	
Trichloroethene	90	90	56 - 143	0	35	

Matrix Spike/Spike Duplicate - Batch: 660-4051

MS Lab ID: 660-902-F-1 MS
MSD Lab ID: 660-902-E-1 MSD
Matrix: Water

Date Analyzed: 04/01/2005 1829
Date Analyzed: 04/01/2005 1849

Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	MS	MSD				
Benzene	83	86	62 - 135	3	37	
Chlorobenzene	104	97	72 - 127	7	22	
1,1-Dichloroethylene	101	103	46 - 147	3	30	
Toluene	100	104	68 - 131	3	33	
Trichloroethene	86	87	56 - 143	1	35	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: HDR, Inc.

Job Number: 660-902.1

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method Blank - Batch: 660-3856

Lab ID: MB 660-3856/3-A
Matrix: Water

Date Analyzed: 03/30/2005 2328
Units: ug/L

Dilution: 1.0

Analyte	Result	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0030	U	0.0030	0.020
Ethylene Dibromide	0.0087	U	0.0087	0.020

Laboratory Control Sample/ Control Duplicate - Batch: 660-3856

LCS Lab ID: LCS 660-3856/4-A
LCSD Lab ID: LCSD 660-3856/5-A
Matrix: Water

Date Analyzed: 03/30/2005 2349
Date Analyzed: 03/31/2005 0010

Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
1,2-Dibromo-3-Chloropropane	100	94	70 - 130	7	30	
Ethylene Dibromide	104	89	70 - 130	16	30	

Matrix Spike/Spike Duplicate - Batch: 660-3856

MS Lab ID: 660-847-J-1-A MS
MSD Lab ID: 660-847-H-1-A MSD
Matrix: Water

Date Analyzed: 03/31/2005 0052
Date Analyzed: 03/31/2005 0114

Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	MS	MSD				
1,2-Dibromo-3-Chloropropane	85	92	70 - 130	9	30	
Ethylene Dibromide	88	94	70 - 130	8	30	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: HDR, Inc.

Job Number: 660-902.1

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method Blank - Batch: 660-3582

Lab ID: MB 660-3582/1-A

Date Analyzed: 04/01/2005 0656

Dilution: 1.0

Matrix: Water

Units: mg/L

Analyte	Result	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.0038	U	0.0038	0.010
Barium	0.0012	U	0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00071	U	0.00071	0.0050
Cobalt	0.0014	U	0.0014	0.010
Chromium	0.0017	U	0.0017	0.010
Copper	0.0013	U	0.0013	0.020
Iron	0.037	U	0.037	0.050
Sodium	0.15	U	0.15	0.50
Nickel	0.0047	U	0.0047	0.040
Antimony	0.0029	U	0.0029	0.0060
Lead	0.0015	U	0.0015	0.0050
Selenium	0.0048	U	0.0048	0.010
Vanadium	0.0025	U	0.0025	0.010
Zinc	0.0059	U	0.0059	0.020

Laboratory Control Sample/ Control Duplicate - Batch: 660-3582

LCS Lab ID: LCS 660-3582/2-A

Date Analyzed: 04/01/2005 0702

Dilution: 1.0

LCSD Lab ID: LCSD 660-3582/3-A

Date Analyzed: 04/01/2005 0708

Dilution: 1.0

Matrix: Water

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Silver	101	99	85 - 115	2	20	
Arsenic	102	99	85 - 115	3	20	
Barium	100	98	85 - 115	2	20	
Beryllium	104	102	85 - 115	2	20	
Cadmium	105	102	85 - 115	2	20	
Cobalt	101	98	85 - 115	4	20	
Chromium	104	101	85 - 115	3	20	
Copper	102	100	85 - 115	2	20	
Iron	102	99	85 - 115	3	20	
Sodium	95	94	85 - 115	1	20	
Nickel	103	100	85 - 115	3	20	
Antimony	99	96	85 - 115	3	20	
Lead	104	101	85 - 115	3	20	
Selenium	104	101	85 - 115	3	20	
Vanadium	104	101	85 - 115	2	20	
Zinc	108	104	85 - 115	3	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

**STL****Quality Control Results**

Client: HDR, Inc.

Job Number: 660-902.1

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Matrix Spike/Spike Duplicate - Batch: 660-3582

MS Lab ID: 660-902-C-1-A MS*R
MSD Lab ID: 660-902-C-1-A MSD*R
Matrix: Water

Date Analyzed: 04/01/2005 0724
Date Analyzed: 04/01/2005 0730

Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	MS	MSD				
Silver	102	100	85 - 115	2	20	
Arsenic	101	100	85 - 115	1	20	
Barium	100	99	85 - 115	1	20	
Beryllium	105	103	85 - 115	2	20	
Cadmium	104	102	85 - 115	1	20	
Cobalt	100	100	85 - 115	0	20	
Chromium	104	102	85 - 115	1	20	
Copper	103	101	85 - 115	2	20	
Iron	107	105	85 - 115	1	20	
Sodium	99	98	85 - 115	0	20	
Nickel	101	101	85 - 115	1	20	
Antimony	98	97	85 - 115	1	20	
Lead	103	102	85 - 115	1	20	
Selenium	102	101	85 - 115	1	20	
Vanadium	104	102	85 - 115	2	20	
Zinc	107	106	85 - 115	1	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

**STL****Quality Control Results**

Client: HDR, Inc.

Job Number: 660-902.1

200.8 ICPMS Metals by 200.8**Method Blank - Batch: 680-5564**Lab ID: MB 680-5564/21-A
Matrix: WaterDate Analyzed: 04/01/2005 1618
Units: ug/L

Dilution: 1.0

Analyte	Result	Qualifier	MDL	PQL
Thallium	0.20	U	0.20	1.0

Laboratory Control Sample/ Control Duplicate - Batch: 680-5564LCS Lab ID: LCS 680-5564/22-A
LCSD Lab ID: LCSD 680-5564/23-A
Matrix: WaterDate Analyzed: 04/01/2005 1630
Date Analyzed: 04/01/2005 1652Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Thallium	85	96	85 - 115	12	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

STL Tampa

**STL****Quality Control Results**

Client: HDR, Inc.

Job Number: 660-902.1

200.8 ICPMS Metals by 200.8

Method Blank - Batch: 680-5776Lab ID: MB 680-5776/21-A
Matrix: WaterDate Analyzed: 04/02/2005 1804
Units: ug/L

Dilution: 1.0

Analyte	Result	Qualifier	MDL	PQL
Thallium	0.20	U	0.20	1.0

Laboratory Control Sample - Batch: 680-5776Lab ID: LCS 680-5776/22-A
Matrix: WaterDate Analyzed: 04/02/2005 1811
Units: ug/L

Dilution: 1.0

Analyte	Spike Amount	Result	% Rec.	Recovery Limits	Qualifier
Thallium	50.0	51	101	85 - 115	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: HDR, Inc.

Job Number: 660-902.1

245.1 Mercury in Water by CVAA

Method Blank - Batch: 660-3741

Lab ID: MB 660-3741/1-A
Matrix: Water

Date Analyzed: 03/31/2005 1550
Units: mg/L

Dilution: 1.0

Analyte	Result	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

Laboratory Control Sample/ Control Duplicate - Batch: 660-3741

LCS Lab ID: LCS 660-3741/2-A
LCSD Lab ID: LCSD 660-3741/3-A
Matrix: Water

Date Analyzed: 03/31/2005 1552
Date Analyzed: 03/31/2005 1554

Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Mercury	98	99	80 - 120	1	20	

Matrix Spike/Spike Duplicate - Batch: 660-3741

MS Lab ID: 660-855-E-2-B MS
MSD Lab ID: 660-855-E-2-B MSD
Matrix: Water

Date Analyzed: 03/31/2005 1600
Date Analyzed: 03/31/2005 1601

Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	MS	MSD				
Mercury	99	94	80 - 120	5	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

**STL****Quality Control Results**

Client: HDR, Inc.

Job Number: 660-902.1

160.1 Residue, Filterable, Gravimetric, Dried at 180°C (TDS)**Method Blank - Batch: 660-5525**Lab ID: MB 660-5525/1
Matrix: WaterDate Analyzed: 04/22/2005 1330
Units: mg/L

Dilution: 1.0

Analyte	Result	Qualifier	RL	PQL
Total Dissolved Solids	5.0	U	5.0	5.0

Laboratory Control Sample/ Control Duplicate - Batch: 660-5525LCS Lab ID: LCS 660-5525/2
LCSD Lab ID: LCSD 660-5525/3
Matrix: WaterDate Analyzed: 04/22/2005 1330
Date Analyzed: 04/22/2005 1330Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Total Dissolved Solids	100	100	80 - 120	0	25	

Matrix Spike/Spike Duplicate - Batch: 660-5525MS Lab ID: 660-902-A-2 MS
MSD Lab ID: 660-902-A-2 MSD
Matrix: WaterDate Analyzed: 04/22/2005 1330
Date Analyzed: 04/22/2005 1330Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	MS	MSD				
Total Dissolved Solids	100	100	80 - 120	0	25	

Calculations are performed before rounding to avoid round-off errors in calculated results.



STL

Quality Control Results

Client: HDR, Inc.

Job Number: 660-902.1

325.3 Chloride (Titrimetric, Mercuric Nitrate)

Method Blank - Batch: 660-4043

Lab ID: MB 660-4043/1

Date Analyzed: 04/04/2005 2000

Dilution: 1.0

Matrix: Water

Units: mg/L

Analyte	Result	Qualifier	RL	PQL
Chloride	1.0	U	1.0	1.0

Laboratory Control Sample/ Control Duplicate - Batch: 660-4043

LCS Lab ID: LCS 660-4043/2

Date Analyzed: 04/04/2005 2000

Dilution: 1.0

LCSD Lab ID: LCSD 660-4043/3

Date Analyzed: 04/04/2005 2000

Dilution: 1.0

Matrix: Water

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Chloride	96	97	80 - 120	1	25	

Matrix Spike/Spike Duplicate - Batch: 660-4043

MS Lab ID: 660-902-A-1 MS

Date Analyzed: 04/04/2005 2000

Dilution: 1.0

MSD Lab ID: 660-902-A-1 MSD

Date Analyzed: 04/04/2005 2000

Dilution: 1.0

Matrix: Water

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	MS	MSD				
Chloride	97	96	80 - 100	1	25	

Calculations are performed before rounding to avoid round-off errors in calculated results.

STL Tampa

**STL****Quality Control Results**

Client: HDR, Inc.

Job Number: 660-902.1

350.1 Nitrogen (Ammonia, Colorimetric, Automated Phenate)**Method Blank - Batch: 660-3954**

Lab ID: MB 660-3954/1

Date Analyzed: 04/01/2005 1630

Dilution: 1.0

Matrix: Water

Units: mg/L

Analyte	Result	Qualifier	MDL	PQL
Ammonia	0.040	U	0.040	0.050

Laboratory Control Sample/ Control Duplicate - Batch: 660-3954

LCS Lab ID: LCS 660-3954/2

Date Analyzed: 04/01/2005 1630

Dilution: 1.0

LCSD Lab ID: LCSD 660-3954/3

Date Analyzed: 04/01/2005 1630

Dilution: 1.0

Matrix: Water

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Ammonia	99	99	85 - 115	0	30	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: HDR, Inc.

Job Number: 660-902.1

353.2 Nitrogen, Nitrate-Nitrite (Colorimetric, Automated, Cadmium Reduction)

Method Blank - Batch: 660-5419

Lab ID: MB 660-5419/1
Matrix: Water

Date Analyzed: 03/25/2005 0826
Units: mg/L

Dilution: 1.0

Analyte	Result	Qualifier	MDL	PQL
Nitrogen, Nitrate Nitrite	0.010	U	0.010	0.050
Nitrogen, Nitrite	0.010	U	0.010	0.050
Nitrogen, Nitrate	0.010	U	0.010	0.050

Laboratory Control Sample/ Control Duplicate - Batch: 660-5419

LCS Lab ID: LCS 660-5419/2
LCSD Lab ID: LCSD 660-5419/3
Matrix: Water

Date Analyzed: 03/25/2005 0826
Date Analyzed: 03/25/2005 0826

Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Nitrogen, Nitrate Nitrite	104	109	80 - 120	4	30	
Nitrogen, Nitrite	91	93	80 - 120	3	30	

Calculations are performed before rounding to avoid round-off errors in calculated results.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN
TRENT

STL

STL Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634Website: www.stl-inc.com
Phone: (813) 885-7427
Fax: (813) 885-7049☐ Alternate Laboratory Name/LocationPhone:
Fax:

PROJECT REFERENCE TRAIL RIDGE	PROJECT NO.	PROJECT LOCATION (STATE)	MATRIX TYPE	REQUIRED ANALYSIS										PAGE 1 OF 1	
SAMPLER'S SIGNATURE <i>[Signature]</i>	P.O. NUMBER	CONTRACT NO.	COMPOSITE (C) OR GRAB (G) INDICATE AQUEOUS (WATER) SOLID OR SEMISOLID AIR NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	CL, NO ₃ , TDS NH ₃ APPROX METALS + Fe, H ₂ , Ni THALLIUM APPROX APPROX DIS metals	H ₂ O ₂	HNO ₃	HNO ₃	HCl	HCl	HNO ₃				STANDARD REPORT DELIVERY ☐	
CLIENT (SITE) PM AL BURSON	CLIENT PHONE	CLIENT FAX												DATE DUE _____	
CLIENT NAME TRAIL RIDGE	CLIENT E-MAIL													EXPEDITED REPORT DELIVERY (SURCHARGE) ☐	
CLIENT ADDRESS														DATE DUE _____	
COMPANY CONTRACTING THIS WORK (if applicable)															NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE		SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	NUMBER OF CONTAINERS SUBMITTED										REMARKS
DATE	TIME																	
3-23	0749	MWB27I	G	✓				1	1	1	1	3	3					
3-23	0807	MWB27S	G	✓				1	1	1	1	3	3					
3-23	0833	MWB27D	G	✓				1	1	1	1	3	3					
3-23	0912	MWB27I	G	✓				1	1	1	1	3	3					
3-23	0929	MWB27S	G	✓				1	1	1	1	3	3					
3-23	0943	MWB27D	G	✓				1	1	1	1	3	3					
3-23	0749	DUP03	G	✓				1	1	1	1	3	3					
3-23	1046	MWB32I	G	✓				1	1	1	1	3	3	1*				
3-23	1120	MWB32D	G	✓				1	1	1	1	3	3					
3-23	1102	MWB32S	G	✓				1	1	1	1	3	3	1*				
3-23	-	TRIP										3	3					

RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE 3/23/05	TIME 1523	RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE 3-23-05	TIME 1900	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

RECEIVED FOR LABORATORY BY: (SIGNATURE) <i>[Signature]</i>	DATE 3-24-05	TIME 0845	CUSTODY INTACT YES ☐ NO ☐	CUSTODY SEAL NO.	STL TAMPA LOG NO. 660-902	LABORATORY REMARKS FX * Added to coc. Rec. but NOT ON COC
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STL

ANALYTICAL REPORT

Job Number: 660-847.1

Job Description: Semi-annual Phase II/Trail Ridge

For:

HDR, Inc.
200 W. Forsyth St., Suite 800
Jacksonville, FL 32202

Attention: Mr. Brad Stone

A handwritten signature in black ink, appearing to read "Nancy Robertson", written over a horizontal line.

Nancy Robertson
Project Manager I
nrobertson@stl-inc.com

04/22/2005

Methods: FDEP, 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 Laboratories, Inc.

STL Tampa 6712 Benjamin Road, Suite 100, Tampa, FL 33634

Tel 813-8857427 Fax 813-8857049 www.stl-inc.com

METHOD SUMMARY

Client: HDR, Inc.

Job Number: 660-847.1

Description	Method	Preparation Method
Matrix: Water		
Volatile Organic Compounds by GC/MS Purge-and-Trap	SW846 8260B	SW846 5030B
EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography	EPA-01 504.1	
EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography (		EPA-DW 504.1
ICP Metals by 200.7 Total Recoverable Metals Digestion for 200.7	EPA 200.7 Rev 4.4	40CFR136A 200.7 Appx C
ICPMS Metals by 200.8 Total Metals Digestion for 200.8	EPA 200.8	MCAWW 4.3.1
Mercury in Water by CVAA Digestion for CVAA Mercury in Waters	EPA 245.1	EPA 245.1
Conductivity, Specific Conductance Field	MCAWW 120.1	
pH, Electrometric Field	MCAWW 150.1	
Temperature, Thermometric Field	MCAWW 170.1	
Turbidity, Nephelometric Field	MCAWW 180.1	
Oxygen (Dissolved, Membrane Electrode) Field	MCAWW 360.1	
Water Level, Field	FL-DEP Water Level	
Well Depth, Field	FL-DEP Well Depth	
Residue, Filterable, Gravimetric, Dried at 180°C (TDS)	MCAWW 160.1	
Chloride (Colorimetric, Automated Ferricyanide, AAI	MCAWW 325.2	
Nitrogen (Ammonia, Colorimetric, Automated Phenate)	MCAWW 350.1	
Nitrogen, Nitrate-Nitrite (Colorimetric, Automated, Cadmium Reduction)	MCAWW 353.2	
Nitrogen, Nitrate-Nitrite (Colorimetric, Automated, Cadmium Reduction)/Prep		MCAWW 353.2

METHOD SUMMARY

Client: HDR, Inc.

Job Number: 660-847.1

Description	Method	Preparation Method
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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.

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

**STL****SAMPLE SUMMARY**

Client: HDR, Inc.

Job Number: 660-847.1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
660-847-1	MWB17D	Water	03/22/2005 1409	03/23/2005 0930
660-847-2	MWB17I	Water	03/22/2005 1447	03/23/2005 0930
660-847-3	MWB17S	Water	03/22/2005 1503	03/23/2005 0930

Analytical Data

Client: HDR, Inc.

Job Number: 660-847.1

Client Sample ID: **MWB17D**

Lab Sample ID: 660-847-1

Date Sampled: 03/22/2005 1409

Client Matrix: Water

Date Received: 03/23/2005 0930

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 660-3703

Instrument ID: BVMG GC/MS

Preparation: 8260B

Lab File ID: 1GC2929.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 03/29/2005 2114

Final Weight/Volume: 5 mL

Date Prepared: 03/29/2005 2114

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	10
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-Dichloroethylene	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	0.83	U	0.83	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
methyl isobutyl ketone	3.8	U	3.8	10
Methylene Chloride	1.0	U	1.0	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

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-847.1

Client Sample ID: **MWB17D**

Lab Sample ID: 660-847-1

Date Sampled: 03/22/2005 1409

Client Matrix: Water

Date Received: 03/23/2005 0930

8260B Volatile Organic Compounds by GC/MS (Continued)

Method: 8260B

Analysis Batch: 660-3703

Instrument ID: BVMG GC/MS

Preparation: 8260B

Lab File ID: 1GC2929.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 03/29/2005 2114

Final Weight/Volume: 5 mL

Date Prepared: 03/29/2005 2114

Analyte	Result (ug/L)	Qualifier	MDL	PQL
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
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	90	74 - 126
Dibromofluoromethane	84	70 - 130
Toluene-d8	94	77 - 122

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-847.1

Client Sample ID: **MWB171**

Lab Sample ID: 660-847-2

Date Sampled: 03/22/2005 1447

Client Matrix: Water

Date Received: 03/23/2005 0930

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 8260B
Dilution: 1.0
Date Analyzed: 03/29/2005 2138
Date Prepared: 03/29/2005 2138

Analysis Batch: 660-3703

Instrument ID: BVMG GC/MS
Lab File ID: 1GC2930.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	10
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-Dichloroethylene	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	0.83	U	0.83	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
methyl isobutyl ketone	3.8	U	3.8	10
Methylene Chloride	1.0	U	1.0	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

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Analytical Data

Client: HDR, Inc.

Job Number: 660-847.1

Client Sample ID: **MWB171**

Lab Sample ID: 660-847-2

Client Matrix: Water

Date Sampled: 03/22/2005 1447

Date Received: 03/23/2005 0930

8260B Volatile Organic Compounds by GC/MS (Continued)

Method:	8260B	Analysis Batch:	660-3703	Instrument ID:	BVMG GC/MS
Preparation:	8260B			Lab File ID:	1GC2930.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/29/2005 2138			Final Weight/Volume:	5 mL
Date Prepared:	03/29/2005 2138				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
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
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	88	74 - 126
Dibromofluoromethane	89	70 - 130
Toluene-d8	91	77 - 122

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-847.1

Client Sample ID: **MWB17S**

Lab Sample ID: 660-847-3

Client Matrix: Water

Date Sampled: 03/22/2005 1503

Date Received: 03/23/2005 0930

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 8260B
Dilution: 1.0
Date Analyzed: 03/29/2005 2202
Date Prepared: 03/29/2005 2202

Analysis Batch: 660-3703

Instrument ID: BVMG GC/MS
Lab File ID: 1GC2931.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	10
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-Dichloroethylene	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	0.83	U	0.83	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
methyl isobutyl ketone	3.8	U	3.8	10
Methylene Chloride	1.0	U	1.0	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

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Analytical Data

Client: HDR, Inc.

Job Number: 660-847.1

Client Sample ID: **MWB17S**

Lab Sample ID: 660-847-3

Date Sampled: 03/22/2005 1503

Client Matrix: Water

Date Received: 03/23/2005 0930

8260B Volatile Organic Compounds by GC/MS (Continued)

Method: 8260B

Analysis Batch: 660-3703

Instrument ID: BVMG GC/MS

Preparation: 8260B

Lab File ID: 1GC2931.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 03/29/2005 2202

Final Weight/Volume: 5 mL

Date Prepared: 03/29/2005 2202

Analyte	Result (ug/L)	Qualifier	MDL	PQL
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
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	83	74 - 126
Dibromofluoromethane	91	70 - 130
Toluene-d8	88	77 - 122



STL

Analytical Data

Client: HDR, Inc.

Job Number: 660-847.1

Client Sample ID: **MWB17D**

Lab Sample ID: 660-847-1

Date Sampled: 03/22/2005 1409

Client Matrix: Water

Date Received: 03/23/2005 0930

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1

Analysis Batch: 660-3876

Instrument ID: HP 5890 Series II ECD1/2

Preparation: 504.1

Prep Batch: 660-3856

Lab File ID: 1C30S016.D

Dilution: 1.0

Initial Weight/Volume: 34.1468 g

Date Analyzed: 03/31/2005 0031

Final Weight/Volume: 3 mL

Date Prepared: 03/30/2005 1850

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

Analytical Data

Client: HDR, Inc.

Job Number: 660-847.1

Client Sample ID: MWB171

Lab Sample ID: 660-847-2

Client Matrix: Water

Date Sampled: 03/22/2005 1447

Date Received: 03/23/2005 0930

504.1 EDB, DBCP, and 123TCP In Water by Microextraction and Gas Chromatography

Method: 504.1

Analysis Batch: 660-3876

Instrument ID: HP 5890 Series II ECD1/2

Preparation: 504.1

Prep Batch: 660-3856

Lab File ID: 1C30S019.D

Dilution: 1.0

Initial Weight/Volume: 34.5944 g

Date Analyzed: 03/31/2005 0135

Final Weight/Volume: 3 mL

Date Prepared: 03/30/2005 1850

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



STL

Analytical Data

Client: HDR, Inc.

Job Number: 660-847.1

Client Sample ID: **MWB17S**

Lab Sample ID: 660-847-3

Client Matrix: Water

Date Sampled: 03/22/2005 1503

Date Received: 03/23/2005 0930

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1

Analysis Batch: 660-3876

Instrument ID: HP 5890 Series II ECD1/2

Preparation: 504.1

Prep Batch: 660-3856

Lab File ID: 1C30S021.D

Dilution: 1.0

Initial Weight/Volume: 34.5101 g

Date Analyzed: 03/31/2005 0217

Final Weight/Volume: 3 mL

Date Prepared: 03/30/2005 1850

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

Analytical Data

Client: HDR, Inc.

Job Number: 660-847.1

Client Sample ID: MWB17D

Lab Sample ID: 660-847-1

Date Sampled: 03/22/2005 1409

Client Matrix: Water

Date Received: 03/23/2005 0930

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method: 200.7 Rev 4.4 Analysis Batch: 660-3824
Preparation: 200.7 Rev 4.4 Prep Batch: 660-3477
Dilution: 1.0
Date Analyzed: 03/31/2005 1438
Date Prepared: 03/25/2005 1633

Instrument ID: TJA ICP TRACE
Lab File ID: 5C31A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.0038	U	0.0038	0.010
Barium	0.037		0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00071	U	0.00071	0.0050
Cobalt	0.0014	U	0.0014	0.010
Chromium	0.0017	U	0.0017	0.010
Copper	0.0013	U	0.0013	0.020
Iron	0.54		0.037	0.050
Sodium	3.2		0.15	0.50
Nickel	0.0047	U	0.0047	0.040
Antimony	0.0029	U	0.0029	0.0060
Lead	0.0015	U	0.0015	0.0050
Selenium	0.0048	U	0.0048	0.010
Vanadium	0.0025	U	0.0025	0.010
Zinc	0.0059	U	0.0059	0.020

200.8 ICPMS Metals by 200.8

Method: 200.8 Analysis Batch: 680-6260
Preparation: 200.8 Prep Batch: 680-5564
Dilution: 1.0
Date Analyzed: 04/01/2005 1953
Date Prepared: 03/30/2005 1401

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	0.20	U	0.20	1.0



STL

Analytical Data

Client: HDR, Inc.

Job Number: 660-847.1

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch:	660-3844	Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch:	660-3626	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/29/2005 1742			Final Weight/Volume:	50 mL
Date Prepared:	03/29/2005 1047				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-847.1

Client Sample ID: MWB17I

Lab Sample ID: 660-847-2

Date Sampled: 03/22/2005 1447

Client Matrix: Water

Date Received: 03/23/2005 0930

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method: 200.7 Rev 4.4 Analysis Batch: 660-3824
Preparation: 200.7 Rev 4.4 Prep Batch: 660-3477
Dilution: 1.0
Date Analyzed: 03/31/2005 1444
Date Prepared: 03/25/2005 1633

Instrument ID: TJA ICP TRACE
Lab File ID: 5C31A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.0038	U	0.0038	0.010
Barium	0.037		0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00071	U	0.00071	0.0050
Cobalt	0.0014	U	0.0014	0.010
Chromium	0.0017	U	0.0017	0.010
Copper	0.0013	U	0.0013	0.020
Iron	0.32		0.037	0.050
Sodium	3.0		0.15	0.50
Nickel	0.0047	U	0.0047	0.040
Antimony	0.0029	U	0.0029	0.0060
Lead	0.0015	U	0.0015	0.0050
Selenium	0.0048	U	0.0048	0.010
Vanadium	0.0025	U	0.0025	0.010
Zinc	0.0059	U	0.0059	0.020

200.8 ICPMS Metals by 200.8

Method: 200.8 Analysis Batch: 680-6260
Preparation: 200.8 Prep Batch: 680-5564
Dilution: 1.0
Date Analyzed: 04/01/2005 2000
Date Prepared: 03/30/2005 1401

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	0.20	U	0.20	1.0



STL

Analytical Data

Client: HDR, Inc.

Job Number: 660-847.1

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch:	660-3844	Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch:	660-3626	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/29/2005 1735			Final Weight/Volume:	50 mL
Date Prepared:	03/29/2005 1047				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

Analytical Data

Client: HDR, Inc.

Job Number: 660-847.1

Client Sample ID: MWB17S

Lab Sample ID: 660-847-3

Date Sampled: 03/22/2005 1503

Client Matrix: Water

Date Received: 03/23/2005 0930

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method:	200.7 Rev 4.4	Analysis Batch:	660-3824	Instrument ID:	TJA ICP TRACE
Preparation:	200.7 Rev 4.4	Prep Batch:	660-3477	Lab File ID:	5C31A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/31/2005 1449			Final Weight/Volume:	50 mL
Date Prepared:	03/25/2005 1633				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.0038	U	0.0038	0.010
Barium	0.0038	I	0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00071	U	0.00071	0.0050
Cobalt	0.0014	U	0.0014	0.010
Chromium	0.0017	U	0.0017	0.010
Copper	0.0013	U	0.0013	0.020
Iron	0.19		0.037	0.050
Sodium	3.3		0.15	0.50
Nickel	0.0047	U	0.0047	0.040
Antimony	0.0029	U	0.0029	0.0060
Lead	0.0015	U	0.0015	0.0050
Selenium	0.0048	U	0.0048	0.010
Vanadium	0.0025	U	0.0025	0.010
Zinc	0.0059	U	0.0059	0.020

200.8 ICPMS Metals by 200.8

Method:	200.8	Analysis Batch:	680-6260	Instrument ID:	ICP MS
Preparation:	200.8	Prep Batch:	680-5564	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	04/01/2005 2008			Final Weight/Volume:	250 mL
Date Prepared:	03/30/2005 1401				

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Thallium	0.20	U	0.20	1.0

Analytical Data

Client: HDR, Inc.

Job Number: 660-847.1

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch:	660-3844	Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch:	660-3626	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/29/2005 1741			Final Weight/Volume:	50 mL
Date Prepared:	03/29/2005 1047				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

Analytical Data

Client: HDR, Inc.

Job Number: 660-847.1

Field Service / Mobile Lab

Client Sample ID: MWB17D

Lab Sample ID: 660-847-1
Client Matrix: WaterDate Sampled: 03/22/2005 1409
Date Received: 03/23/2005 0930

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Specific Conductance	66.0		umhos/cm	1.0	120.1	660-4408	03/22/2005 1409
pH	5.62		SU	1.0	150.1	660-4415	03/22/2005 1409
Temperature	21.8		Degrees C	1.0	170.1	660-4420	03/22/2005 1409
Turbidity	21.8		NTU	1.0	180.1	660-4425	03/22/2005 1409
Oxygen, Dissolved	1.00		mg/L	1.0	360.1	660-4428	03/22/2005 1409
Water Level	132		ft	1.0	Water	660-4431	03/22/2005 1409
Well Depth	127		ft	0.0100	0.0100 1.0	Well Depth 660-4557	03/22/2005 1409

Client Sample ID: MWB17I

Lab Sample ID: 660-847-2
Client Matrix: WaterDate Sampled: 03/22/2005 1447
Date Received: 03/23/2005 0930

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Specific Conductance	32.0		umhos/cm	1.0	120.1	660-4408	03/22/2005 1447
pH	5.08		SU	1.0	150.1	660-4415	03/22/2005 1447
Temperature	22.2		Degrees C	1.0	170.1	660-4420	03/22/2005 1447
Turbidity	22.2		NTU	1.0	180.1	660-4425	03/22/2005 1447
Oxygen, Dissolved	0.400		mg/L	1.0	360.1	660-4428	03/22/2005 1447
Water Level	136		ft	1.0	Water	660-4431	03/22/2005 1447
Well Depth	60.1		ft	0.0100	0.0100 1.0	Well Depth 660-4557	03/22/2005 1447

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-847.1

Field Service / Mobile Lab

Client Sample ID: MWB17S

Lab Sample ID: 660-847-3

Client Matrix: Water

Date Sampled: 03/22/2005 1503

Date Received: 03/23/2005 0930

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Specific Conductance	52.0		umhos/cm	1.0	120.1	660-4408	03/22/2005 1503
pH	5.28		SU	1.0	150.1	660-4415	03/22/2005 1503
Temperature	20.7		Degrees C	1.0	170.1	660-4420	03/22/2005 1503
Turbidity	20.7		NTU	1.0	180.1	660-4425	03/22/2005 1503
Oxygen, Dissolved	1.40		mg/L	1.0	360.1	660-4428	03/22/2005 1503
Water Level	132		ft	1.0	Water	660-4431	03/22/2005 1503
Well Depth	18.3		ft	0.0100	0.0100 1.0	Well Depth 660-4557	03/22/2005 1503

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-847.1

General Chemistry

Client Sample ID: MWB17D

Lab Sample ID: 660-847-1

Client Matrix: Water

Date Sampled: 03/22/2005 1409

Date Received: 03/23/2005 0930

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method	Anly Batch	Date Analyzed
Chloride	6.6		mg/L	0.90	1.0	1.0	325.2	660-3874	03/30/2005 1930
Nitrogen, Nitrate	0.010	U	mg/L	0.010	0.050	1.0	353.2	660-4067	03/24/2005 1104
								Date Prepared:	03/24/2005 1104
Ammonia	0.040	U	mg/L	0.040	0.050	1.0	350.1	660-3892	03/31/2005 1640

Analyte	Result	Qual	Units	RL	PQL	Dil	Method	Anly Batch	Date Analyzed
Total Dissolved Solids	5.0	U	mg/L	5.0	5.0	1.0	160.1	660-4818	03/28/2005 1200

Client Sample ID: MWB17I

Lab Sample ID: 660-847-2

Client Matrix: Water

Date Sampled: 03/22/2005 1447

Date Received: 03/23/2005 0930

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method	Anly Batch	Date Analyzed
Chloride	5.4		mg/L	0.90	1.0	1.0	325.2	660-3874	03/30/2005 1930
Nitrogen, Nitrate	0.010	U	mg/L	0.010	0.050	1.0	353.2	660-4067	03/24/2005 1104
								Date Prepared:	03/24/2005 1104
Ammonia	0.040	U	mg/L	0.040	0.050	1.0	350.1	660-3892	03/31/2005 1640

Analyte	Result	Qual	Units	RL	PQL	Dil	Method	Anly Batch	Date Analyzed
Total Dissolved Solids	10		mg/L	5.0	5.0	1.0	160.1	660-4818	03/28/2005 1200

Analytical Data

Client: HDR, Inc.

Job Number: 660-847.1

General Chemistry

Client Sample ID: MWB17S

Lab Sample ID: 660-847-3

Date Sampled: 03/22/2005 1503

Client Matrix: Water

Date Received: 03/23/2005 0930

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method	Anly Batch	Date Analyzed
Chloride	6.8		mg/L	0.90	1.0	1.0	325.2	660-3874	03/30/2005 1930
Nitrogen, Nitrate	0.010	U	mg/L	0.010	0.050	1.0	353.2	660-4067	03/24/2005 1104
								Date Prepared:	03/24/2005 1104
Ammonia	0.13		mg/L	0.040	0.050	1.0	350.1	660-3892	03/31/2005 1640

Analyte	Result	Qual	Units	RL	PQL	Dil	Method	Anly Batch	Date Analyzed
Total Dissolved Solids	20		mg/L	5.0	5.0	1.0	160.1	660-4818	03/28/2005 1200

**STL****DATA REPORTING QUALIFIERS**

Client: HDR, Inc.

Job Number: 660-847.1

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

Quality Control Results

Client: HDR, Inc.

Job Number: 660-847.1

8260B Volatile Organic Compounds by GC/MS

Method Blank - Batch: 660-3703

Lab ID: MB 660-3703/23

Date Analyzed: 03/29/2005 1336

Dilution: 1.0

Matrix: Water

Units: ug/L

Analyte	Result	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	10
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-Dichloroethylene	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	0.83	U	0.83	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
methyl isobutyl ketone	3.8	U	3.8	10
Methylene Chloride	1.0	U	1.0	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
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

**STL****Quality Control Results**

Client: HDR, Inc.

Job Number: 660-847.1

8260B Volatile Organic Compounds by GC/MS**Laboratory Control Sample/ Control Duplicate - Batch: 660-3703**

LCS Lab ID: LCS 660-3703/21

Date Analyzed: 03/29/2005 1248

Dilution: 1.0

LCSD Lab ID: LCSD 660-3703/22

Date Analyzed: 03/29/2005 1312

Dilution: 1.0

Matrix: Water

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Benzene	82	89	62 - 135	9	37	
Chlorobenzene	93	105	72 - 127	12	22	
1,1-Dichloroethylene	88	96	46 - 147	9	30	
Toluene	87	103	68 - 131	17	33	
Trichloroethene	86	97	56 - 143	12	35	

Matrix Spike/Spike Duplicate - Batch: 660-3703

MS Lab ID: 660-804-K-5 MS

Date Analyzed: 03/29/2005 1713

Dilution: 1.0

MSD Lab ID: 660-804-K-5 MSD

Date Analyzed: 03/29/2005 1737

Dilution: 1.0

Matrix: Water

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	MS	MSD				
Benzene	88	85	62 - 135	3	37	
Chlorobenzene	107	108	72 - 127	1	22	
1,1-Dichloroethylene	95	89	46 - 147	6	30	
Toluene	98	101	68 - 131	4	33	
Trichloroethene	93	86	56 - 143	8	35	

Calculations are performed before rounding to avoid round-off errors in calculated results.

**STL****Quality Control Results**

Client: HDR, Inc.

Job Number: 660-847.1

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography**Method Blank - Batch: 660-3856**

Lab ID: MB 660-3856/3-A

Date Analyzed: 03/30/2005 2328

Dilution: 1.0

Matrix: Water

Units: ug/L

Analyte	Result	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0030	U	0.0030	0.020
Ethylene Dibromide	0.0087	U	0.0087	0.020

Laboratory Control Sample/ Control Duplicate - Batch: 660-3856

LCS Lab ID: LCS 660-3856/4-A

Date Analyzed: 03/30/2005 2349

Dilution: 1.0

LCSD Lab ID: LCSD 660-3856/5-A

Date Analyzed: 03/31/2005 0010

Dilution: 1.0

Matrix: Water

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
1,2-Dibromo-3-Chloropropane	100	94	70 - 130	7	30	
Ethylene Dibromide	104	89	70 - 130	16	30	

Matrix Spike/Spike Duplicate - Batch: 660-3856

MS Lab ID: 660-847-J-1-A MS

Date Analyzed: 03/31/2005 0052

Dilution: 1.0

MSD Lab ID: 660-847-H-1-A MSD

Date Analyzed: 03/31/2005 0114

Dilution: 1.0

Matrix: Water

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	MS	MSD				
1,2-Dibromo-3-Chloropropane	85	92	70 - 130	9	30	
Ethylene Dibromide	88	94	70 - 130	8	30	

Calculations are performed before rounding to avoid round-off errors in calculated results.



STL

Quality Control Results

Client: HDR, Inc.

Job Number: 660-847.1

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable**Method Blank - Batch: 660-3477**Lab ID: MB 660-3477/1-A
Matrix: WaterDate Analyzed: 03/31/2005 1239
Units: mg/L

Dilution: 1.0

Analyte	Result	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.0038	U	0.0038	0.010
Barium	0.0012	U	0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00071	U	0.00071	0.0050
Cobalt	0.0014	U	0.0014	0.010
Chromium	0.0017	U	0.0017	0.010
Copper	0.0013	U	0.0013	0.020
Iron	0.037	U	0.037	0.050
Sodium	0.15	U	0.15	0.50
Nickel	0.0047	U	0.0047	0.040
Antimony	0.0029	U	0.0029	0.0060
Lead	0.0015	U	0.0015	0.0050
Selenium	0.0048	U	0.0048	0.010
Vanadium	0.0025	U	0.0025	0.010
Zinc	0.0059	U	0.0059	0.020

Laboratory Control Sample/ Control Duplicate - Batch: 660-3477LCS Lab ID: LCS 660-3477/2-A
LCSD Lab ID: LCSD 660-3477/3-A
Matrix: WaterDate Analyzed: 03/31/2005 1245
Date Analyzed: 03/31/2005 1251Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Silver	102	102	85 - 115	0	20	
Arsenic	103	103	85 - 115	0	20	
Barium	102	103	85 - 115	0	20	
Beryllium	105	104	85 - 115	0	20	
Cadmium	103	103	85 - 115	0	20	
Cobalt	102	101	85 - 115	1	20	
Chromium	102	102	85 - 115	0	20	
Copper	104	104	85 - 115	0	20	
Iron	103	107	85 - 115	4	20	
Sodium	95	95	85 - 115	1	20	
Nickel	103	101	85 - 115	2	20	
Antimony	100	100	85 - 115	0	20	
Lead	104	104	85 - 115	0	20	
Selenium	107	107	85 - 115	0	20	
Vanadium	104	104	85 - 115	0	20	
Zinc	108	107	85 - 115	1	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

STL Tampa

Quality Control Results

Client: HDR, Inc.

Job Number: 660-847.1

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Matrix Spike/Spike Duplicate - Batch: 660-3477

MS Lab ID: 660-901-A-1-A MS*R
MSD Lab ID: 660-901-A-1-A MSD*R
Matrix: Water

Date Analyzed: 03/31/2005 1320
Date Analyzed: 03/31/2005 1326

Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	MS	MSD				
Silver	103	102	85 - 115	0	20	
Arsenic	103	103	85 - 115	0	20	
Barium	103	103	85 - 115	0	20	
Beryllium	106	105	85 - 115	1	20	
Cadmium	102	102	85 - 115	0	20	
Cobalt	102	101	85 - 115	1	20	
Chromium	102	102	85 - 115	1	20	
Copper	105	105	85 - 115	0	20	
Iron	99	97	85 - 115	2	20	
Sodium	99	98	85 - 115	0	20	
Nickel	101	101	85 - 115	0	20	
Antimony	101	101	85 - 115	0	20	
Lead	103	103	85 - 115	0	20	
Selenium	107	106	85 - 115	0	20	
Vanadium	105	104	85 - 115	1	20	
Zinc	107	106	85 - 115	1	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

**STL****Quality Control Results**

Client: HDR, Inc.

Job Number: 660-847.1

200.8 ICPMS Metals by 200.8**Method Blank - Batch: 680-5564**

Lab ID: MB 680-5564/21-A

Date Analyzed: 04/01/2005 1618

Dilution: 1.0

Matrix: Water

Units: ug/L

Analyte	Result	Qualifier	MDL	PQL
Thallium	0.20	U	0.20	1.0

Laboratory Control Sample/ Control Duplicate - Batch: 680-5564

LCS Lab ID: LCS 680-5564/22-A

Date Analyzed: 04/01/2005 1630

Dilution: 1.0

LCSD Lab ID: LCSD 680-5564/23-A

Date Analyzed: 04/01/2005 1652

Dilution: 1.0

Matrix: Water

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Thallium	85	96	85 - 115	12	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: HDR, Inc.

Job Number: 660-847.1

245.1 Mercury in Water by CVAA

Method Blank - Batch: 660-3626

Lab ID: MB 660-3626/1-A
Matrix: Water

Date Analyzed: 03/29/2005 1724
Units: mg/L

Dilution: 1.0

Analyte	Result	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

Laboratory Control Sample/ Control Duplicate - Batch: 660-3626

LCS Lab ID: LCS 660-3626/2-A
LCSD Lab ID: LCSD 660-3626/3-A
Matrix: Water

Date Analyzed: 03/29/2005 1725
Date Analyzed: 03/29/2005 1727

Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Mercury	97	98	80 - 120	0	20	

Matrix Spike/Spike Duplicate - Batch: 660-3626

MS Lab ID: 660-847-D-2-A MS
MSD Lab ID: 660-847-D-2-A MSD
Matrix: Water

Date Analyzed: 03/29/2005 1736
Date Analyzed: 03/29/2005 1739

Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	MS	MSD				
Mercury	103	99	80 - 120	4	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

**STL****Quality Control Results**

Client: HDR, Inc.

Job Number: 660-847.1

160.1 Residue, Filterable, Gravimetric, Dried at 180°C (TDS)**Method Blank - Batch: 660-4818**Lab ID: MB 660-4818/1
Matrix: WaterDate Analyzed: 03/28/2005 1200
Units: mg/L

Dilution: 1.0

Analyte	Result	Qualifier	RL	PQL
Total Dissolved Solids	5.0	U	5.0	5.0

Laboratory Control Sample/ Control Duplicate - Batch: 660-4818LCS Lab ID: LCS 660-4818/2
LCSD Lab ID: LCSD 660-4818/3
Matrix: WaterDate Analyzed: 03/28/2005 1200
Date Analyzed: 03/28/2005 1200Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Total Dissolved Solids	99	99	80 - 120	0	25	

Calculations are performed before rounding to avoid round-off errors in calculated results.

**STL****Quality Control Results**

Client: HDR, Inc.

Job Number: 660-847.1

325.2 Chloride (Colorimetric, Automated Ferricyanide, AAI)**Method Blank - Batch: 660-3874**

Lab ID: MB 660-3874/1

Date Analyzed: 03/30/2005 1930

Dilution: 1.0

Matrix: Water

Units: mg/L

Analyte	Result	Qualifier	MDL	PQL
Chloride	0.90	U	0.90	1.0

Laboratory Control Sample/ Control Duplicate - Batch: 660-3874

LCS Lab ID: LCS 660-3874/2

Date Analyzed: 03/30/2005 1930

Dilution: 1.0

LCSD Lab ID: LCSD 660-3874/3

Date Analyzed: 03/30/2005 1930

Dilution: 1.0

Matrix: Water

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Chloride	100	102	90 - 110	2	30	

Calculations are performed before rounding to avoid round-off errors in calculated results.

**STL****Quality Control Results**

Client: HDR, Inc.

Job Number: 660-847.1

350.1 Nitrogen (Ammonia, Colorimetric, Automated Phenate)**Method Blank - Batch: 660-3892**Lab ID: MB 660-3892/1
Matrix: WaterDate Analyzed: 03/31/2005 1640
Units: mg/L

Dilution: 1.0

Analyte	Result	Qualifier	MDL	PQL
Ammonia	0.040	U	0.040	0.050

Laboratory Control Sample/ Control Duplicate - Batch: 660-3892LCS Lab ID: LCS 660-3892/2
LCSD Lab ID: LCSD 660-3892/3
Matrix: WaterDate Analyzed: 03/31/2005 1640
Date Analyzed: 03/31/2005 1640Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Ammonia	102	100	85 - 115	1	30	

Calculations are performed before rounding to avoid round-off errors in calculated results.



Quality Control Results

Client: HDR, Inc.

Job Number: 660-847.1

353.2 Nitrogen, Nitrate-Nitrite (Colorimetric, Automated, Cadmium Reduction)**Method Blank - Batch: 660-4067**

Lab ID: MB 660-4067/1

Date Analyzed: 03/24/2005 1104

Dilution: 1.0

Matrix: Water

Units: mg/L

Analyte	Result	Qualifier	MDL	PQL
Nitrogen, Nitrate	0.010	U	0.010	0.050

Laboratory Control Sample/ Control Duplicate - Batch: 660-4067

LCS Lab ID: LCS 660-4067/2

Date Analyzed: 03/24/2005 1104

Dilution: 1.0

LCSD Lab ID: LCSD 660-4067/3

Date Analyzed: 03/24/2005 1104

Dilution: 1.0

Matrix: Water

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Nitrogen, Nitrate	101	103	80 - 120	1	30	

Matrix Spike/Spike Duplicate - Batch: 660-4067

MS Lab ID: 660-847-A-3 MS

Date Analyzed: 03/24/2005 1104

Dilution: 1.0

MSD Lab ID: 660-847-A-3 MSD

Date Analyzed: 03/24/2005 1104

Dilution: 1.0

Matrix: Water

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	MS	MSD				
Nitrogen, Nitrate	96	96	80 - 120	0	30	

Calculations are performed before rounding to avoid round-off errors in calculated results.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

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:[illegible]

Appendix C

Field Information Forms

WASTE MANAGEMENT

Site No.:

--	--	--	--

 Sample Point:

M	W	B	2	S
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Sample ID

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:

157

WELL VOLs PURGED

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.

A-Teflon C-PVC X-Other:
B-Stainless Steel D-Polypropylene

Casing
Material

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.

DTW
(ft)

111

[illegible]

Group	Baseline	Training	Test
Control	~92%	~95%	~90%
MCI	~85%	~88%	~60%
AD	~65%	~70%	~40%

1 2 3

[illegible]

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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Age Group	1990	1995	2000	2005
0-14	15	14	12	10
15-24	12	11	10	9
25-34	10	9	8	7
35-44	8	7	6	5
45-54	6	5	4	3
55-64	4	3	2	1
65-74	10	11	12	15
75+	2	3	4	5

+/- 25 mV

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.

Other: _____
Units _____

111

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).

Others: No shoen

Precipitation: Y or ☒ N

Specific Comments (including purge/well volume calculations if required):

Actual: $12 \div 1.33 = 9.0$

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Pro-Tech

Company

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

WMM
WASTE MANAGEMENT

Site No.:		Sample Point:	m	w	0	2	I

Sample ID

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
	032305	1132	29	81	290	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		Filter Device: ☐ Y or ☒ N 0.45 μ or μ (circle or fill in)	
	Purging Device ☐ 	A- Submersible Pump B- Peristaltic Pump C- QED Bladder Pump	D- Bailor E- Piston Pump F- Dipper/Bottle	Filter Type: ☐ 
	Sampling Device ☐ 			A- In-line Disposable B- Pressure C- Vacuum X- Other
	X- Other:			Sample Tube Type: ☐  A- Teflon B- Stainless Steel C- PVC D- Polypropylene X- Other:

WELL DATA	Well Elevation (at TOC)	14573 (ft/msl)	Depth to Water (DTW) (from TOC)	11204 (ft)	Groundwater Elevation (site datum, from TOC)	13369 (ft/msl)
	Total Well Depth (from TOC)	6150 (ft)	Stick Up (from ground elevation)		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.

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 spm	pH (std)	Conductance (SC/EC) (μ mhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
		11156	1.0 1 st	4.90 1 st	41	21.2	1.0	1.1	
	11158	1.0 2 nd	4.88 2 nd	41	21.2	1.1	1.1		
	12000	1.0 3 rd	4.85 3 rd	40	21.2	1.0	1.1		
Suggested range for 3 consec. readings or not Perm./State requirement:			+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Suggested range for 3 consec. readings or
note Permit/State requirements:

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	pH	CONDUCTANCE	TEMP.	TURBIDITY	DO	eH/ORP	Other:
	(MM DD YY)	(std)	(umhos/cm @ 25°C)	(°C)	(ntu)	(mg/L-ppm)	(mV)	Units
	032305	485	40	21.2	10	11		

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).

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: W 5-10 Outlook: cloudy 80°F Precipitation: Y or N
Specific Comments (including purge/well volume calculations if required):

Specific Comments (including purge/well volume calculations if required):

COMMENTS: CALC: $61,58 - 12,07 = 49,51 \times 0,163 = 8,06 \times 3 = 24,2$
Flow: $15 \times 4 = 60 \div 60 = 1 \times 24,2 = 24,2$
ACTUAL: $29 \div 1 = 29,0$

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

3,23,05 DAN ARMOUR

7

Pro-Tec

Dåte

Name _____

Signature

Company

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

WASTE MANAGEMENT

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:

Site No.:

--	--	--

 Sample Point:

M	W	B	3	5
---	---	---	---	---

Sample ID

PURGE INFO	032305	1251	15	20	87	43
	PURGE DATE (MM DD YY)	PURGE TIME (24HR) Hr (Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLS PURGED

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.

SOURCE/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	Filter Type: - A-In-line Disposable B-Pressure C-Vacuum X-Other _____
	Sampling Device C			Sample Tube Type: A A-Teflon B-Stainless Steel C-PVC D-Polypropylene X-Other _____
	X-Other: _____			

WELL DATA	Well Elevation (at TOC)	15348 (ft/msl)	Depth to Water (DTW) (from TOC)	797 (ft)	Groundwater Elevation (site datum, from TOC)	14551 (ft/msl)
	Total Well Depth (from TOC)	2000 (ft)	Stick Up (from ground elevation)		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.					

Note: Total Well Depth, Stick Up, Casing Id. etc. are optional and can be from historical data, unless required by State Permit. Well Elevation, DTV, and Groundwater Elevation must be current.

[illegible]

Suggested range for 3 consec. readings or
note Permit/State requirements:

Stabilization Data Fields are

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	pH	CONDUCTANCE	TEMP.	TURBIDITY	DO	eH/ORP	Other:
	(MM DD YY)	(std)	(umhos/cm @ 25°C)	(°C)	(ntu)	(mg/L-ppm)	(mV)	Units
	032305	4.73	51	18.1	5.1	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).

Sample Appearance: clear Odor: None Color: None Other: No Sheen

Weather Conditions (required daily, or as conditions change):

Direction/Speed: (N) 5-10

Color: None Other: No Screen

Specific Comments (including purge/well volume calculations if required):

CALC: $20.00 - 7.97 = 12.03 \times 0.163 = 1.96 \times 3 = 5.88$

$$F_{\text{مح}} = 26 \times 4 = 104 \div 60 = 1,73 \times 5,88 = 10,2$$

ACTUAL: $15 \div 1.73 = 8.7$

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):

3,23 p5 DAN Armour



Are There

Date _____

Name _____

Signature

Company

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

903-4



Site Name: TRAIL RIDGE

Site No.: Sample Point: MW03I

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	032305	1312	32	80	282	35
	PURGE DATE (MM DD YY)	PURGE TIME (24Hr Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED

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: ☒ or ☐		Filter Device: ☐ or ☒ 0.45 μ or ☐ μ (circle or fill in)	
	Purging Device ☐	A-Submersible Pump B-Peristaltic Pump C-QED Bladder Pump	D-Bailer E-Piston Pump F-Dipper/Bottle	Filter Type: ☐
	Sampling Device ☐			A-In-line Disposable B-Pressure C-Vacuum X-Other: _____
	X-Other: _____			Sample Tube Type: ☒ A-Teflon B-Stainless Steel C-PVC D-Polypropylene X-Other: _____

WELL DATA	Well Elevation (at TOC)	15186 (ft/msl)	Depth to Water (DTW) (from TOC)	1311 (ft)	Groundwater Elevation (site datum, from TOC)	13875 (ft/msl)
	Total Well Depth (from TOC)	6200 (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 <i>3pm</i>	pH (sid)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
	1339	0.9	1 st 4.82	34	21.0	0.6	1.1		
	1341	0.9	2 nd 4.75	34	21.0	0.2	1.0		
	1343	0.9	3 rd 4.77	33	21.0	0.2	1.0		
			4 th						
	Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	-	-	+/- 10%	+/- 25 mV	Stabilize

Suggested range for 3 consec. readings or
note Permit/State requirements:

+/- 0.

+1.3%

2

 $\pm 10\%$

± 25 m

Stability

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.

ELD 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
	03 23 05	4.77	33	21.0	0.2	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: ODOR Color: NONE Other: No Sheen
Weather Conditions (required daily, or as conditions change): Direction/Speed: W 5-10 Outlook: Cloudy 80% Precipitation: Y or N
Specific Comments (including purge/well volume calculations if required):

Specific Comments (including purge/well volume calculations if required):

COMMENTS: CALC: $62.00 - 13.11 = 48.89 \times 0.163 = 7.97 \times 3 = 23.91$
 FLOW: $17 \times 4 = 68 \div 60 = 1.133 \times 23.91 = 27.09$
 ACTUAL: $32 \div 1.133 = 28.2$

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

3,20,05 DAN ARMOUR

[Signature]

Protocol

Date _____

Name _____

Signature

Company

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

844-6



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	032205	0850	34	99	340	34
	PURGE DATE	PURGE TIME	ELAPSED HRS	WATER VOL IN CASING	ACTUAL VOL PURGED	WELL VOLS
	(MM DD YY)	(2400 Hr Clock)	(hrs:min)	(Gallons)	(Gallons)	PURGED

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.

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	Filter Type: ☒ -	A-In-line Disposable B-Pressure C-Vacuum X-Other: _____	
	Sampling Device: ☒ C			Sample Tube Type: ☒ A	A-Teflon B-Stainless Steel C-Polypropylene X-Other: _____	
	X-Other: _____					

WELL DATA	Well Elevation (at TOC)	12153	(ft/msl)	Depth to Water (DTW) (from TOC)	409	(ft)	Groundwater Elevation (site datum, from TOC)	11744	(ft/msl)
	Total Well Depth (from TOC)	6500	(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 Sitel Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

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 <i>3.0 m</i>	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	cH/ORP (mV)	DTW (ft)
		09:19	1.0	5.42	44	22.1	2.0	0.8	
	09:21	1.0	5.36	43	22.1	1.7	0.8		
	09:23	1.0	5.34	43	22.1	1.7	0.7		
	Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	-	-	+/- 10%	+/- 25 mV	Stabilize

Suggested range for 3 consec. readings or
note Permit/State requirements:

 ± 0.2

+/- 3%

2

••

+/- 10

± 25 mV

Stabilize

Stabilization Data Fields are Optional (i.e. complete stabilization readings for parameters required by WM, Siic, or State). These fields can be used where four (4) field measurements are required by State/Permit/Siic. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Siic. If more fields above are needed, use separate sheet or form.

FIELD DATA	SAMPLE DATE	pH	CONDUCTANCE	TEMP.	TURBIDITY	DO	eH/ORP	Other:
	(MM DD YY)	(std)	(umhos/cm @ 25°C)	(°C)	(ntu)	(mg/L-ppm)	(mV)	Units
	03 22 05	53.4	43	22.1	17	07		

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.

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 STEAM
Weather Conditions (required daily, or as conditions change): Direction/Speed: NW 0-5 Outlook: Cloudy 70°F Precipitation: Y or (N)
Specific Comments (including purge/well volume calculations if required):

Specific Comments (including purge/well volume calculations if required):

FIELD COMMENTS

CALC: $65.00 \div 4.09 = 60.91 \times 0.163 = 9.93 \times 3 = 29.78$

Flow: $15 \times 4 = 60 \div 60 = 1 \times 29.78 = 29.78$

ACTUAL: $34 \div 1 = 34.0$

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

3/22/05	Dan Armour		Pro-Tech
Date	Name	Signature	Company

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

FIELD INFORMATION FORM

844-5



Site Name: TRAIL RIDGE
 Site No.:
 Sample Point: MW 87D
 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: 032205 0850 116 29 126 43
 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

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-Submersible Pump D-Bailer Filter Type: A-In-line Disposable C-Vacuum
 Sampling Device: ☒ B-Peristaltic Pump E-Piston Pump B-Pressure X-Other:
 X-Other: C-QED Bladder Pump F-Dipper/Bottle Sample Tube Type: A A-Teflon C-PVC X-Other:
 B-Stainless Steel D-Polypropylene

WELL DATA: Well Elevation (at TOC) 12165 (ft/msl) Depth to Water (DTW) (from TOC) 150 (ft) Groundwater Elevation (site datum, from TOC) 12015 (ft/msl)
 Total Well Depth (from TOC) 11700 (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	pH (std)	Conductance (SC/EC) (μ mhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
09101	0.8 1"	7.32	349	21.7	0.5	0.6		
09103	0.8 2"	7.36	347	21.7	0.4	0.5		
09105	0.8 3"	7.38	348	21.7	0.4	0.5		

Suggested range for 3 consec. readings or note Permit/State requirements: pH ± 0.2 Conductance $\pm 3\%$ Temp. ± 0.2 Turbidity $\pm 10\%$ eH/ORP ± 25 mV DTW 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) 032205 pH (std) 7.38 CONDUCTANCE (μ mhos/cm @ 25 °C) 348 TEMP. (°C) 21.7 TURBIDITY (ntu) 0.4 DO (mg/L - ppm) 0.5 eH/ORP (mV) Other:
 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 Iron
 Weather Conditions (required daily, or as conditions change): Direction/Speed: NW 0-5 Outlook: cloudy 70°F Precipitation: Y or N
 Specific Comments (including purge/well volume calculations if required): Purge mixer set @ 99.00 ft

FIELD COMMENTS: CALC: 117.00 - 99.00 = 18.00 x 0.163 = 2.9 x 3 = 8.8
Flow: 19 x 4 = 76 ÷ 60 = 1.267 x 8.8 = 11.15
ACTUAL: 16 ÷ 1.267 = 12.6

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

3/22/05 DAN ARMOUR

Date

Name

Signature

Company

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

844-0



Site No.:

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 Sample Point:

m	w	B	1	1	5
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Sample ID

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 in the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO	032205	0957	11	11	55	49
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

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	D-Bailer	Filter Type: ☐ -	A-In-line Disposable	C-Vacuum
		B-Peristaltic Pump	E-Piston Pump		B-Pressure	X-Other _____
	Sampling Device ☐ C	C-QED Bladder Pump	F-Dipper/Bottle	Sample Tube Type: ☐ A	A-Teflon	C-PVC
	X-Other: _____			B-Stainless Steel	D-Polypropylene	

WELL DATA	Well Elevation (at TOC)	12081 (ft/msl)	Depth to Water (DTW) (from TOC)	1261 (ft)	Groundwater Elevation (site datum, from TOC)	10820 (ft/msl)
	Total Well Depth (from TOC)	1950 (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.

[illegible]

Suggested range for 3 consec. readings or
note Permit/State requirements:

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	pH	CONDUCTANCE	TEMP.	TURBIDITY	DO	eH/ORP	Other:
	(MM DD YY)	(std)	(umhos/cm @ 25°C)	(°C)	(ntu)	(mg/L-ppm)	(mV)	Units
	03 22 05	4.17	155	20.5	23	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.

Sample Appearance: CLEAR Odor: NONE Color: NONE Other: NO SHEEN
Weather Conditions (required daily, or as conditions change): Direction/Speed: NW 4-5 Outlook: CLOUDS 80°F Precipitation: Y or ☒ N

Weather Conditions (required daily, or as conditions change): Direction/Speed: NW 0-5 Outlook: cloudy 80°F Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

COMMENTS: CALC: $14.50 - 12.6 = 6.8 \times 0.165 - 1.12 \times 5 = 3.34$
Flow: $30 \times 4 = 120 \div 60 = 2.0 \times 3.34 = 6.74$
ACTUAL: $11 \div 2 = 5.5$

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

3,22,05 DAN ARMOUR



Pentecost

Date _____

Name _____

Signature

Company

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

WASTE MANAGEMENT

Laboratory Use Only/Lab ID:

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:

WELL DATA	Well Elevation (at TOC)	12043 (ft/msl)	Depth to Water (DTW) (from TOC)	1224 (ft)	Groundwater Elevation (site datum, from TOC)	108119 (ft/msl)
	Total Well Depth (from TOC)	5550 (ft)	Stick Up (from ground elevation)	(ft)	Casing ID	2 (in)
					Casing Material	PVC

[illegible]

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	pH	CONDUCTANCE	TEMP.	TURBIDITY	DO	eH/ORP	Other:
	(MM DD YY)	(std)	(umhos/cm @ 25°C)	(°C)	(ntu)	(mg/L-ppm)	(mV)	Units
	032205	5.11	37	23.5	2582	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: CLOUDY Odor: SLIGHT Color: BROWN Other: No sheen

Weather Conditions (required daily, or as conditions change): Direction/Speed: NW 0-5 Outlook: Cloudy 80°F Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

CALC: $55.50 - 12.24 = 43.26 \times 0.163 = 7.05 \times 3 = 21.15$

الحل: $18 \times 4272 \div 60 = 1,2 \times 21,15 = 25,38$

ACTUAL: $30 \div 1.2 = 25$

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

3,22,05 Dan Armour



Protocol

Date _____

Name _____

Signature

Company

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

844-14



Site No.:

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 Sample Point:

m	w	B	1	2	5
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Sample ID

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	032205	1205	113	23	103	45
	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

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	D-Boiler	Filter Type: 1	A-In-line Disposable	C-Vacuum
		B-Peristaltic Pump	E-Piston Pump		B-Pressure	X-Other: _____
	Sampling Device: C	C-QED Bladder Pump	F-Dipper/Bottle			
	X-Other: _____			Sample Tube Type: A	A-Teflon	C-PVC X-Other: _____
					D-Stainless Steel	D-Polypropylene

WELL DATA	Well Elevation (at TOC)	12463 (ft/msl)	Depth to Water (DTW) (from TOC)	1049 (ft)	Groundwater Elevation (site datum, from TOC)	11414 (ft/msl)
	Total Well Depth (from TOC)	2450 (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.

Sample Time (2400 Hr Clock)	Rate/Unit <i>gpm</i>	pH (std)	Conductance (SC/EC) (μ mhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1210	0.8 1 st	5.35	104	19.3	17.8	2.6		
1215	0.8 2 nd	5.31	104	19.8	16.4	2.6		
1217	0.8 3 rd	5.32	109	19.8	16.1	2.6		
:	4 th							
:								
:								
:								
:								
:								
:								
:								
:								

Suggested range for 3 consec. readings or
note Permit/State requirements:

+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize
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Suggested range for 3 consec. readings or
note Perm/State requirements:

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.

ELD DATA	SAMPLE DATE	pH	CONDUCTANCE	TEMP.	TURBIDITY	DO	eH/ORP	Other:
	(MM DD YY)	(std)	(umhos/cm @ 25°C)	(°C)	(ntu)	(mg/L-ppm)	(mV)	Units
	03 22 05	5.32	109	19.8	161	26		

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: SLIGHT Color: Brown Other: NO shell

Weather Conditions (required daily, or as conditions change): Direction/Speed: NW 0-5 Outlook: clearing 75°F Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required):

COMMENTS: CALC: $27.50 - 10.41 = 17.09 \times 0.165 = 2.82 \times 5 = 6.85$
Flow: $19 \times 4 = 76 \div 60 = 1.267 \times 6.85 = 8.68$
ACTUAL: $13 \div 1.267 = 10.26$

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

3, 22, 05 DAN ARMOUR  Pro-Tech

Date Name Signature Company

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

MWBI2D

FIELD INFORMATION FORM 844-13



Site Name: TRAIL RIDGE
 Site No.:
 Sample Point: MWBI2D
 Sample ID: 2.4

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: 032205 1147 12 1120 112 48
 PURGE DATE (MM DD YY) PURGE TIME (2400 Hr Clock) ELAPSED HRS WATER VOL IN CASING (Gallons) ACTUAL VOL PURGED (Gallons) WELL VOLS PURGED
 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 D-Bailer
 Sampling Device: C B-Peristaltic Pump E-Piston Pump
 X-Other: C-QED Bladder Pump F-Dipper/Bottle
 Filter Device: Y or N 0.45 μ or μ (circle or fill in)
 Filter Type: A-In-line Disposable C-Vacuum
 Sample Tube Type: A B-Pressure X-Other:
 A-Teflon C-PVC X-Other:
 B-Stainless Steel D-Polypropylene

WELL DATA: Well Elevation (at TOC) 12456 (ft/msl) Depth to Water (DTW) (from TOC) 567 (ft) Groundwater Elevation (site datum, from TOC) 11889 (ft/msl)
 Total Well Depth (from TOC) 11200 (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 pH (std) Conductance (SC/EC) (μmhos/cm @ 25 °C) Temp. (°C) Turbidity (ntu) D.O. (mg/L - ppm) eH/ORP (mV) DTW (ft)

11154	0.9	1"	7.09	1"	389	22.0	0.3	0.8		
11156	0.9	2"	7.13	2"	388	22.0	0.3	0.8		
11158	0.9	3"	7.14	3"	388	22.0	0.2	0.8		
11159	0.9	4"	7.14	4"	388	22.0	0.2	0.8		
11160	0.9	5"	7.14	5"	388	22.0	0.2	0.8		
11161	0.9	6"	7.14	6"	388	22.0	0.2	0.8		
11162	0.9	7"	7.14	7"	388	22.0	0.2	0.8		
11163	0.9	8"	7.14	8"	388	22.0	0.2	0.8		
11164	0.9	9"	7.14	9"	388	22.0	0.2	0.8		
11165	0.9	10"	7.14	10"	388	22.0	0.2	0.8		
11166	0.9	11"	7.14	11"	388	22.0	0.2	0.8		
11167	0.9	12"	7.14	12"	388	22.0	0.2	0.8		
11168	0.9	13"	7.14	13"	388	22.0	0.2	0.8		
11169	0.9	14"	7.14	14"	388	22.0	0.2	0.8		
11170	0.9	15"	7.14	15"	388	22.0	0.2	0.8		
11171	0.9	16"	7.14	16"	388	22.0	0.2	0.8		
11172	0.9	17"	7.14	17"	388	22.0	0.2	0.8		
11173	0.9	18"	7.14	18"	388	22.0	0.2	0.8		
11174	0.9	19"	7.14	19"	388	22.0	0.2	0.8		
11175	0.9	20"	7.14	20"	388	22.0	0.2	0.8		
11176	0.9	21"	7.14	21"	388	22.0	0.2	0.8		
11177	0.9	22"	7.14	22"	388	22.0	0.2	0.8		
11178	0.9	23"	7.14	23"	388	22.0	0.2	0.8		
11179	0.9	24"	7.14	24"	388	22.0	0.2	0.8		
11180	0.9	25"	7.14	25"	388	22.0	0.2	0.8		
11181	0.9	26"	7.14	26"	388	22.0	0.2	0.8		
11182	0.9	27"	7.14	27"	388	22.0	0.2	0.8		
11183	0.9	28"	7.14	28"	388	22.0	0.2	0.8		
11184	0.9	29"	7.14	29"	388	22.0	0.2	0.8		
11185	0.9	30"	7.14	30"	388	22.0	0.2	0.8		
11186	0.9	31"	7.14	31"	388	22.0	0.2	0.8		
11187	0.9	32"	7.14	32"	388	22.0	0.2	0.8		
11188	0.9	33"	7.14	33"	388	22.0	0.2	0.8		
11189	0.9	34"	7.14	34"	388	22.0	0.2	0.8		
11190	0.9	35"	7.14	35"	388	22.0	0.2	0.8		
11191	0.9	36"	7.14	36"	388	22.0	0.2	0.8		
11192	0.9	37"	7.14	37"	388	22.0	0.2	0.8		
11193	0.9	38"	7.14	38"	388	22.0	0.2	0.8		
11194	0.9	39"	7.14	39"	388	22.0	0.2	0.8		
11195	0.9	40"	7.14	40"	388	22.0	0.2	0.8		
11196	0.9	41"	7.14	41"	388	22.0	0.2	0.8		
11197	0.9	42"	7.14	42"	388	22.0	0.2	0.8		
11198	0.9	43"	7.14	43"	388	22.0	0.2	0.8		
11199	0.9	44"	7.14	44"	388	22.0	0.2	0.8		
11200	0.9	45"	7.14	45"	388	22.0	0.2	0.8		

 Suggested range for 3 consec. readings or note Permit/State requirements: pH +/- 0.2 Conductance +/- 3% Temp. -- Turbidity -- D.O. +/- 10% eH/ORP +/- 25 mV DTW 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
032205 7.14 388 22.0 0.2 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: NW 0-5 Outlook: cloudy 75°F Precipitation: Y or N
 Specific Comments (including purge/well volume calculations if required): Purge Mixer sat @ 97.50 ft.

FIELD COMMENTS: CALC: 112.00 - 97.50 = 14.50 x 0.163 = 2.36 x 3 = 7.09
Flow: 16 x 4 = 64 ÷ 60 = 1.067 x 7.09 = 7.56
ACTUAL: 12 ÷ 1.067 = 11.2

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):
3/22/05 Dan Arman Pro Tech
 Date Name Signature Company

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

WASTE MANAGEMENT

Laboratory Use Only/Lab ID:

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.

Sample Tube Type:

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.

Suggested range for 3 consec. readings or
note Permit/State requirements:

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.

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.)

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

Сопоставь

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

WASTE MANAGEMENT

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	PURGE TIME	ELAPSED HRS	WATER VOL IN CASING	ACTUAL VOL PURGED	WELL VOLs PURGED
	(MM DD YY)	(2400 Hr Clock)	(hrs:min)	(Gallons)	(Gallons)	
	032305	13:55	:25		250	37

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 μ or μ (circle or fill in)

Purging Device A- Submersible Pump D-Bailer
 B-Peristaltic Pump E-Piston Pump

Filter Type: A-In-line Disposable C-Vacuum
B-Pressure X-Other _____

Sampling Device C-QED Bladder Pump F-Dipper/Bottle

X-Other: _____

Sample Tube Type: A-Teflon C-PVC X-Other: _____
B-Stainless Steel D-Polypropylene

WELL DATA	Well Elevation (at TOC)	12598 (ft/msl)	Depth to Water (DTW) (from TOC)	1851 (ft)	Groundwater Elevation (site datum, from TOC)	10747 (ft/msl)
	Total Well Depth (from TOC)	6048 (ft)	Stick Up (from ground elevation)		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 (std)	pH (std)	Conductance (SC/EC) ($\mu\text{mhos/cm}$ @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
	14:25	1.1	5.17	36	22.6	17.6	1.5		
	14:17	1.1	5.09	36	22.6	16.6	1.4		
	14:19	1.1	5.05	36	22.6	16.9	1.4		
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	pH	CONDUCTANCE	TEMP.	TURBIDITY	DO	eH/ORP	Other: _____
	(MM DD YY)	(std)	(umhos/cm @ 25°C)	(°C)	(ntu)	(mg/L-ppm)	(mV)	Units _____
	032305	505	36	22.6	169	1.4		

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: W 5-10 Outlook: cloudy 20°F Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

COMMENTS
 CALC: $60.48 - 18.51 = 41.97 \times 0.165 = 6.92505 \times 3 = 20.77515$
 Flow: $15 \times 4 = 60 \div 60 = 1 \times 20.52 = 20.52$
 ACTUAL: $25 \div 1 = 25.0$

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

3,23,05 DAN ARMOUR

Signature _____

Company

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

WMM
WASTE MANAGEMENT

Laboratory Use Only/Lab ID:

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:

WELL DATA	Well Elevation (at TOC)	13831 (ft/msl)	Depth to Water (DTW) (from TOC)	635 (ft)	Groundwater Elevation (site datum, from TOC)	13194 (ft/msl)
	Total Well Depth (from TOC)	1831 (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.

Suggested range for 3 consec. readings or
note Permit/State requirements:

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.

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).

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):

Pre-Touch

Company

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample. YELLOW - Returned to Client. PINK - Field Copy

847-2



Site No.:						Sample Point:
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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	032205	1414	33	94	330	35
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

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	A-In-line Disposable B-Pressure C-Vacuum X-Other
	Sampling Device C			
	X-Other:			
			Filter Type: -	A-Teflon B-Stainless Steel C-PVC D-Polypropylene X-Other:
			Sample Tube Type: A	

WELL DATA	Well Elevation (at TOC)	13843 (ft/msl)	Depth to Water (DTW) (from TOC)	272 (ft)	Groundwater Elevation (site datum, from TOC)	13571 (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 State/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

[illegible]

Suggested range for 3 consec. readings or
note Permit/State requirements:

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	pH	CONDUCTANCE	TEMP.	TURBIDITY	DO	eH/ORP	Other:
	(MM DD YY)	(std)	(umhos/cm @ 25°C)	(°C)	(ntu)	(mg/L-ppm)	(mV)	Units
	03/22/05	5.08	32	22.2	0.4	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: SLIGHT Color: NONE Other: NO SHEEN
Weather Conditions (required daily, or as conditions change): Direction/Speed: NW 0-5 Outlook: CLOUDY 75% Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required):

FIELD COMMENTS

CALL: $60,13 - 2,72 = 57,41 \times 0,163 = 9,36 \times 3 = 28,07$
 FLOW: $15 \times 4 = 60 \div 60 = 1 \times 28,07 = 28,07$
 ACTUAL: $33 \div 1 = 33,0$

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

3,22,05 DAN ARMOUR



ProTect

Date _____

Name

Signature _____

Сотрудн

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

WASTE MANAGEMENT

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:

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:

SOURCE/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	Filter Type:
	Sampling Device: C			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)	13852 (ft/msl)	Depth to Water (DTW) (from TOC)	692 (ft)	Groundwater Elevation (site datum, from TOC)	13760 (ft/msl)
	Total Well Depth (from TOC)	12732 (ft)	Stick Up (from ground elevation)		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.

JATA (Optional)	Sample Time (2400 Hr Clock)	Rate/Unit <i>gpm</i>	pH (sid)	Conductance (SC/EC) (umhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
	14104	1.0	<i>566</i>	<i>65</i>	<i>219</i>	<i>04</i>	<i>11</i>		
	14106	1.0	<i>563</i>	<i>66</i>	<i>218</i>	<i>02</i>	<i>10</i>		
	14108	1.0	<i>562</i>	<i>66</i>	<i>218</i>	<i>01</i>	<i>10</i>		
* STABILIZAT.	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.

EELD DATA	SAMPLE DATE	pH	CONDUCTANCE	TEMP.	TURBIDITY	DO	eH/ORP	Other:
	(MM DD YY)	(std)	(umhos/cm @ 25°C)	(°C)	(ntu)	(mg/L-ppm)	(mV)	Units
	03 22 05	562	66	21.8	0.1	1.0		

Weather Conditions (required daily, or as conditions change): Direction/Speed: NW 0.5 Outlook: cloudy 75°F Precipitation: Y or ☒ N

Specific Comments (including purge/well volume calculations if required):

COMMENTS

CALL: $12 + 132 = 6,72 = 120,40 \times 0,163 = 11,62 \times 5 = 58,88$

FLOW: $15 \times 4 = 60 \div 60 = 1 \times 58,88 = 58,88$

ACTUAL: $63 \div 1 = 63,0$

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

3,22,05 Van Armour

Date _____

Name _____

Signature

COMPANY

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

844-1



Site No.:		Sample Point:	MWB195
			Sample ID

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	032205	0725	14	22	117	53
	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

Now: 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	Filter Type: -	A-In-line Disposable B-Pressure C-Vacuum X-Other	
	Sampling Device: C			Sample Tube Type: A	A-Teflon B-Stainless Steel C-PVC D-Polypropylene	X-Other:
	X-Other:					

WELL DATA	Well Elevation (at TOC)	12738 (ft/msl)	Depth to Water (DTW) (from TOC)	635 (ft)	Groundwater Elevation (site datum, from TOC)	12103 (ft/msl)
	Total Well Depth (from TOC)	2000 (ft)	Stick Up (from ground elevation)		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.

Note: Total Well Depth, Stick Up, Casing Id. etc. are optional and can be from historical data, unless required by State Permit. Well Elevation, DTY, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)	Sample Time (2400 Hrs Clock)	Rate/Unit <u>gpm</u>	pH (std)	Conductance (SC/EC) (umhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	ORP/ORP (mV)	DTW (ft)				
		07:34	0.8	53.4	1115	20.6	1149	112					
	07:36	0.8	53.9	1114	20.6	1146	112						
	07:38	0.8	54.1	1114	20.6	1147	112						
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2		+/- 3%		-		+/- 10%		+/- 25 mV		Stabilize	

Suggested range for 3 consec. readings or
note Permit/State requirements:

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	pH	CONDUCTANCE	TEMP.	TURBIDITY	DO	eH/ORP	Other: _____
	(MM DD YY)	(std)	(umhos/cm @ 25°C)	(°C)	(ntu)	(mg/L-ppm)	(mV)	Units _____
	03/22/05	5.41	114	20.6	147	12		

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: lt. yellow tint Other: No sheen
Weather Conditions (required daily, or as conditions change): Direction/Speed: cloudy NW @ 5 Outlook: cloudy 70°F Precipitation: Y or D

Specific Comments (including purge/well volume calculations if required):

COMMENTS

CALC:	$20.00 - 6.35 = 13.65 \times 0.163 = 2.22 \times 3 = 6.67$
Flow:	$18 \times 4 = 72 \div 60 = 1.2 \times 6.67 = 8.00$
ACTUAL:	$14 \div 1.2 = 11.67$

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

3,22,05 DAW Armour

Date _____

Name _____

Signature

Company

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

WASTE MANAGEMENT

Laboratory Use Only/Lab ID:

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:

Filter Device: Y or N | 0.45 μ or 1.00 μ (circle or fill 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.

Suggested range for 3 consec. readings or
note Permit/State requirements:

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.

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).

Precipitation: Y or N

ACTUAL: $33 \div 1.13 = 29.13$

$P_{\text{gas}} = T_{\text{gas}}$

Company

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

WASTE MANAGEMENT

Laboratory Use Only/Lab ID:

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.

WELL DATA	Well Elevation (at TOC)	12823 (ft/msl)	Depth to Water (DTW) (from TOC)	719 (ft)	Groundwater Elevation (site datum, from TOC)	12104 (ft/msl)	
	Total Well Depth (from TOC)	11550 (ft)	Stick Up (from ground elevation)		Casing ID	2 (in)	Casing Material

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.

Suggested range for 3 consec. readings or
note Permiv/Static requirements:

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.

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).

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

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

WASTE MANAGEMENT

Laboratory Use Only/Lab ID:

STL-8029WM R: 12/00

WASTE MANAGEMENT

Site No.:		Sample Point:	M	W	B	Z	I	S
			Sample ID					

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					PURGE TIME			ELAPSED HRS			WATER VOL IN CASING			ACTUAL VOL PURGED			WELL VOL PURGED						
	(MM)	(DD)	(YY)	(Hr)	(Min)	(Hr)	(Min)	(Sec)	(Hr)	(Min)	(Sec)	(Gallons)	(Gallons)	(Gallons)	(Gallons)	(Gallons)	(Gallons)	(Gallons)	(Gallons)	(Gallons)				
	0	3	2	2	0	5	1	0	4	0					1	2			6	4			5	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: <u>Y</u> or <u>N</u>		Filter Device: <u>Y</u> or <u>N</u> <u>0.45 µ</u> or <u> </u> µ (circle or fill in)	
	Purging Device <u>C</u>	A- Submersible Pump D-Bailer	Filter Type: <u>-</u>	A-In-line Disposable C-Vacuum
	Sampling Device <u>C</u>	B-Peristaltic Pump E-Piston Pump	Sample Tube Type: <u>A</u>	B-Pressure X-Other <u> </u>
		C-QED Bladder Pump F-Dipper/Bottle		A-Teflon C-PVC X-Other: <u> </u>
X-Other: <u> </u>			B-Stainless Steel D-Polypropylene	

WELL DATA	Well Elevation (at TOC)	12284 (ft/msl)	Depth to Water (DTW) (from TOC)	1058 (ft)	Groundwater Elevation (site datum, from TOC)	11226 (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.

	Sample Time (2400 Hr Clock)	Rate/Unit	pH (sid)	Conductance (SC/EC) ($\mu\text{mhos/cm}$ @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
	10:46	0.58	49.2	47	21.1	84	12		
	10:48	0.58	49.3	49	21.1	78	13		
	10:50	0.58	49.7	52	21.1	81	13		
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- .3%	-	-	+/- 10%	+/- 25 mV	Stabilize	

Suggested range for 3 consec. readings or
note Permit/State requirements:

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	pH	CONDUCTANCE	TEMP.	TURBIDITY	DO	eH/ORP	Other:
	(MM DD YY)	(std)	(umhos/cm @ 25°C)	(°C)	(ntu)	(mg/L-ppm)	(mV)	Units
	03 22 05	7.97	52	21.1	81	13		

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

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: NW 0-5 Outlook: cloudy 80°F Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required):

COMMENTS: CALC: $18.00 - 10.58 = 7.42 \times 0.163 = 1.21 \times 3 = 3.63$
FLOW: $26 \times 4 = 104 \div 60 = 1.73 \times 3.63 = 6.3$
ACTUAL: $11 \div 1.73 = 6.36$

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

3, 22, 05 DAN ARMOUR  Pre-Tech

Date Name Signature Company

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

WASTE MANAGEMENT

Site No.:

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 Sample Point:

m	w	8	2	2	5
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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:

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:

PURGESAMPLE 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	Filter Type: ☐ 1	A-In-line Disposable B-Pressure	C-Vacuum X-Other _____
	Sampling Device ☐ C					
	X-Other: _____			Sample Tube Type: ☐ D	A-Teflon B-Stainless Steel	C-PVC D-Polypropylene
						X-Other: _____

WELL DATA

Well Elevation (at TOC)	126.97 (ft/msl)	Depth to Water (DTW) (from TOC)	12.17 (ft)	Groundwater Elevation (site datum, from TOC)	114.80 (ft/msl)
Total Well Depth (from TOC)	26.00 (ft)	Stick Up (from ground elevation)		Casing ID	2 (in)
				Casing Material	PVC

[illegible]

Suggested range for 3 consec. readings or
note Permit/State requirements:

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	pH	CONDUCTANCE	TEMP.	TURBIDITY	DO	eH/ORP	Other:
	(MM DD YY)	(std)	(umhos/cm @ 25°C)	(°C)	(ntu)	(mg/L-ppm)	(mV)	Units
	03/22/05	56.9	188	18.8	1.63			

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: _____ Odor: _____ Color: _____ Other: No Sheen
Weather Conditions (required daily, or as conditions change): Direction/Speed: NW 0-5 Outlook: cloudy 95°F Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

FIELD COMMENTS

CACC: $26.00 - 12.17 = 13.83 \times 0.103 = 2.23 \times 3 = 6.76$
Flow: $12 \times 4 = 68 \div 60 = 1.133 \times 6.76 = 7.66$
ACTUALS $13 \div 1.133 = 11.5$

Completed DUP02 e mwb225

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

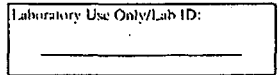
3, 22, 05 DAN ARMOUR  ProTech

Date Name Signature Company

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

902-2



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).

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.

Purging and Sampling Equipment ... Dedicated: ☒ Y or ☐ N

Purging Device ☐ C A-Submersible Pump D-Bailer
B-Peristaltic Pump E-Piston Pump
Sampling Device ☐ C C-QED Bladder Pump F-Dipper/Bottle

X-Other: _____

Filter Device: ☐ Y or ☒ N or (circle or fill in)

Filter Type: ☐ - A-In-line Disposable C-Vacuum
B-Pressure X-Other _____

Sample Tube Type: ☐ A A-Teflon C-PVC X-Other: _____
B-Stainless Steel D-Polypropylene

Well Elevation (at TOC)	12842 (ft/msl)	Depth to Water (DTW) (from TOC)	653 (ft)	Groundwater Elevation (site datum, from TOC)	12189 (ft/msl)
Total Well Depth (from TOC)	1550 (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 <i>gpm</i>	pH (std)	Conductance (SC/EC) (μ mhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
	08:02	0.6	1 st 4.54	1 st 89	19.9	6.6	1.1		
	08:04	0.6	2 nd 4.55	2 nd 88	17.9	6.4	1.0		
	08:06	0.6	3 rd 4.56	3 rd 87	17.9	6.2	1.0		
			4 th	4 th					
Suggested range for 3 consec. readings or note Permit/State requirements:			+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Suggested range for 3 consec. readings or note Permit/State requirements:	+/- 0.2	+/- 3%	--	-	+/- 10%	+/- 25 mV	Stabilize
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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/State. 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	pH	CONDUCTANCE	TEMP.	TURBIDITY	DO	eH/ORP	Other:
	(MM DD YY)	(std)	(umhos/cm @ 25°C)	(°C)	(ntu)	(mg/L-ppm)	(mV)	Units
	032305	456	87	17.9	62	10		

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: W 0-5 Outlook: cloudy 75° Precipitation: Y or ☐
Specific Comments (including purge/well volume calculations if required): _____

FIELD COMMENTS

CALC: $15,50 - 653 = 8,97 \times 0,163 = 1,462 \times 3 = 4,39$
Flow: $24 \times 4 = 96 \div 60 = 1,6 \times 4,39 = 7,02$
ACTUAL: $12 \div 1,6 = 7,5$

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

3, 23, 05 DAN ARMOUR  Pro-Tech

Date Name Signature Company

DISTRIBUTION: THREE-ORIGINAL. Stamp with Sample YELLOW. Returned to Client: PINK. Field Copy.

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

WASTE MANAGEMENT

This Waste Management Field Information Form is Required

This form is to be completed, in addition to any State Forms. The Field Form submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Library Use Only/Lih ID:

Site No.:

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 Sample Point:

m	w	B	2	7	I
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Sample ID

PURGE INFO	032305	0715	34	91	319	35
	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

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: ☒ or ☐		Filter Device: ☐ or ☒ 0.45 μ or ☐ μ (circle or fill in)	
	Purging Device ☐	A- Submersible Pump B- Peristaltic Pump C- QED Bladder Pump	D- Bailor E- Piston Pump F- Dipper/Bottle	Filter Type: ☐
	Sampling Device ☐			A- In-line Disposable B- Pressure C- Vacuum X- Other
	X- Other: ☐			A- Teflon B- Stainless Steel C- PVC D- Polypropylene X- Other: ☐
			Sample Tube Type: ☐	

WELL DATA	Well Elevation (at TOC)	12863 (ft/msl)	Depth to Water (DTW) (from TOC)	671 (ft)	Groundwater Elevation (site datum, from TOC)	12192 (ft/msl)
	Total Well Depth (from TOC)	6350 (ft)	Stick Up (from ground elevation)		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.

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.

STABILIZATI JATA (Optional)	Sample Time (2400 Hr Clock)	Rate/Unit 30m	pH (std)	Conductance (SC/EC) (µmbos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
		07144	0.9	1" 536	1" 57	20.6	133	1.0	
	07146	0.9	2" 541	2" 57	20.6	130	1.0		
	07148	0.9	3" 548	3" 56	20.6	130	0.9		
			4"	4"					
Suggested range for 3 consec. readings or note Permit/State requirements:			+/- 0.2	+/- 3%	-	-	+/- 10%	+/- 25 mV	Stabilize

Suggested range for 3 consec. readings on
note Permit/State requirements:

 ± 0.2

+/- 3%

100

+/- 11%

± 25 mV

Stabiliz

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	pH	CONDUCTANCE	TEMP.	TURBIDITY	DO	eH/ORP	Other:
	(MM DD YY)	(std)	(umhos/cm @ 25°C)	(°C)	(ntu)	(mg/L-ppm)	(mV)	Units
	03/23/05	54.8	56	20.6	130	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: LEAF Odor: SLIGHT Color: NONE Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: ~~EAT~~ 0-5 Outlook: clwy in 70°F Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

CALC: $62.50 - 6.71 = 55.79 \times 0.163 = 9.09 \times 3 = 27.28$

Flow: $16 \times 4 = 64 \div 60 = 1.067 \times 27.28 = 29.1$

ACTUAL: $34 \div 1.067 = 31.9$

COMPLETED DUP03 @ MWS27I

I certify that sampling procedures were in accordance with applicable EPA, State, and ~~WM~~ protocols (if more than one sampler, all should sign):

3, 23, 05 DAN ARMOUR

[Signature]

Pro-784

Date _____

Name _____

Signature

Company

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

WWM
WASTE MANAGEMENT

Site No.:		Sample Point:	m w B 27 D
			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	032305	0812	21	33	131	40
	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

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: ☒ or ☐		Filter Device: ☐ or ☒ 0.45 μ or ☐ μ (circle or fill in)	
	Purging Device ☐	A-Submersible Pump B-Peristaltic Pump C-QED Bladder Pump	D-Bailer E-Piston Pump F-Dipper/Bottle	Filter Type: ☐
	Sampling Device ☐			A-In-line Disposable B-Pressure C-Vacuum X-Other
	X-Other: ☐			A-Teflon B-Stainless Steel C-PVC D-Polypropylene X-Other: ☐
			Sample Tube Type: ☐	

WELL DATA	Well Elevation (at TOC)	12888 (ft/msl)	Depth to Water (DTW) (from TOC)	708 (ft)	Groundwater Elevation (site datum, from TOC)	12780 (ft/msl)
	Total Well Depth (from TOC)	11600 (ft)	Stick Up (from ground elevation)		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.

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)				
		08128	0.6 1"	6.03 1"	1106 1"	20.4 1"	0.6 1"	11.0 1"					
	08130	0.6 2"	6.04 2"	1106 2"	20.4 2"	0.4 2"	11.0 2"						
	08132	0.6 3"	6.05 3"	1106 3"	20.4 3"	0.3 3"	10.9 3"						
Suggested range for 3 consec. readings or avg. Permitt./State requirements:		+/- 0.2		+/- 3%		--		+/- 10%		+/- 25 mV		Stabilize	

Suggested range for 3 consec. readings or
note Permit/State requirements:

 ± 0.2

+/- 3%

44

88

+/- 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	pH	CONDUCTANCE	TEMP.	TURBIDITY	DO	eH/ORP	Other:
	(MM DD YY)	(std)	(umhos/cm @ 25°C)	(°C)	(ntu)	(mg/L-ppm)	(mV)	Units
	03/23/05	6.05	106	20.4	0.3	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 Steam

Weather Conditions (required daily, or as conditions change): Direction/Speed: W 0-5 Outlook: cloudy 75°F Precipitation: Y or (N)

Weather Conditions (required daily, or as conditions change): Direction/Speed: W 0-5 Outlook: cloudy 75°F Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required): Purge Mises sat @ 90.00 ft

CALC: $110,00 - 90,00 = 20,00 \times 0,163 = 3,26 \times 3 = 9,78$

Flow: $25 \times 4 = 100 \div 60 = 1.67 \times 9.78 = 16.30$

ACTUAL: $21 \div 1,6 = 13,1$

RELATIONSHIP

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

3, 23, 05 Dan Armour  Pro-Tech

Date _____ Name _____ Signature _____ Company _____

DISTRIBUTION: WHITE/ORIGINAL - Store with Sample YELLOW - Returned to Client PINK - Field Copy

DISTRIBUTION: WHITE/ORIGINAL - Stars with Sample, YELLOW - Returned to Client, PINK - Field Copy

FIELD INFORMATION FORM

902-6



Site Name: TRAIL RIDGE
Site No.:
Sample Point: MWB29D
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: 032305 0933 110 115 99 53
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

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 D-Bailer Filter Type: - A-In-line Disposable C-Vacuum
Sampling Device: C B-Peristaltic Pump E-Piston Pump B-Pressure X-Other:
X-Other: C-OED Bladder Pump F-Dipper/Bottle Sample Tube Type: A A-Teflon C-PVC X-Other:
B-Stainless Steel D-Polypropylene

WELL DATA: Well Elevation (at TOC) 13818 (ft/msl) Depth to Water (DTW) (from TOC) 627 (ft) Groundwater Elevation (site datum, from TOC) 13191 (ft/msl)
Total Well Depth (from TOC) 11050 (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/Site. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional):
Sample Time (2400 Hr Clock) Rate/Unit pH (std) Conductance (SC/EC) (umhos/cm @ 25 °C) Temp. (°C) Turbidity (ntu) D.O. (mg/L - ppm) eH/ORP (mV) DTW (ft)
0938 0.79 1 563 1 69 212 110 09
0940 0.79 2 566 2 69 212 110 08
0942 0.79 3 567 3 69 212 110 08
Suggested range for 3 consec. readings or note Permit/State requirements: ± 0.2 $\pm 3\%$ $\pm 10\%$ ± 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:
032305 564 69 212 110 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).

Sample Appearance: CLEAR Odor: NONE Color: NONE Other: No foam
Weather Conditions (required daily, or as conditions change): Direction/Speed: W 0-5 Outlook: cloudy 75°F Precipitation: Y or (N)
Specific Comments (including purge/well volume calculations if required): Purge meter set @ 101.50 ft

FIELD COMMENTS: CALC: 110.50 - 101.50 = 9.00 9.00 / 0.163 = 1.467 x 3 = 4.40
Flow: 19 x 4 = 76 / 60 = 1.267 x 4.40 = 5.57
ACTUAL: 10 / 1.267 = 7.9

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

3/23/05 DAN ARMAUR Pro-Tech

Date

Name

Signature

Company

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample. YELLOW - Returned to Client. PINK - Field Copy

STL-8029WM R: 12/00

WASTE MANAGEMENT

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	032305	1050	112	19	86	45
	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

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 <u>1.00</u> 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	Filter Type: ☒ A	A-In-line Disposable B-Pressure	C-Vacuum X-Other _____
	Sampling Device ☒ C					
	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)	841 (ft)	Groundwater Elevation (site datum, from TOC)	10623 (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 StielPermit. Well Elevation, DTW, and Groundwater Elevation must be current.

	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)
STABILIZATION A (Optional)	10517	5pm 0.7	1 st 529	1 st 92	19.8	345	0.7		
	10519	0.7	2 nd 523	2 nd 86	19.8	348	0.6		
	11101	0.7	3 rd 523	3 rd 83	19.8	342	0.6		
	:		4 th	4 th					
	:								
	:								
	:								
	:								
	:								
Suggested range for 3 consec. readings or note Permit/State requirements:			+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Suggested range for 3 consec. readings or
note Permit/State requirements:

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.

ELD DATA	SAMPLE DATE	pH	CONDUCTANCE	TEMP.	TURBIDITY	DO	eH/ORP	Other:
	(MM DD YY)	(std)	(umhos/cm @ 25°C)	(°C)	(ntu)	(mg/L-ppm)	(mV)	Units
	032305	523	83	19.8	342	06		

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 Stench
Weather Conditions (required daily, or as conditions change): Direction/Speed: W 0-5 Outlook: cloudy 80°F Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

COMMENTS

EALC:	$19.90 - 8.41 = 11.49 \times 0.163 = 1.87 \times 3 = 5.62$
Flow:	$21 \times 4 = 84 \div 60 = 1.4 \times 5.62 = 7.87$
ACTUAL:	$12 \div 1.4 = 8.6$

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

3,23,05 Dan Armer

[Handwritten signature]

Pre-Tech

Date _____

Name

Signature

Company

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample. YELLOW - Returned to Client. PINK - Field Copy

WASTE MANAGEMENT

Laboratory Use Only/Lab ID:

Nine: 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.

WELL DATA	Well Elevation (at TOC)	12479 (ft/msl)	Depth to Water (DTW) (from TOC)	800 (ft)	Groundwater Elevation (site datum, from TOC)	11679 (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 State/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

Suggested range for 3 consec. readings or
note Permit/State requirements:

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.

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).

Specific Comments (including purge/well volume calculations if required):

FIELD CO.

Company

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

WASTE MANAGEMENT

Laboratory Use Only/Lab ID:

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:

WELL DATA	Well Elevation (at TOC)	12493 (ft/msl)	Depth to Water (DTW) (from TOC)	840 (ft)	Groundwater Elevation (site datum, from TOC)	11653 (ft/msl)
	Total Well Depth (from TOC)	10881 (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 SittlPermit. Well Elevation, DTW, and Groundwater Elevation must be current.

Suggested range for 3 consec. readings or
note Permit/State requirements:

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.

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).

ACTUAL: $13 \div 1.133 \approx 11.5$

Protocol

Company

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

WASTE MANAGEMENT

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:

Sample ID

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:

Sample Tube Type: A

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.

Suggested range for 3 consec. readings or
note Permit/State requirements:

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 Stabil/Permit/State. 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.

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.

Weather Conditions (required daily, or as conditions change): Direction/Speed: E 0-5 Outlook: clear 75°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 WJM protocols (if more than one sampler, all should sign):

Name _____

Signature

Company

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

WMM
WASTE MANAGEMENT

Site		Sample	
No.:		Point:	MWB34I
			Sample ID

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/Inhibitor

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 1.00 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	A-In-line Disposable B-Pressure C-Vacuum X-Other _____
	Sampling Device C			
	X-Other: _____			
		Filter Type: A	A-Teflon B-Stainless Steel C-PVC D-Polypropylene X-Other: _____	
		Sample Tube Type: A		

WELL DATA

Well Elevation (at TOC)	<u>12580</u> (ft/msl)	Depth to Water (DTW) (from TOC)	<u>971</u> (ft)	Groundwater Elevation (site datum, from TOC)	<u>11609</u> (ft/msl)
Total Well Depth (from TOC)	<u>5395</u> (ft)	Stick Up (from ground elevation)	<u> </u> (ft)	Casing ID	<u>2</u> (in)
				Casing Material	<u>PVC</u>

Note: Total Well Depth, Stick Up, Casing, 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)	chl/ORP (mV)	DTW (ft)				
		08:11	1.1	54.8	45	21.7	32.0	1.4					
	08:12	1.1	53.9	45	21.8	31.9	1.4						
	08:14	1.1	53.7	44	21.7	31.7	1.4						
Suggested range for 3 consec. readings or avg. Density (6 days or more consec.)		+/- 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	pH	CONDUCTANCE	TEMP.	TURBIDITY	DO	eH/ORP	Other:
	(MM DD YY)	(std)	(umhos/cm @ 25°C)	(°C)	(ntu)	(mg/L-ppm)	(mV)	Units
	03/24/05	53.2	44	21.7	31.7	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).

Sample Appearance: SLT. cloudy Odor: NONE Color: WHITE TINT Other: NO SHEEN
Weather Conditions (required daily, or as conditions change): Direction/Speed: E 0-5 Outlook: clear 75°F Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

COMMENTS: CALC: $53.95 - 9.71 = 44.24 \times 0.163 = 7.21 \times 3 = 21.6$
FLOW: $14 \times 4 = 56 \div 60 = 0.933 \times 21.6 = 20.18$
ACTUAL: $25 \div 0.933 = 26.8$

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

3,24,05 DAN ARMOUR

Date _____

Name _____

Signature

Соправу

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

WMM
WASTE MANAGEMENT

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	032405	0658	46	148	493	33
	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

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.

SOURCE/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- Bailor E- Piston Pump F- Dipper/Bottle	Filter Type: ☐ -	A- In-line Disposable B- Pressure C- Vacuum X- Other	
	Sampling Device ☐ C			Sample Tube Type: ☒ A	A- Teflon B- Stainless Steel C- PVC D- Polypropylene X- Other:	
	X- Other:					

WELL DATA	Well Elevation (at TOC)	12592 (ft/msl)	Depth to Water (DTW) (from TOC)	970 (ft)	Groundwater Elevation (site datum, from TOC)	11632 (ft/msl)
	Total Well Depth (from TOC)	10078 (ft)	Stick Up (from ground elevation)		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.

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 TIME (Optional)	Sample Time (2400 Hr Clock)	Rate/Unit <i>gpm</i>	pH (std)	Conductance (SC/EC) (umhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	cH/ORP (mV)	DTW (ft)
		071319	1.1	7.16	436	21.3	0.8	0.9	
	071411	1.1	7.21	435	21.3	0.7	0.9		
	071413	1.1	7.23	434	21.3	0.7	0.8		
Suggested range for 3 consec. readings or prev. Permit/State requirements:			+/- 0.2	+/- 3%	-	-	+/- 10%	+/- 25 mV	Stabilize

Suggested range for 3 consec. readings or
note Permit/State requirements:

Stabilization Date Fields on

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.

ELD 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 _____
	032405	7.23	434	21.3	0.7	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 SHADE
Weather Conditions (required daily, or as conditions change): Direction/Speed: E 0-5 Outlook: clear 70°F Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

FIELD COMMENTS

CALC: $100.78 - 9.70 = 91.08 \times 0.163 = 14.8 \times 3 = 44.54$
 Flow: $14 \times 4 = 56 \div 60 = 0.933 \times 44.54 = 41.57$
 ACTUAL: $46 \div 0.933 = 49.3$

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

3,24,05 DAN ARMOUR

Pre-Tow

Date _____

Name

Signature

Company

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample. YELLOW - Returned to Client. PINK - Field Copy

WASTE MANAGEMENT

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:

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.

Filter Device: Y or ☒ N 0.45 μ or ☐ μ (circle or fill 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.

Suggested range for 3 consec. readings or
note Permit/State requirements:

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.

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).

Weather Conditions (required daily, or as conditions change):

Composite of Tanks #1 thru #5

3,24,05 Dan Arnold

Date Name Signature Company

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

WMM
WASTE MANAGEMENT

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:

Site No.:

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 Sample Point:

L	D	S	S
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Sample ID

PURGE INFO	032405					
	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

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 or μ (circle or fill in)

Purging Device A- Submersible Pump D-Bailer
B-Peristaltic Pump E-Piston Pump
Sampling Device ☒ X C-QED Bladder Pump F-Dipper/Bottle

Filter Type: ☒ A-In-line Disposable C-Vacuum
B-Pressure X-Other _____

X-Other: _____ A-Teflon C-PVC X-Other: _____
B-Stainless Steel D-Polypropylene

Sample Port on Leachate System Tank #6 Sample Tube Type: _____

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 (in)	Casing Material

Note: Total Well Depth, Stick Up, Casing ID are optional and can be from historical data, unless provided by State agency.

Well Elevation, DTW and Groundwater Elevation must be correct.

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.

[illegible]

**Suggested range for 3 consec. readings or
note Permit/State requirements:**

 $+/- 0.2$

+/- 3%

1

10

+/- 30%

± 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	pH	CONDUCTANCE	TEMP.	TURBIDITY	DO	eH/ORP	Other:
	(MM DD YY)	(std)	(umhos/cm @ 25°C)	(°C)	(ntu)	(mg/L-ppm)	(mV)	Units
	03 24 05	7.22	2907	22.6	854	0.4		

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: silt, cloudy Odor: odor Color: Brown / Gray Other: silt, sheen

Weather Conditions (required daily, or as conditions change): Direction/Speed: E 0-5 Outlook: clear 80°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):

3,24,05

DAW ARMOR

[Handwritten signature]

Pre-Town

Date _____

Name: _____

Signature

Company

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

FIELD INFORMATION FORM 933-1



Site Name: TRAIL RIDGE
 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: 03/24/05 11:15 11:15 11:15 11:15 11:15
 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

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-Submersible Pump D-Bailer A-In-line Disposable C-Vacuum
 Sampling Device: X B-Peristaltic Pump E-Piston Pump B-Pressure X-Other
 X-Other: Sample Port on Cond. System Sample Tube Type: A-Teflon C-PVC X-Other:
 B-Stainless Steel D-Polypropylene

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 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) (μ mhos/cm @ 25°C) Temp. (°C) Turbidity (ntu) D.O. (mg/L - ppm) eH/ORP (mV) DTW (ft)
11:15 NA 1" 6.63 1" 3911 26.6 7.9 11.9
 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
03/24/05 6.63 3911 26.6 7.9 11.9

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: ODOR Color: NONE Other: NOSHOWN

Weather Conditions (required daily, or as conditions change): Direction/Speed: E 0-5 Outlook: clear 80°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):

3/24/05 DAN ARMOUR

Proton

Date

Name

Signature

Company

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

WASTE MANAGEMENT

Site No.:

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 Sample Point:

E	B		
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 Sample ID

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	PURGE TIME	ELAPSED HRS	WATER VOL IN CASING	ACTUAL VOL PURGED	WELL VOLs PURGED
	(MM DD YY)	(2400 Hr Clock)	(hrs:min)	(Gallons)	(Gallons)	
	032405	11	1	1	1	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		Filter Device: ☐ Y or ☒ N		0.45 μ or ☐ μ (circle or fill in)	
	Purging Device ☐	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	
	Sampling Device ☒				A-Teflon B-Stainless Steel C-PVC D-Polypropylene X-Other	
	X-Other: <u>Sample Bottle</u>			Sample Tube Type: ☒		

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 (in)	Casing Material

Note: Total Well Depth, Stick Up, Casing ID, etc. are optional and can be from historical data, unless required by SuelPermit. Well Elevation, DTW, and Groundwater Elevation must be current.

[illegible]

Suggested range for 3 consec. readings or
note Permit/State requirements:

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	pH	CONDUCTANCE	TEMP.	TURBIDITY	DO	eH/ORP	Other: _____
	(MM DD YY)	(std)	(umhos/cm @ 25°C)	(°C)	(ntu)	(mg/L-ppm)	(mV)	Units _____
	03 24 05	6.82	1	20.4	0.2	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: E 0-5 Outlook: clear 80°F Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required):

Equipment Blank water provided by SL- Denver

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

3,24/05 DAN Aermosa  pre-t-ur

Date _____

Name _____

Signature

Company

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

WMM
WASTE MANAGEMENT

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:

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.

Sample Tube Type:

WELL DATA	Well Elevation (at TOC)	Depth to Water (DTW) (from TOC)	Groundwater Elevation (site datum, from TOC)	
		(ft/msl)		(ft)
Total Well Depth (from TOC)		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.

Suggested range for 3 consec. readings or
note Permit/State requirements:

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.

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).

Weather Conditions (required daily, or as conditions change):

Color: None

Other NO Shoen

Weather Conditions (required daily, or as conditions change):

Direction/Speed: E 10-5

Outlook: 60 to 80%

Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

FIELD BLANK. WATER PROVIDED BY SIL-DENVER

I certify that sampling procedures were in accordance with applicable EPA, State, and VM protocols ~~(if more than one sampler, all should sign)~~:

3, 24, 05 DAN ARMOUR

le, and WM protocols (in more th

Pre-Ten

Date _____

Name

Signature

Company

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 SEMI-ANNUAL SW

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-III-F
 (i.e.: LC - Leachate, G-II, SW-III-F)

Sample Date/Time: 3/24/2005 1:00:00PM
 Sampling Method: Grab
 Permitted
 Well Type: OT

(AS) Assessment (IW) Irrigation Well
 (BG) Background (OT) Other
 (CO) Compliance (PZ) Piezometer
 (DE) Detection (SO) Source
 (DG) Downgradient (UP) Upgradient
 (IM) Intermediate (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
034511	1,1,2-Trichloroethane	N	E84282	8260B	4/1/2005 5:05:00AM	0.47	0.47	ug/L	U
081552	Acetone	N	E84282	8260B	4/1/2005 5:05:00AM	9.9	9.9	ug/L	U
000403	pH	N	E84282	150.1	3/24/2005 1:00:00PM	3.96		SU	
001067	Nickel	N	E84282	200.7 Rev 4.4	4/4/2005 2:02:00PM	4.7	4.7	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	4/1/2005 5:05:00AM	1	1	ug/L	U
000010	Temperature	N	E84282	170.1	3/24/2005 1:00:00PM	21.3		Degrees C	
082079	Turbidity	N	E84282	180.1	5/3/2005 10:08:00AM	5.1		NTU	
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	4/1/2005 6:02:00PM	0.003	0.003	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	4/1/2005 5:05:00AM	0.63	0.63	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	4/1/2005 5:05:00AM	0.83	0.83	ug/L	U
046369	Ethylene Dibromide	N	E84282	504.1	4/1/2005 6:02:00PM	0.0087	0.0087	ug/L	U
078133	methyl isobutyl ketone	N	E84282	8260B	4/1/2005 5:05:00AM	3.8	3.8	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	4/1/2005 5:05:00AM	1.2	1.2	ug/L	U
034501	1,1-Dichloroethylene	N	E84282	8260B	4/1/2005 5:05:00AM	0.45	0.45	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	4/1/2005 5:05:00AM	0.15	0.15	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	4/1/2005 5:05:00AM	0.44	0.44	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	4/1/2005 5:05:00AM	0.57	0.57	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	4/1/2005 5:05:00AM	0.52	0.52	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	4/1/2005 5:05:00AM	0.52	0.52	ug/L	U
077103	2-Hexanone	N	E84282	8260B	4/1/2005 5:05:00AM	4.4	4.4	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	4/1/2005 5:05:00AM	0.46	0.46	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	4/1/2005 5:05:00AM	0.58	0.58	ug/L	U
032238	Chlorophyll-A	N	E84589	10200H	4/13/2005 5:17:00PM	16	1	mg/m3	
031616	Fecal Coliform (MF)	N	E82574	9222D	4/13/2005 5:17:00PM	20	1	cfu/100ml	
039175	Vinyl chloride	N	E84282	8260B	4/1/2005 5:05:00AM	0.5	0.5	ug/L	U
032106	Chloroform	N	E84282	8260B	4/1/2005 5:05:00AM	0.9	0.9	ug/L	U
034311	Chloroethane	N	E84282	8260B	4/1/2005 5:05:00AM	0.8	0.8	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	4/1/2005 5:05:00AM	0.63	0.63	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	4/1/2005 5:05:00AM	0.85	0.85	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	4/1/2005 5:05:00AM	0.42	0.42	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	4/1/2005 5:05:00AM	0.52	0.52	ug/L	U
032104	Bromoform	N	E84282	8260B	4/1/2005 5:05:00AM	0.58	0.58	ug/L	U
034418	Chloromethane	N	E84282	8260B	4/1/2005 5:05:00AM	0.64	0.64	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	4/1/2005 5:05:00AM	0.65	0.65	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	4/1/2005 5:05:00AM	0.14	0.14	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	4/1/2005 5:05:00AM	0.34	0.34	ug/L	U
077424	Iodomethane	N	E84282	8260B	4/1/2005 5:05:00AM	0.67	0.67	ug/L	U
046361	Methylene bromide	N	E84282	8260B	4/1/2005 5:05:00AM	0.41	0.41	ug/L	U
034030	Benzene	N	E84282	8260B	4/1/2005 5:05:00AM	0.27	0.27	ug/L	U
000299	Oxygen, Dissolved	N	E84282	360.1	5/3/2005 10:09:00AM	3.5		mg/L	
081595	Methyl Ethyl Ketone	N	E84282	8260B	4/1/2005 5:05:00AM	8.4	8.4	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	4/1/2005 5:05:00AM	0.35	0.35	ug/L	U
077128	Styrene	N	E84282	8260B	4/1/2005 5:05:00AM	0.98	0.98	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	4/1/2005 5:05:00AM	0.34	0.34	ug/L	U

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

Printed: 5/3/2005

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Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 17209
WACS Testsite Name: SW-1
Water Classification: SW-IIIIF
(i.e.: LC - Leachate, G-II, SW-IIIIF)

Sample Date/Time: 3/24/2005 1:00:00PM
Sampling Method: Grab
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
034010	Toluene	N	E84282	8260B	4/1/2005 5:05:00AM	0.51	0.51	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	4/1/2005 5:05:00AM	0.44	0.44	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	4/1/2005 5:05:00AM	0.14	0.14	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	4/1/2005 5:05:00AM	2.5	2.5	ug/L	U
039180	Trichloroethene	N	E84282	8260B	4/1/2005 5:05:00AM	0.28	0.28	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	4/1/2005 5:05:00AM	0.98	0.98	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	4/1/2005 5:05:00AM	1.5	1.5	ug/L	U
000515	Total Dissolved Solids	N	E84282	160.1	3/31/2005 1:30:00PM	34	5	mg/L	
081551	Xylenes, Total	N	E84282	8260B	4/1/2005 5:05:00AM	0.98	0.98	ug/L	U
000530	Total Suspended Solids	N	E84282	160.2	3/29/2005 7:20:00PM	7	5	mg/L	
000610	Ammonia	N	E84282	350.1	4/1/2005 4:30:00PM	0.1	0.04	mg/L	
000620	Nitrate Nitrogen	N	E84282	353.2	3/26/2005 8:18:00AM	0.01	0.01	mg/L	U
000615	Nitrite Nitrogen	N	E84282	353.2	3/26/2005 8:18:00AM	0.01	0.01	mg/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	4/1/2005 5:05:00AM	0.14	0.14	ug/L	U
034413	Bromomethane	N	E84282	8260B	4/1/2005 5:05:00AM	0.66	0.66	ug/L	U
000680	Total Organic Carbon	N	E84282	415.1	4/8/2005 5:17:00PM	36	5.3	mg/L	
000310	Biochemical Oxygen Demand	N	E84282	405.1	3/26/2005 8:00:00AM	2	2	mg/L	U
000665	Phosphorus, Total	N	E84282	365.2	4/12/2005 8:00:00PM	0.058	0.017	mg/L	I
000610	Unionized Ammonia	N	E84282	UnionizedNH3	4/27/2005 2:47:00PM	0.01	0.01	mg/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	4/4/2005 2:02:00PM	0.71	0.71	ug/L	U
001051	Lead	N	E84282	200.7 Rev 4.4	4/4/2005 2:02:00PM	1.5	1.5	ug/L	U
001007	Arsenic	N	E84282	200.7 Rev 4.4	4/4/2005 2:02:00PM	3.8	3.8	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	4/4/2005 2:02:00PM	52	1.2	ug/L	
000630	Nitrate Nitrite Nitrogen	N	E84282	353.2	3/26/2005 8:18:00AM	0.01	0.01	mg/L	U
001042	Copper	N	E84282	200.7 Rev 4.4	4/4/2005 2:02:00PM	1.3	1.3	ug/L	U
000927	Magnesium	N	E84282	200.7 Rev 4.4	4/4/2005 2:02:00PM	1.4	0.11	mg/L	
001097	Antimony	N	E84282	200.7 Rev 4.4	4/4/2005 2:02:00PM	2.9	2.9	ug/L	U
001012	Beryllium	N	E84282	200.7 Rev 4.4	4/4/2005 2:02:00PM	0.74	0.74	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	4/4/2005 2:02:00PM	1.8	1.7	ug/L	I
001037	Cobalt	N	E84282	200.7 Rev 4.4	4/4/2005 2:02:00PM	1.4	1.4	ug/L	U
000600	Nitrogen, Total	N	E84282	Total Nitrogen	4/27/2005 2:40:00PM	0.85	0.13	mg/L	
001087	Vanadium	N	E84282	200.7 Rev 4.4	4/4/2005 2:02:00PM	2.5	2.5	ug/L	U
000094	Specific Conductance	N	E84282	120.1	5/3/2005 9:56:00AM	128		umhos/cm	
000900	Hardness as calcium carbonate	N	E84282	2340B	4/13/2005 5:17:00PM	13	3.3	mg/L	
071900	Mercury	N	E84282	245.1	3/31/2005 5:12:00PM	0.072	0.072	ug/L	U
001059	Thallium	N	E84282	200.8	4/9/2005 1:29:00AM	0.2	0.2	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	4/4/2005 2:02:00PM	15	5.9	ug/L	I
001077	Silver	N	E84282	200.7 Rev 4.4	4/4/2005 2:02:00PM	1.9	1.9	ug/L	U
000340	Chemical Oxygen Demand	N	E84282	5220C	4/5/2005 9:00:00AM	130	20	mg/L	
074010	Iron	N	E84282	200.7 Rev 4.4	4/4/2005 2:02:00PM	1.1	0.037	mg/L	
001147	Selenium	N	E84282	200.7 Rev 4.4	4/4/2005 2:02:00PM	4.8	4.8	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.

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Form Produced by FDEP Validator software

Facility Name: TRAIL RIDGE SEMI-ANNUAL SW

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-IIIIF
 (i.e.: LC - Leachate, G-II, SW-IIIIF)

Sample Date/Time: 3/24/2005 12:30:00PM
 Sampling Method: Grab
 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
077093	cis-1,2-Dichloroethene	N	E84282	8260B	4/1/2005 5:24:00AM	0.65	0.65	ug/L	U
000094	Specific Conductance	N	E84282	120.1	5/3/2005 9:56:00AM	67		umhos/cm	
034511	1,1,2-Trichloroethane	N	E84282	8260B	4/1/2005 5:24:00AM	0.47	0.47	ug/L	U
000403	pH	N	E84282	150.1	3/24/2005 12:30:00PM	4.41		SU	
000010	Temperature	N	E84282	170.1	3/24/2005 12:30:00PM	20.1		Degrees C	
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	4/1/2005 7:26:00PM	0.0031	0.0031	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	4/1/2005 5:24:00AM	0.44	0.44	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	4/1/2005 5:24:00AM	0.14	0.14	ug/L	U
034501	1,1-Dichloroethylene	N	E84282	8260B	4/1/2005 5:24:00AM	0.45	0.45	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	4/1/2005 5:24:00AM	0.52	0.52	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	4/1/2005 5:24:00AM	0.15	0.15	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	4/1/2005 5:24:00AM	0.63	0.63	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	4/1/2005 5:24:00AM	0.46	0.46	ug/L	U
082079	Turbidity	N	E84282	180.1	5/3/2005 10:08:00AM	4.9		NTU	
032101	Bromodichloromethane	N	E84282	8260B	4/1/2005 5:24:00AM	0.35	0.35	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	4/1/2005 5:24:00AM	0.52	0.52	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	4/1/2005 5:24:00AM	0.52	0.52	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	4/1/2005 5:24:00AM	0.83	0.83	ug/L	U
000299	Oxygen, Dissolved	N	E84282	360.1	5/3/2005 10:09:00AM	7.6		mg/L	
077103	2-Hexanone	N	E84282	8260B	4/1/2005 5:24:00AM	4.4	4.4	ug/L	U
081552	Acetone	N	E84282	8260B	4/1/2005 5:24:00AM	9.9	9.9	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	4/1/2005 5:24:00AM	0.85	0.85	ug/L	U
034418	Chloromethane	N	E84282	8260B	4/1/2005 5:24:00AM	0.64	0.64	ug/L	U
046369	Ethylene Dibromide	N	E84282	504.1	4/1/2005 7:26:00PM	0.0089	0.0089	ug/L	U
034413	Bromomethane	N	E84282	8260B	4/1/2005 5:24:00AM	0.66	0.66	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	4/1/2005 5:24:00AM	0.42	0.42	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	4/1/2005 5:24:00AM	0.63	0.63	ug/L	U
034311	Chloroethane	N	E84282	8260B	4/1/2005 5:24:00AM	0.8	0.8	ug/L	U
032104	Bromoform	N	E84282	8260B	4/1/2005 5:24:00AM	0.58	0.58	ug/L	U
034030	Benzene	N	E84282	8260B	4/1/2005 5:24:00AM	0.27	0.27	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	4/1/2005 5:24:00AM	1.2	1.2	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	4/1/2005 5:24:00AM	0.34	0.34	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	4/1/2005 5:24:00AM	0.34	0.34	ug/L	U
077424	Iodomethane	N	E84282	8260B	4/1/2005 5:24:00AM	0.67	0.67	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	4/1/2005 5:24:00AM	8.4	8.4	ug/L	U
078133	methyl isobutyl ketone	N	E84282	8260B	4/1/2005 5:24:00AM	3.8	3.8	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	4/1/2005 5:24:00AM	1.5	1.5	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	4/1/2005 5:24:00AM	0.14	0.14	ug/L	U
001097	Antimony	N	E84282	200.7 Rev 4.4	4/4/2005 2:07:00PM	2.9	2.9	ug/L	U
000610	Unionized Ammonia	N	E84282	UnionizedNH3	4/27/2005 2:47:00PM	0.01	0.01	mg/L	U
034010	Toluene	N	E84282	8260B	4/1/2005 5:24:00AM	0.51	0.51	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	4/1/2005 5:24:00AM	0.44	0.44	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	4/1/2005 5:24:00AM	0.14	0.14	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	4/1/2005 5:24:00AM	2.5	2.5	ug/L	U

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

Printed: 5/3/2005

Page 1 of 2

Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 17210
WACS Testsite Name: SW-2
Water Classification: SW-IIIIF
(i.e.: LC - Leachate, G-II, SW-IIIIF)

Sample Date/Time: 3/24/2005 12:30:00PM
Sampling Method: Grab
Permitted
Well Type: OT

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (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
034531	1,2-Dichloroethane	N	E84282	8260B	4/1/2005 5:24:00AM	0.57	0.57	ug/L	U
001067	Nickel	N	E84282	200.7 Rev 4.4	4/4/2005 2:07:00PM	4.7	4.7	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	4/1/2005 5:24:00AM	1	1	ug/L	U
039180	Trichloroethene	N	E84282	8260B	4/1/2005 5:24:00AM	0.28	0.28	ug/L	U
032106	Chloroform	N	E84282	8260B	4/1/2005 5:24:00AM	0.9	0.9	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	4/1/2005 5:24:00AM	0.5	0.5	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	4/1/2005 5:24:00AM	0.98	0.98	ug/L	U
000515	Total Dissolved Solids	N	E84282	160.1	3/31/2005 1:30:00PM	5	5	mg/L	U
000530	Total Suspended Solids	N	E84282	160.2	3/29/2005 7:20:00PM	5	5	mg/L	U
000610	Ammonia	N	E84282	350.1	4/1/2005 4:30:00PM	0.04	0.04	mg/L	U
077128	Styrene	N	E84282	8260B	4/1/2005 5:24:00AM	0.98	0.98	ug/L	U
000620	Nitrate Nitrogen	N	E84282	353.2	3/26/2005 8:18:00AM	0.04	0.01	mg/L	I
000630	Nitrate Nitrite Nitrogen	N	E84282	353.2	3/26/2005 8:18:00AM	0.04	0.01	mg/L	I
000665	Phosphorus, Total	N	E84282	365.2	4/12/2005 8:00:00PM	0.031	0.017	mg/L	I
000310	Biochemical Oxygen Demand	N	E84282	405.1	3/26/2005 8:00:00AM	2	2	mg/L	U
000680	Total Organic Carbon	N	E84282	415.1	4/8/2005 5:17:00PM	12	1.1	mg/L	
000340	Chemical Oxygen Demand	N	E84282	5220C	4/5/2005 9:00:00AM	73	20	mg/L	
000600	Nitrogen, Total	N	E84282	Total Nitrogen	4/27/2005 2:40:00PM	0.35	0.13	mg/L	I
000615	Nitrite Nitrogen	N	E84282	353.2	3/26/2005 8:18:00AM	0.01	0.01	mg/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	4/1/2005 5:24:00AM	0.98	0.98	ug/L	U
001027	Cadmium	N	E84282	200.7 Rev 4.4	4/4/2005 2:07:00PM	0.71	0.71	ug/L	U
071900	Mercury	N	E84282	245.1	3/31/2005 5:17:00PM	0.072	0.072	ug/L	U
001092	Zinc	N	E84282	200.7 Rev 4.4	4/4/2005 2:07:00PM	5.9	5.9	ug/L	U
001087	Vanadium	N	E84282	200.7 Rev 4.4	4/4/2005 2:07:00PM	3	2.5	ug/L	I
001077	Silver	N	E84282	200.7 Rev 4.4	4/4/2005 2:07:00PM	1.9	1.9	ug/L	U
001147	Selenium	N	E84282	200.7 Rev 4.4	4/4/2005 2:07:00PM	4.8	4.8	ug/L	U
000927	Magnesium	N	E84282	200.7 Rev 4.4	4/4/2005 2:07:00PM	1.2	0.11	mg/L	
046361	Methylene bromide	N	E84282	8260B	4/1/2005 5:24:00AM	0.41	0.41	ug/L	U
001059	Thallium	N	E84282	200.8	4/9/2005 1:51:00AM	0.2	0.2	ug/L	U
001034	Chromium	N	E84282	200.7 Rev 4.4	4/4/2005 2:07:00PM	1.7	1.7	ug/L	U
001037	Cobalt	N	E84282	200.7 Rev 4.4	4/4/2005 2:07:00PM	1.4	1.4	ug/L	U
001012	Beryllium	N	E84282	200.7 Rev 4.4	4/4/2005 2:07:00PM	0.74	0.74	ug/L	U
001007	Barium	N	E84282	200.7 Rev 4.4	4/4/2005 2:07:00PM	90	1.2	ug/L	
001045	Iron	N	E84282	200.7 Rev 4.4	4/4/2005 2:07:00PM	0.39	0.037	mg/L	
001051	Lead	N	E84282	200.7 Rev 4.4	4/4/2005 2:07:00PM	1.5	1.5	ug/L	U
000900	Hardness as calcium carbonate	N	E84282	2340B	4/13/2005 5:17:00PM	9	3.3	mg/L	
032238	Chlorophyll-A	N	E82574	10200H	4/13/2005 5:17:00PM	1	1	mg/m3	U
031616	Fecal Coliform (MF)	N	E84589	9222D	4/13/2005 5:17:00PM	60	1	cfu/100ml	
001042	Copper	N	E84282	200.7 Rev 4.4	4/4/2005 2:07:00PM	1.3	1.3	ug/L	U
001002	Arsenic	N	E84282	200.7 Rev 4.4	4/4/2005 2:07:00PM	3.8	3.8	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	4/1/2005 5:24:00AM	0.58	0.58	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.

Printed: 5/3/2005

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Form Produced by FDEP Validator software

Facility Name: TRAIL RIDGE SEMI-ANNUAL SW

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 #: 0
 WACS Testsite Name: TRIP BLANK
 Water Classification: SW-IIIIF
 (i.e.: LC - Leachate, G-II, SW-IIIIF)

Sample Date/Time: 3/24/2005 12:30:00PM

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): N

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
034501	1,1-Dichloroethylene	N	E84282	8260B	4/1/2005 4:46:00AM	0.45	0.45	ug/L	U
046361	Methylene bromide	N	E84282	8260B	4/1/2005 4:46:00AM	0.41	0.41	ug/L	U
081552	Acetone	N	E84282	8260B	4/1/2005 4:46:00AM	9.9	9.9	ug/L	U
034311	Chloroethane	N	E84282	8260B	4/1/2005 4:46:00AM	0.8	0.8	ug/L	U
032106	Chloroform	N	E84282	8260B	4/1/2005 4:46:00AM	0.9	0.9	ug/L	U
034511	1,1,2-Trichloroethane	N	E84282	8260B	4/1/2005 4:46:00AM	0.47	0.47	ug/L	U
034541	1,2-Dichloropropane	N	E84282	8260B	4/1/2005 4:46:00AM	0.52	0.52	ug/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	4/1/2005 4:46:00AM	0.57	0.57	ug/L	U
034418	Chloromethane	N	E84282	8260B	4/1/2005 4:46:00AM	0.64	0.64	ug/L	U
077103	2-Hexanone	N	E84282	8260B	4/1/2005 4:46:00AM	4.4	4.4	ug/L	U
077443	1,2,3-Trichloropropane	N	E84282	8260B	4/1/2005 4:46:00AM	0.15	0.15	ug/L	U
034413	Bromomethane	N	E84282	8260B	4/1/2005 4:46:00AM	0.66	0.66	ug/L	U
034571	1,4-Dichlorobenzene	N	E84282	8260B	4/1/2005 4:46:00AM	0.52	0.52	ug/L	U
034496	1,1-Dichloroethane	N	E84282	8260B	4/1/2005 4:46:00AM	0.52	0.52	ug/L	U
034536	1,2-Dichlorobenzene	N	E84282	8260B	4/1/2005 4:46:00AM	0.44	0.44	ug/L	U
038437	1,2-Dibromo-3-Chloropropane	N	E84282	504.1	4/1/2005 7:47:00PM	0.0031	0.0031	ug/L	U
034704	cis-1,3-Dichloropropene	N	E84282	8260B	4/1/2005 4:46:00AM	0.14	0.14	ug/L	U
034506	1,1,1-Trichloroethane	N	E84282	8260B	4/1/2005 4:46:00AM	0.46	0.46	ug/L	U
077562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	4/1/2005 4:46:00AM	0.63	0.63	ug/L	U
046369	Ethylene Dibromide	N	E84282	504.1	4/1/2005 7:47:00PM	0.0089	0.0089	ug/L	U
034516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	4/1/2005 4:46:00AM	0.14	0.14	ug/L	U
081551	Xylenes, Total	N	E84282	8260B	4/1/2005 4:46:00AM	0.98	0.98	ug/L	U
077093	cis-1,2-Dichloroethene	N	E84282	8260B	4/1/2005 4:46:00AM	0.65	0.65	ug/L	U
078133	methyl isobutyl ketone	N	E84282	8260B	4/1/2005 4:46:00AM	3.8	3.8	ug/L	U
039175	Vinyl chloride	N	E84282	8260B	4/1/2005 4:46:00AM	0.5	0.5	ug/L	U
077057	Vinyl acetate	N	E84282	8260B	4/1/2005 4:46:00AM	1.5	1.5	ug/L	U
034488	Trichlorofluoromethane	N	E84282	8260B	4/1/2005 4:46:00AM	0.98	0.98	ug/L	U
039180	Trichloroethene	N	E84282	8260B	4/1/2005 4:46:00AM	0.28	0.28	ug/L	U
032105	Dibromochloromethane	N	E84282	8260B	4/1/2005 4:46:00AM	0.34	0.34	ug/L	U
034699	trans-1,3-Dichloropropene	N	E84282	8260B	4/1/2005 4:46:00AM	0.14	0.14	ug/L	U
034371	Ethylbenzene	N	E84282	8260B	4/1/2005 4:46:00AM	0.83	0.83	ug/L	U
034010	Toluene	N	E84282	8260B	4/1/2005 4:46:00AM	0.51	0.51	ug/L	U
034475	Tetrachloroethene	N	E84282	8260B	4/1/2005 4:46:00AM	0.34	0.34	ug/L	U
032102	Carbon tetrachloride	N	E84282	8260B	4/1/2005 4:46:00AM	0.42	0.42	ug/L	U
034423	Methylene Chloride	N	E84282	8260B	4/1/2005 4:46:00AM	1	1	ug/L	U
049263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	4/1/2005 4:46:00AM	2.5	2.5	ug/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	4/1/2005 4:46:00AM	8.4	8.4	ug/L	U
077041	Carbon disulfide	N	E84282	8260B	4/1/2005 4:46:00AM	0.85	0.85	ug/L	U
034546	trans-1,2-Dichloroethene	N	E84282	8260B	4/1/2005 4:46:00AM	0.44	0.44	ug/L	U
034301	Chlorobenzene	N	E84282	8260B	4/1/2005 4:46:00AM	0.63	0.63	ug/L	U
034215	Acrylonitrile	N	E84282	8260B	4/1/2005 4:46:00AM	1.2	1.2	ug/L	U
034030	Benzene	N	E84282	8260B	4/1/2005 4:46:00AM	0.27	0.27	ug/L	U
073085	Bromochloromethane	N	E84282	8260B	4/1/2005 4:46:00AM	0.58	0.58	ug/L	U
032101	Bromodichloromethane	N	E84282	8260B	4/1/2005 4:46:00AM	0.35	0.35	ug/L	U

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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Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 0
WACS Testsite Name: TRIP BLANK
Water Classification: SW-IIIIF
(i.e.: LC - Leachate, G-II, SW-IIIIF)

Sample Date/Time: 3/24/2005 12:30:00PM
Sampling Method: Unknown
Permitted
Well Type: OT

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

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

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	4/1/2005 4:46:00AM	0.58	0.58	ug/L	U
077424	Iodomethane	N	E84282	8260B	4/1/2005 4:46:00AM	0.67	0.67	ug/L	U
077128	Styrene	N	E84282	8260B	4/1/2005 4:46:00AM	0.98	0.98	ug/L	U

Total Parameters Monitored: 47

* 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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Appendix E

STL Laboratory Reports – Surface Water Sample Points



STL

ANALYTICAL REPORT

Job Number: 660-931.1

Job Description: Semi-annual SW/Trail Ridge

For:

HDR, Inc.
200 W. Forsyth St., Suite 800
Jacksonville, FL 32202

Attention: Mr. Brad Stone

Nancy Robertson
Project Manager I
nrobertson@stl-inc.com

05/03/2005

Methods: FDEP, 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.

METHOD SUMMARY

Client: HDR, Inc.

Job Number: 660-931.1

Description	Method	Preparation Method
Matrix: Water		
Volatile Organic Compounds by GC/MS Purge-and-Trap	SW846 8260B	SW846 5030B
EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography	EPA-01 504.1	
EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography (		EPA-DW 504.1
ICP Metals by 200.7 Total Recoverable Metals Digestion for 200.7	EPA 200.7 Rev 4.4	40CFR136A 200.7 Appx C
ICPMS Metals by 200.8 Total Metals Digestion for 200.8	EPA 200.8	MCAWW 4.3.1
Hardness by Calculation	SM20 2340B	
Mercury in Water by CVAA Digestion for CVAA Mercury in Waters	EPA 245.1	EPA 245.1
Conductivity, Specific Conductance Field	MCAWW 120.1	
pH, Electrometric Field	MCAWW 150.1	
Temperature, Thermometric Field	MCAWW 170.1	
Turbidity, Nephelometric Field	MCAWW 180.1	
Oxygen (Dissolved, Membrane Electrode) Field	MCAWW 360.1	
Residue, Filterable, Gravimetric, Dried at 180°C (TDS)	MCAWW 160.1	
Residue, Non-Filterable (Gravimetric, Dried at 103-105C)	MCAWW 160.2	
Nitrogen (Ammonia, Colorimetric, Automated Phenate)	MCAWW 350.1	
Nitrogen, Nitrate-Nitrite (Colorimetric, Automated, Cadmium Reduction)	MCAWW 353.2	
Phosphorus, All Forms, Colorimetric, Single Reagent Sample Digestion for Total Phosphorous	EPA 365.2	MCAWW 365.2/365.3
Biochemical Oxygen Demand, BOD (5 day, 20 °C)	MCAWW 405.1	
Total Organic Carbon, Combustion or Oxidation	MCAWW 415.1	
Chemical Oxygen Demand (Titrimetric)	SM18 5220C	
Total Nitrogen	EPA Total Nitrogen	
Unionized Ammonia by Florida DEP SOP	FL-DEP UnionizedNH3	

STL Tampa

METHOD SUMMARY

Client: HDR, Inc.

Job Number: 660-931.1

Description	Method	Preparation Method
Matrix: Water		
General Sub Contract Method	Subcontract	

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.

**STL****SAMPLE SUMMARY**

Client: HDR, Inc.

Job Number: 660-931.1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
660-931-1	SW-1	Water	03/24/2005 1300	03/25/2005 0845
660-931-2	SW-2	Water	03/24/2005 1230	03/25/2005 0845
660-931-3	TRIP BLANK	Water	03/24/2005 1230	03/25/2005 0845

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-931.1

Client Sample ID: SW-1

Lab Sample ID: 660-931-1

Date Sampled: 03/24/2005 1300

Client Matrix: Water

Date Received: 03/25/2005 0845

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 660-4051

Instrument ID: BVMH GC/MS

Preparation: 5030B

Lab File ID: 2HC3127.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 04/01/2005 0505

Final Weight/Volume: 5 mL

Date Prepared: 04/01/2005 0505

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	10
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-Dichloroethylene	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	0.83	U	0.83	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
methyl isobutyl ketone	3.8	U	3.8	10
Methylene Chloride	1.0	U	1.0	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

STL Tampa

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-931.1

Client Sample ID: **SW-1**

Lab Sample ID: 660-931-1

Date Sampled: 03/24/2005 1300

Client Matrix: Water

Date Received: 03/25/2005 0845

8260B Volatile Organic Compounds by GC/MS (Continued)

Method: 8260B

Analysis Batch: 660-4051

Instrument ID: BVMH GC/MS

Preparation: 5030B

Lab File ID: 2HC3127.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 04/01/2005 0505

Final Weight/Volume: 5 mL

Date Prepared: 04/01/2005 0505

Analyte	Result (ug/L)	Qualifier	MDL	PQL
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
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	83	74 - 126
Dibromofluoromethane	98	70 - 130
Toluene-d8	97	77 - 122

Analytical Data

Client: HDR, Inc.

Job Number: 660-931.1

Client Sample ID: SW-2

Lab Sample ID: 660-931-2

Client Matrix: Water

Date Sampled: 03/24/2005 1230

Date Received: 03/25/2005 0845

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 660-4051

Instrument ID: BVMH GC/MS

Preparation: 5030B

Lab File ID: 2HC3128.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 04/01/2005 0524

Final Weight/Volume: 5 mL

Date Prepared: 04/01/2005 0524

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	10
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-Dichloroethylene	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	0.83	U	0.83	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
methyl isobutyl ketone	3.8	U	3.8	10
Methylene Chloride	1.0	U	1.0	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

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-931.1

Client Sample ID: **SW-2**

Lab Sample ID: 660-931-2

Date Sampled: 03/24/2005 1230

Client Matrix: Water

Date Received: 03/25/2005 0845

8260B Volatile Organic Compounds by GC/MS (Continued)

Method: 8260B

Analysis Batch: 660-4051

Instrument ID: BVMH GC/MS

Preparation: 5030B

Lab File ID: 2HC3128.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 04/01/2005 0524

Final Weight/Volume: 5 mL

Date Prepared: 04/01/2005 0524

Analyte	Result (ug/L)	Qualifier	MDL	PQL
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
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	89	74 - 126
Dibromofluoromethane	95	70 - 130
Toluene-d8	96	77 - 122

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-931.1

Client Sample ID: **TRIP BLANK**

Lab Sample ID: 660-931-3

Client Matrix: Water

Date Sampled: 03/24/2005 1230

Date Received: 03/25/2005 0845

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 660-4051

Instrument ID: BVMH GC/MS

Preparation: 5030B

Lab File ID: 2HC3126.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 04/01/2005 0446

Final Weight/Volume: 5 mL

Date Prepared: 04/01/2005 0446

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	10
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-Dichloroethylene	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	0.83	U	0.83	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
methyl isobutyl ketone	3.8	U	3.8	10
Methylene Chloride	1.0	U	1.0	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

STL Tampa

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-931.1

Client Sample ID: **TRIP BLANK**

Lab Sample ID: 660-931-3

Date Sampled: 03/24/2005 1230

Client Matrix: Water

Date Received: 03/25/2005 0845

8260B Volatile Organic Compounds by GC/MS (Continued)

Method: 8260B

Analysis Batch: 660-4051

Instrument ID: BVMH GC/MS

Preparation: 5030B

Lab File ID: 2HC3126.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 04/01/2005 0446

Final Weight/Volume: 5 mL

Date Prepared: 04/01/2005 0446

Analyte	Result (ug/L)	Qualifier	MDL	PQL
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
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	85	74 - 126
Dibromofluoromethane	100	70 - 130
Toluene-d8	95	77 - 122

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-931.1

Client Sample ID: **SW-1**

Lab Sample ID: 660-931-1

Date Sampled: 03/24/2005 1300

Client Matrix: Water

Date Received: 03/25/2005 0845

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1

Analysis Batch: 660-4011

Instrument ID: HP 5890 Series II ECD1/2

Preparation: 504.1

Prep Batch: 660-4003

Lab File ID: 1D01S016.D

Dilution: 1.0

Initial Weight/Volume: 35.0033 g

Date Analyzed: 04/01/2005 1802

Final Weight/Volume: 3 mL

Date Prepared: 04/01/2005 1330

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

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-931.1

Client Sample ID: SW-2

Lab Sample ID: 660-931-2

Date Sampled: 03/24/2005 1230

Client Matrix: Water

Date Received: 03/25/2005 0845

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1

Analysis Batch: 660-4011

Instrument ID: HP 5890 Series II ECD1/2

Preparation: 504.1

Prep Batch: 660-4003

Lab File ID: 1D01S020.D

Dilution: 1.0

Initial Weight/Volume: 34.3002 g

Date Analyzed: 04/01/2005 1926

Final Weight/Volume: 3 mL

Date Prepared: 04/01/2005 1330

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

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-931.1

Client Sample ID: **TRIP BLANK**

Lab Sample ID: 660-931-3

Date Sampled: 03/24/2005 1230

Client Matrix: Water

Date Received: 03/25/2005 0845

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 504.1

Analysis Batch: 660-4011

Instrument ID: HP 5890 Series II ECD1/2

Preparation: 504.1

Prep Batch: 660-4003

Lab File ID: 1D01S021.D

Dilution: 1.0

Initial Weight/Volume: 34.2635 g

Date Analyzed: 04/01/2005 1947

Final Weight/Volume: 3 mL

Date Prepared: 04/01/2005 1330

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

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-931.1

Client Sample ID: SW-1

Lab Sample ID: 660-931-1

Date Sampled: 03/24/2005 1300

Client Matrix: Water

Date Received: 03/25/2005 0845

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method: 200.7 Rev 4.4 Analysis Batch: 660-4014
Preparation: 200.7 Appx C Prep Batch: 660-3662
Dilution: 1.0
Date Analyzed: 04/04/2005 1402
Date Prepared: 03/29/2005 1516

Instrument ID: TJA ICP TRACE
Lab File ID: 5D04A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.0038	U	0.0038	0.010
Barium	0.052		0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00071	U	0.00071	0.0050
Cobalt	0.0014	U	0.0014	0.010
Chromium	0.0018	I	0.0017	0.010
Copper	0.0013	U	0.0013	0.020
Iron	1.1		0.037	0.050
Magnesium	1.4		0.11	0.50
Nickel	0.0047	U	0.0047	0.040
Antimony	0.0029	U	0.0029	0.0060
Lead	0.0015	U	0.0015	0.0050
Selenium	0.0048	U	0.0048	0.010
Vanadium	0.0025	U	0.0025	0.010
Zinc	0.015	I	0.0059	0.020

200.8 ICPMS Metals by 200.8

Method: 200.8 Analysis Batch: 680-6905
Preparation: 4.3.1 Prep Batch: 680-5969
Dilution: 1.0
Date Analyzed: 04/09/2005 0129
Date Prepared: 04/04/2005 1051

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	0.20	U	0.20	1.0

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-931.1

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch:	660-3916	Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch:	660-3742	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/31/2005 1712			Final Weight/Volume:	50 mL
Date Prepared:	03/30/2005 1445				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

2340B Hardness by Calculation

Method:	2340B	Analysis Batch:	660-4670	Instrument ID:	No Equipment
Preparation:	N/A	Prep Batch:	660-3662	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	04/13/2005 1717			Final Weight/Volume:	50 mL
Date Prepared:	N/A				

Analyte	Result (mg/L)	Qualifier	RL	PQL
Hardness as calcium carbonate	13		3.3	3.3

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-931.1

Client Sample ID: SW-2

Lab Sample ID: 660-931-2

Date Sampled: 03/24/2005 1230

Client Matrix: Water

Date Received: 03/25/2005 0845

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method: 200.7 Rev 4.4 Analysis Batch: 660-4014

Preparation: 200.7 Appx C Prep Batch: 660-3662

Dilution: 1.0

Date Analyzed: 04/04/2005 1407

Date Prepared: 03/29/2005 1516

Instrument ID: TJA ICP TRACE

Lab File ID: 5D04A

Initial Weight/Volume: 50 mL

Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.0038	U	0.0038	0.010
Barium	0.090		0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00071	U	0.00071	0.0050
Cobalt	0.0014	U	0.0014	0.010
Chromium	0.0017	U	0.0017	0.010
Copper	0.0013	U	0.0013	0.020
Iron	0.39		0.037	0.050
Magnesium	1.2		0.11	0.50
Nickel	0.0047	U	0.0047	0.040
Antimony	0.0029	U	0.0029	0.0060
Lead	0.0015	U	0.0015	0.0050
Selenium	0.0048	U	0.0048	0.010
Vanadium	0.0030	I	0.0025	0.010
Zinc	0.0059	U	0.0059	0.020

200.8 ICPMS Metals by 200.8

Method: 200.8 Analysis Batch: 680-6905

Preparation: 4.3.1 Prep Batch: 680-5969

Dilution: 1.0

Date Analyzed: 04/09/2005 0151

Date Prepared: 04/04/2005 1051

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	0.20	U	0.20	1.0

Analytical Data

Client: HDR, Inc.

Job Number: 660-931.1

245.1 Mercury in Water by CVAA

Method:	245.1	Analysis Batch:	660-3916	Instrument ID:	HydraAA Mercury
Preparation:	245.1	Prep Batch:	660-3742	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	03/31/2005 1717			Final Weight/Volume:	50 mL
Date Prepared:	03/30/2005 1445				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

2340B Hardness by Calculation

Method:	2340B	Analysis Batch:	660-4670	Instrument ID:	No Equipment
Preparation:	N/A	Prep Batch:	660-3662	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	04/13/2005 1717			Final Weight/Volume:	50 mL
Date Prepared:	N/A				

Analyte	Result (mg/L)	Qualifier	RL	PQL
Hardness as calcium carbonate	9.0		3.3	3.3

Analytical Data

Client: HDR, Inc.

Job Number: 660-931.1

Field Service / Mobile Lab

Client Sample ID: SW-1

Lab Sample ID: 660-931-1

Client Matrix: Water

% Moisture: 0.0

Date Sampled: 03/24/2005 1300

Date Received: 03/25/2005 0845

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Specific Conductance	128		umhos/cm	1.0	120.1	660-5975	05/03/2005 0956
Turbidity	5.1		NTU	1.0	180.1	660-5978	05/03/2005 1008
Oxygen, Dissolved	3.5		mg/L	1.0	360.1	660-5979	05/03/2005 1009
pH	3.96		SU	1.0	150.1	660-4241	03/24/2005 1300
Temperature	21.3		Degrees C	1.0	170.1	660-4247	03/24/2005 1300

Client Sample ID: SW-2

Lab Sample ID: 660-931-2

Client Matrix: Water

% Moisture: 0.0

Date Sampled: 03/24/2005 1230

Date Received: 03/25/2005 0845

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Specific Conductance	67		umhos/cm	1.0	120.1	660-5975	05/03/2005 0956
Turbidity	4.9		NTU	1.0	180.1	660-5978	05/03/2005 1008
Oxygen, Dissolved	7.6		mg/L	1.0	360.1	660-5979	05/03/2005 1009
pH	4.41		SU	1.0	150.1	660-4241	03/24/2005 1230
Temperature	20.1		Degrees C	1.0	170.1	660-4247	03/24/2005 1230

Analytical Data

Client: HDR, Inc.

Job Number: 660-931.1

General Chemistry

Client Sample ID: SW-1

Lab Sample ID: 660-931-1

Date Sampled: 03/24/2005 1300

Client Matrix: Water

Date Received: 03/25/2005 0845

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method	Anly Batch	Date Analyzed
Phosphorus, Total	0.058	I	mg/L	0.017	0.10	1.0	365.2	660-4809	04/12/2005 2000
							Prep Batch: 660-4808	Date Prepared: 04/12/2005 2000	
Ammonia	0.10		mg/L	0.040	0.050	1.0	350.1	660-3954	04/01/2005 1630
Nitrogen, Total	0.85		mg/L	0.13	0.55	1.0	Total	660-5559	04/27/2005 1440
Total Organic Carbon	36		mg/L	5.3	10	10	415.1	660-4604	04/08/2005 1717
Nitrate Nitrogen	0.010	U	mg/L	0.010	0.050	1.0	353.2	660-3800	03/26/2005 0818
Nitrate Nitrite Nitrogen	0.010	U	mg/L	0.010	0.050	1.0	353.2	660-3800	03/26/2005 0818
Nitrite Nitrogen	0.010	U	mg/L	0.010	0.050	1.0	353.2	660-3800	03/26/2005 0818

Analyte	Result	Qual	Units	RL	PQL	Dil	Method	Anly Batch	Date Analyzed
Total Dissolved Solids	34		mg/L	5.0	5.0	1.0	160.1	660-4924	03/31/2005 1330
Total Suspended Solids	7.0		mg/L	5.0	5.0	1.0	160.2	660-4823	03/29/2005 1920
Chemical Oxygen Demand	130		mg/L	20	20	1.0	5220C	660-4376	04/05/2005 0900
Unionized Ammonia	0.010	U	mg/L	0.010	0.010	1.0	Unionized	660-5562	04/27/2005 1447
Biochemical Oxygen Demand	2.0	U	mg/L	2.0	2.0	1.0	405.1	660-3870	03/26/2005 0800

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-931.1

General Chemistry

Client Sample ID: SW-2

Lab Sample ID: 660-931-2

Date Sampled: 03/24/2005 1230

Client Matrix: Water

Date Received: 03/25/2005 0845

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method	Anly Batch	Date Analyzed
Phosphorus, Total	0.031	I	mg/L	0.017	0.10	1.0	365.2	660-4809	04/12/2005 2000
							Prep Batch: 660-4808	Date Prepared: 04/12/2005 2000	
Ammonia	0.040	U	mg/L	0.040	0.050	1.0	350.1	660-3954	04/01/2005 1630
Nitrogen, Total	0.35	I	mg/L	0.13	0.55	1.0	Total	660-5559	04/27/2005 1440
Total Organic Carbon	12		mg/L	1.1	2.0	2.0	415.1	660-4604	04/08/2005 1717
Nitrate Nitrogen	0.040	I	mg/L	0.010	0.050	1.0	353.2	660-3800	03/26/2005 0818
Nitrate Nitrite Nitrogen	0.040	I	mg/L	0.010	0.050	1.0	353.2	660-3800	03/26/2005 0818
Nitrite Nitrogen	0.010	U	mg/L	0.010	0.050	1.0	353.2	660-3800	03/26/2005 0818

Analyte	Result	Qual	Units	RL	PQL	Dil	Method	Anly Batch	Date Analyzed
Total Dissolved Solids	5.0	U	mg/L	5.0	5.0	1.0	160.1	660-4924	03/31/2005 1330
Total Suspended Solids	5.0	U	mg/L	5.0	5.0	1.0	160.2	660-4823	03/29/2005 1920
Chemical Oxygen Demand	73		mg/L	20	20	1.0	5220C	660-4376	04/05/2005 0900
Unionized Ammonia	0.010	U	mg/L	0.010	0.010	1.0	Unionized	660-5562	04/27/2005 1447
Biochemical Oxygen Demand	2.0	U	mg/L	2.0	2.0	1.0	405.1	660-3870	03/26/2005 0800



STL

DATA REPORTING QUALIFIERS

Client: HDR, Inc.

Job Number: 660-931.1

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.

**STL****Quality Control Results**

Client: HDR, Inc.

Job Number: 660-931.1

8260B Volatile Organic Compounds by GC/MS**Method Blank - Batch: 660-4051**

Lab ID: MB 660-4051/3

Date Analyzed: 03/31/2005 2301

Dilution: 1.0

Matrix: Water

Units: ug/L

Analyte	Result	Qualifier	MDL	PQL
Acetone	9.9	U	9.9	10
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-Dichloroethylene	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	0.83	U	0.83	1.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
methyl isobutyl ketone	3.8	U	3.8	10
Methylene Chloride	1.0	U	1.0	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
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

**STL****Quality Control Results**

Client: HDR, Inc.

Job Number: 660-931.1

8260B Volatile Organic Compounds by GC/MS**Laboratory Control Sample/ Control Duplicate - Batch: 660-4051**

LCS Lab ID: LCS 660-4051/4

Date Analyzed: 03/31/2005 2320

Dilution: 1.0

LCSD Lab ID: LCSD 660-4051/5

Date Analyzed: 03/31/2005 2339

Dilution: 1.0

Matrix: Water

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Benzene	89	90	62 - 135	2	37	
Chlorobenzene	104	103	72 - 127	1	22	
1,1-Dichloroethylene	92	91	46 - 147	1	30	
Toluene	102	102	68 - 131	0	33	
Trichloroethene	90	90	56 - 143	0	35	

Matrix Spike/Spike Duplicate - Batch: 660-4051

MS Lab ID: 660-902-F-1 MS

Date Analyzed: 04/01/2005 1829

Dilution: 1.0

MSD Lab ID: 660-902-E-1 MSD

Date Analyzed: 04/01/2005 1849

Dilution: 1.0

Matrix: Water

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	MS	MSD				
Benzene	83	86	62 - 135	3	37	
Chlorobenzene	104	97	72 - 127	7	22	
1,1-Dichloroethylene	101	103	46 - 147	3	30	
Toluene	100	104	68 - 131	3	33	
Trichloroethene	86	87	56 - 143	1	35	

Calculations are performed before rounding to avoid round-off errors in calculated results.



STL

Quality Control Results

Client: HDR, Inc.

Job Number: 660-931.1

504.1 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography**Method Blank - Batch: 660-4003**Lab ID: MB 660-4003/1-A
Matrix: WaterDate Analyzed: 04/01/2005 1659
Units: ug/L

Dilution: 1.0

Analyte	Result	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0030	U	0.0030	0.020
Ethylene Dibromide	0.0087	U	0.0087	0.020

Laboratory Control Sample/ Control Duplicate - Batch: 660-4003LCS Lab ID: LCS 660-4003/2-A
LCSD Lab ID: LCSD 660-4003/3-A
Matrix: WaterDate Analyzed: 04/01/2005 1720
Date Analyzed: 04/01/2005 1741Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
1,2-Dibromo-3-Chloropropane	110	106	70 - 130	0	30	
Ethylene Dibromide	108	101	70 - 130	3	30	

Matrix Spike/Spike Duplicate - Batch: 660-4003MS Lab ID: 660-931-O-1-A MS
MSD Lab ID: 660-931-P-1-A MSD
Matrix: WaterDate Analyzed: 04/01/2005 1823
Date Analyzed: 04/01/2005 1844Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	MS	MSD				
1,2-Dibromo-3-Chloropropane	102	99	70 - 130	1	30	
Ethylene Dibromide	97	100	70 - 130	5	30	

Calculations are performed before rounding to avoid round-off errors in calculated results.

STL Tampa

**STL****Quality Control Results**

Client: HDR, Inc.

Job Number: 660-931.1

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Method Blank - Batch: 660-3662

Lab ID: MB 660-3662/1-A

Date Analyzed: 04/04/2005 1236

Dilution: 1.0

Matrix: Water

Units: mg/L

Analyte	Result	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.0038	U	0.0038	0.010
Barium	0.0012	U	0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00071	U	0.00071	0.0050
Cobalt	0.0014	U	0.0014	0.010
Chromium	0.0017	U	0.0017	0.010
Copper	0.0013	U	0.0013	0.020
Iron	0.037	U	0.037	0.050
Magnesium	0.11	U	0.11	0.50
Nickel	0.0047	U	0.0047	0.040
Antimony	0.0029	U	0.0029	0.0060
Lead	0.0015	U	0.0015	0.0050
Selenium	0.0048	U	0.0048	0.010
Vanadium	0.0025	U	0.0025	0.010
Zinc	0.0059	U	0.0059	0.020

Calculations are performed before rounding to avoid round-off errors in calculated results.

**STL****Quality Control Results**

Client: HDR, Inc.

Job Number: 660-931.1

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable**Laboratory Control Sample/ Control Duplicate - Batch: 660-3662**

LCS Lab ID: LCS 660-3662/2-A
LCSD Lab ID: LCSD 660-3662/3-A
Matrix: Water

Date Analyzed: 04/04/2005 1241
Date Analyzed: 04/04/2005 1247

Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Silver	102	102	85 - 115	0	20	
Arsenic	100	100	85 - 115	0	20	
Barium	101	101	85 - 115	0	20	
Beryllium	104	104	85 - 115	0	20	
Calcium	107	107	85 - 115	0	20	
Cadmium	103	103	85 - 115	0	20	
Cobalt	98	99	85 - 115	1	20	
Chromium	100	101	85 - 115	1	20	
Copper	101	102	85 - 115	0	20	
Iron	102	103	85 - 115	1	20	
Magnesium	103	103	85 - 115	1	20	
Sodium	97	98	85 - 115	1	20	
Nickel	99	99	85 - 115	0	20	
Antimony	99	99	85 - 115	0	20	
Lead	103	102	85 - 115	0	20	
Selenium	103	103	85 - 115	0	20	
Vanadium	102	102	85 - 115	0	20	
Zinc	105	105	85 - 115	0	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

STL Tampa

Quality Control Results

Client: HDR, Inc.

Job Number: 660-931.1

200.7 Rev 4.4 ICP Metals by 200.7-Total Recoverable

Matrix Spike/Spike Duplicate - Batch: 660-3662

MS Lab ID: 660-962-B-1-A MS*R
MSD Lab ID: 660-962-B-1-A MSD*R
Matrix: Water

Date Analyzed: 04/04/2005 1304
Date Analyzed: 04/04/2005 1310

Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	MS	MSD				
Silver	102	103	85 - 115	1	20	
Arsenic	99	101	85 - 115	2	20	
Barium	101	103	85 - 115	2	20	
Beryllium	105	106	85 - 115	1	20	
Calcium	114	149	85 - 115	1	20	
Cadmium	102	103	85 - 115	1	20	
Cobalt	98	100	85 - 115	2	20	
Chromium	101	103	85 - 115	2	20	
Copper	103	104	85 - 115	2	20	
Iron	102	104	85 - 115	2	20	
Magnesium	114	133	85 - 115	1	20	
Sodium	115	122	85 - 115	2	20	
Nickel	98	99	85 - 115	1	20	
Antimony	99	100	85 - 115	1	20	
Lead	101	102	85 - 115	1	20	
Selenium	102	103	85 - 115	1	20	
Vanadium	103	104	85 - 115	2	20	
Zinc	103	104	85 - 115	2	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

**STL****Quality Control Results**

Client: HDR, Inc.

Job Number: 660-931.1

200.8 ICPMS Metals by 200.8

Method Blank - Batch: 680-5969

Lab ID: MB 680-5969/15-A

Date Analyzed: 04/09/2005 0115

Dilution: 1.0

Matrix: Water

Units: ug/L

Analyte	Result	Qualifier	MDL	PQL
Thallium	0.20	U	0.20	1.0

Laboratory Control Sample - Batch: 680-5969

Lab ID: LCS 680-5969/16-A

Date Analyzed: 04/09/2005 0122

Dilution: 1.0

Matrix: Water

Units: ug/L

Analyte	Spike Amount	Result	% Rec.	Recovery Limits	Qualifier
Thallium	50.0	45	89	85 - 115	

Calculations are performed before rounding to avoid round-off errors in calculated results.

STL Tampa

Quality Control Results

Client: HDR, Inc.

Job Number: 660-931.1

245.1 Mercury in Water by CVAA

Method Blank - Batch: 660-3742

Lab ID: MB 660-3742/1-A

Date Analyzed: 03/31/2005 1646

Dilution: 1.0

Matrix: Water

Units: mg/L

Analyte	Result	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

Calculations are performed before rounding to avoid round-off errors in calculated results.

**STL****Quality Control Results**

Client: HDR, Inc.

Job Number: 660-931.1

160.1 Residue, Filterable, Gravimetric, Dried at 180°C (TDS)**Method Blank - Batch: 660-4924**Lab ID: MB 660-4924/1
Matrix: WaterDate Analyzed: 03/31/2005 1330
Units: mg/L

Dilution: 1.0

Analyte	Result	Qualifier	RL	PQL
Total Dissolved Solids	5.0	U	5.0	5.0

Laboratory Control Sample/ Control Duplicate - Batch: 660-4924LCS Lab ID: LCS 660-4924/2
LCSD Lab ID: LCSD 660-4924/3
Matrix: WaterDate Analyzed: 03/31/2005 1330
Date Analyzed: 03/31/2005 1330Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Total Dissolved Solids	100	98	80 - 120	2	25	

Calculations are performed before rounding to avoid round-off errors in calculated results.

**STL****Quality Control Results**

Client: HDR, Inc.

Job Number: 660-931.1

160.2 Residue, Non-Filterable (Gravimetric, Dried at 103-105C)**Method Blank - Batch: 660-4823**

Lab ID: MB 660-4823/1

Date Analyzed: 03/29/2005 1920

Dilution: 1.0

Matrix: Water

Units: mg/L

Analyte	Result	Qualifier	RL	PQL
Total Suspended Solids	5.0	U	5.0	5.0

Laboratory Control Sample/ Control Duplicate - Batch: 660-4823

LCS Lab ID: LCS 660-4823/2

Date Analyzed: 03/29/2005 1920

Dilution: 1.0

LCSD Lab ID: LCSD 660-4823/3

Date Analyzed: 03/29/2005 1920

Dilution: 1.0

Matrix: Water

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Total Suspended Solids	89	98	80 - 120	9	25	

Calculations are performed before rounding to avoid round-off errors in calculated results.

**STL****Quality Control Results**

Client: HDR, Inc.

Job Number: 660-931.1

350.1 Nitrogen (Ammonia, Colorimetric, Automated Phenate)**Method Blank - Batch: 660-3954**Lab ID: MB 660-3954/1
Matrix: WaterDate Analyzed: 04/01/2005 1630
Units: mg/L

Dilution: 1.0

Analyte	Result	Qualifier	MDL	PQL
Ammonia	0.040	U	0.040	0.050

Laboratory Control Sample/ Control Duplicate - Batch: 660-3954LCS Lab ID: LCS 660-3954/2
LCSD Lab ID: LCSD 660-3954/3
Matrix: WaterDate Analyzed: 04/01/2005 1630
Date Analyzed: 04/01/2005 1630Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Ammonia	99	99	85 - 115	0	30	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: HDR, Inc.

Job Number: 660-931.1

365.2 Phosphorus, All Forms, Colorimetric, Single Reagent

Method Blank - Batch: 660-4808

Lab ID: MB 660-4808/1-A
Matrix: Water

Date Analyzed: 04/12/2005 2000
Units: mg/L

Dilution: 1.0

Analyte	Result	Qualifier	MDL	PQL
Phosphorus, Total	0.017	U	0.017	0.10

Laboratory Control Sample/ Control Duplicate - Batch: 660-4808

LCS Lab ID: LCS 660-4808/2-A
LCSD Lab ID: LCSD 660-4808/3-A
Matrix: Water

Date Analyzed: 04/12/2005 2000
Date Analyzed: 04/12/2005 2000

Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Phosphorus, Total	101	101	60 - 140	0	40	

Matrix Spike/Spike Duplicate - Batch: 660-4808

MS Lab ID: 660-914-C-3-B MS
MSD Lab ID: 660-914-C-3-B MSD
Matrix: Water

Date Analyzed: 04/12/2005 2000
Date Analyzed: 04/12/2005 2000

Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	MS	MSD				
Phosphorus, Total	100	100	60 - 140	0	40	

Calculations are performed before rounding to avoid round-off errors in calculated results.

**STL****Quality Control Results**

Client: HDR, Inc.

Job Number: 660-931.1

405.1 Biochemical Oxygen Demand, BOD (5 day, 20 °C)**Method Blank - Batch: 660-3870**Lab ID: USB 660-3870/1
Matrix: WaterDate Analyzed: 03/26/2005 0800
Units: mg/L

Dilution: 1.0

Analyte	Result	Qualifier	RL	PQL
Biochemical Oxygen Demand	2.0	U	2.0	2.0

Laboratory Control Sample/ Control Duplicate - Batch: 660-3870LCS Lab ID: LCS 660-3870/3
LCSD Lab ID: LCSD 660-3870/4
Matrix: WaterDate Analyzed: 03/26/2005 0800
Date Analyzed: 03/26/2005 0800Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Biochemical Oxygen Demand	90	88	85 - 115	2	30	

Calculations are performed before rounding to avoid round-off errors in calculated results.

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**STL****Quality Control Results**

Client: HDR, Inc.

Job Number: 660-931.1

415.1 Total Organic Carbon, Combustion or Oxidation

Method Blank - Batch: 660-4604Lab ID: MB 660-4604/1
Matrix: WaterDate Analyzed: 04/08/2005 1717
Units: mg/L

Dilution: 1.0

Analyte	Result	Qualifier	MDL	PQL
Total Organic Carbon	0.53	U	0.53	1.0

Laboratory Control Sample/ Control Duplicate - Batch: 660-4604LCS Lab ID: LCS 660-4604/2
LCSD Lab ID: LCSD 660-4604/3
Matrix: WaterDate Analyzed: 04/08/2005 1717
Date Analyzed: 04/08/2005 1717Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Total Organic Carbon	105	106	80 - 120	1	25	

Calculations are performed before rounding to avoid round-off errors in calculated results.

**STL****Quality Control Results**

Client: HDR, Inc.

Job Number: 660-931.1

5220C Chemical Oxygen Demand (Titrimetric)**Method Blank - Batch: 660-4376**Lab ID: MB 660-4376/26
Matrix: WaterDate Analyzed: 04/05/2005 0900
Units: mg/L

Dilution: 1.0

Analyte	Result	Qualifier	RL	PQL
Chemical Oxygen Demand	20	U	20	20

Laboratory Control Sample/ Control Duplicate - Batch: 660-4376LCS Lab ID: LCS 660-4376/2
LCSD Lab ID: LCSD 660-4376/3
Matrix: WaterDate Analyzed: 04/05/2005 0900
Date Analyzed: 04/05/2005 0900Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Chemical Oxygen Demand	100	102	80 - 120	2	40	

Matrix Spike/Spike Duplicate - Batch: 660-4376MS Lab ID: 660-999-C-1 MS
MSD Lab ID: 660-999-C-1 MSD
Matrix: WaterDate Analyzed: 04/05/2005 0900
Date Analyzed: 04/05/2005 0900Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	MS	MSD				
Chemical Oxygen Demand	89	93	80 - 120	3	40	

Calculations are performed before rounding to avoid round-off errors in calculated results.

STL Tampa



STL

STL Denver
4955 Yarrow Street
Arvada, CO 80002

Tel: 303 736 0100 Fax: 303 431 7171
www.stl-inc.com

ANALYTICAL REPORT

Project Number: 660-931

STL Denver Lot #: D5D050258

Nancy Robertson

STL Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634

STL DENVER

A handwritten signature in black ink, appearing to read "Scott Laird".

Scott Laird
Project Manager

April 12, 2005

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Standard Deliverables

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Project Narrative

Lot D5D050258

With exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. All laboratory quality control samples analyzed in conjunction with the samples in this project were within established control limits, with any exceptions noted.

The test results presented in this report meet all requirements of NELAC, and any exceptions are noted. This report shall not be reproduced, except in full, without written permission from the laboratory.

Sample Arrival and Receipt

Two samples were received under chain of custody on April 5, 2005. The samples were received in good condition at a temperature of 2.1°C.

General Chemistry, MCAWW 351.2

The MS/MSD associated with batch 5098296 was performed on a sample from another client and/or lot and was in control.

No anomalies were observed.

EXECUTIVE SUMMARY - Detection Highlights

D5D050258

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SW-1 03/24/05 13:00 001				
Total Kjeldahl Nitrogen	0.85	0.50	mg/L	MCAWW 351.2
SW-2 03/24/05 12:30 002				
Total Kjeldahl Nitrogen	0.31 B	0.50	mg/L	MCAWW 351.2

METHODS SUMMARY

D5D050258

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>	<u>PREPARATION METHOD</u>
Total Kjeldahl Nitrogen	MCAWW 351.2	MCAWW 351.2

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes",
EPA-600/4-79-020, March 1983 and subsequent revisions.

METHOD / ANALYST SUMMARY

D5D050258

<u>ANALYTICAL METHOD</u>	<u>ANALYST</u>	<u>ANALYST ID</u>
MCAWW 351.2	Claire Likar	004382

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes",
EPA-600/4-79-020, March 1983 and subsequent revisions.

SAMPLE SUMMARY

D5D050258

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
G7N20	001	SW-1	03/24/05	13:00
G7N22	002	SW-2	03/24/05	12:30

NOTE(S) :

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

STL TAMPA

Client Sample ID: SW-1

General Chemistry

Lot-Sample #...: D5D050258-001 Work Order #...: G7N20
Date Sampled...: 03/24/05 13:00 Date Received...: 04/05/05

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Total Kjeldahl Nitrogen	0.85	0.50	mg/L	MCAWW 351.2	04/06-04/07/05	5098296

Dilution Factor: 1

Analysis Time...: 17:00

MDL.....: 0.094

STL TAMPA

Client Sample ID: SW-2

General Chemistry

Lot-Sample #....: D5D050258-002 Work Order #....: G7N22
Date Sampled....: 03/24/05 12:30 Date Received...: 04/05/05

Matrix.....: WATER

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Total Kjeldahl Nitrogen	0.31 B	0.50	mg/L	MCAWW 351.2	04/06-04/07/05	5098296

Dilution Factor: 1

Analysis Time...: 17:00

MDL.....: 0.094

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

QC DATA ASSOCIATION SUMMARY

D5D050258

Sample Preparation and Analysis Control Numbers

<u>SAMPLE#</u>	<u>MATRIX</u>	<u>ANALYTICAL METHOD</u>	<u>LEACH BATCH #</u>	<u>PREP BATCH #</u>	<u>MS RUN#</u>
001	WATER	MCAWW 351.2		5098296	5098162
002	WATER	MCAWW 351.2		5098296	5098162

METHOD BLANK REPORT

General Chemistry

Client Lot #...: D5D050258

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Total Kjeldahl Nitrogen	ND	0.50	mg/L	MCAWW 351.2	04/06-04/07/05	5098296
Work Order #: G71N61AA MB Lot-Sample #: D5D080000-296						
Dilution Factor: 1						
Analysis Time...: 17:00						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #....: D5D050258

Matrix.....: WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD LIMITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Total Kjeldahl Nitrogen		WO#:G71N61AC-LCS/G71N61AD-LCSD		LCS Lot-Sample#:	D5D080000-296	
	97	(81 - 113)		MCAWW 351.2	04/06-04/07/05	5098296
	92	(81 - 113) 5.6	(0-20)	MCAWW 351.2	04/06-04/07/05	5098296
		Dilution Factor: 1		Analysis Time..:	17:00	

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #....: D5D050258

Matrix.....: WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Total Kjeldahl Nitrogen								
	3.00	2.92	mg/L	97		MCAWW 351.2	04/06-04/07/05	5098296
	3.00	2.76	mg/L	92	5.6	MCAWW 351.2	04/06-04/07/05	5098296

WO#:G71N61AC-LCS/G71N61AD-LCSD LCS Lot-Sample#: D5D080000-296

Dilution Factor: 1 Analysis Time...: 17:00

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #....: D5D050258

Matrix.....: WATER

Date Sampled....: 03/23/05 08:35 Date Received...: 04/05/05

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Total Kjeldahl Nitrogen			WO#:	G7N1K1AC-MS/G7N1K1AD-MSD	MS	Lot-Sample #:	D5D050249-001
	95	(62 - 133)			MCAWW 351.2	04/06-04/07/05	5098296
	99	(62 - 133)	3.1	(0-40)	MCAWW 351.2	04/06-04/07/05	5098296
			Dilution Factor: 1				
			Analysis Time...: 17:00				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: D5D050258

Matrix.....: WATER

Date Sampled...: 03/23/05 08:35 Date Received...: 04/05/05

PARAMETER	AMOUNT	SAMPLE SPIKE AMT	MEASRD. AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Total Kjeldahl Nitrogen			WO#: G7N1K1AC-MS/G7N1K1AD-MSD MS Lot-Sample #: D5D050249-001						
	1.3	3.00	4.10	mg/L	95		MCAWW 351.2	04/06-04/07/05	5098296
	1.3	3.00	4.23	mg/L	99	3.1	MCAWW 351.2	04/06-04/07/05	5098296
Dilution Factor: 1									
Analysis Time...: 17:00									

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Denver

Serial Number **2314b**

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:

[illegible]



**Advanced
Environmental Laboratories, Inc.**

6601 Southpoint Parkway
Jacksonville, Florida 32216
(904) 363-9350
FAX (904) 363-9354

Client: STL Tampa
Project Name: TRAILRIDGE
Project Number:

Report No.: J052045
Date Sampled: 3/24/05
Date Received: 3/24/05 14:06
Date Reported: 4/4/05

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: TRAILRIDGE

Approved By:



Paul Gunsaulies

2005.04.04
10:59:38
-04'00'

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: TRAILRIDGE

Report No.: J052045
Date/Time Received: 3/24/05 14:06

Lab Code: J052045-01
Client Sample ID: 1
Site: SW-1
Matrix: Water

Date/Time Sampled: 3/24/05 13:00
Shipping Method: Client drop off
Sampled By: Dan A.
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	16	mg/m3		SM10200H		T
Fecal Coliform (MF)	1	1.0	1.0	20.	cfu/100ml		SM9222D		J

J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)
T DOH certification #E84589 (AEL-Tampa) (FL NELAC Certification)

Lab Code: J052045-02
Client Sample ID: 2
Site: SW-2
Matrix: Water

Date/Time Sampled: 3/24/05 12:30
Shipping Method: Client drop off
Sampled By: Dan A.
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	60.	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)

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: STL Tampa

Report No.: J052045

Project Name: TRAILRIDGE

Date/Time Received: 3/24/05 14:06

Sample Cross Reference Information

Lab Code: J052045-01

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	WCT032705CH	3/27/05 16:00	BIB	pb032405ch-2	3/24/05 14:55:00
Fecal Coliform (MF)	SM9222D	NONE	MIC-032405-F1	3/24/05 15:20	AJL		

If the Analytical Batch ID and Prep Batch ID is null, the analysis was not performed by AEL, and the original report from the subcontracted laboratory will be provided containing this information.

Lab Code: J052045-02

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	WCT032705CH	3/27/05 16:00	BIB	pb032405ch-2	3/24/05 14:55:00
Fecal Coliform (MF)	SM9222D	NONE	MIC-032405-F1	3/24/05 15:20	AJL		

If the Analytical Batch ID and Prep Batch ID is 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

Report No.: J052045

Project Name: TRAILRIDGE

Date/Time Received: 3/24/05 14:06

Quality Assurance Report

Method Blanks

		Miscellaneous Analytes					
QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
MIC-032405-F1	Fecal Coliform (MF)	Pre Filter	SM9222D	1.0	1.0	cfu/100ml	U
MIC-032405-F1	Fecal Coliform (MF)	Post Filter	SM9222D	1.0	1.0	cfu/100ml	U

		Miscellaneous Analytes					
QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
WCT032705CH	Chlorophyll A	Method Blank	SM10200H	1.0	1.0	mg/m3	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 calculations.

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.



Advanced Environmental Labs Inc

Advanced Environmental Labs
6601 Southpoint Parkway
Jacksonville, FL 32216

Client: STL Trail Ridge Project name: Trail Ridge
Date/Time Rcvd: 3/24/05 1406 Log-In request number: J052045
Received by: LS Completed by: LS

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					
Temp (°C)	10				
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 #: J052045

Department: Wetchem (Tampa)

CustomerName: STL Tampa

Collector: JC

☐ Check if Rush

Lab Code	Client Sample ID	Test	Matrix	Collect Date / Time	Receive Date	Due Date	# Bottles	Bottle Type	(Pres.)
J052045-01	1	Chlorophyll A (J)	Water	03/24/2005 13:00	3/24/05 14:06	03/25/2005		1L Amber Glass	
J052045-02	2	Chlorophyll A (J)	Water	03/24/2005 12:30	3/24/05 14:06	03/25/2005		1L Amber Glass	

Jacksonville Relinquisher:

[Signature]

Shipping Relinquisher:

Shipping Receiver:

FedEx
Priority Express

Tampa Receiver:

[Signature]

Date/Time: 03/24/2005 15:59:31

Date/Time: 3/25/05 1410

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN
TRENT

STL

STL Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634

 Alternate Laboratory Name/Location

AE L

Fax:

J052045

[illegible]

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:

[illegible]

Appendix F

FDEP Semi-Annual Leachate Parameter Monitoring Report Forms

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMLC

Description: Semiannual Leachate (5 Pages)

WACS Facility ID #: 33628
 WACS Testsite ID #: 17333
 WACS Testsite Name: LDSS
 Water Classification: LC
 (i.e.: LC - Leachate, G-II, SW-IIIF)

Sample Date/Time: 3/24/2005 10:25:00AM
 Sampling Method: Grab
 Permitted
 Well Type: SO

(AS) Assessment (IW) Irrigation Well
 (BG) Background (OT) Other
 (CO) Compliance (PZ) Piezometer
 (DE) Detection (SO) Source
 (DG) Downgradient (UP) Upgradient
 (IM) Intermediate (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
1042	Copper	N	E84282	6010B	4/5/2005 10:32:00AM	130	1.3	ug/L	
77007	Propionitrile	N	E84282	8260B	4/4/2005 2:17:00PM	7.2	7.2	ug/L	U
77128	Styrene	N	E84282	8260B	4/4/2005 2:17:00PM	0.98	0.98	ug/L	U
34475	Tetrachloroethene	N	E84282	8260B	4/4/2005 2:17:00PM	0.34	0.34	ug/L	U
34010	Toluene	N	E84282	8260B	4/4/2005 2:17:00PM	0.51	0.51	ug/L	U
34546	trans-1,2-Dichloroethene	N	E84282	8260B	4/4/2005 2:17:00PM	0.44	0.44	ug/L	U
34704	cis-1,3-Dichloropropene	N	E84282	8260B	4/4/2005 2:17:00PM	0.14	0.14	ug/L	U
49263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	4/4/2005 2:17:00PM	2.5	2.5	ug/L	U
77093	cis-1,2-Dichloroethene	N	E84282	8260B	4/4/2005 2:17:00PM	0.65	0.65	ug/L	U
34488	Trichlorofluoromethane	N	E84282	8260B	4/4/2005 2:17:00PM	0.98	0.98	ug/L	U
77057	Vinyl acetate	N	E84282	8260B	4/4/2005 2:17:00PM	1.5	1.5	ug/L	U
39175	Vinyl chloride	N	E84282	8260B	4/4/2005 2:17:00PM	0.5	0.5	ug/L	U
39700	Hexachlorobenzene	N	E84282	8270C	4/12/2005 9:01:00PM	1.8	1.8	ug/L	U
1034	Chromium	N	E84282	6010B	4/5/2005 10:32:00AM	33	1.7	ug/L	
34220	Anthracene	N	E84282	8270C	4/12/2005 9:01:00PM	1.1	1.1	ug/L	U
34516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	4/4/2005 2:17:00PM	0.14	0.14	ug/L	U
34699	trans-1,3-Dichloropropene	N	E84282	8260B	4/4/2005 2:17:00PM	0.14	0.14	ug/L	U
77041	Carbon disulfide	N	E84282	8260B	4/4/2005 2:17:00PM	0.85	0.85	ug/L	U
34511	1,1,2-Trichloroethane	N	E84282	8260B	4/4/2005 2:17:00PM	0.47	0.47	ug/L	U
34496	1,1-Dichloroethane	N	E84282	8260B	4/4/2005 2:17:00PM	0.52	0.52	ug/L	U
34501	1,1-Dichloroethene	N	E84282	8260B	4/4/2005 2:17:00PM	0.45	0.45	ug/L	U
77168	1,1-Dichloropropene	N	E84282	8260B	4/4/2005 2:17:00PM	0.31	0.31	ug/L	U
77443	1,2,3-Trichloropropane	N	E84282	8260B	4/4/2005 2:17:00PM	0.15	0.15	ug/L	U
34531	1,2-Dichloroethane	N	E84282	8260B	4/4/2005 2:17:00PM	0.57	0.57	ug/L	U
32105	Dibromochloromethane	N	E84282	8260B	4/4/2005 2:17:00PM	0.34	0.34	ug/L	U
77173	1,3-Dichloropropane	N	E84282	8260B	4/4/2005 2:17:00PM	0.39	0.39	ug/L	U
1067	Nickel	N	E84282	6010B	4/5/2005 10:32:00AM	57	4.7	ug/L	
1012	Beryllium	N	E84282	6010B	4/5/2005 10:32:00AM	0.74	0.74	ug/L	U
82213	3,3'-Dimethylbenzidine	N	E84282	8270C	4/12/2005 9:01:00PM	15	15	ug/L	U
77545	Safrole, Total	N	E84282	8270C	4/12/2005 9:01:00PM	1.3	1.3	ug/L	U
34381	Fluorene	N	E84282	8270C	4/12/2005 9:01:00PM	1.8	1.8	ug/L	U
299	Oxygen, Dissolved	N	E84282	360.1	3/24/2005 10:25:00AM	0.4		mg/L	
38437	1,2-Dibromo-3-Chloropropane	N	E84282	8011	4/1/2005 8:08:00PM	0.0031	0.0031	ug/L	U
46369	Ethylene Dibromide	N	E84282	8011	4/1/2005 8:08:00PM	0.0089	0.0089	ug/L	U
39360	4,4'-DDD	N	E84282	8081A	4/4/2005 7:59:00AM	0.0048	0.0048	ug/L	U
39365	4,4'-DDE	N	E84282	8081A	4/4/2005 7:59:00AM	0.0032	0.0032	ug/L	U
39370	4,4'-DDT	N	E84282	8081A	4/4/2005 7:59:00AM	0.0043	0.0043	ug/L	U
39330	Aldrin	N	E84282	8081A	4/4/2005 7:59:00AM	0.00067	0.00067	ug/L	U
73582	Isosafrole	N	E84282	8270C	4/12/2005 9:01:00PM	1.7	1.7	ug/L	U
34247	Benzo[a]pyrene	N	E84282	8270C	4/12/2005 9:01:00PM	1	1	ug/L	U
34591	2-Nitrophenol	N	E84282	8270C	4/12/2005 9:01:00PM	1.3	1.3	ug/L	U
1051	Lead	N	E84282	6010B	4/5/2005 10:32:00AM	55	1.5	ug/L	
34631	3,3'-Dichlorobenzidine	N	E84282	8270C	4/12/2005 9:01:00PM	1.7	1.7	ug/L	U
39180	Trichloroethene	N	E84282	8260B	4/4/2005 2:17:00PM	0.28	0.28	ug/L	U

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

Printed: 5/2/2005

Page 1 of 5

Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 17333
WACS Testsite Name: LDSS
Water Classification: LC
(i.e.: LC - Leachate, G-II, SW-III(F))

Sample Date/Time: 3/24/2005 10:25:00AM
Sampling Method: Grab
Permitted
Well Type: SO

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (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
34200	Acenaphthylene	N	E84282	8270C	4/12/2005 9:01:00PM	1.9	1.9	ug/L	U
81553	Acetophenone	N	E84282	8270C	4/12/2005 9:01:00PM	2.3	1.6	ug/L	I
34391	Hexachlorobutadiene	N	E84282	8270C	4/12/2005 9:01:00PM	1.1	1.1	ug/L	U
34526	Benzo[a]anthracene	N	E84282	8270C	4/12/2005 9:01:00PM	1.7	1.7	ug/L	U
34376	Fluoranthene	N	E84282	8270C	4/12/2005 9:01:00PM	1.3	1.3	ug/L	U
34230	Benzo[b]fluoranthene	N	E84282	8270C	4/12/2005 9:01:00PM	1.7	1.7	ug/L	U
34521	Benzo[g,h,i]perylene	N	E84282	8270C	4/12/2005 9:01:00PM	1.2	1.2	ug/L	U
34242	Benzo[k]fluoranthene	N	E84282	8270C	4/12/2005 9:01:00PM	1.4	1.4	ug/L	U
77147	Benzyl alcohol	N	E84282	8270C	4/12/2005 9:01:00PM	3.1	3.1	ug/L	U
34278	Bis(2-chloroethoxy)methane	N	E84282	8270C	4/12/2005 9:01:00PM	2.1	2.1	ug/L	U
39100	Bis(2-ethylhexyl) phthalate	N	E84282	8270C	4/12/2005 9:01:00PM	1.4	1.4	ug/L	U
73085	Chlorobromomethane	N	E84282	8260B	4/4/2005 2:17:00PM	0.58	0.58	ug/L	U
77151	3 & 4 Methylphenol	N	E84282	8270C	4/12/2005 9:01:00PM	2.5	2.5	ug/L	U
34030	Benzene	N	E84282	8260B	4/4/2005 2:17:00PM	0.27	0.27	ug/L	U
32102	Carbon tetrachloride	N	E84282	8260B	4/4/2005 2:17:00PM	0.42	0.42	ug/L	U
71900	Mercury	N	E84282	7470A	4/19/2005 7:59:00PM	0.41	0.072	ug/L	
745	Sulfide	N	E84282	376.1	3/29/2005 3:00:00PM	5.6	1	mg/L	
32101	Bromodichloromethane	N	E84282	8260B	4/4/2005 2:17:00PM	0.35	0.35	ug/L	U
39080	Pronamide	N	E84282	8270C	4/12/2005 9:01:00PM	0.74	0.74	ug/L	U
34469	Pyrene	N	E84282	8270C	4/12/2005 9:01:00PM	1.3	1.3	ug/L	U
1037	Cobalt	N	E84282	6010B	4/5/2005 10:32:00AM	18	1.4	ug/L	
77170	2,2-Dichloropropane	N	E84282	8260B	4/4/2005 2:17:00PM	0.36	0.36	ug/L	U
34506	1,1,1-Trichloroethane	N	E84282	8260B	4/4/2005 2:17:00PM	0.46	0.46	ug/L	U
81552	Acetone	N	E84282	8260B	4/4/2005 2:17:00PM	9.9	9.9	ug/L	U
76997	Acetonitrile	N	E84282	8260B	4/4/2005 2:17:00PM	75	75	ug/L	U
34210	Acrolein	N	E84282	8260B	4/4/2005 2:17:00PM	3.8	3.8	ug/L	U
1087	Vanadium	N	E84282	6010B	4/5/2005 10:32:00AM	16	2.5	ug/L	
34423	Methylene Chloride	N	E84282	8260B	4/4/2005 2:17:00PM	1.2	1	ug/L	I
1102	Tin	N	E84282	6010B	4/5/2005 10:32:00AM	6.4	6.4	ug/L	U
77103	2-Hexanone	N	E84282	8260B	4/4/2005 2:17:00PM	4.4	4.4	ug/L	U
32104	Bromoform	N	E84282	8260B	4/4/2005 2:17:00PM	0.58	0.58	ug/L	U
34413	Bromomethane	N	E84282	8260B	4/4/2005 2:17:00PM	0.66	0.66	ug/L	U
46361	Dibromomethane	N	E84282	8260B	4/4/2005 2:17:00PM	0.41	0.41	ug/L	U
34668	Dichlorodifluoromethane	N	E84282	8260B	4/4/2005 2:17:00PM	0.4	0.4	ug/L	U
73570	Ethyl methacrylate	N	E84282	8260B	4/4/2005 2:17:00PM	0.53	0.53	ug/L	U
77541	2,6-Dichlorophenol	N	E84282	8270C	4/12/2005 9:01:00PM	1.7	1.7	ug/L	U
77424	Iodomethane	N	E84282	8260B	4/4/2005 2:17:00PM	0.67	0.67	ug/L	U
81593	Methacrylonitrile	N	E84282	8260B	4/4/2005 2:17:00PM	1.8	1.8	ug/L	U
81595	Methyl Ethyl Ketone	N	E84282	8260B	4/4/2005 2:17:00PM	8.4	8.4	ug/L	U
78109	Allyl chloride	N	E84282	8260B	4/4/2005 2:17:00PM	1.1	1.1	ug/L	U
77562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	4/4/2005 2:17:00PM	0.63	0.63	ug/L	U
34215	Acrylonitrile	N	E84282	8260B	4/4/2005 2:17:00PM	1.2	1.2	ug/L	U
1002	Arsenic	N	E84282	6010B	4/5/2005 10:32:00AM	38	3.8	ug/L	
34408	Isophorone	N	E84282	8270C	4/12/2005 9:01:00PM	1.5	1.5	ug/L	U
34311	Chloroethane	N	E84282	8260B	4/4/2005 2:17:00PM	0.8	0.8	ug/L	U
32106	Chloroform	N	E84282	8260B	4/4/2005 2:17:00PM	0.9	0.9	ug/L	U
34418	Chloromethane	N	E84282	8260B	4/4/2005 2:17:00PM	0.64	0.64	ug/L	U
81520	Chloroprene	N	E84282	8260B	4/4/2005 2:17:00PM	0.89	0.89	ug/L	U
34541	1,2-Dichloropropane	N	E84282	8260B	4/4/2005 2:17:00PM	0.52	0.52	ug/L	U
74010	Iron	N	E84282	6010B	4/5/2005 10:32:00AM	190	0.037	mg/L	
34694	Phenol	N	E84282	8270C	4/12/2005 9:01:00PM	2.5	2.5	ug/L	U
34273	Bis(2-chloroethyl)ether	N	E84282	8270C	4/12/2005 9:01:00PM	2.7	2.7	ug/L	I

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Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 17333
WACS Testsite Name: LDSS
Water Classification: LC
(i.e.: LC - Leachate, G-II, SW-III/F)

Sample Date/Time: 3/24/2005 10:25:00AM
Sampling Method: Grab
Permitted
Well Type: SO

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (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
1147	Selenium	N	E84282	6010B	4/5/2005 10:32:00AM	4.8	4.8	ug/L	U
1077	Silver	N	E84282	6010B	4/5/2005 10:32:00AM	1.9	1.9	ug/L	U
929	Sodium	N	E84282	6010B	4/5/2005 10:32:00AM	370	0.15	mg/L	
1092	Zinc	N	E84282	6010B	4/5/2005 10:32:00AM	99	5.9	ug/L	
1027	Cadmium	N	E84282	6010B	4/5/2005 10:32:00AM	0.71	0.71	ug/L	U
34301	Chlorobenzene	N	E84282	8260B	4/4/2005 2:17:00PM	0.63	0.63	ug/L	U
81551	Xylenes, Total	N	E84282	8260B	4/4/2005 2:17:00PM	0.98	0.98	ug/L	U
515	Total Dissolved Solids	N	E84282	160.1	3/29/2005 3:00:00PM	1100	5	mg/L	
410	Alkalinity	N	E84282	2320B	4/6/2005 9:00:00AM	710	1	mg/L	
425	Bicarbonate Alkalinity as CaCO3	N	E84282	2320B	4/6/2005 9:00:00AM	710	1	mg/L	
940	Chloride	N	E84282	325.2	3/30/2005 7:30:00PM	330	0.9	mg/L	
720	Cyanide, Total	N	E84282	335.2	4/9/2005 7:00:00AM	0.005	0.005	mg/L	U
610	Ammonia	N	E84282	350.1	4/1/2005 9:30:00PM	67	0.04	mg/L	
620	Nitrogen, Nitrate	N	E84282	353.2	3/26/2005 8:18:00AM	0.1	0.01	mg/L	
81597	Methyl methacrylate	N	E84282	8260B	4/4/2005 2:17:00PM	0.66	0.66	ug/L	U
1097	Antimony	N	E84282	6010B	4/5/2005 10:32:00AM	2.9	2.9	ug/L	U
78133	methyl isobutyl ketone	N	E84282	8260B	4/4/2005 2:17:00PM	3.8	3.8	ug/L	U
1007	Barium	N	E84282	6010B	4/5/2005 10:32:00AM	990	1.2	ug/L	
1059	Thallium	N	E84282	6010B	4/5/2005 10:32:00AM	6.6	6.6	ug/L	U
34428	N-Nitrosodi-n-propylamine	N	E84282	8270C	4/12/2005 9:01:00PM	2	2	ug/L	U
46314	Dimethoate	N	E84282	8141A	4/5/2005 4:35:00AM	0.12	0.12	ug/L	U
81888	Disulfoton	N	E84282	8141A	4/5/2005 4:35:00AM	0.19	0.19	ug/L	U
38462	Famphur	N	E84282	8141A	4/5/2005 4:35:00AM	0.18	0.18	ug/L	U
39600	Methyl parathion	N	E84282	8141A	4/5/2005 4:35:00AM	0.11	0.11	ug/L	U
45622	1,3-Dinitrobenzene	N	E84282	8270C	4/12/2005 9:01:00PM	1	1	ug/L	U
39492	PCB-1232	N	E84282	8082	4/8/2005 1:15:00PM	0.4	0.4	ug/L	U
73652	o,o',o"-Triethylphosphorothioate	N	E84282	8270C	4/12/2005 9:01:00PM	1.9	1.9	ug/L	U
73529	4-Chloroaniline	N	E84282	8270C	4/12/2005 9:01:00PM	2.2	2.2	ug/L	U
34438	N-Nitrosodimethylamine	N	E84282	8270C	4/12/2005 9:01:00PM	2.5	2.5	ug/L	U
34433	N-Nitrosodiphenylamine	N	E84282	8270C	4/12/2005 9:01:00PM	1.7	1.7	ug/L	U
73613	n-Nitrosomethylethylamine	N	E84282	8270C	4/12/2005 9:01:00PM	2.5	2.5	ug/L	U
73589	Methapyriline	N	E84282	8270C	4/12/2005 9:01:00PM	1.2	1.2	ug/L	U
78206	N-Nitrosopyrrolidine	N	E84282	8270C	4/12/2005 9:01:00PM	1.3	1.3	ug/L	U
30342	4-Nitroaniline	N	E84282	8270C	4/12/2005 9:01:00PM	1.5	1.5	ug/L	U
34447	Nitrobenzene	N	E84282	8270C	4/12/2005 9:01:00PM	2	2	ug/L	U
73609	N-Nitrosodi-n-butylamine	N	E84282	8270C	4/12/2005 9:01:00PM	1.6	1.6	ug/L	U
77142	o-Toluidine	N	E84282	8270C	4/12/2005 9:01:00PM	1.3	1.3	ug/L	U
73558	p-Dimethylamino azobenzene	N	E84282	8270C	4/12/2005 9:01:00PM	0.71	0.71	ug/L	U
73628	p-Phenylene diamine	N	E84282	8270C	4/12/2005 9:01:00PM	3.3	3.3	ug/L	U
77793	Pentachlorobenzene	N	E84282	8270C	4/12/2005 9:01:00PM	1	1	ug/L	U
81316	Pentachloronitrobenzene	N	E84282	8270C	4/12/2005 9:01:00PM	1.6	1.6	ug/L	U
39032	Pentachlorophenol	N	E84282	8270C	4/12/2005 9:01:00PM	1.6	1.6	ug/L	U
73626	Phenacetin	N	E84282	8270C	4/12/2005 9:01:00PM	0.88	0.88	ug/L	U
34696	Naphthalene	N	E84282	8270C	4/12/2005 9:01:00PM	1.4	1.4	ug/L	U
73540	Diallate	N	E84282	8270C	4/12/2005 9:01:00PM	1.5	1.5	ug/L	U
34646	4-Nitrophenol	N	E84282	8270C	4/12/2005 9:01:00PM	6.5	6.5	ug/L	U
73619	N-Nitrosopiperidine	N	E84282	8270C	4/12/2005 9:01:00PM	0.92	0.92	ug/L	U
34452	4-Chloro-3-methylphenol	N	E84282	8270C	4/12/2005 9:01:00PM	1.8	1.8	ug/L	U
34641	4-Chlorophenyl phenyl ether	N	E84282	8270C	4/12/2005 9:01:00PM	1.9	1.9	ug/L	U
77770	2,3,4,6-Tetrachlorophenol	N	E84282	8270C	4/12/2005 9:01:00PM	0.68	0.68	ug/L	U
77687	2,4,5-Trichlorophenol	N	E84282	8270C	4/12/2005 9:01:00PM	2.2	2.2	ug/L	U
34621	2,4,6-Trichlorophenol	N	E84282	8270C	4/12/2005 9:01:00PM	2	2	ug/L	U

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WACS Facility ID #: 33628
WACS Testsite ID #: 17333
WACS Testsite Name: LDSS
Water Classification: LC
(i.e.: LC - Leachate, G-II, SW-IIIIF)

Sample Date/Time: 3/24/2005 10:25:00AM
Sampling Method: Grab
Permitted
Well Type: SO
(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
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* 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
34601	2,4-Dichlorophenol	N	E84282	8270C	4/12/2005 9:01:00PM	1.9	1.9	ug/L	U
34606	2,4-Dimethylphenol	N	E84282	8270C	4/12/2005 9:01:00PM	1.9	1.9	ug/L	U
73599	1,4-Naphthoquinone	N	E84282	8270C	4/12/2005 9:01:00PM	0.57	0.57	ug/L	U
34611	2,4-Dinitrotoluene	N	E84282	8270C	4/12/2005 9:01:00PM	0.96	0.96	ug/L	U
34571	1,4-Dichlorobenzene	N	E84282	8270C	4/12/2005 9:01:00PM	5.3	1.3	ug/L	I
73591	3-Methylcholanthrene	N	E84282	8270C	4/12/2005 9:01:00PM	0.59	0.59	ug/L	U
78300	3-Nitroaniline	N	E84282	8270C	4/12/2005 9:01:00PM	1.3	1.3	ug/L	U
34657	4,6-Dinitro-2-methylphenol	N	E84282	8270C	4/12/2005 9:01:00PM	1.6	1.6	ug/L	U
39508	PCB-1260	N	E84282	8082	4/8/2005 1:15:00PM	0.1	0.1	ug/L	U
34636	4-Bromophenyl phenyl ether	N	E84282	8270C	4/12/2005 9:01:00PM	1.8	1.8	ug/L	U
39504	PCB-1254	N	E84282	8082	4/8/2005 1:15:00PM	0.13	0.13	ug/L	U
39338	beta-BHC	N	E84282	8081A	4/4/2005 7:59:00AM	0.0065	0.0065	ug/L	U
34616	2,4-Dinitrophenol	N	E84282	8270C	4/12/2005 9:01:00PM	6.5	6.5	ug/L	U
39500	PCB-1248	N	E84282	8082	4/8/2005 1:15:00PM	0.073	0.073	ug/L	U
34461	Phenanthrene	N	E84282	8270C	4/12/2005 9:01:00PM	1.4	1.4	ug/L	U
34259	delta-BHC	N	E84282	8081A	4/4/2005 7:59:00AM	0.0076	0.0076	ug/L	U
39380	Dieldrin	N	E84282	8081A	4/4/2005 7:59:00AM	0.00089	0.00089	ug/L	U
81281	Kepone	N	E84282	8081A	4/6/2005 5:50:00PM	0.086	0.086	ug/L	U
34671	PCB-1016	N	E84282	8082	4/8/2005 1:15:00PM	0.27	0.27	ug/L	U
39488	PCB-1221	N	E84282	8082	4/8/2005 1:15:00PM	0.16	0.16	ug/L	U
73600	1-Naphthylamine	N	E84282	8270C	4/12/2005 9:01:00PM	0.88	0.88	ug/L	U
39496	PCB-1242	N	E84282	8082	4/8/2005 1:15:00PM	0.08	0.08	ug/L	U
34283	Bis-Chloroisopropyl Ether	N	E84282	8270C	4/12/2005 9:01:00PM	2.2	2.2	ug/L	U
77581	4-Aminobiphenyl	N	E84282	8270C	4/12/2005 9:01:00PM	0.85	0.85	ug/L	U
39410	Heptachlor	N	E84282	8081A	4/4/2005 7:59:00AM	0.011	0.011	ug/L	U
73559	7,12-Dimethylbenz(a)anthracene	N	E84282	8270C	4/12/2005 9:01:00PM	0.97	0.97	ug/L	U
39350	Chlordane (technical)	N	E84282	8081A	4/4/2005 7:59:00AM	0.059	0.059	ug/L	U
34551	1,2,4-Trichlorobenzene	N	E84282	8270C	4/12/2005 9:01:00PM	1.3	1.3	ug/L	U
34366	Endrin aldehyde	N	E84282	8081A	4/4/2005 7:59:00AM	0.0052	0.0052	ug/L	U
94	Specific Conductance	N	E84282	120.1	3/24/2005 10:25:00AM	2910		umhos/cm	
403	pH	N	E84282	150.1	3/24/2005 10:25:00AM	7.22		SU	
10	Temperature	N	E84282	170.1	3/24/2005 10:25:00AM	22.6		Degrees C	
82079	Turbidity	N	E84282	180.1	3/24/2005 7:49:00AM	85.4		NTU	
34361	Endosulfan I	N	E84282	8081A	4/4/2005 7:59:00AM	0.0065	0.0065	ug/L	U
34356	Endosulfan II	N	E84282	8081A	4/4/2005 7:59:00AM	0.008	0.008	ug/L	U
73553	Thionazin	N	E84282	8141A	4/5/2005 4:35:00AM	0.082	0.082	ug/L	U
39390	Endrin	N	E84282	8081A	4/4/2005 7:59:00AM	0.0036	0.0036	ug/L	U
34586	2-Chlorophenol	N	E84282	8270C	4/12/2005 9:01:00PM	2.2	2.2	ug/L	U
39340	gamma-BHC (Lindane)	N	E84282	8081A	4/4/2005 7:59:00AM	0.011	0.011	ug/L	U
34581	2-Chloronaphthalene	N	E84282	8270C	4/12/2005 9:01:00PM	1.7	1.7	ug/L	U
39420	Heptachlor epoxide	N	E84282	8081A	4/4/2005 7:59:00AM	0.0062	0.0062	ug/L	U
39480	Methoxychlor	N	E84282	8081A	4/4/2005 7:59:00AM	0.017	0.0085	ug/L	I
39400	Toxaphene	N	E84282	8081A	4/4/2005 7:59:00AM	0.74	0.74	ug/L	U
39460	Chlorobenzilate	N	E84282	8081A	4/6/2005 5:50:00PM	0.077	0.077	ug/L	U
39430	Isodrin	N	E84282	8081A	4/6/2005 5:50:00PM	0.0063	0.0063	ug/L	U
34351	Endosulfan sulfate	N	E84282	8081A	4/4/2005 7:59:00AM	0.0072	0.0072	ug/L	U
73595	Methyl methanesulfonate	N	E84282	8270C	4/12/2005 9:01:00PM	1.3	1.3	ug/L	U
77152	2-Methylphenol	N	E84282	8270C	4/12/2005 9:01:00PM	2.4	2.4	ug/L	U
34386	Hexachlorocyclopentadiene	N	E84282	8270C	4/12/2005 9:01:00PM	1.3	1.3	ug/L	U
34396	Hexachloroethane	N	E84282	8270C	4/12/2005 9:01:00PM	0.89	0.89	ug/L	U
0	Hexachlorophene	N	E84282	8270C	4/12/2005 9:01:00PM	4000	4000	ug/L	U
34403	Indeno[1,2,3-cd]pyrene	N	E84282	8270C	4/12/2005 9:01:00PM	1.3	1.3	ug/L	U

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WACS Facility ID #: 33628
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(i.e.: LC - Leachate, G-II, SW-III(F))

Sample Date/Time: 3/24/2005 10:25:00AM
Sampling Method: Grab
Permitted
Well Type: SO

(AS) Assessment (IW) Irrigation Well
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* 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
78142	2-Nitroaniline	N	E84282	8270C	4/12/2005 9:01:00PM	1.5	1.5	ug/L	U
73653	1,3,5-Trinitrobenzene	N	E84282	8270C	4/12/2005 9:01:00PM	0.64	0.64	ug/L	U
77033	Isobutanol	N	E84282	8260B	4/4/2005 2:17:00PM	31	31	ug/L	U
34292	Butyl benzyl phthalate	N	E84282	8270C	4/12/2005 9:01:00PM	1.3	1.3	ug/L	U
34320	Chrysene	N	E84282	8270C	4/12/2005 9:01:00PM	1.3	1.3	ug/L	U
73611	N-Nitrosodiethylamine	N	E84282	8270C	4/12/2005 9:01:00PM	1.6	1.6	ug/L	U
34596	Di-n-octyl phthalate	N	E84282	8270C	4/12/2005 9:01:00PM	1.3	1.3	ug/L	U
39337	alpha-BHC	N	E84282	8081A	4/4/2005 7:59:00AM	0.00053	0.00053	ug/L	U
34556	Dibenz(a,h)anthracene	N	E84282	8270C	4/12/2005 9:01:00PM	1.1	1.1	ug/L	U
81302	Dibenzofuran	N	E84282	8270C	4/12/2005 9:01:00PM	1.7	1.7	ug/L	U
34336	Diethyl phthalate	N	E84282	8270C	4/12/2005 9:01:00PM	1.7	1.7	ug/L	U
34341	Dimethyl phthalate	N	E84282	8270C	4/12/2005 9:01:00PM	2.2	2.2	ug/L	U
77579	Diphenylamine	N	E84282	8270C	4/12/2005 9:01:00PM	1.2	1.2	ug/L	U
73571	Ethyl methanesulfonate	N	E84282	8270C	4/12/2005 9:01:00PM	1.4	1.4	ug/L	U
77416	2-Methylnaphthalene	N	E84282	8270C	4/12/2005 9:01:00PM	1.7	1.7	ug/L	U
39110	Di-n-butyl phthalate	N	E84282	8270C	4/12/2005 9:01:00PM	1.9	1.9	ug/L	U
34205	Acenaphthene	N	E84282	8270C	4/12/2005 9:01:00PM	1.6	1.6	ug/L	U
73601	2-Naphthylamine	N	E84282	8270C	4/12/2005 9:01:00PM	1.1	1.1	ug/L	U
39740	2,4,5-T	N	E84282	8151A	4/7/2005 5:29:00AM	0.97	0.97	ug/L	U
39730	2,4-D	N	E84282	8151A	4/7/2005 5:29:00AM	7.6	7.6	ug/L	U
30191	Dinoseb	N	E84282	8151A	4/7/2005 5:29:00AM	8.8	8.8	ug/L	U
39760	Silvex (2,4,5-TP)	N	E84282	8151A	4/7/2005 5:29:00AM	0.76	0.76	ug/L	U
77734	1,2,4,5-Tetrachlorobenzene	N	E84282	8270C	4/12/2005 9:01:00PM	1.2	1.2	ug/L	U
46313	Phorate	N	E84282	8141A	4/5/2005 4:35:00AM	0.089	0.089	ug/L	U
34536	1,2-Dichlorobenzene	N	E84282	8270C	4/12/2005 9:01:00PM	1.2	1.2	ug/L	U
39540	Parathion	N	E84282	8141A	4/5/2005 4:35:00AM	0.088	0.088	ug/L	U
34566	1,3-Dichlorobenzene	N	E84282	8270C	4/12/2005 9:01:00PM	1.2	1.2	ug/L	U
34626	2,6-Dinitrotoluene	N	E84282	8270C	4/12/2005 9:01:00PM	0.76	0.76	ug/L	U
73501	2-Acetylaminofluorene	N	E84282	8270C	4/12/2005 9:01:00PM	0.81	0.81	ug/L	U
73622	N-Nitro-o-toluidine	N	E84282	8270C	4/12/2005 9:01:00PM	0.95	0.95	ug/L	U
34371	Ethylbenzene	N	E84282	8260B	4/4/2005 2:17:00PM	0.83	0.83	ug/L	U

Total Parameters Monitored: 231

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Facility Name: TRAIL RIDGE SEMI-ANNUAL/LCS.LDSS

PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMLC

Description: Semiannual Leachate (5 Pages)

WACS Facility ID #: 33628
WACS Testsite ID #: 20098
WACS Testsite Name: LCS
Water Classification: LC
(i.e.: LC - Leachate, G-II, SW-III-F)

Sample Date/Time: 3/24/2005 10:50:00AM
Sampling Method: Grab
Permitted
Well Type: OT

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (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
77424	Iodomethane	N	E84282	8260B	4/1/2005 9:19:00PM	6.7	6.7	ug/L	U
81520	Chloroprene	N	E84282	8260B	4/1/2005 9:19:00PM	8.9	8.9	ug/L	U
77093	cis-1,2-Dichloroethene	N	E84282	8260B	4/1/2005 9:19:00PM	6.5	6.5	ug/L	U
34704	cis-1,3-Dichloropropene	N	E84282	8260B	4/1/2005 9:19:00PM	1.4	1.4	ug/L	U
32105	Dibromochloromethane	N	E84282	8260B	4/1/2005 9:19:00PM	3.4	3.4	ug/L	U
46361	Dibromomethane	N	E84282	8260B	4/1/2005 9:19:00PM	4.1	4.1	ug/L	U
34668	Dichlorodifluoromethane	N	E84282	8260B	4/1/2005 9:19:00PM	4	4	ug/L	U
34699	trans-1,3-Dichloropropene	N	E84282	8260B	4/1/2005 9:19:00PM	1.4	1.4	ug/L	U
34371	Ethylbenzene	N	E84282	8260B	4/1/2005 9:19:00PM	16	8.3	ug/L	
77033	Isobutanol	N	E84282	8260B	4/1/2005 9:19:00PM	310	310	ug/L	U
1087	Vanadium	N	E84282	6010B	4/5/2005 10:50:00AM	27	2.5	ug/L	
34488	Trichlorofluoromethane	N	E84282	8260B	4/1/2005 9:19:00PM	9.8	9.8	ug/L	U
1102	Tin	N	E84282	6010B	4/5/2005 10:50:00AM	6.4	6.4	ug/L	U
39175	Vinyl chloride	N	E84282	8260B	4/1/2005 9:19:00PM	5	5	ug/L	I
81551	Xylenes, Total	N	E84282	8260B	4/1/2005 9:19:00PM	35	9.8	ug/L	
515	Total Dissolved Solids	N	E84282	160.1	3/29/2005 3:00:00PM	3100	5	mg/L	
73570	Ethyl methacrylate	N	E84282	8260B	4/1/2005 9:19:00PM	5.3	5.3	ug/L	U
1037	Cobalt	N	E84282	6010B	4/5/2005 10:50:00AM	21	1.4	ug/L	
73600	1-Naphthylamine	N	E84282	8270C	4/12/2005 9:29:00PM	0.93	0.93	ug/L	U
745	Sulfide	N	E84282	376.1	3/29/2005 3:00:00PM	4.8	1	mg/L	
1097	Antimony	N	E84282	6010B	4/5/2005 10:50:00AM	13	2.9	ug/L	
1002	Arsenic	N	E84282	6010B	4/5/2005 10:50:00AM	40	3.8	ug/L	
1007	Barium	N	E84282	6010B	4/5/2005 10:50:00AM	250	1.2	ug/L	
1012	Beryllium	N	E84282	6010B	4/5/2005 10:50:00AM	0.74	0.74	ug/L	U
34418	Chloromethane	N	E84282	8260B	4/1/2005 9:19:00PM	6.4	6.4	ug/L	U
1034	Chromium	N	E84282	6010B	4/5/2005 10:50:00AM	52	1.7	ug/L	
32106	Chloroform	N	E84282	8260B	4/1/2005 9:19:00PM	9	9	ug/L	U
1042	Copper	N	E84282	6010B	4/5/2005 10:50:00AM	7.4	1.3	ug/L	I
74010	Iron	N	E84282	6010B	4/5/2005 10:50:00AM	13	0.037	mg/L	
1051	Lead	N	E84282	6010B	4/5/2005 10:50:00AM	3.6	1.5	ug/L	I
1067	Nickel	N	E84282	6010B	4/5/2005 10:50:00AM	110	4.7	ug/L	
34546	trans-1,2-Dichloroethene	N	E84282	8260B	4/1/2005 9:19:00PM	4.4	4.4	ug/L	U
77057	Vinyl acetate	N	E84282	8260B	4/1/2005 9:19:00PM	15	15	ug/L	U
940	Chloride	N	E84282	325.2	3/30/2005 7:30:00PM	1300	0.9	mg/L	
1027	Cadmium	N	E84282	6010B	4/5/2005 10:50:00AM	0.71	0.71	ug/L	U
30191	Dinoseb	N	E84282	8151A	4/7/2005 6:07:00AM	8.4	8.4	ug/L	U
410	Alkalinity	N	E84282	2320B	4/6/2005 9:00:00AM	3500	1	mg/L	
38462	Famphur	N	E84282	8141A	4/5/2005 5:02:00AM	0.17	0.17	ug/L	U
39600	Methyl parathion	N	E84282	8141A	4/5/2005 5:02:00AM	0.11	0.11	ug/L	U
77770	2,3,4,6-Tetrachlorophenol	N	E84282	8270C	4/12/2005 9:29:00PM	0.72	0.72	ug/L	U
46313	Phorate	N	E84282	8141A	4/5/2005 5:02:00AM	0.088	0.088	ug/L	U
39400	Toxaphene	N	E84282	8081A	4/5/2005 1:20:00AM	0.74	0.74	ug/L	U
46314	Dimethoate	N	E84282	8141A	4/5/2005 5:02:00AM	0.12	0.12	ug/L	U
39730	2,4-D	N	E84282	8151A	4/7/2005 6:07:00AM	7.2	7.2	ug/L	I

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WACS Facility ID #: 33628
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(I.e.: LC - Leachate, G-II, SW-IIIIF)

Sample Date/Time: 3/24/2005 10:50:00AM
Sampling Method: Grab
Permitted
Well Type: OT

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (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
39508	PCB-1260	N	E84282	8082	4/11/2005 10:14:00AM	0.1	0.1	ug/L	U
77734	1,2,4,5-Tetrachlorobenzene	N	E84282	8270C	4/12/2005 9:29:00PM	1.2	1.2	ug/L	U
34551	1,2,4-Trichlorobenzene	N	E84282	8270C	4/12/2005 9:29:00PM	1.3	1.3	ug/L	U
34536	1,2-Dichlorobenzene	N	E84282	8270C	4/12/2005 9:29:00PM	1.2	1.2	ug/L	U
73653	1,3,5-Trinitrobenzene	N	E84282	8270C	4/12/2005 9:29:00PM	0.68	0.68	ug/L	U
34566	1,3-Dichlorobenzene	N	E84282	8270C	4/12/2005 9:29:00PM	1.2	1.2	ug/L	U
45622	1,3-Dinitrobenzene	N	E84282	8270C	4/12/2005 9:29:00PM	1.1	1.1	ug/L	U
34571	1,4-Dichlorobenzene	N	E84282	8270C	4/12/2005 9:29:00PM	1.3	1.3	ug/L	U
39740	2,4,5-T	N	E84282	8151A	4/7/2005 6:07:00AM	0.92	0.92	ug/L	U
73553	Thionazin	N	E84282	8141A	4/5/2005 5:02:00AM	0.082	0.082	ug/L	U
34301	Chlorobenzene	N	E84282	8260B	4/1/2005 9:19:00PM	6.3	6.3	ug/L	U
720	Cyanide, Total	N	E84282	335.2	4/9/2005 7:00:00AM	0.005	0.005	mg/L	U
610	Ammonia	N	E84282	350.1	4/1/2005 9:30:00PM	590	0.04	mg/L	U
620	Nitrogen, Nitrate	N	E84282	353.2	3/26/2005 8:18:00AM	0.01	0.01	mg/L	U
1147	Selenium	N	E84282	6010B	4/5/2005 10:50:00AM	5.8	4.8	ug/L	I
1077	Silver	N	E84282	6010B	4/5/2005 10:50:00AM	1.9	1.9	ug/L	U
81888	Disulfoton	N	E84282	8141A	4/5/2005 5:02:00AM	0.18	0.18	ug/L	U
81593	Methacrylonitrile	N	E84282	8260B	4/1/2005 9:19:00PM	18	18	ug/L	U
425	Bicarbonate Alkalinity as CaCO3	N	E84282	2320B	4/6/2005 9:00:00AM	3500	1	mg/L	U
81281	Kepone	N	E84282	8081A	4/6/2005 6:10:00PM	0.086	0.086	ug/L	U
34671	PCB-1016	N	E84282	8082	4/11/2005 10:14:00AM	0.27	0.27	ug/L	U
39488	PCB-1221	N	E84282	8082	4/11/2005 10:14:00AM	0.16	0.16	ug/L	U
39492	PCB-1232	N	E84282	8082	4/11/2005 10:14:00AM	0.4	0.4	ug/L	U
39496	PCB-1242	N	E84282	8082	4/11/2005 10:14:00AM	0.08	0.08	ug/L	U
39500	PCB-1248	N	E84282	8082	4/11/2005 10:14:00AM	0.073	0.073	ug/L	U
39504	PCB-1254	N	E84282	8082	4/11/2005 10:14:00AM	0.13	0.13	ug/L	U
73085	Chlorobromomethane	N	E84282	8260B	4/1/2005 9:19:00PM	5.8	5.8	ug/L	U
32102	Carbon tetrachloride	N	E84282	8260B	4/1/2005 9:19:00PM	4.2	4.2	ug/L	U
73582	Isosafrole	N	E84282	8270C	4/12/2005 9:29:00PM	1.8	1.8	ug/L	U
34215	Acrylonitrile	N	E84282	8260B	4/1/2005 9:19:00PM	12	12	ug/L	U
78109	Allyl chloride	N	E84282	8260B	4/1/2005 9:19:00PM	11	11	ug/L	U
34030	Benzene	N	E84282	8260B	4/1/2005 9:19:00PM	2.7	2.7	ug/L	U
32101	Bromodichloromethane	N	E84282	8260B	4/1/2005 9:19:00PM	3.5	3.5	ug/L	U
32104	Bromoform	N	E84282	8260B	4/1/2005 9:19:00PM	5.8	5.8	ug/L	U
76997	Acetonitrile	N	E84282	8260B	4/1/2005 9:19:00PM	750	750	ug/L	U
77041	Carbon disulfide	N	E84282	8260B	4/1/2005 9:19:00PM	8.5	8.5	ug/L	U
81552	Acetone	N	E84282	8260B	4/1/2005 9:19:00PM	840	99	ug/L	U
34541	1,2-Dichloropropane	N	E84282	8260B	4/1/2005 9:19:00PM	5.2	5.2	ug/L	U
73613	n-Nitrosomethylethylamine	N	E84282	8270C	4/12/2005 9:29:00PM	2.7	2.7	ug/L	U
34386	Hexachlorocyclopentadiene	N	E84282	8270C	4/12/2005 9:29:00PM	1.3	1.3	ug/L	U
34396	Hexachloroethane	N	E84282	8270C	4/12/2005 9:29:00PM	0.94	0.94	ug/L	U
0	Hexachlorophene	N	E84282	8270C	4/12/2005 9:29:00PM	4200	4200	ug/L	U
34403	Indeno[1,2,3-cd]pyrene	N	E84282	8270C	4/12/2005 9:29:00PM	1.3	1.3	ug/L	U
1059	Thallium	N	E84282	6010B	4/5/2005 10:50:00AM	6.6	6.6	ug/L	U
34413	Bromomethane	N	E84282	8260B	4/1/2005 9:19:00PM	6.6	6.6	ug/L	U
34501	1,1-Dichloroethene	N	E84282	8260B	4/1/2005 9:19:00PM	4.5	4.5	ug/L	U
39080	Pronamide	N	E84282	8270C	4/12/2005 9:29:00PM	0.78	0.78	ug/L	U
34469	Pyrene	N	E84282	8270C	4/12/2005 9:29:00PM	1.3	1.3	ug/L	U
77545	Safrole, Total	N	E84282	8270C	4/12/2005 9:29:00PM	1.3	1.3	ug/L	U
77562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	4/1/2005 9:19:00PM	6.3	6.3	ug/L	U
34506	1,1,1-Trichloroethane	N	E84282	8260B	4/1/2005 9:19:00PM	4.6	4.6	ug/L	U
34516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	4/1/2005 9:19:00PM	1.4	1.4	ug/L	U

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WACS Facility ID #: 33628
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 (i.e.: LC - Leachate, G-II, SW-III(F))

Sample Date/Time: 3/24/2005 10:50:00AM
 Sampling Method: Grab
 Permitted
 Well Type: OT
 (AS) Assessment (IW) Irrigation Well
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 (DE) Detection (SO) Source
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* 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
34210	Acrolein	N	E84282	8260B	4/1/2005 9:19:00PM	38	38	ug/L	U
34496	1,1-Dichloroethane	N	E84282	8260B	4/1/2005 9:19:00PM	5.2	5.2	ug/L	U
73589	Methapyriline	N	E84282	8270C	4/12/2005 9:29:00PM	1.2	1.2	ug/L	U
77168	1,1-Dichloropropene	N	E84282	8260B	4/1/2005 9:19:00PM	3.1	3.1	ug/L	U
77443	1,2,3-Trichloropropane	N	E84282	8260B	4/1/2005 9:19:00PM	1.5	1.5	ug/L	U
34531	1,2-Dichloroethane	N	E84282	8260B	4/1/2005 9:19:00PM	5.7	5.7	ug/L	U
34391	Hexachlorobutadiene	N	E84282	8270C	4/12/2005 9:29:00PM	1.1	1.1	ug/L	U
77173	1,3-Dichloropropane	N	E84282	8260B	4/1/2005 9:19:00PM	3.9	3.9	ug/L	U
73626	Phenacetin	N	E84282	8270C	4/12/2005 9:29:00PM	0.93	0.93	ug/L	U
77103	2-Hexanone	N	E84282	8260B	4/1/2005 9:19:00PM	44	44	ug/L	U
34511	1,1,2-Trichloroethane	N	E84282	8260B	4/1/2005 9:19:00PM	4.7	4.7	ug/L	U
81595	Methyl Ethyl Ketone	N	E84282	8260B	4/1/2005 9:19:00PM	1000	84	ug/L	U
34408	Isophorone	N	E84282	8270C	4/12/2005 9:29:00PM	1.6	1.6	ug/L	U
34311	Chloroethane	N	E84282	8260B	4/1/2005 9:19:00PM	8	8	ug/L	U
34438	N-Nitrosodimethylamine	N	E84282	8270C	4/12/2005 9:29:00PM	2.7	2.7	ug/L	U
49263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	4/1/2005 9:19:00PM	25	25	ug/L	U
1092	Zinc	N	E84282	6010B	4/5/2005 10:50:00AM	15	5.9	ug/L	I
929	Sodium	N	E84282	6010B	4/5/2005 10:56:00AM	880	3	mg/L	U
81316	Pentachloronitrobenzene	N	E84282	8270C	4/12/2005 9:29:00PM	1.7	1.7	ug/L	U
94	Specific Conductance	N	E84282	120.1	3/24/2005 10:50:00AM	7300		umhos/cm	U
77793	Pentachlorobenzene	N	E84282	8270C	4/12/2005 9:29:00PM	1.1	1.1	ug/L	U
78133	methyl isobutyl ketone	N	E84282	8260B	4/1/2005 9:19:00PM	38	38	ug/L	U
81597	Methyl methacrylate	N	E84282	8260B	4/1/2005 9:19:00PM	6.6	6.6	ug/L	U
34423	Methylene Chloride	N	E84282	8260B	4/1/2005 9:19:00PM	10	10	ug/L	U
77007	Propionitrile	N	E84282	8260B	4/1/2005 9:19:00PM	72	72	ug/L	U
77128	Styrene	N	E84282	8260B	4/1/2005 9:19:00PM	9.8	9.8	ug/L	U
34475	Tetrachloroethene	N	E84282	8260B	4/1/2005 9:19:00PM	3.4	3.4	ug/L	U
34010	Toluene	N	E84282	8260B	4/1/2005 9:19:00PM	12	5.1	ug/L	U
71900	Mercury	N	E84282	7470A	4/19/2005 8:01:00PM	0.072	0.072	ug/L	U
73619	N-Nitrosopiperidine	N	E84282	8270C	4/12/2005 9:29:00PM	0.97	0.97	ug/L	U
73595	Methyl methanesulfonate	N	E84282	8270C	4/12/2005 9:29:00PM	1.3	1.3	ug/L	U
73622	N-Nitro-o-toluidine	N	E84282	8270C	4/12/2005 9:29:00PM	1	1	ug/L	U
73609	N-Nitrosodi-n-butylamine	N	E84282	8270C	4/12/2005 9:29:00PM	1.7	1.7	ug/L	U
34428	N-Nitrosodi-n-propylamine	N	E84282	8270C	4/12/2005 9:29:00PM	2.1	2.1	ug/L	U
73611	N-Nitrosodiethylamine	N	E84282	8270C	4/12/2005 9:29:00PM	1.7	1.7	ug/L	U
34694	Phenol	N	E84282	8270C	4/12/2005 9:29:00PM	130	2.7	ug/L	U
39032	Pentachlorophenol	N	E84282	8270C	4/12/2005 9:29:00PM	1.7	1.7	ug/L	U
34461	Phenanthrene	N	E84282	8270C	4/12/2005 9:29:00PM	1.4	1.4	ug/L	U
39540	Parathion	N	E84282	8141A	4/5/2005 5:02:00AM	0.087	0.087	ug/L	U
78206	N-Nitrosopyrrolidine	N	E84282	8270C	4/12/2005 9:29:00PM	1.3	1.3	ug/L	U
34696	Naphthalene	N	E84282	8270C	4/12/2005 9:29:00PM	8.7	1.4	ug/L	I
34447	Nitrobenzene	N	E84282	8270C	4/12/2005 9:29:00PM	2.1	2.1	ug/L	U
73652	o,o',o"-Triethylphosphorothioate	N	E84282	8270C	4/12/2005 9:29:00PM	2	2	ug/L	U
77142	o-Toluidine	N	E84282	8270C	4/12/2005 9:29:00PM	18	1.3	ug/L	U
73558	p-Dimethylamino azobenzene	N	E84282	8270C	4/12/2005 9:29:00PM	0.74	0.74	ug/L	U
73628	p-Phenylene diamine	N	E84282	8270C	4/12/2005 9:29:00PM	3.4	3.4	ug/L	U
34433	N-Nitrosodiphenylamine	N	E84282	8270C	4/12/2005 9:29:00PM	1.8	1.8	ug/L	U
34320	Chrysene	N	E84282	8270C	4/12/2005 9:29:00PM	1.3	1.3	ug/L	U
39100	Bis(2-ethylhexyl) phthalate	N	E84282	8270C	4/12/2005 9:29:00PM	1.4	1.4	ug/L	U
34381	Fluorene	N	E84282	8270C	4/12/2005 9:29:00PM	1.9	1.9	ug/L	U
34376	Fluoranthene	N	E84282	8270C	4/12/2005 9:29:00PM	1.3	1.3	ug/L	U
73571	Ethyl methanesulfonate	N	E84282	8270C	4/12/2005 9:29:00PM	1.4	1.4	ug/L	U

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Well Type: OT

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77579	Diphenylamine	N	E84282	8270C	4/12/2005 9:29:00PM	1.2	1.2	ug/L	U
34341	Dimethyl phthalate	N	E84282	8270C	4/12/2005 9:29:00PM	2.3	2.3	ug/L	U
34336	Diethyl phthalate	N	E84282	8270C	4/12/2005 9:29:00PM	9.5	1.8	ug/L	I
81302	Dibenzofuran	N	E84282	8270C	4/12/2005 9:29:00PM	1.8	1.8	ug/L	U
34556	Dibenz(a,h)anthracene	N	E84282	8270C	4/12/2005 9:29:00PM	1.1	1.1	ug/L	U
73540	Diallate	N	E84282	8270C	4/12/2005 9:29:00PM	1.6	1.6	ug/L	U
34626	2,6-Dinitrotoluene	N	E84282	8270C	4/12/2005 9:29:00PM	0.8	0.8	ug/L	U
39110	Di-n-butyl phthalate	N	E84282	8270C	4/12/2005 9:29:00PM	2	2	ug/L	U
34591	2-Nitrophenol	N	E84282	8270C	4/12/2005 9:29:00PM	1.3	1.3	ug/L	U
34292	Butyl benzyl phthalate	N	E84282	8270C	4/12/2005 9:29:00PM	1.3	1.3	ug/L	U
34200	Acenaphthylene	N	E84282	8270C	4/12/2005 9:29:00PM	2	2	ug/L	U
34247	Benzo[a]pyrene	N	E84282	8270C	4/12/2005 9:29:00PM	1.1	1.1	ug/L	U
73599	1,4-Naphthoquinone	N	E84282	8270C	4/12/2005 9:29:00PM	0.6	0.6	ug/L	U
34646	4-Nitrophenol	N	E84282	8270C	4/12/2005 9:29:00PM	6.9	6.9	ug/L	U
34631	3,3'-Dichlorobenzidine	N	E84282	8270C	4/12/2005 9:29:00PM	1.8	1.8	ug/L	U
34205	Acenaphthene	N	E84282	8270C	4/12/2005 9:29:00PM	1.7	1.7	ug/L	U
77687	2,4,5-Trichlorophenol	N	E84282	8270C	4/12/2005 9:29:00PM	2.3	2.3	ug/L	U
81553	Acetophenone	N	E84282	8270C	4/12/2005 9:29:00PM	.65	1.7	ug/L	U
34283	Bis-Chloroisopropyl Ether	N	E84282	8270C	4/12/2005 9:29:00PM	2.3	2.3	ug/L	U
34526	Benzo[a]anthracene	N	E84282	8270C	4/12/2005 9:29:00PM	1.8	1.8	ug/L	U
34596	Di-n-octyl phthalate	N	E84282	8270C	4/12/2005 9:29:00PM	1.3	1.3	ug/L	U
34606	2,4-Dimethylphenol	N	E84282	8270C	4/12/2005 9:29:00PM	2	2	ug/L	U
34452	4-Chloro-3-methylphenol	N	E84282	8270C	4/12/2005 9:29:00PM	1.9	1.9	ug/L	U
77581	4-Aminobiphenyl	N	E84282	8270C	4/12/2005 9:29:00PM	0.9	0.9	ug/L	U
73529	4-Chloroaniline	N	E84282	8270C	4/12/2005 9:29:00PM	2.3	2.3	ug/L	U
34657	4,6-Dinitro-2-methylphenol	N	E84282	8270C	4/12/2005 9:29:00PM	1.7	1.7	ug/L	U
78300	3-Nitroaniline	N	E84282	8270C	4/12/2005 9:29:00PM	1.3	1.3	ug/L	U
77170	2,2-Dichloropropane	N	E84282	8260B	4/1/2005 9:19:00PM	3.6	3.6	ug/L	U
73591	3-Methylcholanthrene	N	E84282	8270C	4/12/2005 9:29:00PM	0.62	0.62	ug/L	U
82213	3,3'-Dimethylbenzidine	N	E84282	8270C	4/12/2005 9:29:00PM	16	16	ug/L	U
34636	4-Bromophenyl phenyl ether	N	E84282	8270C	4/12/2005 9:29:00PM	1.9	1.9	ug/L	U
34581	2-Chloronaphthalene	N	E84282	8270C	4/12/2005 9:29:00PM	1.8	1.8	ug/L	U
34273	Bis(2-chloroethyl)ether	N	E84282	8270C	4/12/2005 9:29:00PM	2.9	2.9	ug/L	U
34601	2,4-Dichlorophenol	N	E84282	8270C	4/12/2005 9:29:00PM	2	2	ug/L	U
73559	7,12-Dimethylbenz(a)anthracene	N	E84282	8270C	4/12/2005 9:29:00PM	1	1	ug/L	U
34616	2,4-Dinitrophenol	N	E84282	8270C	4/12/2005 9:29:00PM	6.9	6.9	ug/L	U
34611	2,4-Dinitrotoluene	N	E84282	8270C	4/12/2005 9:29:00PM	1	1	ug/L	U
77541	2,6-Dichlorophenol	N	E84282	8270C	4/12/2005 9:29:00PM	1.8	1.8	ug/L	U
34586	2-Chlorophenol	N	E84282	8270C	4/12/2005 9:29:00PM	2.3	2.3	ug/L	U
73501	2-Acetylaminofluorene	N	E84282	8270C	4/12/2005 9:29:00PM	0.86	0.86	ug/L	U
77151	3 & 4 Methylphenol	N	E84282	8270C	4/12/2005 9:29:00PM	56	2.7	ug/L	U
34641	4-Chlorophenyl phenyl ether	N	E84282	8270C	4/12/2005 9:29:00PM	2	2	ug/L	U
77416	2-Methylnaphthalene	N	E84282	8270C	4/12/2005 9:29:00PM	1.8	1.8	ug/L	U
77152	2-Methylphenol	N	E84282	8270C	4/12/2005 9:29:00PM	7.5	2.6	ug/L	I
73601	2-Naphthylamine	N	E84282	8270C	4/12/2005 9:29:00PM	1.1	1.1	ug/L	U
78142	2-Nitroaniline	N	E84282	8270C	4/12/2005 9:29:00PM	1.6	1.6	ug/L	U
34621	2,4,6-Trichlorophenol	N	E84282	8270C	4/12/2005 9:29:00PM	2.1	2.1	ug/L	U
82079	Turbidity	N	E84282	180.1	3/24/2005 7:49:00AM	12.4		NTU	
34278	Bis(2-chloroethoxy)methane	N	E84282	8270C	4/12/2005 9:29:00PM	2.2	2.2	ug/L	U
39330	Aldrin	N	E84282	8081A	4/5/2005 1:20:00AM	0.00067	0.00067	ug/L	U
39370	4,4'-DDT	N	E84282	8081A	4/5/2005 1:20:00AM	0.0043	0.0043	ug/L	U
39365	4,4'-DDE	N	E84282	8081A	4/5/2005 1:20:00AM	0.012	0.0032	ug/L	I

* 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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Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 20098
WACS Testsite Name: LCS
Water Classification: LC
(i.e.: LC - Leachate, G-II, SW-III-F)

Sample Date/Time: 3/24/2005 10:50:00AM
Sampling Method: Grab
Permitted
Well Type: OT

(AS) Assessment (IW) Irrigation Well
(BG) Background (OT) Other
(CO) Compliance (PZ) Piezometer
(DE) Detection (SO) Source
(DG) Downgradient (UP) Upgradient
(IM) Intermediate (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
46369	Ethylene Dibromide	N	E84282	8011	4/1/2005 8:29:00PM	0.0091	0.0091	ug/L	U
39460	Chlorobenzilate	N	E84282	8081A	4/6/2005 6:10:00PM	0.077	0.077	ug/L	U
299	Oxygen, Dissolved	N	E84282	360.1	3/24/2005 10:50:00AM	0.1		mg/L	
39350	Chlordane (technical)	N	E84282	8081A	4/5/2005 1:20:00AM	0.059	0.059	ug/L	U
10	Temperature	N	E84282	170.1	3/24/2005 10:50:00AM	20.9		Degrees C	
403	pH	N	E84282	150.1	3/24/2005 10:50:00AM	7.26		SU	
39760	Silvex (2,4,5-TP)	N	E84282	8151A	4/7/2005 6:07:00AM	0.72	0.72	ug/L	U
34259	delta-BHC	N	E84282	8081A	4/5/2005 1:20:00AM	0.0076	0.0076	ug/L	U
34220	Anthracene	N	E84282	8270C	4/12/2005 9:29:00PM	1.1	1.1	ug/L	U
30342	4-Nitroaniline	N	E84282	8270C	4/12/2005 9:29:00PM	1.6	1.6	ug/L	U
34230	Benzo[k]fluoranthene	N	E84282	8270C	4/12/2005 9:29:00PM	1.8	1.8	ug/L	U
34366	Endrin aldehyde	N	E84282	8081A	4/5/2005 1:20:00AM	0.0052	0.0052	ug/L	U
39338	beta-BHC	N	E84282	8081A	4/5/2005 1:20:00AM	0.0065	0.0065	ug/L	U
39480	Methoxychlor	N	E84282	8081A	4/5/2005 1:20:00AM	0.016	0.0085	ug/L	I
39180	Trichloroethene	N	E84282	8260B	4/1/2005 9:19:00PM	2.8	2.8	ug/L	U
39700	Hexachlorobenzene	N	E84282	8270C	4/12/2005 9:29:00PM	1.9	1.9	ug/L	U
39420	Heptachlor epoxide	N	E84282	8081A	4/5/2005 1:20:00AM	0.0062	0.0062	ug/L	U
39337	alpha-BHC	N	E84282	8081A	4/5/2005 1:20:00AM	0.00053	0.00053	ug/L	U
39340	gamma-BHC (Lindane)	N	E84282	8081A	4/5/2005 1:20:00AM	0.011	0.011	ug/L	U
38437	1,2-Dibromo-3-Chloropropane	N	E84282	8011	4/1/2005 8:29:00PM	0.0031	0.0031	ug/L	U
39390	Endrin	N	E84282	8081A	4/5/2005 1:20:00AM	0.0036	0.0036	ug/L	U
34351	Endosulfan sulfate	N	E84282	8081A	4/5/2005 1:20:00AM	0.0072	0.0072	ug/L	U
34356	Endosulfan II	N	E84282	8081A	4/5/2005 1:20:00AM	0.008	0.008	ug/L	U
34361	Endosulfan I	N	E84282	8081A	4/5/2005 1:20:00AM	0.0065	0.0065	ug/L	U
39380	Dieldrin	N	E84282	8081A	4/5/2005 1:20:00AM	0.00089	0.00089	ug/L	U
39430	Isodrin	N	E84282	8081A	4/6/2005 6:10:00PM	0.0063	0.0063	ug/L	U
39410	Heptachlor	N	E84282	8081A	4/5/2005 1:20:00AM	0.011	0.011	ug/L	U
34242	Benzo[k]fluoranthene	N	E84282	8270C	4/12/2005 9:29:00PM	1.4	1.4	ug/L	U
34521	Benzo[g,h,i]perylene	N	E84282	8270C	4/12/2005 9:29:00PM	1.2	1.2	ug/L	U
77147	Benzyl alcohol	N	E84282	8270C	4/12/2005 9:29:00PM	3.2	3.2	ug/L	U
39360	4,4'-DDD	N	E84282	8081A	4/5/2005 1:20:00AM	0.0048	0.0048	ug/L	U

Total Parameters Monitored: 231

* 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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PARAMETER MONITORING REPORT

Rule 62-701

WACS Report Type: SEMLC

Description: Semiannual Leachate (2 Pages)

WACS Facility ID #: 33628
 WACS Testsite ID #: 0
 WACS Testsite Name: TRIP BLANK
 Water Classification: LC
 (i.e.: LC - Leachate, G-II, SW-IIIIF)

Sample Date/Time: 3/24/2005 10:25:00AM
 Sampling Method: Unknown
 Permitted
 Well Type: SO

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

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

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
34546	trans-1,2-Dichloroethene	N	E84282	8260B	4/1/2005 5:38:00PM	0.44	0.44	ug/L	U
81595	Methyl Ethyl Ketone	N	E84282	8260B	4/1/2005 5:38:00PM	8.4	8.4	ug/L	U
34475	Tetrachloroethene	N	E84282	8260B	4/1/2005 5:38:00PM	0.34	0.34	ug/L	U
77128	Styrene	N	E84282	8260B	4/1/2005 5:38:00PM	0.98	0.98	ug/L	U
77007	Propionitrile	N	E84282	8260B	4/1/2005 5:38:00PM	7.2	7.2	ug/L	U
34423	Methylene Chloride	N	E84282	8260B	4/1/2005 5:38:00PM	1	1	ug/L	U
81597	Methyl methacrylate	N	E84282	8260B	4/1/2005 5:38:00PM	0.66	0.66	ug/L	U
34496	1,1-Dichloroethane	N	E84282	8260B	4/1/2005 5:38:00PM	0.52	0.52	ug/L	U
34311	Chloroethane	N	E84282	8260B	4/1/2005 5:38:00PM	0.8	0.8	ug/L	U
81593	Methacrylonitrile	N	E84282	8260B	4/1/2005 5:38:00PM	1.8	1.8	ug/L	U
81551	Xylenes, Total	N	E84282	8260B	4/1/2005 5:38:00PM	0.98	0.98	ug/L	U
39175	Vinyl chloride	N	E84282	8260B	4/1/2005 5:38:00PM	0.5	0.5	ug/L	U
77057	Vinyl acetate	N	E84282	8260B	4/1/2005 5:38:00PM	1.5	1.5	ug/L	U
34541	1,2-Dichloropropane	N	E84282	8260B	4/1/2005 5:38:00PM	0.52	0.52	ug/L	U
77033	Isobutanol	N	E84282	8260B	4/1/2005 5:38:00PM	31	31	ug/L	U
34501	1,1-Dichloroethene	N	E84282	8260B	4/1/2005 5:38:00PM	0.45	0.45	ug/L	U
32101	Bromodichloromethane	N	E84282	8260B	4/1/2005 5:38:00PM	0.35	0.35	ug/L	U
34215	Acrylonitrile	N	E84282	8260B	4/1/2005 5:38:00PM	1.2	1.2	ug/L	U
78109	Allyl chloride	N	E84282	8260B	4/1/2005 5:38:00PM	1.1	1.1	ug/L	U
78133	methyl isobutyl ketone	N	E84282	8260B	4/1/2005 5:38:00PM	3.8	3.8	ug/L	U
34030	Benzene	N	E84282	8260B	4/1/2005 5:38:00PM	0.27	0.27	ug/L	U
73085	Chlorobromomethane	N	E84282	8260B	4/1/2005 5:38:00PM	0.58	0.58	ug/L	U
32104	Bromoform	N	E84282	8260B	4/1/2005 5:38:00PM	0.58	0.58	ug/L	U
34413	Bromomethane	N	E84282	8260B	4/1/2005 5:38:00PM	0.66	0.66	ug/L	U
77041	Carbon disulfide	N	E84282	8260B	4/1/2005 5:38:00PM	0.85	0.85	ug/L	U
32102	Carbon tetrachloride	N	E84282	8260B	4/1/2005 5:38:00PM	0.42	0.42	ug/L	U
34010	Toluene	N	E84282	8260B	4/1/2005 5:38:00PM	0.51	0.51	ug/L	U
34301	Chlorobenzene	N	E84282	8260B	4/1/2005 5:38:00PM	0.63	0.63	ug/L	U
34371	Ethylbenzene	N	E84282	8260B	4/1/2005 5:38:00PM	0.83	0.83	ug/L	U
34418	Chloromethane	N	E84282	8260B	4/1/2005 5:38:00PM	0.64	0.64	ug/L	U
34699	trans-1,3-Dichloropropene	N	E84282	8260B	4/1/2005 5:38:00PM	0.14	0.14	ug/L	U
34704	cis-1,3-Dichloropropene	N	E84282	8260B	4/1/2005 5:38:00PM	0.14	0.14	ug/L	U
32105	Dibromochloromethane	N	E84282	8260B	4/1/2005 5:38:00PM	0.34	0.34	ug/L	U
38437	1,2-Dibromo-3-Chloropropane	N	E84282	8011	4/1/2005 8:50:00PM	0.0032	0.0032	ug/L	U
46369	Ethylene Dibromide	N	E84282	8011	4/1/2005 8:50:00PM	0.0092	0.0092	ug/L	U
77562	1,1,1,2-Tetrachloroethane	N	E84282	8260B	4/1/2005 5:38:00PM	0.63	0.63	ug/L	U
34506	1,1,1-Trichloroethane	N	E84282	8260B	4/1/2005 5:38:00PM	0.46	0.46	ug/L	U
34516	1,1,2,2-Tetrachloroethane	N	E84282	8260B	4/1/2005 5:38:00PM	0.14	0.14	ug/L	U
46361	Dibromomethane	N	E84282	8260B	4/1/2005 5:38:00PM	0.41	0.41	ug/L	U
34668	Dichlorodifluoromethane	N	E84282	8260B	4/1/2005 5:38:00PM	0.4	0.4	ug/L	U
73570	Ethyl methacrylate	N	E84282	8260B	4/1/2005 5:38:00PM	0.53	0.53	ug/L	U
81520	Chloroprene	N	E84282	8260B	4/1/2005 5:38:00PM	0.89	0.89	ug/L	U
34488	Trichlorofluoromethane	N	E84282	8260B	4/1/2005 5:38:00PM	0.98	0.98	ug/L	U
34511	1,1,2-Trichloroethane	N	E84282	8260B	4/1/2005 5:38:00PM	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.

Printed: 5/2/2005

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Form Produced by FDEP Validator software

WACS Facility ID #: 33628
WACS Testsite ID #: 0
WACS Testsite Name: TRIP BLANK
Water Classification: LC
(i.e.: LC - Leachate, G-II, SW-III/F)

Sample Date/Time: 3/24/2005 10:25:00AM
Sampling Method: Unknown
Permitted
Well Type: SO

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

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

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
39180	Trichloroethene	N	E84282	8260B	4/1/2005 5:38:00PM	0.28	0.28	ug/L	U
77443	1,2,3-Trichloropropane	N	E84282	8260B	4/1/2005 5:38:00PM	0.15	0.15	ug/L	U
32106	Chloroform	N	E84282	8260B	4/1/2005 5:38:00PM	0.9	0.9	ug/L	U
34210	Acrolein	N	E84282	8260B	4/1/2005 5:38:00PM	3.8	3.8	ug/L	U
76997	Acetonitrile	N	E84282	8260B	4/1/2005 5:38:00PM	75	75	ug/L	U
81552	Acetone	N	E84282	8260B	4/1/2005 5:38:00PM	9.9	9.9	ug/L	U
77103	2-Hexanone	N	E84282	8260B	4/1/2005 5:38:00PM	4.4	4.4	ug/L	U
77170	2,2-Dichloropropane	N	E84282	8260B	4/1/2005 5:38:00PM	0.36	0.36	ug/L	U
77173	1,3-Dichloropropane	N	E84282	8260B	4/1/2005 5:38:00PM	0.39	0.39	ug/L	U
49263	trans-1,4-Dichloro-2-butene	N	E84282	8260B	4/1/2005 5:38:00PM	2.5	2.5	ug/L	U
34531	1,2-Dichloroethane	N	E84282	8260B	4/1/2005 5:38:00PM	0.57	0.57	ug/L	U
77093	cis-1,2-Dichloroethene	N	E84282	8260B	4/1/2005 5:38:00PM	0.65	0.65	ug/L	U
77168	1,1-Dichloropropene	N	E84282	8260B	4/1/2005 5:38:00PM	0.31	0.31	ug/L	U
77424	Iodomethane	N	E84282	8260B	4/1/2005 5:38:00PM	0.67	0.67	ug/L	U

Total Parameters Monitored: 58

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

Printed: 5/2/2005

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Form Produced by FDEP Validator software

Facility Name: TRAIL RIDGE CLASS I 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 #: 0
 WACS Testsite Name: COND
 Water Classification: G-II
 (i.e.: LC - Leachate, G-II, SW-III(F))

Sample Date/Time: 3/24/2005 11:15:00AM
 Sampling Method: four Composite - (Surface Wa
 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):

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
034501	1,1-Dichloroethene	N	E84282	8260B	4/7/2005 6:40:00PM	0.0036	0.0036	mg/L	U
039730	2,4-D	N	E84282	8151A	4/7/2005 4:51:00AM	0.0075	0.0075	mg/L	U
000010	Temperature	N	E84282	170.1	3/24/2005 11:15:00AM	26.6		Degrees C	
082079	Turbidity	N	E84282	180.1	3/24/2005 7:49:00AM	7.9		NTU	
000299	Oxygen, Dissolved	N	E84282	360.1	3/24/2005 11:15:00AM	3910		mg/L	
039400	Toxaphene	N	E84282	8081A	4/6/2005 4:32:00AM	0.019	0.019	mg/L	U
039350	Chlordane (technical)	N	E84282	8081A	4/6/2005 4:32:00AM	0.0034	0.0034	mg/L	U
039390	Endrin	N	E84282	8081A	4/6/2005 4:32:00AM	0.00061	0.00061	mg/L	U
039340	gamma-BHC (Lindane)	N	E84282	8081A	4/6/2005 4:32:00AM	0.00021	0.00021	mg/L	U
039410	Heptachlor	N	E84282	8081A	4/6/2005 4:32:00AM	0.00036	0.00036	mg/L	U
039420	Heptachlor epoxide	N	E84282	8081A	4/6/2005 4:32:00AM	0.00022	0.00022	mg/L	U
039480	Methoxychlor	N	E84282	8081A	4/6/2005 4:32:00AM	0.00044	0.00044	mg/L	U
034571	1,4-Dichlorobenzene	N	E84282	8270C	4/4/2005 7:33:00PM	0.027	0.027	mg/L	U
039760	Silvex (2,4,5-TP)	N	E84282	8151A	4/7/2005 4:51:00AM	0.0016	0.0016	mg/L	U
001034	Chromium	N	E84282	6010B	3/31/2005 10:14:00AM	0.043	0.043	mg/L	U
077687	2,4,5-Trichlorophenol	N	E84282	8270C	4/4/2005 7:33:00PM	0.034	0.034	mg/L	U
034621	2,4,6-Trichlorophenol	N	E84282	8270C	4/4/2005 7:33:00PM	0.024	0.024	mg/L	U
034611	2,4-Dinitrotoluene	N	E84282	8270C	4/4/2005 7:33:00PM	0.027	0.027	mg/L	U
039700	Hexachlorobenzene	N	E84282	8270C	4/4/2005 7:33:00PM	0.024	0.024	mg/L	U
034391	Hexachlorobutadiene	N	E84282	8270C	4/4/2005 7:33:00PM	0.032	0.032	mg/L	U
034396	Hexachloroethane	N	E84282	8270C	4/4/2005 7:33:00PM	0.032	0.032	mg/L	U
034447	Nitrobenzene	N	E84282	8270C	4/4/2005 7:33:00PM	0.031	0.031	mg/L	U
077152	o-Cresol	N	E84282	8270C	4/4/2005 7:33:00PM	0.11	0.031	mg/L	I
039032	Pentachlorophenol	N	E84282	8270C	4/4/2005 7:33:00PM	0.076	0.028	mg/L	I
077045	Pyridine	N	E84282	8270C	4/4/2005 7:33:00PM	0.043	0.043	mg/L	U
000094	Specific Conductance	N	E84282	120.1	3/24/2005 11:15:00AM	3910		umhos/cm	
034531	1,2-Dichloroethane	N	E84282	8260B	4/7/2005 6:40:00PM	0.0025	0.0025	mg/L	U
977148	m & p - Cresol	N	E84282	8270C	4/4/2005 7:56:00PM	7.9	0.16	mg/L	
034030	Benzene	N	E84282	8260B	4/7/2005 6:40:00PM	0.0077	0.0024	mg/L	I
032102	Carbon tetrachloride	N	E84282	8260B	4/7/2005 6:40:00PM	0.0043	0.0043	mg/L	U
034301	Chlorobenzene	N	E84282	8260B	4/7/2005 6:40:00PM	0.0036	0.0036	mg/L	U
032106	Chloroform	N	E84282	8260B	4/7/2005 6:40:00PM	0.0038	0.0038	mg/L	U
034475	Tetrachloroethene	N	E84282	8260B	4/7/2005 6:40:00PM	0.0075	0.0046	mg/L	I
039180	Trichloroethene	N	E84282	8260B	4/7/2005 6:40:00PM	0.004	0.004	mg/L	U
039175	Vinyl chloride	N	E84282	8260B	4/7/2005 6:40:00PM	0.0043	0.0043	mg/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	4/11/2005 5:07:00PM	29	0.039	mg/L	
001002	Arsenic	N	E84282	6010B	3/31/2005 10:14:00AM	0.18	0.095	mg/L	I
001007	Barium	N	E84282	6010B	3/31/2005 10:14:00AM	0.11	0.03	mg/L	I
001027	Cadmium	N	E84282	6010B	3/31/2005 10:14:00AM	0.018	0.018	mg/L	U
000403	pH	N	E84282	150.1	3/24/2005 11:15:00AM	6.63		SU	
001051	Lead	N	E84282	6010B	3/31/2005 10:14:00AM	0.038	0.038	mg/L	U
001147	Selenium	N	E84282	6010B	3/31/2005 10:14:00AM	0.12	0.12	mg/L	U
001077	Silver	N	E84282	6010B	3/31/2005 10:14:00AM	0.048	0.048	mg/L	U
071900	Mercury	N	E84282	7470A	3/31/2005 6:17:00PM	0.00036	0.00036	mg/L	U

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

Printed: 4/27/2005

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Form Produced by FDEP Validator software

Facility Name: TRAIL RIDGE CLASS I 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 #: _____
WACS Testsite Name: TRIP BLANK
Water Classification: G-II
(i.e.: LC - Leachate, G-II, SW-III(F))

Sample Date/Time: 3/24/2005 11:15:00AM
Sampling Method: four Composite - (Surface Wa
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):

STORET Code	Parameter Monitored	Field Filtered (Y/N)	NELAC Lab Certification # (DOHE)	Analysis Method	Analysis Date/Time	Analysis Result	Detection Limit	Units	Qual
034501	1,1-Dichloroethene	N	E84282	8260B	4/11/2005 4:41:00PM	0.0036	0.0036	mg/L	U
034531	1,2-Dichloroethane	N	E84282	8260B	4/11/2005 4:41:00PM	0.0025	0.0025	mg/L	U
034030	Benzene	N	E84282	8260B	4/11/2005 4:41:00PM	0.0024	0.0024	mg/L	U
032102	Carbon tetrachloride	N	E84282	8260B	4/11/2005 4:41:00PM	0.0043	0.0043	mg/L	U
034301	Chlorobenzene	N	E84282	8260B	4/11/2005 4:41:00PM	0.0036	0.0036	mg/L	U
032106	Chloroform	N	E84282	8260B	4/11/2005 4:41:00PM	0.0038	0.0038	mg/L	U
081595	Methyl Ethyl Ketone	N	E84282	8260B	4/11/2005 4:41:00PM	0.08	0.0039	mg/L	I
034475	Tetrachloroethene	N	E84282	8260B	4/11/2005 4:41:00PM	0.0046	0.0046	mg/L	U
039180	Trichloroethene	N	E84282	8260B	4/11/2005 4:41:00PM	0.004	0.004	mg/L	U
039175	Vinyl chloride	N	E84282	8260B	4/11/2005 4:41:00PM	0.0043	0.0043	mg/L	U

Total Parameters Monitored: 10

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

Printed: 4/27/2005

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Form Produced by FDEP Validator software

Appendix G

STL Laboratory Reports – Leachate Sample Points

**STL**

STL Tampa • 6712 Benjamin Road • Suite 100 • Tampa, FL 33634 • Tel 813 885 7427 • Fax 813 885 7049 • www.stl-inc.com

Case Narrative: STL Project 660-934

Client: HDR, Inc.

Project: Trail Ridge

Laboratory: STL Tampa

Two liquid samples were received on March 25, 2005 and logged in as STL Project 660-934.

8082

The original analysis for PCBs that is indicated on the report as Secondary data was reported without the LCS/LCSD due to a laboratory error. The samples were re extracted and indicated acceptable method performance with comparable results. The re extracted data is indicated on the report as Primary data. The re extracted samples were performed after the EPA recommended holding time had exceeded. Both sets of data are included in this report.



STL

ANALYTICAL REPORT

Job Number: 660-934.1

Job Description: Trail Ridge/Semi-annual/LCS,LDSS

For:

HDR, Inc.
200 W. Forsyth St., Suite 800
Jacksonville, FL 32202

Attention: Mr. Brad Stone

A handwritten signature in black ink, appearing to read "Nancy Robertson", written over a horizontal line.

Nancy Robertson
Project Manager I
nrobertson@stl-inc.com

04/29/2005

Methods: FDEP, 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 Laboratories, Inc.

STL Tampa 6712 Benjamin Road, Suite 100, Tampa, FL 33634
Tel 813-8857427 Fax 813-8857049 www.stl-inc.com

METHOD SUMMARY

Client: HDR, Inc.

Job Number: 660-934.1

Description	Method	Preparation Method
Matrix: Water		
Volatile Organic Compounds by GC/MS Purge-and-Trap	SW846 8260B	SW846 5030B
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) Continuous Liquid-Liquid Extraction	SW846 8270C	SW846 3520C
EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography (	SW846 8011	SW846 8011
Organochlorine Pesticides by Gas Chromatography Separatory Funnel Liquid-Liquid Extraction	SW846 8081A	SW846 3510C
Polychlorinated Biphenyls (PCBs) by Gas Chromatography Separatory Funnel Liquid-Liquid Extraction	SW846 8082	SW846 3510C
Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique Continuous Liquid-Liquid Extraction	SW846 8141A	SW846 3520C
Chlorinated Herbicides by GC Using Methylation or Pentafluorobenzoylation Derivat Chlorinated Herbicides by GC - Aqueous Prep	SW846 8151A	SW846 8151A
Inductively Coupled Plasma - Atomic Emission Spectrometry Acid Digestion of Waters for Total Recoverable or Dissolved Metals	SW846 6010B	SW846 3005A
Mercury in Liquid Waste (Manual Cold Vapor Technique) Mercury in Liquid Waste (Manual Cold Vapor Technique)/Preparation	SW846 7470A	SW846 7470A
Conductivity, Specific Conductance Field	MCAWW 120.1	
pH, Electrometric Field	MCAWW 150.1	
Temperature, Thermometric Field	MCAWW 170.1	
Turbidity, Nephelometric Field	MCAWW 180.1	
Oxygen (Dissolved, Membrane Electrode) Field	MCAWW 360.1	
Residue, Filterable, Gravimetric, Dried at 180°C (TDS)	MCAWW 160.1	
Alkalinity, Titration Method	SM18 2320B	
Chloride (Colorimetric, Automated Ferricyanide, AAI)	MCAWW 325.2	
Cyanide, Total (Titrimetric; Spectrophotometric) Distillation/Cyanide	MCAWW 335.2	Distillation
Nitrogen (Ammonia, Colorimetric, Automated Phenate)	MCAWW 350.1	

STL Tampa



STL

METHOD SUMMARY

Client: HDR, Inc.

Job Number: 660-934.1

Description	Method	Preparation Method
Matrix: Water		
Nitrogen, Nitrate-Nitrite (Colorimetric, Automated, Cadmium Reduction)	MCAWW 353.2	
Nitrogen, Nitrate-Nitrite (Colorimetric, Automated, Cadmium Reduction)/Prep		MCAWW 353.2
Sulfide (Titrimetric, Iodine)	MCAWW 376.1	

REFERENCES

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.

**STL****SAMPLE SUMMARY**

Client: HDR, Inc.

Job Number: 660-934.1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
660-934-1	LDSS	Water	03/24/2005 1025	03/25/2005 0845
660-934-2	LCS	Water	03/24/2005 1050	03/25/2005 0845
660-934-3	TRIP BLANK	Water	03/24/2005 1025	03/25/2005 0845

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-934.1

Client Sample ID: LDSS

Lab Sample ID: 660-934-1

Date Sampled: 03/24/2005 1025

Client Matrix: Water

Date Received: 03/25/2005 0845

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 660-4040

Instrument ID: BVMG GC/MS

Preparation: 5030B

Lab File ID: 1GD0413.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 04/04/2005 1417

Final Weight/Volume: 5 mL

Date Prepared: 04/04/2005 1417

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2,2-Tetrachloroethane	0.14	U	0.14	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
1,2,3-Trichloropropane	0.15	U	0.15	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
2-Hexanone	4.4	U	4.4	10
Acetone	9.9	U	9.9	10
Acetonitrile	75	U	75	200
Acrolein	3.8	U	3.8	100
Acrylonitrile	1.2	U	1.2	100
Allyl chloride	1.1	U	1.1	1.0
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
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
Chlorobromomethane	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
Chloroprene	0.89	U	0.89	5.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
Dibromochloromethane	0.34	U	0.34	1.0
Dibromomethane	0.41	U	0.41	1.0
Dichlorodifluoromethane	0.40	U	0.40	1.0
Ethyl methacrylate	0.53	U	0.53	5.0
Ethylbenzene	0.83	U	0.83	1.0
Iodomethane	0.67	U	0.67	1.0

STL Tampa

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-934.1

Client Sample ID: LDSS

Lab Sample ID: 660-934-1

Date Sampled: 03/24/2005 1025

Client Matrix: Water

Date Received: 03/25/2005 0845

8260B Volatile Organic Compounds by GC/MS (Continued)

Method: 8260B

Analysis Batch: 660-4040

Instrument ID: BVMG GC/MS

Preparation: 5030B

Lab File ID: 1GD0413.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 04/04/2005 1417

Final Weight/Volume: 5 mL

Date Prepared: 04/04/2005 1417

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Isobutanol	31	U	31	200
Methacrylonitrile	1.8	U	1.8	100
Methyl Ethyl Ketone	8.4	U	8.4	10
methyl isobutyl ketone	3.8	U	3.8	10
Methyl methacrylate	0.66	U	0.66	5.0
Methylene Chloride	1.2	I	1.0	5.0
Propionitrile	7.2	U	7.2	100
Styrene	0.98	U	0.98	1.0
Tetrachloroethene	0.34	U	0.34	1.0
Toluene	0.51	U	0.51	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
Trichloroethene	0.28	U	0.28	1.0
Trichlorofluoromethane	0.98	U	0.98	1.0
Vinyl acetate	1.5	U	1.5	10
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0
Surrogate	%Rec		Acceptance Limits	
4-Bromofluorobenzene	91		74 - 126	
Dibromofluoromethane	94		70 - 130	
Toluene-d8	101		77 - 122	

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-934.1

Client Sample ID: LCS

Lab Sample ID: 660-934-2

Date Sampled: 03/24/2005 1050

Client Matrix: Water

Date Received: 03/25/2005 0845

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 660-3992

Instrument ID: BVMG GC/MS

Preparation: 5030B

Lab File ID: 1GD0126.D

Dilution: 10

Initial Weight/Volume: 5 mL

Date Analyzed: 04/01/2005 2119

Final Weight/Volume: 5 mL

Date Prepared: 04/01/2005 2119

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,1,2-Tetrachloroethane	6.3	U	6.3	10
1,1,1-Trichloroethane	4.6	U	4.6	10
1,1,2,2-Tetrachloroethane	1.4	U	1.4	10
1,1,2-Trichloroethane	4.7	U	4.7	10
1,1-Dichloroethane	5.2	U	5.2	10
1,1-Dichloroethene	4.5	U	4.5	10
1,1-Dichloropropene	3.1	U	3.1	10
1,2,3-Trichloropropane	1.5	U	1.5	10
1,2-Dichloroethane	5.7	U	5.7	10
1,2-Dichloropropane	5.2	U	5.2	10
1,3-Dichloropropane	3.9	U	3.9	10
2,2-Dichloropropane	3.6	U	3.6	10
2-Hexanone	44	U	44	100
Acetone	840		99	100
Acetonitrile	750	U	750	2000
Acrolein	38	U	38	1000
Acrylonitrile	12	U	12	1000
Allyl chloride	11	U	11	10
Benzene	2.7	U	2.7	10
Bromodichloromethane	3.5	U	3.5	10
Bromoform	5.8	U	5.8	10
Bromomethane	6.6	U	6.6	10
Carbon disulfide	8.5	U	8.5	10
Carbon tetrachloride	4.2	U	4.2	10
Chlorobenzene	6.3	U	6.3	10
Chlorobromomethane	5.8	U	5.8	10
Chloroethane	8.0	U	8.0	10
Chloroform	9.0	U	9.0	10
Chloromethane	6.4	U	6.4	10
Chloroprene	8.9	U	8.9	50
cis-1,2-Dichloroethene	6.5	U	6.5	10
cis-1,3-Dichloropropene	1.4	U	1.4	10
Dibromochloromethane	3.4	U	3.4	10
Dibromomethane	4.1	U	4.1	10
Dichlorodifluoromethane	4.0	U	4.0	10
Ethyl methacrylate	5.3	U	5.3	50
Ethylbenzene	16		8.3	10
Iodomethane	6.7	U	6.7	10

STL Tampa

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-934.1

Client Sample ID: LCS

Lab Sample ID: 660-934-2

Date Sampled: 03/24/2005 1050

Client Matrix: Water

Date Received: 03/25/2005 0845

8260B Volatile Organic Compounds by GC/MS (Continued)

Method: 8260B

Analysis Batch: 660-3992

Instrument ID: BVMG GC/MS

Preparation: 5030B

Lab File ID: 1GD0126.D

Dilution: 10

Initial Weight/Volume: 5 mL

Date Analyzed: 04/01/2005 2119

Final Weight/Volume: 5 mL

Date Prepared: 04/01/2005 2119

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Isobutanol	310	U	310	2000
Methacrylonitrile	18	U	18	1000
Methyl Ethyl Ketone	1000		84	100
methyl isobutyl ketone	38	U	38	100
Methyl methacrylate	6.6	U	6.6	50
Methylene Chloride	10	U	10	50
Propionitrile	72	U	72	1000
Styrene	9.8	U	9.8	10
Tetrachloroethene	3.4	U	3.4	10
Toluene	12		5.1	10
trans-1,2-Dichloroethene	4.4	U	4.4	10
trans-1,3-Dichloropropene	1.4	U	1.4	10
trans-1,4-Dichloro-2-butene	25	U	25	100
Trichloroethene	2.8	U	2.8	10
Trichlorofluoromethane	9.8	U	9.8	10
Vinyl acetate	15	U	15	100
Vinyl chloride	5.0	U	5.0	10
Xylenes, Total	35		9.8	10

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	99	74 - 126
Dibromofluoromethane	102	70 - 130
Toluene-d8	102	77 - 122

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-934.1

Client Sample ID: **TRIP BLANK**

Lab Sample ID: 660-934-3

Date Sampled: 03/24/2005 1025

Client Matrix: Water

Date Received: 03/25/2005 0845

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 660-3992

Instrument ID: BVMG GC/MS

Preparation: 5030B

Lab File ID: 1GD0117.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 04/01/2005 1738

Final Weight/Volume: 5 mL

Date Prepared: 04/01/2005 1738

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetonitrile	75	U	75	200
Acetone	9.9	U	9.9	10
Acrolein	3.8	U	3.8	100
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
Chlorobromomethane	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
Allyl chloride	1.1	U	1.1	1.0
Chloroprene	0.89	U	0.89	5.0
Dibromochloromethane	0.34	U	0.34	1.0
Dibromomethane	0.41	U	0.41	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
Dichlorodifluoromethane	0.40	U	0.40	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
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	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	0.83	U	0.83	1.0
Ethyl methacrylate	0.53	U	0.53	5.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
Isobutanol	31	U	31	200

STL Tampa

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-934.1

Client Sample ID: **TRIP BLANK**

Lab Sample ID: 660-934-3

Date Sampled: 03/24/2005 1025

Client Matrix: Water

Date Received: 03/25/2005 0845

8260B Volatile Organic Compounds by GC/MS (Continued)

Method: 8260B

Analysis Batch: 660-3992

Instrument ID: BVMG GC/MS

Preparation: 5030B

Lab File ID: 1GD0117.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 04/01/2005 1738

Final Weight/Volume: 5 mL

Date Prepared: 04/01/2005 1738

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Methacrylonitrile	1.8	U	1.8	100
methyl isobutyl ketone	3.8	U	3.8	10
Methylene Chloride	1.0	U	1.0	5.0
Methyl methacrylate	0.66	U	0.66	5.0
Propionitrile	7.2	U	7.2	100
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
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0
Surrogate	%Rec	Acceptance Limits		
4-Bromofluorobenzene	91	74 - 126		
Dibromofluoromethane	95	70 - 130		
Toluene-d8	96	77 - 122		

Analytical Data

Client: HDR, Inc.

Job Number: 660-934.1

Client Sample ID: LDSS

Lab Sample ID: 660-934-1

Date Sampled: 03/24/2005 1025

Client Matrix: Water

Date Received: 03/25/2005 0845

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C

Analysis Batch: 660-4787

Instrument ID: 5972MSD

Preparation: 3520C

Prep Batch: 660-3858

Lab File ID: 1BD12018.D

Dilution: 1.0

Initial Weight/Volume: 950 mL

Date Analyzed: 04/12/2005 2101

Final Weight/Volume: 1 mL

Date Prepared: 03/31/2005 1700

Injection Volume:

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2,4,5-Tetrachlorobenzene	1.2	U	1.2	11
1,2,4-Trichlorobenzene	1.3	U	1.3	11
1,2-Dichlorobenzene	1.2	U	1.2	11
1,3,5-Trinitrobenzene	0.64	U	0.64	11
1,3-Dichlorobenzene	1.2	U	1.2	11
1,3-Dinitrobenzene	1.0	U	1.0	11
1,4-Dichlorobenzene	5.3	I	1.3	11
1,4-Naphthoquinone	0.57	U	0.57	11
1-Naphthylamine	0.88	U	0.88	11
2,3,4,6-Tetrachlorophenol	0.68	U	0.68	11
2,4,5-Trichlorophenol	2.2	U	2.2	11
2,4,6-Trichlorophenol	2.0	U	2.0	11
2,4-Dichlorophenol	1.9	U	1.9	11
2,4-Dimethylphenol	1.9	U	1.9	11
2,4-Dinitrophenol	6.5	U	6.5	53
2,4-Dinitrotoluene	0.96	U	0.96	11
2,6-Dichlorophenol	1.7	U	1.7	11
2,6-Dinitrotoluene	0.76	U	0.76	11
2-Acetylaminofluorene	0.81	U	0.81	11
2-Chloronaphthalene	1.7	U	1.7	11
2-Chlorophenol	2.2	U	2.2	11
2-Methylnaphthalene	1.7	U	1.7	11
2-Methylphenol	2.4	U	2.4	11
2-Naphthylamine	1.1	U	1.1	11
2-Nitroaniline	1.5	U	1.5	53
2-Nitrophenol	1.3	U	1.3	11
3 & 4 Methylphenol	2.5	U	2.5	11
3,3'-Dichlorobenzidine	1.7	U	1.7	21
3,3'-Dimethylbenzidine	15	U	15	21
3-Methylcholanthrene	0.59	U	0.59	11
3-Nitroaniline	1.3	U	1.3	53
4,6-Dinitro-2-methylphenol	1.6	U	1.6	53
4-Aminobiphenyl	0.85	U	0.85	11
4-Bromophenyl phenyl ether	1.8	U	1.8	11
4-Chloro-3-methylphenol	1.8	U	1.8	11
4-Chloroaniline	2.2	U	2.2	21
4-Chlorophenyl phenyl ether	1.9	U	1.9	11
4-Nitroaniline	1.5	U	1.5	53

STL Tampa

Analytical Data

Client: HDR, Inc.

Job Number: 660-934.1

Client Sample ID: **LDSS**

Lab Sample ID: 660-934-1

Date Sampled: 03/24/2005 1025

Client Matrix: Water

Date Received: 03/25/2005 0845

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Method:	8270C	Analysis Batch:	660-4787	Instrument ID:	5972MSD
Preparation:	3520C	Prep Batch:	660-3858	Lab File ID:	1BD12018.D
Dilution:	1.0			Initial Weight/Volume:	950 mL
Date Analyzed:	04/12/2005 2101			Final Weight/Volume:	1 mL
Date Prepared:	03/31/2005 1700			Injection Volume:	

Analyte	Result (ug/L)	Qualifier	MDL	PQL
4-Nitrophenol	6.5	U	6.5	53
7,12-Dimethylbenz(a)anthracene	0.97	U	0.97	11
Acenaphthene	1.6	U	1.6	11
Acenaphthylene	1.9	U	1.9	11
Acetophenone	2.3	I	1.6	11
Anthracene	1.1	U	1.1	11
Benzo[a]anthracene	1.7	U	1.7	11
Benzo[a]pyrene	1.0	U	1.0	4.2
Benzo[b]fluoranthene	1.7	U	1.7	11
Benzo[g,h,i]perylene	1.2	U	1.2	11
Benzo[k]fluoranthene	1.4	U	1.4	11
Benzyl alcohol	3.1	U	3.1	11
Bis(2-chloroethoxy)methane	2.1	U	2.1	11
Bis(2-chloroethyl)ether	2.7	U	2.7	11
Bis(2-ethylhexyl) phthalate	1.4	U	1.4	6.3
Bis-Chloroisopropyl Ether	2.2	U	2.2	11
Butyl benzyl phthalate	1.3	U	1.3	11
Chrysene	1.3	U	1.3	11
Diallate	1.5	U	1.5	11
Dibenz(a,h)anthracene	1.1	U	1.1	11
Dibenzofuran	1.7	U	1.7	11
Diethyl phthalate	1.7	U	1.7	11
Dimethyl phthalate	2.2	U	2.2	11
Di-n-butyl phthalate	1.9	U	1.9	11
Di-n-octyl phthalate	1.3	U	1.3	11
Diphenylamine	1.2	U	1.2	11
Ethyl methanesulfonate	1.4	U	1.4	11
Fluoranthene	1.3	U	1.3	11
Fluorene	1.8	U	1.8	11
Hexachlorobenzene	1.8	U	1.8	4.2
Hexachlorobutadiene	1.1	U	1.1	11
Hexachlorocyclopentadiene	1.3	U	1.3	11
Hexachloroethane	0.89	U	0.89	11
Hexachlorophene	4000	U	4000	5300
Indeno[1,2,3-cd]pyrene	1.3	U	1.3	11
Isophorone	1.5	U	1.5	11
Isosafrole	1.7	U	1.7	11
Methapyrilene	1.2	U	1.2	2100

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-934.1

Client Sample ID: LDSS

Lab Sample ID: 660-934-1

Date Sampled: 03/24/2005 1025

Client Matrix: Water

Date Received: 03/25/2005 0845

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Method:	8270C	Analysis Batch:	660-4787	Instrument ID:	5972MSD
Preparation:	3520C	Prep Batch:	660-3858	Lab File ID:	1BD12018.D
Dilution:	1.0			Initial Weight/Volume:	950 mL
Date Analyzed:	04/12/2005 2101			Final Weight/Volume:	1 mL
Date Prepared:	03/31/2005 1700			Injection Volume:	

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Methyl methanesulfonate	1.3	U	1.3	11
Naphthalene	1.4	U	1.4	11
Nitrobenzene	2.0	U	2.0	11
N-Nitro-o-toluidine	0.95	U	0.95	11
N-Nitrosodiethylamine	1.6	U	1.6	11
N-Nitrosodimethylamine	2.5	U	2.5	11
N-Nitrosodi-n-butylamine	1.6	U	1.6	11
N-Nitrosodi-n-propylamine	2.0	U	2.0	11
N-Nitrosodiphenylamine	1.7	U	1.7	11
n-Nitrosomethylethylamine	2.5	U	2.5	11
N-Nitrosopiperidine	0.92	U	0.92	11
N-Nitrosopyrrolidine	1.3	U	1.3	11
o,o',o"-Triethylphosphorothioate	1.9	U	1.9	11
o-Toluidine	1.3	U	1.3	11
p-Dimethylamino azobenzene	0.71	U	0.71	11
Pentachlorobenzene	1.0	U	1.0	11
Pentachloronitrobenzene	1.6	U	1.6	11
Pentachlorophenol	1.6	U	1.6	16
Phenacetin	0.88	U	0.88	11
Phenanthrene	1.4	U	1.4	11
Phenol	2.5	U	2.5	11
p-Phenylene diamine	3.3	U	3.3	2100
Pronamide	0.74	U	0.74	11
Pyrene	1.3	U	1.3	11
Safrole, Total	1.3	U	1.3	11

Surrogate	%Rec	Acceptance Limits
Nitrobenzene-d5	89	34 - 130
2-Fluorobiphenyl	79	36 - 124
Terphenyl-d14	40	14 - 148
Phenol-d5	76	25 - 128
2-Fluorophenol	73	29 - 121
2,4,6-Tribromophenol	100	29 - 143

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-934.1

Client Sample ID: **LCS**

Lab Sample ID: 660-934-2

Date Sampled: 03/24/2005 1050

Client Matrix: Water

Date Received: 03/25/2005 0845

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C

Analysis Batch: 660-4787

Instrument ID: 5972MSD

Preparation: 3520C

Prep Batch: 660-3858

Lab File ID: 1BD12019.D

Dilution: 1.0

Initial Weight/Volume: 900 mL

Date Analyzed: 04/12/2005 2129

Final Weight/Volume: 1 mL

Date Prepared: 03/31/2005 1700

Injection Volume:

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,2,4,5-Tetrachlorobenzene	1.2	U	1.2	11
1,2,4-Trichlorobenzene	1.3	U	1.3	11
1,2-Dichlorobenzene	1.2	U	1.2	11
1,3,5-Trinitrobenzene	0.68	U	0.68	11
1,3-Dichlorobenzene	1.2	U	1.2	11
1,3-Dinitrobenzene	1.1	U	1.1	11
1,4-Dichlorobenzene	1.3	U	1.3	11
1,4-Naphthoquinone	0.60	U	0.60	11
1-Naphthylamine	0.93	U	0.93	11
2,3,4,6-Tetrachlorophenol	0.72	U	0.72	11
2,4,5-Trichlorophenol	2.3	U	2.3	11
2,4,6-Trichlorophenol	2.1	U	2.1	11
2,4-Dichlorophenol	2.0	U	2.0	11
2,4-Dimethylphenol	2.0	U	2.0	11
2,4-Dinitrophenol	6.9	U	6.9	56
2,4-Dinitrotoluene	1.0	U	1.0	11
2,6-Dichlorophenol	1.8	U	1.8	11
2,6-Dinitrotoluene	0.80	U	0.80	11
2-Acetylaminofluorene	0.86	U	0.86	11
2-Chloronaphthalene	1.8	U	1.8	11
2-Chlorophenol	2.3	U	2.3	11
2-Methylnaphthalene	1.8	U	1.8	11
2-Methylphenol	7.5	I	2.6	11
2-Naphthylamine	1.1	U	1.1	11
2-Nitroaniline	1.6	U	1.6	56
2-Nitrophenol	1.3	U	1.3	11
3 & 4 Methylphenol	56	J	2.7	11
3,3'-Dichlorobenzidine	1.8	U	1.8	22
3,3'-Dimethylbenzidine	16	U	16	22
3-Methylcholanthrene	0.62	U	0.62	11
3-Nitroaniline	1.3	U	1.3	56
4,6-Dinitro-2-methylphenol	1.7	U	1.7	56
4-Aminobiphenyl	0.90	U	0.90	11
4-Bromophenyl phenyl ether	1.9	U	1.9	11
4-Chloro-3-methylphenol	1.9	U	1.9	11
4-Chloroaniline	2.3	U	2.3	22
4-Chlorophenyl phenyl ether	2.0	U	2.0	11
4-Nitroaniline	1.6	U	1.6	56

STL Tampa



STL

Analytical Data

Client: HDR, Inc.

Job Number: 660-934.1

Client Sample ID: LCS

Lab Sample ID: 660-934-2

Date Sampled: 03/24/2005 1050

Client Matrix: Water

Date Received: 03/25/2005 0845

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Method:	8270C	Analysis Batch:	660-4787	Instrument ID:	5972MSD
Preparation:	3520C	Prep Batch:	660-3858	Lab File ID:	1BD12019.D
Dilution:	1.0			Initial Weight/Volume:	900 mL
Date Analyzed:	04/12/2005 2129			Final Weight/Volume:	1 mL
Date Prepared:	03/31/2005 1700			Injection Volume:	

Analyte	Result (ug/L)	Qualifier	MDL	PQL
4-Nitrophenol	6.9	U	6.9	56
7,12-Dimethylbenz(a)anthracene	1.0	U	1.0	11
Acenaphthene	1.7	U	1.7	11
Acenaphthylene	2.0	U	2.0	11
Acetophenone	65		1.7	11
Anthracene	1.1	U	1.1	11
Benzo[a]anthracene	1.8	U	1.8	11
Benzo[a]pyrene	1.1	U	1.1	4.4
Benzo[b]fluoranthene	1.8	U	1.8	11
Benzo[g,h,i]perylene	1.2	U	1.2	11
Benzo[k]fluoranthene	1.4	U	1.4	11
Benzyl alcohol	3.2	U	3.2	11
Bis(2-chloroethoxy)methane	2.2	U	2.2	11
Bis(2-chloroethyl)ether	2.9	U	2.9	11
Bis(2-ethylhexyl) phthalate	1.4	U	1.4	6.7
Bis-Chloroisopropyl Ether	2.3	U	2.3	11
Butyl benzyl phthalate	1.3	U	1.3	11
Chrysene	1.3	U	1.3	11
Diallate	1.6	U	1.6	11
Dibenz(a,h)anthracene	1.1	U	1.1	11
Dibenzofuran	1.8	U	1.8	11
Diethyl phthalate	9.5	I	1.8	11
Dimethyl phthalate	2.3	U	2.3	11
Di-n-butyl phthalate	2.0	U	2.0	11
Di-n-octyl phthalate	1.3	U	1.3	11
Diphenylamine	1.2	U	1.2	11
Ethyl methanesulfonate	1.4	U	1.4	11
Fluoranthene	1.3	U	1.3	11
Fluorene	1.9	U	1.9	11
Hexachlorobenzene	1.9	U	1.9	4.4
Hexachlorobutadiene	1.1	U	1.1	11
Hexachlorocyclopentadiene	1.3	U	1.3	11
Hexachloroethane	0.94	U	0.94	11
Hexachlorophene	4200	U	4200	5600
Indeno[1,2,3-cd]pyrene	1.3	U	1.3	11
Isophorone	1.6	U	1.6	11
Isosafrole	1.8	U	1.8	11
Methapyrilene	1.2	U	1.2	2200

STL Tampa



STL

Analytical Data

Client: HDR, Inc.

Job Number: 660-934.1

Client Sample ID: LCS

Lab Sample ID: 660-934-2

Date Sampled: 03/24/2005 1050

Client Matrix: Water

Date Received: 03/25/2005 0845

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Method: 8270C

Analysis Batch: 660-4787

Instrument ID: 5972MSD

Preparation: 3520C

Prep Batch: 660-3858

Lab File ID: 1BD12019.D

Dilution: 1.0

Initial Weight/Volume: 900 mL

Date Analyzed: 04/12/2005 2129

Final Weight/Volume: 1 mL

Date Prepared: 03/31/2005 1700

Injection Volume:

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Methyl methanesulfonate	1.3	U	1.3	11
Naphthalene	8.7	I	1.4	11
Nitrobenzene	2.1	U	2.1	11
N-Nitro-o-toluidine	1.0	U	1.0	11
N-Nitrosodiethylamine	1.7	U	1.7	11
N-Nitrosodimethylamine	2.7	U	2.7	11
N-Nitrosodi-n-butylamine	1.7	U	1.7	11
N-Nitrosodi-n-propylamine	2.1	U	2.1	11
N-Nitrosodiphenylamine	1.8	U	1.8	11
n-Nitrosomethylethylamine	2.7	U	2.7	11
N-Nitrosopiperidine	0.97	U	0.97	11
N-Nitrosopyrrolidine	1.3	U	1.3	11
o,o',o''-Triethylphosphorothioate	2.0	U	2.0	11
o-Toluidine	18		1.3	11
p-Dimethylamino azobenzene	0.74	U	0.74	11
Pentachlorobenzene	1.1	U	1.1	11
Pentachloronitrobenzene	1.7	U	1.7	11
Pentachlorophenol	1.7	U	1.7	17
Phenacetin	0.93	U	0.93	11
Phenanthrene	1.4	U	1.4	11
Phenol	130		2.7	11
p-Phenylene diamine	3.4	U	3.4	2200
Pronamide	0.78	U	0.78	11
Pyrene	1.3	U	1.3	11
Safrole, Total	1.3	U	1.3	11

Surrogate	%Rec	Acceptance Limits
Nitrobenzene-d5	99	34 - 130
2-Fluorobiphenyl	72	36 - 124
Terphenyl-d14	54	14 - 148
Phenol-d5	97	25 - 128
2-Fluorophenol	81	29 - 121
2,4,6-Tribromophenol	113	29 - 143

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-934.1

Client Sample ID: **LDSS**

Lab Sample ID: 660-934-1

Date Sampled: 03/24/2005 1025

Client Matrix: Water

Date Received: 03/25/2005 0845

8011 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 8011

Analysis Batch: 660-3997

Instrument ID: HP 5890 Series II ECD1/2

Preparation: 8011

Prep Batch: 660-3993

Lab File ID: 1D01S022.D

Dilution: 1.0

Initial Weight/Volume: 34.0428 g

Date Analyzed: 04/01/2005 2008

Final Weight/Volume: 3 mL

Date Prepared: 04/01/2005 1331

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

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-934.1

Client Sample ID: **LCS**

Lab Sample ID: 660-934-2

Date Sampled: 03/24/2005 1050

Client Matrix: Water

Date Received: 03/25/2005 0845

8011 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 8011

Analysis Batch: 660-3997

Instrument ID: HP 5890 Series II ECD1/2

Preparation: 8011

Prep Batch: 660-3993

Lab File ID: 1D01S023.D

Dilution: 1.0

Initial Weight/Volume: 33.4066 g

Date Analyzed: 04/01/2005 2029

Final Weight/Volume: 3 mL

Date Prepared: 04/01/2005 1331

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

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-934.1

Client Sample ID: TRIP BLANK

Lab Sample ID: 660-934-3

Date Sampled: 03/24/2005 1025

Client Matrix: Water

Date Received: 03/25/2005 0845

8011 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography

Method: 8011

Analysis Batch: 660-3997

Instrument ID: HP 5890 Series II ECD1/2

Preparation: 8011

Prep Batch: 660-3993

Lab File ID: 1D01S024.D

Dilution: 1.0

Initial Weight/Volume: 33.1949 g

Date Analyzed: 04/01/2005 2050

Final Weight/Volume: 3 mL

Date Prepared: 04/01/2005 1331

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

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-934.1

Client Sample ID: LDSS

Lab Sample ID: 660-934-1

Date Sampled: 03/24/2005 1025

Client Matrix: Water

Date Received: 03/25/2005 0845

8081A Organochlorine Pesticides by Gas Chromatography

Method: 8081A

Analysis Batch: 660-4178

Instrument ID: AGILENT GC ECD/ECD

Preparation: 3510C

Prep Batch: 660-3696

Lab File ID: 1D03J043.D

Dilution: 1.0

Initial Weight/Volume: 970 mL

Date Analyzed: 04/04/2005 0759

Final Weight/Volume: 10 mL

Date Prepared: 03/30/2005 0900

Injection Volume:

Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
4,4'-DDD	0.0048	U	0.0048	0.10
4,4'-DDE	0.0032	U	0.0032	0.10
4,4'-DDT	0.0043	U	0.0043	0.10
Aldrin	0.00067	U	0.00067	0.052
alpha-BHC	0.00053	U	0.00053	0.052
beta-BHC	0.0065	U	0.0065	0.052
Chlordane (technical)	0.059	U	0.059	0.52
delta-BHC	0.0076	U	0.0076	0.052
Dieldrin	0.00089	U	0.00089	0.10
Endosulfan I	0.0065	U	0.0065	0.052
Endosulfan II	0.0080	U	0.0080	0.10
Endosulfan sulfate	0.0072	U	0.0072	0.10
Endrin	0.0036	U	0.0036	0.10
Endrin aldehyde	0.0052	U	0.0052	0.10
gamma-BHC (Lindane)	0.011	U	0.011	0.052
Heptachlor	0.011	U	0.011	0.052
Heptachlor epoxide	0.0062	U	0.0062	0.052
Methoxychlor	0.017	I	0.0085	0.52
Toxaphene	0.74	U	0.74	3.1
Surrogate	%Rec		Acceptance Limits	
DCB Decachlorobiphenyl	26	J	30 - 150	
Tetrachloro-m-xylene	37		30 - 150	



STL

Analytical Data

Client: HDR, Inc.

Job Number: 660-934.1

Client Sample ID: LDSS

Lab Sample ID: 660-934-1

Client Matrix: Water

Date Sampled: 03/24/2005 1025

Date Received: 03/25/2005 0845

8081A Organochlorine Pesticides by Gas Chromatography

Method: 8081A

Analysis Batch: 660-4178

Instrument ID: AGILENT GC ECD/ECD

Preparation: 3510C

Prep Batch: 660-3696

Lab File ID: 1D05J045.D

Dilution: 1.0

Initial Weight/Volume: 970 mL

Date Analyzed: 04/06/2005 1750

Final Weight/Volume: 10 mL

Date Prepared: 03/30/2005 0900

Injection Volume:

Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Chlorobenzilate	0.077	U	0.077	0.52
Isodrin	0.0063	U	0.0063	0.052
Kepone	0.086	U	0.086	1.0

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-934.1

Client Sample ID: LCS

Lab Sample ID: 660-934-2

Date Sampled: 03/24/2005 1050

Client Matrix: Water

Date Received: 03/25/2005 0845

8081A Organochlorine Pesticides by Gas Chromatography

Method: 8081A

Analysis Batch: 660-4178

Instrument ID: AGILENT GC ECD/ECD

Preparation: 3510C

Prep Batch: 660-3696

Lab File ID: 1D04J015.D

Dilution: 1.0

Initial Weight/Volume: 970 mL

Date Analyzed: 04/05/2005 0120

Final Weight/Volume: 10 mL

Date Prepared: 03/30/2005 0900

Injection Volume:

Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
4,4'-DDD	0.0048	U	0.0048	0.10
4,4'-DDE	0.012	I	0.0032	0.10
4,4'-DDT	0.0043	U	0.0043	0.10
Aldrin	0.00067	U	0.00067	0.052
alpha-BHC	0.00053	U	0.00053	0.052
beta-BHC	0.0065	U	0.0065	0.052
Chlordane (technical)	0.059	U	0.059	0.52
delta-BHC	0.0076	U	0.0076	0.052
Dieldrin	0.00089	U	0.00089	0.10
Endosulfan I	0.0065	U	0.0065	0.052
Endosulfan II	0.0080	U	0.0080	0.10
Endosulfan sulfate	0.0072	U	0.0072	0.10
Endrin	0.0036	U	0.0036	0.10
Endrin aldehyde	0.0052	U	0.0052	0.10
gamma-BHC (Lindane)	0.011	U	0.011	0.052
Heptachlor	0.011	U	0.011	0.052
Heptachlor epoxide	0.0062	U	0.0062	0.052
Methoxychlor	0.016	I	0.0085	0.52
Toxaphene	0.74	U	0.74	3.1
Surrogate	%Rec		Acceptance Limits	
DCB Decachlorobiphenyl	11	J	30 - 150	
Tetrachloro-m-xylene	30		30 - 150	



STL

Analytical Data

Client: HDR, Inc.

Job Number: 660-934.1

Client Sample ID: LCS

Lab Sample ID: 660-934-2

Client Matrix: Water

Date Sampled: 03/24/2005 1050

Date Received: 03/25/2005 0845

8081A Organochlorine Pesticides by Gas Chromatography

Method: 8081A

Analysis Batch: 660-4178

Instrument ID: AGILENT GC ECD/ECD

Preparation: 3510C

Prep Batch: 660-3696

Lab File ID: 1D05J046.D

Dilution: 1.0

Initial Weight/Volume: 970 mL

Date Analyzed: 04/06/2005 1810

Final Weight/Volume: 10 mL

Date Prepared: 03/30/2005 0900

Injection Volume:

Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Chlorobenzilate	0.077	U	0.077	0.52
Isodrin	0.0063	U	0.0063	0.052
Kepone	0.086	U	0.086	1.0

Analytical Data

Client: HDR, Inc.

Job Number: 660-934.1

Client Sample ID: **LDSS**

Lab Sample ID: 660-934-1

Date Sampled: 03/24/2005 1025

Client Matrix: Water

Date Received: 03/25/2005 0845

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch:	660-4419	Instrument ID:	Agilent 6890 ECD/ECD
Preparation:	3510C	Prep Batch:	660-4228	Lab File ID:	1D08K019.D
Dilution:	1.0			Initial Weight/Volume:	960 mL
Date Analyzed:	04/08/2005 1315			Final Weight/Volume:	10 mL
Date Prepared:	04/07/2005 1300			Injection Volume:	
				Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
PCB-1016	0.27	U	0.27	0.52
PCB-1221	0.16	U	0.16	0.52
PCB-1232	0.40	U	0.40	0.52
PCB-1242	0.080	U	0.080	0.52
PCB-1248	0.073	U	0.073	0.52
PCB-1254	0.13	U	0.13	0.52
PCB-1260	0.10	U	0.10	0.52

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	30	30 - 150
Tetrachloro-m-xylene	40	30 - 150

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-934.1

Client Sample ID: LDSS

Lab Sample ID: 660-934-1

Date Sampled: 03/24/2005 1025

Client Matrix: Water

Date Received: 03/25/2005 0845

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method: 8082

Analysis Batch: 660-4512

Instrument ID: Agilent 6890 ECD/ECD

Preparation: 3510C

Prep Batch: 660-4481

Lab File ID: 1D08K029.D

Dilution: 1.0

Initial Weight/Volume: 970 mL

Date Analyzed: 04/08/2005 1605

Final Weight/Volume: 10 mL

Date Prepared: 03/30/2005 0906

Injection Volume:

Column ID: SECONDARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
PCB-1016	0.27	U	0.27	0.52
PCB-1221	0.15	U	0.15	0.52
PCB-1232	0.39	U	0.39	0.52
PCB-1242	0.079	U	0.079	0.52
PCB-1248	0.072	U	0.072	0.52
PCB-1254	0.12	U	0.12	0.52
PCB-1260	0.10	U	0.10	0.52

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	35	30 - 150
Tetrachloro-m-xylene	54	30 - 150



STL

Analytical Data

Client: HDR, Inc.

Job Number: 660-934.1

Client Sample ID: LCS

Lab Sample ID: 660-934-2

Date Sampled: 03/24/2005 1050

Client Matrix: Water

Date Received: 03/25/2005 0845

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method: 8082

Analysis Batch: 660-4512

Instrument ID: Agilent 6890 ECD/ECD

Preparation: 3510C

Prep Batch: 660-4481

Lab File ID: 1D11K005.D

Dilution: 1.0

Initial Weight/Volume: 970 mL

Date Analyzed: 04/11/2005 1000

Final Weight/Volume: 10 mL

Date Prepared: 03/30/2005 0906

Injection Volume:

Column ID: SECONDARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
PCB-1016	0.27	U	0.27	0.52
PCB-1221	0.15	U	0.15	0.52
PCB-1232	0.39	U	0.39	0.52
PCB-1242	0.079	U	0.079	0.52
PCB-1248	0.072	U	0.072	0.52
PCB-1254	0.12	U	0.12	0.52
PCB-1260	0.10	U	0.10	0.52
Surrogate	%Rec		Acceptance Limits	
DCB Decachlorobiphenyl	22	J	30 - 150	
Tetrachloro-m-xylene	37		30 - 150	

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-934.1

Client Sample ID: **LCS**

Lab Sample ID: 660-934-2

Date Sampled: 03/24/2005 1050

Client Matrix: Water

Date Received: 03/25/2005 0845

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method: 8082
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 04/11/2005 1014
Date Prepared: 04/07/2005 1300

Analysis Batch: 660-4419
Prep Batch: 660-4228

Instrument ID: Agilent 6890 ECD/ECD
Lab File ID: 1D11K006.D
Initial Weight/Volume: 960 mL
Final Weight/Volume: 10 mL
Injection Volume:

Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
PCB-1016	0.27	U	0.27	0.52
PCB-1221	0.16	U	0.16	0.52
PCB-1232	0.40	U	0.40	0.52
PCB-1242	0.080	U	0.080	0.52
PCB-1248	0.073	U	0.073	0.52
PCB-1254	0.13	U	0.13	0.52
PCB-1260	0.10	U	0.10	0.52

Surrogate	%Rec		Acceptance Limits
DCB Decachlorobiphenyl	13	J	30 - 150
Tetrachloro-m-xylene	33		30 - 150

Analytical Data

Client: HDR, Inc.

Job Number: 660-934.1

Client Sample ID: **LDSS**

Lab Sample ID: 660-934-1

Date Sampled: 03/24/2005 1025

Client Matrix: Water

Date Received: 03/25/2005 0845

8141A Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique

Method:	8141A	Analysis Batch:	660-4462	Instrument ID:	HP 6890 NPD/NPD
Preparation:	3520C	Prep Batch:	660-3864	Lab File ID:	1D04R025.D
Dilution:	1.0			Initial Weight/Volume:	970 mL
Date Analyzed:	04/05/2005 0435			Final Weight/Volume:	2 mL
Date Prepared:	03/31/2005 1700			Injection Volume:	
				Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Famphur	0.18	U	0.18	2.1
Disulfoton	0.19	U	0.19	2.1
Methyl parathion	0.11	U	0.11	0.52
Parathion	0.088	U	0.088	1.0
Thionazin	0.082	U	0.082	1.0
Phorate	0.089	U	0.089	1.0
Dimethoate	0.12	U	0.12	2.1

Surrogate	%Rec	Acceptance Limits
Triphenylphosphate	75	16 - 164

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-934.1

Client Sample ID: **LCS**

Lab Sample ID: 660-934-2

Date Sampled: 03/24/2005 1050

Client Matrix: Water

Date Received: 03/25/2005 0845

8141A Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique

Method: 8141A

Analysis Batch: 660-4462

Instrument ID: HP 6890 NPD/NPD

Preparation: 3520C

Prep Batch: 660-3864

Lab File ID: 1D04R026.D

Dilution: 1.0

Initial Weight/Volume: 980 mL

Date Analyzed: 04/05/2005 0502

Final Weight/Volume: 2 mL

Date Prepared: 03/31/2005 1700

Injection Volume:

Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Famphur	0.17	U	0.17	2.0
Disulfoton	0.18	U	0.18	2.0
Methyl parathion	0.11	U	0.11	0.51
Parathion	0.087	U	0.087	1.0
Thionazin	0.082	U	0.082	1.0
Phorate	0.088	U	0.088	1.0
Dimethoate	0.12	U	0.12	2.0

Surrogate	%Rec	Acceptance Limits
Triphenylphosphate	57	16 - 164

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-934.1

Client Sample ID: **LDSS**

Lab Sample ID: 660-934-1

Date Sampled: 03/24/2005 1025

Client Matrix: Water

Date Received: 03/25/2005 0845

8151A Chlorinated Herbicides by GC Using Methylation or Pentafluorobenzylation Derivat

Method:	8151A	Analysis Batch:	660-4464	Instrument ID:	HP 5890 Series II ECD1/2
Preparation:	8151A	Prep Batch:	660-3840	Lab File ID:	1D07S020.D
Dilution:	20			Initial Weight/Volume:	950 mL
Date Analyzed:	04/07/2005 0529			Final Weight/Volume:	10 mL
Date Prepared:	03/31/2005 1400			Injection Volume:	
				Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
2,4,5-T	0.97	U	0.97	11
2,4-D	7.6	U	7.6	11
Dinoseb	8.8	U	8.8	130
Silvex (2,4,5-TP)	0.76	U	0.76	11

Surrogate	%Rec		Acceptance Limits
2,4-Dichlorophenylacetic acid	0	J	33 - 120

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-934.1

Client Sample ID: LCS

Lab Sample ID: 660-934-2

Date Sampled: 03/24/2005 1050

Client Matrix: Water

Date Received: 03/25/2005 0845

8151A Chlorinated Herbicides by GC Using Methylation or Pentafluorobenzylation Derivat

Method:	8151A	Analysis Batch:	660-4464	Instrument ID:	HP 5890 Series II ECD1/2
Preparation:	8151A	Prep Batch:	660-3840	Lab File ID:	1D07S022.D
Dilution:	20			Initial Weight/Volume:	1000 mL
Date Analyzed:	04/07/2005 0607			Final Weight/Volume:	10 mL
Date Prepared:	03/31/2005 1400			Injection Volume:	

Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
2,4,5-T	0.92	U	0.92	10
2,4-D	7.2	U	7.2	10
Dinoseb	8.4	U	8.4	120
Silvex (2,4,5-TP)	0.72	U	0.72	10

Surrogate	%Rec		Acceptance Limits
2,4-Dichlorophenylacetic acid	0	J	33 - 120

Analytical Data

Client: HDR, Inc.

Job Number: 660-934.1

Client Sample ID: LDSS

Lab Sample ID: 660-934-1

Date Sampled: 03/24/2005 1025

Client Matrix: Water

Date Received: 03/25/2005 0845

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Total Recoverable

Method:	6010B	Analysis Batch:	660-4056	Instrument ID:	TJA ICP TRACE
Preparation:	3005A	Prep Batch:	660-3868	Lab File ID:	5D05A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	04/05/2005 1032			Final Weight/Volume:	50 mL
Date Prepared:	03/31/2005 1555				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.038		0.0038	0.010
Barium	0.99		0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00071	U	0.00071	0.0050
Cobalt	0.018		0.0014	0.010
Chromium	0.033		0.0017	0.010
Copper	0.13		0.0013	0.020
Nickel	0.057		0.0047	0.040
Lead	0.055		0.0015	0.0050
Selenium	0.0048	U	0.0048	0.010
Iron	190		0.037	0.050
Tin	0.0064	U	0.0064	0.050
Thallium	0.0066	U	0.0066	0.010
Vanadium	0.016		0.0025	0.010
Zinc	0.099		0.0059	0.020
Sodium	370		0.15	0.50
Antimony	0.0029	U	0.0029	0.0060

7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)

Method:	7470A	Analysis Batch:	660-5084	Instrument ID:	HydraAA Mercury
Preparation:	7470A	Prep Batch:	660-5038	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	04/19/2005 1959			Final Weight/Volume:	50 mL
Date Prepared:	04/19/2005 1541				

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.00041		0.000072	0.00020

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-934.1

Client Sample ID: LCS

Lab Sample ID: 660-934-2

Date Sampled: 03/24/2005 1050

Client Matrix: Water

Date Received: 03/25/2005 0845

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Total Recoverable

Method: 6010B Analysis Batch: 660-4056
Preparation: 3005A Prep Batch: 660-3868
Dilution: 1.0
Date Analyzed: 04/05/2005 1050
Date Prepared: 03/31/2005 1555

Instrument ID: TJA ICP TRACE
Lab File ID: 5D05A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.040		0.0038	0.010
Barium	0.25		0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00071	U	0.00071	0.0050
Cobalt	0.021		0.0014	0.010
Chromium	0.052		0.0017	0.010
Copper	0.0074	I	0.0013	0.020
Nickel	0.11		0.0047	0.040
Lead	0.0036	I	0.0015	0.0050
Selenium	0.0058	I	0.0048	0.010
Iron	13		0.037	0.050
Tin	0.0064	U	0.0064	0.050
Thallium	0.0066	U	0.0066	0.010
Vanadium	0.027		0.0025	0.010
Zinc	0.015	I	0.0059	0.020
Sodium	880		3.0	10
Antimony	0.013		0.0029	0.0060

7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)

Method: 7470A Analysis Batch: 660-5084
Preparation: 7470A Prep Batch: 660-5038
Dilution: 1.0
Date Analyzed: 04/19/2005 2001
Date Prepared: 04/19/2005 1541

Instrument ID: HydraAA Mercury
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-934.1

Field Service / Mobile Lab

Client Sample ID: LDSS

Lab Sample ID: 660-934-1
Client Matrix: WaterDate Sampled: 03/24/2005 1025
Date Received: 03/25/2005 0845

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Specific Conductance	2910		umhos/cm	1.0	120.1	660-4234	03/24/2005 1025
pH	7.22		SU	1.0	150.1	660-4241	03/24/2005 1025
Temperature	22.6		Degrees C	1.0	170.1	660-4247	03/24/2005 1025
Turbidity	85.4		NTU	1.0	180.1	660-4249	03/24/2005 0749
Oxygen, Dissolved	0.4		mg/L	1.0	360.1	660-4252	03/24/2005 1025

Client Sample ID: LCS

Lab Sample ID: 660-934-2
Client Matrix: WaterDate Sampled: 03/24/2005 1050
Date Received: 03/25/2005 0845

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Specific Conductance	7300		umhos/cm	1.0	120.1	660-4234	03/24/2005 1050
pH	7.26		SU	1.0	150.1	660-4241	03/24/2005 1050
Temperature	20.9		Degrees C	1.0	170.1	660-4247	03/24/2005 1050
Turbidity	12.4		NTU	1.0	180.1	660-4249	03/24/2005 0749
Oxygen, Dissolved	0.1		mg/L	1.0	360.1	660-4252	03/24/2005 1050

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-934.1

General Chemistry

Client Sample ID: LDSS

Lab Sample ID: 660-934-1

Date Sampled: 03/24/2005 1025

Client Matrix: Water

Date Received: 03/25/2005 0845

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method	Anly Batch	Date Analyzed
Nitrogen, Nitrate	0.10		mg/L	0.010	0.050	1.0	353.2	660-3800	03/26/2005 0818
								Date Prepared: 03/26/2005 0818	
Chloride	330		mg/L	0.90	1.0	1.0	325.2	660-3874	03/30/2005 1930
Ammonia	67		mg/L	0.040	0.050	1.0	350.1	660-4078	04/01/2005 2130
Cyanide, Total	0.0050	U	mg/L	0.0050	0.010	1.0	335.2	660-5241	04/09/2005 0700
							Prep Batch: 660-5239	Date Prepared: 04/09/2005 0700	
Analyte	Result	Qual	Units	RL	PQL	Dil	Method	Anly Batch	Date Analyzed
Total Dissolved Solids	1100		mg/L	5.0	5.0	1.0	160.1	660-4094	03/29/2005 1500
Bicarbonate Alkalinity as CaCO ₃	710		mg/L	1.0	1.0	1.0	2320B	660-4327	04/06/2005 0900
Alkalinity	710		mg/L	1.0	1.0	1.0	2320B	660-4327	04/06/2005 0900
Sulfide	5.6		mg/L	1.0	1.0	1.0	376.1	660-3799	03/29/2005 1500

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-934.1

General Chemistry

Client Sample ID: LCS

Lab Sample ID: 660-934-2

Date Sampled: 03/24/2005 1050

Client Matrix: Water

Date Received: 03/25/2005 0845

Analyte	Result	Qual	Units	MDL	PQL	Dil	Method	Anly Batch	Date Analyzed
Nitrogen, Nitrate	0.010	U	mg/L	0.010	0.050	1.0	353.2	660-3800	03/26/2005 0818
								Date Prepared:	03/26/2005 0818
Chloride	1300		mg/L	0.90	1.0	1.0	325.2	660-3874	03/30/2005 1930
Ammonia	590		mg/L	0.040	0.050	1.0	350.1	660-4078	04/01/2005 2130
Cyanide, Total	0.0050	U	mg/L	0.0050	0.010	1.0	335.2	660-5241	04/09/2005 0700
							Prep Batch: 660-5239	Date Prepared:	04/09/2005 0700

Analyte	Result	Qual	Units	RL	PQL	Dil	Method	Anly Batch	Date Analyzed
Total Dissolved Solids	3100		mg/L	5.0	5.0	1.0	160.1	660-4094	03/29/2005 1500
Bicarbonate Alkalinity as CaCO3	3500		mg/L	1.0	1.0	1.0	2320B	660-4327	04/06/2005 0900
Alkalinity	3500		mg/L	1.0	1.0	1.0	2320B	660-4327	04/06/2005 0900
Sulfide	4.8		mg/L	1.0	1.0	1.0	376.1	660-3799	03/29/2005 1500

DATA REPORTING QUALIFIERS

Job Number: 660-934.1

Client: HDR, Inc.

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/MS Semi VOA	J	Surrogates were diluted out
	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
	J	Surrogates were diluted out
GC 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
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

STL Tampa

Quality Control Results

Client: HDR, Inc.

Job Number: 660-934.1

8260B Volatile Organic Compounds by GC/MS

Method Blank - Batch: 660-3992

Lab ID: MB 660-3992/3
Matrix: Water

Date Analyzed: 04/01/2005 1511
Units: ug/L

Dilution: 1.0

Analyte	Result	Qualifier	MDL	PQL
Acetonitrile	75	U	75	200
Acetone	9.9	U	9.9	10
Acrolein	3.8	U	3.8	100
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
Chlorobromomethane	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
Allyl chloride	1.1	U	1.1	1.0
Chloroprene	0.89	U	0.89	5.0
Dibromochloromethane	0.34	U	0.34	1.0
Dibromomethane	0.41	U	0.41	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
Dichlorodifluoromethane	0.40	U	0.40	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
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	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	0.83	U	0.83	1.0
Ethyl methacrylate	0.53	U	0.53	5.0
2-Hexanone	4.4	U	4.4	10
Iodomethane	0.67	U	0.67	1.0
Isobutanol	31	U	31	200
methyl isobutyl ketone	3.8	U	3.8	10
Methylene Chloride	1.0	U	1.0	5.0
Methyl methacrylate	0.66	U	0.66	5.0
Propionitrile	7.2	U	7.2	100
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

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: HDR, Inc.

Job Number: 660-934.1

8260B Volatile Organic Compounds by GC/MS

Method Blank - Batch: 660-3992

Lab ID: MB 660-3992/3
Matrix: Water

Date Analyzed: 04/01/2005 1511
Units: ug/L

Dilution: 1.0

Analyte	Result	Qualifier	MDL	PQL
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
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0

Laboratory Control Sample/ Control Duplicate - Batch: 660-3992

LCS Lab ID: LCS 660-3992/1
LCSD Lab ID: LCSD 660-3992/2
Matrix: Water

Date Analyzed: 04/01/2005 1358
Date Analyzed: 04/01/2005 1422

Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Benzene	92	92	62 - 135	0	37	
Chlorobenzene	104	113	72 - 127	9	22	
1,1-Dichloroethene	100	106	46 - 147	5	30	
Toluene	103	110	68 - 131	6	33	
Trichloroethene	94	100	56 - 143	6	35	

Matrix Spike/Spike Duplicate - Batch: 660-3992

MS Lab ID: 660-838-A-5 MS
MSD Lab ID: 660-838-A-5 MSD
Matrix: Water

Date Analyzed: 04/01/2005 2144
Date Analyzed: 04/01/2005 2208

Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	MS	MSD				
1,1-Dichloroethene	100	90	46 - 147	11	30	
Benzene	105	90	62 - 135	15	37	
Chlorobenzene	100	91	72 - 127	9	22	
Toluene	100	103	68 - 131	3	33	
Trichloroethene	106	88	56 - 143	17	35	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: HDR, Inc.

Job Number: 660-934.1

8260B Volatile Organic Compounds by GC/MS

Method Blank - Batch: 660-4040

Lab ID: MB 660-4040/1

Date Analyzed: 04/04/2005 1058

Dilution: 1.0

Matrix: Water

Units: ug/L

Analyte	Result	Qualifier	MDL	PQL
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2,2-Tetrachloroethane	0.14	U	0.14	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
1,2,3-Trichloropropane	0.15	U	0.15	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
2-Hexanone	4.4	U	4.4	10
Acetone	9.9	U	9.9	10
Acetonitrile	75	U	75	200
Acrolein	3.8	U	3.8	100
Acrylonitrile	1.2	U	1.2	100
Allyl chloride	1.1	U	1.1	1.0
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
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
Chlorobromomethane	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
Chloroprene	0.89	U	0.89	5.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
Dibromochloromethane	0.34	U	0.34	1.0
Dibromomethane	0.41	U	0.41	1.0
Dichlorodifluoromethane	0.40	U	0.40	1.0
Ethyl methacrylate	0.53	U	0.53	5.0
Ethylbenzene	0.83	U	0.83	1.0
Iodomethane	0.67	U	0.67	1.0
Isobutanol	31	U	31	200
Methyl Ethyl Ketone	8.4	U	8.4	10
methyl isobutyl ketone	3.8	U	3.8	10
Methyl methacrylate	0.66	U	0.66	5.0
Methylene Chloride	1.0	U	1.0	5.0
Propionitrile	7.2	U	7.2	100
Styrene	0.98	U	0.98	1.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

**STL****Quality Control Results**

Client: HDR, Inc.

Job Number: 660-934.1

8260B Volatile Organic Compounds by GC/MS**Method Blank - Batch: 660-4040**

Lab ID: MB 660-4040/1

Date Analyzed: 04/04/2005 1058

Dilution: 1.0

Matrix: Water

Units: ug/L

Analyte	Result	Qualifier	MDL	PQL
Tetrachloroethene	0.34	U	0.34	1.0
Toluene	0.51	U	0.51	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,4-Dichloro-2-butene	2.5	U	2.5	10
Trichloroethene	0.28	U	0.28	1.0
Trichlorofluoromethane	0.98	U	0.98	1.0
Vinyl acetate	1.5	U	1.5	10
Vinyl chloride	0.50	U	0.50	1.0
Xylenes, Total	0.98	U	0.98	1.0

Laboratory Control Sample/ Control Duplicate - Batch: 660-4040

LCS Lab ID: LCS 660-4040/2

Date Analyzed: 04/04/2005 1123

Dilution: 1.0

LCSD Lab ID: LCSD 660-4040/3

Date Analyzed: 04/04/2005 1148

Dilution: 1.0

Matrix: Water

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
1,1-Dichloroethene	101	97	46 - 147	4	30	
Benzene	93	101	62 - 135	8	37	
Chlorobenzene	104	91	72 - 127	13	22	
Toluene	110	97	68 - 131	13	33	
Trichloroethene	96	104	56 - 143	8	35	

Calculations are performed before rounding to avoid round-off errors in calculated results.



STL

Quality Control Results

Client: HDR, Inc.

Job Number: 660-934.1

8260B Volatile Organic Compounds by GC/MS

Matrix Spike/Spike Duplicate - Batch: 660-4040

MS Lab ID: 660-946-C-2 MS
MSD Lab ID: 660-946-C-2 MSD
Matrix: Water

Date Analyzed: 04/04/2005 2029
Date Analyzed: 04/04/2005 2053

Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	MS	MSD				
1,1-Dichloroethene	75	97	46 - 147	26	30	
Benzene	73	96	62 - 135	27	37	
Chlorobenzene	86	106	72 - 127	21	22	
Toluene	85	107	68 - 131	23	33	
Trichloroethene	73	95	56 - 143	26	35	

Calculations are performed before rounding to avoid round-off errors in calculated results.

STL Tampa

Quality Control Results

Client: HDR, Inc.

Job Number: 660-934.1

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**Method Blank - Batch: 660-3858**

Lab ID: MB 660-3858/1-A

Date Analyzed: 04/12/2005 1936

Dilution: 1.0

Matrix: Water

Units: ug/L

Analyte	Result	Qualifier	MDL	PQL
1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	10
1,2,4-Trichlorobenzene	1.2	U	1.2	10
1,2-Dichlorobenzene	1.1	U	1.1	10
1,3,5-Trinitrobenzene	0.61	U	0.61	10
1,3-Dichlorobenzene	1.1	U	1.1	10
1,3-Dinitrobenzene	0.99	U	0.99	10
1,4-Dichlorobenzene	1.2	U	1.2	10
1,4-Naphthoquinone	0.54	U	0.54	10
1-Naphthylamine	0.84	U	0.84	10
2,3,4,6-Tetrachlorophenol	0.65	U	0.65	10
2,4,5-Trichlorophenol	2.1	U	2.1	10
2,4,6-Trichlorophenol	1.9	U	1.9	10
2,4-Dichlorophenol	1.8	U	1.8	10
2,4-Dimethylphenol	1.8	U	1.8	10
2,4-Dinitrophenol	6.2	U	6.2	50
2,4-Dinitrotoluene	0.91	U	0.91	10
2,6-Dichlorophenol	1.6	U	1.6	10
2,6-Dinitrotoluene	0.72	U	0.72	10
2-Acetylaminofluorene	0.77	U	0.77	10
2-Chloronaphthalene	1.6	U	1.6	10
2-Chlorophenol	2.1	U	2.1	10
2-Methylnaphthalene	1.6	U	1.6	10
2-Methylphenol	2.3	U	2.3	10
2-Naphthylamine	1.0	U	1.0	10
2-Nitroaniline	1.4	U	1.4	50
2-Nitrophenol	1.2	U	1.2	10
3 & 4 Methylphenol	2.4	U	2.4	10
3,3'-Dichlorobenzidine	1.6	U	1.6	20
3,3'-Dimethylbenzidine	14	U	14	20
3-Methylcholanthrene	0.56	U	0.56	10
3-Nitroaniline	1.2	U	1.2	50
4,6-Dinitro-2-methylphenol	1.5	U	1.5	50
4-Aminobiphenyl	0.81	U	0.81	10
4-Bromophenyl phenyl ether	1.7	U	1.7	10
4-Chloro-3-methylphenol	1.7	U	1.7	10
4-Chloroaniline	2.1	U	2.1	20
4-Chlorophenyl phenyl ether	1.8	U	1.8	10
4-Nitroaniline	1.4	U	1.4	50
4-Nitrophenol	6.2	U	6.2	50
7,12-Dimethylbenz(a)anthracene	0.92	U	0.92	10
Acenaphthene	1.5	U	1.5	10
Acenaphthylene	1.8	U	1.8	10
Acetophenone	1.5	U	1.5	10
Anthracene	1.0	U	1.0	10
Benzo[a]anthracene	1.6	U	1.6	10

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: HDR, Inc.

Job Number: 660-934.1

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**Method Blank - Batch: 660-3858**

Lab ID: MB 660-3858/1-A

Date Analyzed: 04/12/2005 1936

Dilution: 1.0

Matrix: Water

Units: ug/L

Analyte	Result	Qualifier	MDL	PQL
Benzo[a]pyrene	0.99	U	0.99	4.0
Benzo[b]fluoranthene	1.6	U	1.6	10
Benzo[g,h,i]perylene	1.1	U	1.1	10
Benzo[k]fluoranthene	1.3	U	1.3	10
Benzyl alcohol	2.9	U	2.9	10
Bis(2-chloroethoxy)methane	2.0	U	2.0	10
Bis(2-chloroethyl)ether	2.6	U	2.6	10
Bis(2-ethylhexyl) phthalate	1.3	U	1.3	6.0
Bis-Chloroisopropyl Ether	2.1	U	2.1	10
Butyl benzyl phthalate	1.2	U	1.2	10
Chrysene	1.2	U	1.2	10
Diallyl	1.4	U	1.4	10
Dibenz(a,h)anthracene	1.0	U	1.0	10
Dibenzofuran	1.6	U	1.6	10
Diethyl phthalate	1.6	U	1.6	10
Dimethyl phthalate	2.1	U	2.1	10
Di-n-butyl phthalate	1.8	U	1.8	10
Di-n-octyl phthalate	1.2	U	1.2	10
Diphenylamine	1.1	U	1.1	10
Ethyl methanesulfonate	1.3	U	1.3	10
Fluoranthene	1.2	U	1.2	10
Fluorene	1.7	U	1.7	10
Hexachlorobenzene	1.7	U	1.7	4.0
Hexachlorobutadiene	1.0	U	1.0	10
Hexachlorocyclopentadiene	1.2	U	1.2	10
Hexachloroethane	0.85	U	0.85	10
Hexachlorophene	3800	U	3800	5000
Indeno[1,2,3-cd]pyrene	1.2	U	1.2	10
Isophorone	1.4	U	1.4	10
Isosafrole	1.6	U	1.6	10
Methapyrilene	1.1	U	1.1	2000
Methyl methanesulfonate	1.2	U	1.2	10
Naphthalene	1.3	U	1.3	10
Nitrobenzene	1.9	U	1.9	10
N-Nitro-o-toluidine	0.90	U	0.90	10
N-Nitrosodiethylamine	1.5	U	1.5	10
N-Nitrosodimethylamine	2.4	U	2.4	10
N-Nitrosodi-n-butylamine	1.5	U	1.5	10
N-Nitrosodi-n-propylamine	1.9	U	1.9	10
N-Nitrosodiphenylamine	1.6	U	1.6	10
n-Nitrosomethylethylamine	2.4	U	2.4	10
N-Nitrosopiperidine	0.87	U	0.87	10
N-Nitrosopyrrolidine	1.2	U	1.2	10
o,o',o"-Triethylphosphorothioate	1.8	U	1.8	10
o-Toluidine	1.2	U	1.2	10

Calculations are performed before rounding to avoid round-off errors in calculated results.



STL

Quality Control Results

Client: HDR, Inc.

Job Number: 660-934.1

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**Method Blank - Batch: 660-3858**Lab ID: MB 660-3858/1-A
Matrix: WaterDate Analyzed: 04/12/2005 1936
Units: ug/L

Dilution: 1.0

Analyte	Result	Qualifier	MDL	PQL
p-Dimethylamino azobenzene	0.67	U	0.67	10
Pentachlorobenzene	0.99	U	0.99	10
Pentachloronitrobenzene	1.5	U	1.5	10
Pentachlorophenol	1.5	U	1.5	15
Phenacetin	0.84	U	0.84	10
Phenanthrene	1.3	U	1.3	10
Phenol	2.4	U	2.4	10
p-Phenylene diamine	3.1	U	3.1	2000
Pronamide	0.70	U	0.70	10
Pyrene	1.2	U	1.2	10
Safrole, Total	1.2	U	1.2	10

Laboratory Control Sample/ Control Duplicate - Batch: 660-3858LCS Lab ID: LCS 660-3858/4-A
LCSD Lab ID: LCSD 660-3858/5-A
Matrix: WaterDate Analyzed: 04/12/2005 2004
Date Analyzed: 04/12/2005 2033Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
1,2,4-Trichlorobenzene	95	107	28 - 110	13	28	
1,4-Dichlorobenzene	82	99	27 - 130	19	31	
2,4-Dinitrotoluene	111	124	37 - 129	11	32	
2-Chlorophenol	88	102	38 - 115	15	34	
4-Chloro-3-methylphenol	98	110	34 - 126	12	31	
4-Nitrophenol	91	122	12 - 143	29	44	
Acenaphthene	97	111	36 - 121	13	35	
N-Nitrosodi-n-propylamine	95	105	31 - 138	10	30	
Pentachlorophenol	84	100	19 - 148	17	33	
Phenol	88	99	33 - 122	11	36	
Pyrene	125	143	31 - 139	14	42	J

Calculations are performed before rounding to avoid round-off errors in calculated results.

STL Tampa

**STL****Quality Control Results**

Client: HDR, Inc.

Job Number: 660-934.1

8011 EDB, DBCP, and 123TCP in Water by Microextraction and Gas Chromatography**Method Blank - Batch: 660-3993**Lab ID: MB 660-3993/1-A
Matrix: WaterDate Analyzed: 04/01/2005 1659
Units: ug/L

Dilution: 1.0

Analyte	Result	Qualifier	MDL	PQL
1,2-Dibromo-3-Chloropropane	0.0030	U	0.0030	0.020
Ethylene Dibromide	0.0087	U	0.0087	0.020

Laboratory Control Sample/ Control Duplicate - Batch: 660-3993LCS Lab ID: LCS 660-3993/2-A
LCSD Lab ID: LCSD 660-3993/3-A
Matrix: WaterDate Analyzed: 04/01/2005 1720
Date Analyzed: 04/01/2005 1741Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
1,2-Dibromo-3-Chloropropane	109	106	60 - 140	1	40	
Ethylene Dibromide	108	101	60 - 140	3	40	

Calculations are performed before rounding to avoid round-off errors in calculated results.



STL

Quality Control Results

Client: HDR, Inc.

Job Number: 660-934.1

8081A Organochlorine Pesticides by Gas Chromatography

Method Blank - Batch: 660-3696

Lab ID: MB 660-3696/1-A
Matrix: WaterDate Analyzed: 03/30/2005 2336
Units: ug/L

Dilution: 1.0

Analyte	Result	Qualifier	MDL	PQL
4,4'-DDD	0.0047	U	0.0047	0.10
4,4'-DDE	0.0031	U	0.0031	0.10
4,4'-DDT	0.0042	U	0.0042	0.10
Aldrin	0.00065	U	0.00065	0.050
alpha-BHC	0.00051	U	0.00051	0.050
beta-BHC	0.0063	U	0.0063	0.050
delta-BHC	0.0074	U	0.0074	0.050
Dieldrin	0.00086	U	0.00086	0.10
Endosulfan I	0.0063	U	0.0063	0.050
Endosulfan II	0.0078	U	0.0078	0.10
Endrin	0.0035	U	0.0035	0.10
Endrin aldehyde	0.0050	U	0.0050	0.10
Chlorobenzilate	0.075	U	0.075	0.50
gamma-BHC (Lindane)	0.011	U	0.011	0.050
Heptachlor	0.011	U	0.011	0.050
Heptachlor epoxide	0.0060	U	0.0060	0.050
Isodrin	0.0061	U	0.0061	0.050
Kepone	0.083	U	0.083	1.0
Methoxychlor	0.0082	U	0.0082	0.50

Laboratory Control Sample/ Control Duplicate - Batch: 660-3696

LCS Lab ID: LCS 660-3696/2-A
LCSD Lab ID: LCSD 660-3696/3-A
Matrix: WaterDate Analyzed: 03/30/2005 2356
Date Analyzed: 03/31/2005 0015Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
4,4'-DDT	93	83	37 - 150	11	27	
Aldrin	62	57	32 - 120	8	25	
Dieldrin	83	83	40 - 142	0	42	
Endrin	87	84	36 - 137	3	25	
gamma-BHC (Lindane)	81	80	24 - 118	1	26	
Heptachlor	71	68	34 - 114	4	26	

Calculations are performed before rounding to avoid round-off errors in calculated results.

**STL****Quality Control Results**

Client: HDR, Inc.

Job Number: 660-934.1

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography**Method Blank - Batch: 660-4228**Lab ID: MB 660-4228/1-A
Matrix: WaterDate Analyzed: 04/08/2005 1149
Units: ug/L

Dilution: 1.0

Analyte	Result	Qualifier	MDL	PQL
PCB-1016	0.26	U	0.26	0.50
PCB-1221	0.15	U	0.15	0.50
PCB-1232	0.38	U	0.38	0.50
PCB-1242	0.077	U	0.077	0.50
PCB-1248	0.070	U	0.070	0.50
PCB-1254	0.12	U	0.12	0.50
PCB-1260	0.10	U	0.10	0.50

Laboratory Control Sample/ Control Duplicate - Batch: 660-4228LCS Lab ID: LCS 660-4228/2-A
LCSD Lab ID: LCSD 660-4228/3-A
Matrix: WaterDate Analyzed: 04/08/2005 1203
Date Analyzed: 04/08/2005 1218Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
PCB-1016	56	62	45 - 134	10	34	
PCB-1260	57	64	41 - 144	12	34	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: HDR, Inc.

Job Number: 660-934.1

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography**Method Blank - Batch: 660-4481**Lab ID: MB 660-4481/1-A
Matrix: WaterDate Analyzed: 04/08/2005 1619
Units: ug/L

Dilution: 1.0

Analyte	Result	Qualifier	MDL	PQL
PCB-1016	0.26	U	0.26	0.50
PCB-1221	0.15	U	0.15	0.50
PCB-1232	0.38	U	0.38	0.50
PCB-1242	0.077	U	0.077	0.50
PCB-1248	0.070	U	0.070	0.50
PCB-1254	0.12	U	0.12	0.50
PCB-1260	0.10	U	0.10	0.50

Calculations are performed before rounding to avoid round-off errors in calculated results.

**STL****Quality Control Results**

Client: HDR, Inc.

Job Number: 660-934.1

8141A Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique**Method Blank - Batch: 660-3864**Lab ID: MB 660-3864/1-A
Matrix: WaterDate Analyzed: 04/05/2005 0314
Units: ug/L

Dilution: 1.0

Analyte	Result	Qualifier	MDL	PQL
Famphur	0.17	U	0.17	2.0
Disulfoton	0.18	U	0.18	2.0
Methyl parathion	0.11	U	0.11	0.50
Parathion	0.085	U	0.085	1.0
Thionazin	0.080	U	0.080	1.0
Phorate	0.086	U	0.086	1.0
Dimethoate	0.12	U	0.12	2.0

Laboratory Control Sample/ Control Duplicate - Batch: 660-3864LCS Lab ID: LCS 660-3864/2-A
LCSD Lab ID: LCSD 660-3864/3-A
Matrix: WaterDate Analyzed: 04/05/2005 0341
Date Analyzed: 04/05/2005 0408Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Methyl parathion	107	150	38 - 149	33	40	J
Parathion	126	181	28 - 155	36	34	J

Calculations are performed before rounding to avoid round-off errors in calculated results.

**STL****Quality Control Results**

Client: HDR, Inc.

Job Number: 660-934.1

8151A Chlorinated Herbicides by GC Using Methylation or Pentafluorobenzoylation Derivat**Method Blank - Batch: 660-3840**Lab ID: MB 660-3840/1-A
Matrix: WaterDate Analyzed: 04/05/2005 2328
Units: ug/L

Dilution: 1.0

Analyte	Result	Qualifier	MDL	PQL
2,4,5-T	0.046	U	0.046	0.50
2,4-D	0.36	U	0.36	0.50
Dinoseb	0.42	U	0.42	6.0
Silvex (2,4,5-TP)	0.036	U	0.036	0.50

Laboratory Control Sample/ Control Duplicate - Batch: 660-3840LCS Lab ID: LCS 660-3840/2-A
LCSD Lab ID: LCSD 660-3840/3-A
Matrix: WaterDate Analyzed: 04/05/2005 2347
Date Analyzed: 04/06/2005 0006Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
2,4,5-T	48	52	15 - 155	9	48	
2,4-D	52	61	10 - 166	16	78	
Silvex (2,4,5-TP)	55	60	25 - 139	8	66	

Calculations are performed before rounding to avoid round-off errors in calculated results.

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**STL****Quality Control Results**

Client: HDR, Inc.

Job Number: 660-934.1

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Total Recoverable**Method Blank - Batch: 660-3868**Lab ID: MB 660-3868/1-A
Matrix: WaterDate Analyzed: 04/05/2005 0827
Units: mg/L

Dilution: 1.0

Analyte	Result	Qualifier	MDL	PQL
Silver	0.0019	U	0.0019	0.010
Arsenic	0.0038	U	0.0038	0.010
Barium	0.0012	U	0.0012	0.010
Beryllium	0.00074	U	0.00074	0.0040
Cadmium	0.00071	U	0.00071	0.0050
Cobalt	0.0014	U	0.0014	0.010
Chromium	0.0017	U	0.0017	0.010
Copper	0.0013	U	0.0013	0.020
Nickel	0.0047	U	0.0047	0.040
Lead	0.0015	U	0.0015	0.0050
Selenium	0.0048	U	0.0048	0.010
Iron	0.037	U	0.037	0.050
Tin	0.0064	U	0.0064	0.050
Thallium	0.0066	U	0.0066	0.010
Vanadium	0.0025	U	0.0025	0.010
Zinc	0.0059	U	0.0059	0.020
Sodium	0.15	U	0.15	0.50
Antimony	0.0029	U	0.0029	0.0060

Calculations are performed before rounding to avoid round-off errors in calculated results.

**STL****Quality Control Results**

Client: HDR, Inc.

Job Number: 660-934.1

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Total Recoverable**Laboratory Control Sample/ Control Duplicate - Batch: 660-3868**

LCS Lab ID: LCS 660-3868/2-A

Date Analyzed: 04/05/2005 0833

Dilution: 1.0

LCSD Lab ID: LCSD 660-3868/3-A

Date Analyzed: 04/05/2005 0839

Dilution: 1.0

Matrix: Water

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Silver	101	102	75 - 125	1	20	
Arsenic	100	101	75 - 125	1	20	
Barium	99	100	75 - 125	1	20	
Beryllium	103	103	75 - 125	0	20	
Cadmium	103	103	75 - 125	0	20	
Cobalt	99	97	75 - 125	1	20	
Chromium	100	99	75 - 125	1	20	
Copper	100	100	75 - 125	1	20	
Nickel	102	101	75 - 125	1	20	
Lead	104	103	75 - 125	1	20	
Iron	102	101	75 - 125	1	20	
Selenium	103	103	75 - 125	0	20	
Tin	103	103	75 - 125	1	20	
Thallium	102	103	75 - 125	1	20	
Vanadium	101	101	75 - 125	1	20	
Zinc	105	104	75 - 125	2	20	
Sodium	93	93	75 - 125	1	20	
Antimony	97	98	75 - 125	1	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: HDR, Inc.

Job Number: 660-934.1

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Total Recoverable**Matrix Spike/Spike Duplicate - Batch: 660-3868**

MS Lab ID: 660-1023-A-2-B MS*R
MSD Lab ID: 660-1023-A-2-B MSD*R
Matrix: Water

Date Analyzed: 04/05/2005 0857
Date Analyzed: 04/05/2005 0903

Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	MS	MSD				
Silver	101	102	75 - 125	1	20	
Arsenic	101	100	75 - 125	1	20	
Barium	99	100	75 - 125	1	20	
Beryllium	103	103	75 - 125	0	20	
Cadmium	102	101	75 - 125	1	20	
Cobalt	97	96	75 - 125	1	20	
Chromium	100	99	75 - 125	1	20	
Copper	100	101	75 - 125	2	20	
Nickel	100	99	75 - 125	1	20	
Lead	103	102	75 - 125	1	20	
Iron	101	102	75 - 125	1	20	
Selenium	103	103	75 - 125	0	20	
Tin	102	102	75 - 125	0	20	
Thallium	102	101	75 - 125	1	20	
Vanadium	101	101	75 - 125	0	20	
Zinc	103	102	75 - 125	1	20	
Sodium	95	100	75 - 125	4	20	
Antimony	98	98	75 - 125	0	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

**STL****Quality Control Results**

Client: HDR, Inc.

Job Number: 660-934.1

7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)**Method Blank - Batch: 660-5038**Lab ID: MB 660-5038/1-A
Matrix: WaterDate Analyzed: 04/19/2005 1902
Units: mg/L

Dilution: 1.0

Analyte	Result	Qualifier	MDL	PQL
Mercury	0.000072	U	0.000072	0.00020

Laboratory Control Sample/ Control Duplicate - Batch: 660-5038LCS Lab ID: LCS 660-5038/2-A
LCSD Lab ID: LCSD 660-5038/3-A
Matrix: WaterDate Analyzed: 04/19/2005 1904
Date Analyzed: 04/19/2005 1906Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Mercury	93	95	80 - 120	2	20	

Matrix Spike/Spike Duplicate - Batch: 660-5038MS Lab ID: 660-1252-B-1-A MS
MSD Lab ID: 660-1252-B-1-A MSD
Matrix: WaterDate Analyzed: 04/19/2005 1915
Date Analyzed: 04/19/2005 1917Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	MS	MSD				
Mercury	97	90	80 - 120	7	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

**STL****Quality Control Results**

Client: HDR, Inc.

Job Number: 660-934.1

160.1 Residue, Filterable, Gravimetric, Dried at 180°C (TDS)**Method Blank - Batch: 660-4094**

Lab ID: MB 660-4094/1

Date Analyzed: 03/29/2005 1500

Dilution: 1.0

Matrix: Water

Units: mg/L

Analyte	Result	Qualifier	RL	PQL
Total Dissolved Solids	Err		5.0	5.0

Laboratory Control Sample/ Control Duplicate - Batch: 660-4094

LCS Lab ID: LCS 660-4094/2

Date Analyzed: 03/29/2005 1500

Dilution: 1.0

LCSD Lab ID: LCSD 660-4094/3

Date Analyzed: 03/29/2005 1500

Dilution: 1.0

Matrix: Water

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Total Dissolved Solids	102	101	80 - 120	1	25	

Calculations are performed before rounding to avoid round-off errors in calculated results.

**STL****Quality Control Results**

Client: HDR, Inc.

Job Number: 660-934.1

2320B Alkalinity, Titration Method**Method Blank - Batch: 660-4327**Lab ID: MB 660-4327/1
Matrix: WaterDate Analyzed: 04/06/2005 0900
Units: mg/L

Dilution: 1.0

Analyte	Result	Qualifier	RL	PQL
Alkalinity	1.0	U	1.0	1.0
Bicarbonate Alkalinity as CaCO ₃	Err		1.0	1.0

Laboratory Control Sample/ Control Duplicate - Batch: 660-4327LCS Lab ID: LCS 660-4327/2
LCSD Lab ID: LCSD 660-4327/3
Matrix: WaterDate Analyzed: 04/06/2005 0900
Date Analyzed: 04/06/2005 0900Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Alkalinity	113	111	80 - 120	2	30	

Calculations are performed before rounding to avoid round-off errors in calculated results.

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Quality Control Results

Client: HDR, Inc.

Job Number: 660-934.1

325.2 Chloride (Colorimetric, Automated Ferricyanide, AAI)**Method Blank - Batch: 660-3874**

Lab ID: MB 660-3874/1

Date Analyzed: 03/30/2005 1930

Dilution: 1.0

Matrix: Water

Units: mg/L

Analyte	Result	Qualifier	MDL	PQL
Chloride	0.90	U	0.90	1.0

Laboratory Control Sample/ Control Duplicate - Batch: 660-3874

LCS Lab ID: LCS 660-3874/2

Date Analyzed: 03/30/2005 1930

Dilution: 1.0

LCSD Lab ID: LCSD 660-3874/3

Date Analyzed: 03/30/2005 1930

Dilution: 1.0

Matrix: Water

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Chloride	100	102	90 - 110	2	30	

Calculations are performed before rounding to avoid round-off errors in calculated results.

**STL****Quality Control Results**

Client: HDR, Inc.

Job Number: 660-934.1

335.2 Cyanide, Total (Titrimetric; Spectrophotometric)**Method Blank - Batch: 660-5239**Lab ID: MB 660-5239/1-A
Matrix: WaterDate Analyzed: 04/09/2005 0700
Units: mg/L

Dilution: 1.0

Analyte	Result	Qualifier	MDL	PQL
Cyanide, Total	0.0050	U	0.0050	0.010

Laboratory Control Sample/ Control Duplicate - Batch: 660-5239LCS Lab ID: LCS 660-5239/2-A
LCSD Lab ID: LCSD 660-5239/3-A
Matrix: WaterDate Analyzed: 04/09/2005 0700
Date Analyzed: 04/09/2005 0700Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Cyanide, Total	102	102	80 - 120	0	25	

Calculations are performed before rounding to avoid round-off errors in calculated results.

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**STL****Quality Control Results**

Client: HDR, Inc.

Job Number: 660-934.1

350.1 Nitrogen (Ammonia, Colorimetric, Automated Phenate)**Method Blank - Batch: 660-3954**

Lab ID: MB 660-3954/1

Date Analyzed: 04/01/2005 1630

Dilution: 1.0

Matrix: Water

Units: mg/L

Analyte	Result	Qualifier	MDL	PQL
Ammonia	0.040	U	0.040	0.050

Laboratory Control Sample/ Control Duplicate - Batch: 660-3954

LCS Lab ID: LCS 660-3954/2

Date Analyzed: 04/01/2005 1630

Dilution: 1.0

LCSD Lab ID: LCSD 660-3954/3

Date Analyzed: 04/01/2005 1630

Dilution: 1.0

Matrix: Water

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Ammonia	99	99	85 - 115	0	30	

Calculations are performed before rounding to avoid round-off errors in calculated results.

**STL****Quality Control Results**

Client: HDR, Inc.

Job Number: 660-934.1

350.1 Nitrogen (Ammonia, Colorimetric, Automated Phenate)**Method Blank - Batch: 660-4078**Lab ID: MB 660-4078/1
Matrix: WaterDate Analyzed: 04/01/2005 2130
Units: mg/L

Dilution: 1.0

Analyte	Result	Qualifier	MDL	PQL
Ammonia	0.040	U	0.040	0.050

Laboratory Control Sample/ Control Duplicate - Batch: 660-4078LCS Lab ID: LCS 660-4078/2
LCSD Lab ID: LCSD 660-4078/3
Matrix: WaterDate Analyzed: 04/01/2005 2130
Date Analyzed: 04/01/2005 2130Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Ammonia	100	100	85 - 115	0	30	

Calculations are performed before rounding to avoid round-off errors in calculated results.

STL Tampa

**STL****Quality Control Results**

Client: HDR, Inc.

Job Number: 660-934.1

353.2 Nitrogen, Nitrate-Nitrite (Colorimetric, Automated, Cadmium Reduction)**Method Blank - Batch: 660-3800**

Lab ID: MB 660-3800/1

Date Analyzed: 03/26/2005 0818

Dilution: 1.0

Matrix: Water

Units: mg/L

Analyte	Result	Qualifier	MDL	PQL
Nitrogen, Nitrate	0.010	U	0.010	0.050

Laboratory Control Sample/ Control Duplicate - Batch: 660-3800

LCS Lab ID: LCS 660-3800/2

Date Analyzed: 03/26/2005 0818

Dilution: 1.0

LCSD Lab ID: LCSD 660-3800/3

Date Analyzed: 03/26/2005 0818

Dilution: 1.0

Matrix: Water

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Nitrogen, Nitrate	106	106	80 - 120	0	30	

Matrix Spike/Spike Duplicate - Batch: 660-3800

MS Lab ID: 660-948-F-1 MS

Date Analyzed: 03/26/2005 0818

Dilution: 1.0

MSD Lab ID: 660-948-F-1 MSD

Date Analyzed: 03/26/2005 0818

Dilution: 1.0

Matrix: Water

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	MS	MSD				
Nitrogen, Nitrate	106	107	80 - 120	0	30	

Calculations are performed before rounding to avoid round-off errors in calculated results.

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**STL****Quality Control Results**

Client: HDR, Inc.

Job Number: 660-934.1

376.1 Sulfide (Titrimetric, Iodine)**Method Blank - Batch: 660-3799**Lab ID: MB 660-3799/1
Matrix: WaterDate Analyzed: 03/29/2005 1500
Units: mg/L

Dilution: 1.0

Analyte	Result	Qualifier	RL	PQL
Sulfide	1.0	U	1.0	1.0

Laboratory Control Sample/ Control Duplicate - Batch: 660-3799LCS Lab ID: LCS 660-3799/19
LCSD Lab ID: LCSD 660-3799/20
Matrix: WaterDate Analyzed: 03/29/2005 1500
Date Analyzed: 03/29/2005 1500Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Sulfide	97	95	75 - 125	2	25	

Calculations are performed before rounding to avoid round-off errors in calculated results.

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 TRAIL RIDGE						PROJECT NO.							PROJECT LOCATION (STATE) FL								MATRIX TYPE									REQUIRED ANALYSIS										PAGE 1 OF 1											
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																																																			
COMPANY CONTRACTING THIS WORK (if applicable)																														NUMBER OF COOLERS SUBMITTED PER SHIPMENT:																					
SAMPLE IDENTIFICATION													COMPOSITE (C) OR GRAB (G) INDICATE AQUEOUS (WATER) SOLID OR SEMISOLID AIR NON-AQUEOUS LIQUID (OIL, SOLVENT,...)													NUMBER OF CONTAINERS SUBMITTED													REMARKS												
DATE			TIME																																																
3-24			1025			LDSS													2 3 2 2 1 1 1 1 1 1 3 0 1																																
3-24			1050			LCS													2 3 2 2 1 1 1 1 1 1 3 3 1																																
3-24			-			TRIP													3 3																																
RELINQUISHED BY: (SIGNATURE) [Signature]						DATE 3/21/00			TIME 1600			RELINQUISHED BY: (SIGNATURE) [Signature]						DATE 3-29-00			TIME 1600			RELINQUISHED BY: (SIGNATURE)						DATE			TIME																		
RECEIVED BY: (SIGNATURE) EMPTY CONTAINERS						DATE			TIME			RECEIVED BY: (SIGNATURE)						DATE			TIME			RECEIVED BY: (SIGNATURE)						DATE			TIME																		

LABORATORY USE ONLY						
RECEIVED FOR LABORATORY BY: (SIGNATURE) <i>[Signature]</i>	DATE <i>3-25-05</i>	TIME <i>0845</i>	CUSTODY INTACT YES ☐ NO ☐	CUSTODY SEAL NO.	STL TAMPA LOG NO. <i>660934</i>	LABORATORY REMARKS

ANALYTICAL REPORT

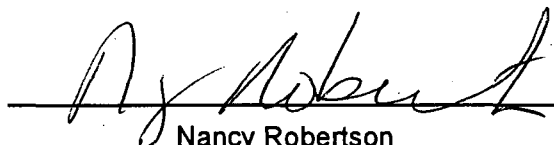
Job Number: 660-933.1

Job Description: COND/TCLP/Trail Ridge

For:

HDR, Inc.
200 W. Forsyth St., Suite 800
Jacksonville, FL 32202

Attention: Mr. Brad Stone



Nancy Robertson
Project Manager I
nrobertson@stl-inc.com

04/22/2005

Methods: FDEP, 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.

METHOD SUMMARY

Client: HDR, Inc.

Job Number: 660-933.1

Description	Method	Preparation Method
Matrix: Water		
Volatile Organic Compounds by GC/MS	SW846 8260B	
Toxicity Characteristic Leaching Procedure (ZHE)		SW846 1311
Purge and Trap on Leachates		SW846 5030B
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	SW846 8270C	
Toxicity Characteristic Leaching Procedure		SW846 1311
Continuous Liquid-Liquid Extraction		SW846 3520C
Organochlorine Pesticides by Gas Chromatography	SW846 8081A	
Toxicity Characteristic Leaching Procedure		SW846 1311
Separatory Funnel Liquid-Liquid Extraction		SW846 3510C
Chlorinated Herbicides by GC Using Methylation or Pentafluorobenzoylation Derivat	SW846 8151A	
Toxicity Characteristic Leaching Procedure		SW846 1311
Chlorinated Herbicides by GC - Aqueous Prep		SW846 8151A
Inductively Coupled Plasma - Atomic Emission Spectrometry	SW846 6010B	
Toxicity Characteristic Leaching Procedure		SW846 1311
Acid Digestion of Aqueous Samples and Extracts for Total Metals/Leachates		SW846 3010A
Mercury in Liquid Waste (Manual Cold Vapor Technique)	SW846 7470A	
Toxicity Characteristic Leaching Procedure		SW846 1311
Mercury in Liquid Waste (Manual Cold Vapor Technique)/Preparation/Leachate		SW846 7470A
Conductivity, Specific Conductance Field	MCAWW 120.1	
pH, Electrometric Field	MCAWW 150.1	
Temperature, Thermometric Field	MCAWW 170.1	
Turbidity, Nephelometric Field	MCAWW 180.1	
Oxygen (Dissolved, Membrane Electrode) Field	MCAWW 360.1	



STL

METHOD SUMMARY

Client: HDR, Inc.

Job Number: 660-933.1

Description	Method	Preparation Method
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REFERENCES

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.



STL

SAMPLE SUMMARY

Client: HDR, Inc.

Job Number: 660-933.1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
660-933-1	COND	Water	03/24/2005 1115	03/25/2005 0840
660-933-2	TRIP BLANK	Water	03/24/2005 1115	03/25/2005 0840

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-933.1

Client Sample ID: **COND**

Lab Sample ID: 660-933-1

Date Sampled: 03/24/2005 1115

Client Matrix: Water

Date Received: 03/25/2005 0840

8260B Volatile Organic Compounds by GC/MS-TCLP

Method: 8260B

Analysis Batch: 640-3090

Instrument ID: VMG 5973

Preparation: 8260B

Prep Batch: 640-2316

Lab File ID: 2GD07019.D

Dilution: 1.0

Initial Weight/Volume: 2 mL

Date Analyzed: 04/07/2005 1840

Final Weight/Volume: 40 mL

Date Prepared: 04/07/2005 1840

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Benzene	0.0077	I	0.0024	0.020
Carbon tetrachloride	0.0043	U	0.0043	0.020
Chlorobenzene	0.0036	U	0.0036	0.020
1,2-Dichloroethane	0.0025	U	0.0025	0.020
Chloroform	0.0038	U	0.0038	0.020
1,1-Dichloroethene	0.0036	U	0.0036	0.020
Trichloroethene	0.0040	U	0.0040	0.020
Tetrachloroethene	0.0075	I V	0.0046	0.020
Vinyl chloride	0.0043	U	0.0043	0.040

Surrogate	%Rec	Acceptance Limits
Toluene-d8	102	70 - 130
4-Bromofluorobenzene	96	69 - 130
Dibromofluoromethane	97	70 - 130
1,2-Dichlorobenzene-d4	121	70 - 130

Analytical Data

Client: HDR, Inc.

Job Number: 660-933.1

Client Sample ID: COND

Lab Sample ID: 660-933-1

Client Matrix: Water

Date Sampled: 03/24/2005 1115

Date Received: 03/25/2005 0840

8260B Volatile Organic Compounds by GC/MS-TCLP

Method: 8260B

Analysis Batch: 640-3141

Instrument ID: VMG 5973

Preparation: 8260B

Prep Batch: 640-2316

Lab File ID: 2GD11018.D

Dilution: 200

Initial Weight/Volume: 40 mL

Date Analyzed: 04/11/2005 1707

Final Weight/Volume: 40 mL

Date Prepared: 04/11/2005 1707

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Methyl Ethyl Ketone	29		0.039	1.0

Analytical Data

Client: HDR, Inc.

Job Number: 660-933.1

Client Sample ID: TRIP BLANK

Lab Sample ID: 660-933-2

Date Sampled: 03/24/2005 1115

Client Matrix: Water

Date Received: 03/25/2005 0840

8260B Volatile Organic Compounds by GC/MS-TCLP

Method: 8260B

Analysis Batch: 640-3141

Instrument ID: VMG 5973

Preparation: 8260B

Prep Batch: 640-2316

Lab File ID: 2GD11017.D

Dilution: 1.0

Initial Weight/Volume: 2 mL

Date Analyzed: 04/11/2005 1641

Final Weight/Volume: 40 mL

Date Prepared: 04/11/2005 1641

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Benzene	0.0024	U	0.0024	0.020
Carbon tetrachloride	0.0043	U	0.0043	0.020
Chlorobenzene	0.0036	U	0.0036	0.020
1,2-Dichloroethane	0.0025	U	0.0025	0.020
Chloroform	0.0038	U	0.0038	0.020
1,1-Dichloroethene	0.0036	U	0.0036	0.020
Methyl Ethyl Ketone	0.080	I	0.0039	0.10
Trichloroethene	0.0040	U	0.0040	0.020
Tetrachloroethene	0.0046	U	0.0046	0.020
Vinyl chloride	0.0043	U	0.0043	0.040
Surrogate	%Rec	Acceptance Limits		
Toluene-d8	99	70 - 130		
4-Bromofluorobenzene	92	69 - 130		
Dibromofluoromethane	94	70 - 130		
1,2-Dichlorobenzene-d4	123	70 - 130		

Analytical Data

Client: HDR, Inc.

Job Number: 660-933.1

Client Sample ID: COND

Lab Sample ID: 660-933-1

Date Sampled: 03/24/2005 1115

Client Matrix: Water

Date Received: 03/25/2005 0840

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)-TCLP

Method:	8270C	Analysis Batch:	660-4220	Instrument ID:	HP 6890/5973
Preparation:	8270C	Prep Batch:	660-3858	Lab File ID:	1CD04020.D
Dilution:	1.0			Initial Weight/Volume:	200 mL
Date Analyzed:	04/04/2005 1933			Final Weight/Volume:	1 mL
Date Prepared:	03/31/2005 1700			Injection Volume:	

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Pyridine	0.043	U	0.043	1.3
Pentachlorophenol	0.076	I	0.028	1.3
Nitrobenzene	0.031	U	0.031	0.25
Hexachloroethane	0.032	U	0.032	0.25
Hexachlorobutadiene	0.032	U	0.032	0.25
Hexachlorobenzene	0.024	U	0.024	0.25
o-Cresol	0.11	I	0.031	0.25
1,4-Dichlorobenzene	0.027	U	0.027	0.25
2,4-Dinitrotoluene	0.027	U	0.027	0.25
2,4,5-Trichlorophenol	0.034	U	0.034	0.25
2,4,6-Trichlorophenol	0.024	U	0.024	0.25

Surrogate	%Rec	Acceptance Limits
2,4,6-Tribromophenol	92	39 - 146
2-Fluorophenol	68	40 - 130
Phenol-d5	88	35 - 126
Nitrobenzene-d5	91	32 - 131
2-Fluorobiphenyl	82	40 - 129
Terphenyl-d14	88	10 - 149

Analytical Data

Client: HDR, Inc.

Job Number: 660-933.1

Client Sample ID: COND

Lab Sample ID: 660-933-1

Client Matrix: Water

Date Sampled: 03/24/2005 1115

Date Received: 03/25/2005 0840

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)-TCLP

Method: 8270C

Analysis Batch: 660-4220

Instrument ID: HP 6890/5973

Preparation: 8270C

Prep Batch: 660-3635

Lab File ID: 1CD04021.D

Dilution: 5.0

Initial Weight/Volume:

Date Analyzed: 04/04/2005 1956

Final Weight/Volume:

Date Prepared: 03/29/2005 1143

Injection Volume:

Analyte	Result (mg/L)	Qualifier	MDL	PQL
m & p - Cresol	7.9		0.16	1.3

Analytical Data

Client: HDR, Inc.

Job Number: 660-933.1

Client Sample ID: COND

Lab Sample ID: 660-933-1

Date Sampled: 03/24/2005 1115

Client Matrix: Water

Date Received: 03/25/2005 0840

8081A Organochlorine Pesticides by Gas Chromatography-TCLP

Method:	8081A	Analysis Batch:	660-4468	Instrument ID:	AGILENT GC ECD/ECD
Preparation:	8081A	Prep Batch:	660-4006	Lab File ID:	1D05J028.D
Dilution:	1.0			Initial Weight/Volume:	20.0 mL
Date Analyzed:	04/06/2005 0432			Final Weight/Volume:	2.0 mL
Date Prepared:	04/04/2005 0900			Injection Volume:	
				Column ID:	PRIMARY

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Endrin	0.00061	U	0.00061	0.0050
gamma-BHC (Lindane)	0.00021	U	0.00021	0.0025
Methoxychlor	0.00044	U	0.00044	0.025
Chlordane (technical)	0.0034	U	0.0034	0.025
Toxaphene	0.019	U	0.019	0.25
Heptachlor	0.00036	U	0.00036	0.0025
Heptachlor epoxide	0.00022	U	0.00022	0.0025

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	90	30 - 150
Tetrachloro-m-xylene	67	30 - 150

**STL****Analytical Data**

Client: HDR, Inc.

Job Number: 660-933.1

Client Sample ID: **COND**

Lab Sample ID: 660-933-1

Date Sampled: 03/24/2005 1115

Client Matrix: Water

Date Received: 03/25/2005 0840

8151A Chlorinated Herbicides by GC Using Methylation or Pentafluorobenzylation Derivat-TCLP

Method: 8151A

Analysis Batch: 660-4470

Instrument ID: HP 5890 Series II ECD1/2

Preparation: 8151A

Prep Batch: 660-4007

Lab File ID: 1D07S018.D

Dilution: 1.0

Initial Weight/Volume: 10 mL

Date Analyzed: 04/07/2005 0451

Final Weight/Volume: 2.0 mL

Date Prepared: 04/04/2005 1115

Injection Volume:

Column ID: PRIMARY

Analyte	Result (mg/L)	Qualifier	MDL	PQL
2,4-D	0.0075	U	0.0075	0.025
Silvex (2,4,5-TP)	0.0016	U	0.0016	0.025
Surrogate	%Rec		Acceptance Limits	
2,4-Dichlorophenylacetic acid	120		33 - 120	

Analytical Data

Client: HDR, Inc.

Job Number: 660-933.1

Client Sample ID: COND

Lab Sample ID: 660-933-1

Date Sampled: 03/24/2005 1115

Client Matrix: Water

Date Received: 03/25/2005 0840

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-TCLP

Method:	6010B	Analysis Batch:	660-3822	Instrument ID:	TJA ICP
Preparation:	3010A	Prep Batch:	660-3635	Lab File ID:	5C31B
Dilution:	5.0			Initial Weight/Volume:	
Date Analyzed:	03/31/2005 1014			Final Weight/Volume:	
Date Prepared:	03/29/2005 1143	Date Leached:			

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Silver	0.048	U	0.048	0.50
Arsenic	0.18	I	0.095	1.0
Barium	0.11	I	0.030	5.0
Cadmium	0.018	U	0.018	0.50
Chromium	0.043	U	0.043	1.0
Lead	0.038	U	0.038	1.0
Selenium	0.12	U	0.12	2.5

7470A Mercury In Liquid Waste (Manual Cold Vapor Technique)-TCLP

Method:	7470A	Analysis Batch:	660-3916	Instrument ID:	HydraAA Mercury
Preparation:	7470A	Prep Batch:	660-3635	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	
Date Analyzed:	03/31/2005 1817			Final Weight/Volume:	
Date Prepared:	03/29/2005 1143	Date Leached:			

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Mercury	0.00036	U	0.00036	0.020

Analytical Data

Client: HDR, Inc.

Job Number: 660-933.1

Field Service / Mobile Lab

Client Sample ID: COND

Lab Sample ID: 660-933-1

Client Matrix: Water

Date Sampled: 03/24/2005 1115

Date Received: 03/25/2005 0840

Analyte	Result	Qual	Units	Dil	Method	Analysis Batch	Date Analyzed
Specific Conductance	3910		umhos/cm	1.0	120.1	660-4234	03/24/2005 1115
pH	6.63		SU	1.0	150.1	660-4241	03/24/2005 1115
Temperature	26.6		Degrees C	1.0	170.1	660-4247	03/24/2005 1115
Turbidity	7.90		NTU	1.0	180.1	660-4249	03/24/2005 0749
Oxygen, Dissolved	3910		mg/L	1.0	360.1	660-4252	03/24/2005 1115

DATA REPORTING QUALIFIERS

Client: HDR, Inc.

Job Number: 660-933.1

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.
	V	Indicates the analyte was detected in both the sample and the associated method blank.
GC 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.
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.

Quality Control Results

Client: HDR, Inc.

Job Number: 660-933.1

8260B Volatile Organic Compounds by GC/MS-TCLP**Method Blank - Batch: 640-2316**

Lab ID: MB 640-2316/7-A

Date Analyzed: 04/07/2005 1723

Dilution: 1.0

Matrix: Water

Units: mg/L

Analyte	Result	Qualifier	MDL	PQL
Benzene	0.0024	U	0.0024	0.020
Carbon tetrachloride	0.0043	U	0.0043	0.020
Chlorobenzene	0.0036	U	0.0036	0.020
1,2-Dichloroethane	0.0025	U	0.0025	0.020
Chloroform	0.0038	U	0.0038	0.020
1,1-Dichloroethene	0.0036	U	0.0036	0.020
Methyl Ethyl Ketone	0.045	IV	0.0039	0.10
Trichloroethene	0.0040	U	0.0040	0.020
Tetrachloroethene	0.0050	IV	0.0046	0.020
Vinyl chloride	0.0043	U	0.0043	0.040

Calculations are performed before rounding to avoid round-off errors in calculated results.

**STL****Quality Control Results**

Client: HDR, Inc.

Job Number: 660-933.1

8260B Volatile Organic Compounds by GC/MS-TCLP**Laboratory Control Sample/ Control Duplicate - Batch: 640-3090**

LCS Lab ID: LCS 640-3090/7

Date Analyzed: 04/07/2005 1631

Dilution: 1.0

LCSD Lab ID: LCSD 640-3090/8

Date Analyzed: 04/07/2005 1657

Dilution: 1.0

Matrix: Water

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier	
	LCS	LCSD					
Benzene	120	82	70 - 130	38	30	J	J
Carbon tetrachloride	116	76	48 - 132	42	30	J	J
Chlorobenzene	124	83	70 - 130	40	30	J	J
1,2-Dichloroethane	125	84	70 - 130	39	30	J	J
Chloroform	117	80	70 - 130	38	30	J	J
1,1-Dichloroethene	114	77	58 - 130	39	30	J	J
Methyl Ethyl Ketone	122	75	70 - 130	47	30	J	J
Trichloroethene	122	82	70 - 130	40	30	J	J
Tetrachloroethene	102	70	64 - 130	37	30	J	J
Vinyl chloride	121	82	48 - 136	38	50		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: HDR, Inc.

Job Number: 660-933.1

8260B Volatile Organic Compounds by GC/MS-TCLP

Laboratory Control Sample/ Control Duplicate - Batch: 640-3141

LCS Lab ID: LCS 640-3141/5	Date Analyzed: 04/11/2005 1457	Dilution: 1.0
LCSD Lab ID: LCSD 640-3141/6	Date Analyzed: 04/11/2005 1523	Dilution: 1.0
Matrix: Water		

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Benzene	99	119	70 - 130	18	30	
Carbon tetrachloride	91	110	48 - 132	19	30	
Chlorobenzene	101	121	70 - 130	18	30	
1,2-Dichloroethane	103	124	70 - 130	19	30	
Chloroform	99	117	70 - 130	16	30	
1,1-Dichloroethene	95	115	58 - 130	19	30	
Methyl Ethyl Ketone	90	109	70 - 130	19	30	
Trichloroethene	101	123	70 - 130	20	30	
Tetrachloroethene	84	100	64 - 130	18	30	
Vinyl chloride	102	121	48 - 136	17	50	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: HDR, Inc.

Job Number: 660-933.1

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)-TCLP

Method Blank - Batch: 660-3858

Lab ID: MB 660-3858/1-A
Matrix: Water

Date Analyzed: 04/04/2005 1737
Units: mg/L

Dilution: 1.0

Analyte	Result	Qualifier	MDL	PQL
Pyridine	0.0086	U	0.0086	0.25
Pentachlorophenol	0.0056	U	0.0056	0.25
Nitrobenzene	0.0061	U	0.0061	0.050
Hexachloroethane	0.0063	U	0.0063	0.050
Hexachlorobutadiene	0.0063	U	0.0063	0.050
Hexachlorobenzene	0.0048	U	0.0048	0.050
o-Cresol	0.0062	U	0.0062	0.050
m & p - Cresol	0.0062	U	0.0062	0.050
1,4-Dichlorobenzene	0.0054	U	0.0054	0.050
2,4-Dinitrotoluene	0.0054	U	0.0054	0.050
2,4,5-Trichlorophenol	0.0068	U	0.0068	0.050
2,4,6-Trichlorophenol	0.0048	U	0.0048	0.050

Laboratory Control Sample/ Control Duplicate - Batch: 660-3858

LCS Lab ID: LCS 660-3858/2-A
LCSD Lab ID: LCSD 660-3858/3-A
Matrix: Water

Date Analyzed: 04/04/2005 1847
Date Analyzed: 04/04/2005 1910

Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Pyridine	71	63	10 - 134	12	50	
Pentachlorophenol	70	67	34 - 133	5	33	
Nitrobenzene	91	92	34 - 124	2	21	
Hexachloroethane	78	75	21 - 94	4	35	
Hexachlorobutadiene	72	77	26 - 104	6	30	
Hexachlorobenzene	76	79	33 - 124	5	31	
o-Cresol	93	88	38 - 118	5	27	
m & p - Cresol	90	87	38 - 118	4	27	
1,4-Dichlorobenzene	74	72	30 - 95	2	31	
2,4-Dinitrotoluene	77	76	36 - 129	2	32	
2,4,5-Trichlorophenol	85	88	46 - 128	3	28	
2,4,6-Trichlorophenol	82	81	47 - 124	1	22	

Calculations are performed before rounding to avoid round-off errors in calculated results.

**STL****Quality Control Results**

Client: HDR, Inc.

Job Number: 660-933.1

8081A Organochlorine Pesticides by Gas Chromatography-TCLP**Method Blank - Batch: 660-4006**Lab ID: MB 660-4006/1-A
Matrix: WaterDate Analyzed: 04/06/2005 0333
Units: mg/L

Dilution: 1.0

Analyte	Result	Qualifier	MDL	PQL
Endrin	0.00061	U	0.00061	0.0050
gamma-BHC (Lindane)	0.00021	U	0.00021	0.0025
Methoxychlor	0.00044	U	0.00044	0.025
Chlordane (technical)	0.0034	U	0.0034	0.025
Toxaphene	0.019	U	0.019	0.25
Heptachlor	0.00036	U	0.00036	0.0025
Heptachlor epoxide	0.00022	U	0.00022	0.0025

Laboratory Control Sample/ Control Duplicate - Batch: 660-4006LCS Lab ID: LCS 660-4006/2-A
LCSD Lab ID: LCSD 660-4006/3-A
Matrix: WaterDate Analyzed: 04/06/2005 0352
Date Analyzed: 04/06/2005 0412Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Endrin	112	108	36 - 137	3	25	
gamma-BHC (Lindane)	114	111	24 - 118	2	36	
Methoxychlor	120	118	28 - 167	1	43	
Heptachlor	104	98	34 - 114	6	26	
Heptachlor epoxide	111	109	37 - 130	2	31	

Calculations are performed before rounding to avoid round-off errors in calculated results.

STL Tampa

Quality Control Results

Client: HDR, Inc.

Job Number: 660-933.1

8151A Chlorinated Herbicides by GC Using Methylation or Pentafluorobenzoylation Derivat-TCLP**Method Blank - Batch: 660-4007**Lab ID: MB 660-4007/1-A
Matrix: WaterDate Analyzed: 04/07/2005 0315
Units: mg/L

Dilution: 1.0

Analyte	Result	Qualifier	MDL	PQL
2,4-D	0.00015	U	0.00015	0.00050
Silvex (2,4,5-TP)	0.000032	U	0.000032	0.00050

Laboratory Control Sample/ Control Duplicate - Batch: 660-4007LCS Lab ID: LCS 660-4007/2-A
LCSD Lab ID: LCSD 660-4007/3-A
Matrix: WaterDate Analyzed: 04/07/2005 0334
Date Analyzed: 04/07/2005 0354Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
2,4-D	61	66	10 - 166	9	78	
Silvex (2,4,5-TP)	58	56	25 - 139	3	66	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: HDR, Inc.

Job Number: 660-933.1

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-TCLP

Matrix Spike/Spike Duplicate - Batch: 660-3635

MS Lab ID: 660-933-D-1-B MS*P
MSD Lab ID: 660-933-D-1-B MSD*P
Matrix: Water

Date Analyzed: 03/31/2005 1019
Date Analyzed: 03/31/2005 1024

Dilution: 5.0
Dilution: 5.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	MS	MSD				
Silver	98	97	75 - 125	1	20	
Arsenic	100	100	75 - 125	0	20	
Barium	99	98	75 - 125	1	20	
Cadmium	101	101	75 - 125	0	20	
Chromium	95	95	75 - 125	0	20	
Lead	102	101	75 - 125	1	20	
Selenium	97	98	75 - 125	0	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

**STL****Quality Control Results**

Client: HDR, Inc.

Job Number: 660-933.1

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-TCLP**Method Blank - Batch: 660-3750**Lab ID: MB 660-3665/1-C
Matrix: WaterDate Analyzed: 03/31/2005 0955
Units: mg/L

Dilution: 1.0

Analyte	Result	Qualifier	MDL	PQL
Silver	0.0095	U	0.0095	0.10
Arsenic	0.019	U	0.019	0.20
Barium	0.0060	U	0.0060	1.0
Cadmium	0.0036	U	0.0036	0.10
Chromium	0.0085	U	0.0085	0.20
Lead	0.0075	U	0.0075	0.20
Selenium	0.024	U	0.024	0.50

Laboratory Control Sample/ Control Duplicate - Batch: 660-3750LCS Lab ID: LCS 660-3750/2-A
LCSD Lab ID: LCSD 660-3750/3-A
Matrix: WaterDate Analyzed: 03/31/2005 0959
Date Analyzed: 03/31/2005 1004Dilution: 1.0
Dilution: 1.0

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Silver	108	108	75 - 125	0	20	
Arsenic	109	109	75 - 125	0	20	
Barium	97	97	75 - 125	0	20	
Cadmium	102	100	75 - 125	2	20	
Chromium	92	91	75 - 125	1	20	
Lead	104	103	75 - 125	1	20	
Selenium	114	115	75 - 125	1	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

**STL****Quality Control Results**

*Client: HDR, Inc.

Job Number: 660-933.1

7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)-TCLP**Method Blank - Batch: 660-3749**

Lab ID: MB 660-3454/1-F

Date Analyzed: 03/31/2005 1746

Dilution: 1.0

Matrix: Water

Units: mg/L

Analyte	Result	Qualifier	MDL	PQL
Mercury	0.00036	U	0.00036	0.020

Laboratory Control Sample/ Control Duplicate - Batch: 660-3749

LCS Lab ID: LCS 660-3749/3-A

Date Analyzed: 03/31/2005 1749

Dilution: 1.0

LCSD Lab ID: LCSD 660-3749/4-A

Date Analyzed: 03/31/2005 1751

Dilution: 1.0

Matrix: Water

Analyte	% Recovery		Recovery Limits	RPD	RPD Limit	Qualifier
	LCS	LCSD				
Mercury	92	92	80 - 120	1	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TRENT

STL

6712 Benjamin Road, Suite 100
Tampa, FL 33634

Fax: (813) 885-7049

○ Alternate Laboratory Name/Location

Fax:

[illegible]

RECEIVED FOR LABORATORY BY: (SIGNATURE) <i>[Signature]</i>						DATE 3-25-03	TIME 0840	CUSTODY INTACT YES ☒ NO ☐	CUSTODY SEAL NO. NLS	STL TAMPA LOG NO. 660-938	LABORATORY REMARKS
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