522734

33628

includes evaluation / monitoring results for 1st quarter

2003

Second Semi-Annual Groundwater, Surface Water and Leachate Monitoring Results

for

Trail Ridge Landfill, Inc.
Jacksonville, Florida

FDEP Permit#0013493-002-SC

GMS #3116P02787

RECEIVED
SEP 19 2003
STATE OF FLORIDA
DEPT. OF ENV. PROTECTION
NORTHEAST DISTRICT/JAX

TABLE OF CONTENTS

1. COVER LETTER AND REFERENCED CORRESPONDENCE
2. GROUNDWATER MONITORING REPORT (FDEP FORM)
3. POTENTIOMETRIC MAPS
4. BACKGROUND WELL CLUSTERS
5. PHASE I COMPLIANCE WELL CLUSTERS
6. PHASE II COMPLIANCE WELL CLUSTERS
7. PHASE III COMPLIANCE & DETECTION WELL CLUSTERS
8. PHASE V COMPLIANCE WELL CLUSTERS
9. DUPLICATE WELLS
10. SURFACE WATER MONITORING DATA
11. LEACHATE MONITORING DATA
12. LABORATORY REPORTS
13. FIELD REPORTS
14. APPENDIX II SAMPLING RESULTS (MWB-34S)

WASTE MANAGEMENT

TRAIL RIDGE LANDFILL, INC.
5110 U.S. Highway 301 South
Baldwin, FL 32234-3608
(904) 289-9100
(904) 289-9013 Fax

September 19, 2003

Ms. Mary C. Nogas, P.E.
Florida Department of Environmental Protection
7825 Baymeadows Way
Suite 200B
Jacksonville, Florida 32256

RE: TRAIL RIDGE LANDFILL
SEMI-ANNUAL GROUNDWATER, SURFACE WATER AND LEACHATE MONITORING RESULTS – 2003
FDEP PERMIT 0013493-002-SC
GMS NO. 3116P02787

Dear Ms. Nogas:

In accordance with Specific Condition 41, 42, and 44 of the above referenced permit, enclosed please find two copies of the groundwater, surface water and leachate monitoring report for the second 2003 semi-annual monitoring event for Trail Ridge Landfill. The samples were collected July 1 to 2, 2003 by Professional Technical Support Services, Inc. Analyses of the collected samples were performed through Advanced Environmental Laboratories, Inc. (AEL) of Jacksonville, Florida.

Also, in response to the detection of vinyl chloride in excess of the groundwater quality standard in monitoring well MW-34(S) during the January 2003 sampling event, the Department's letter to Trail Ridge Landfill, Inc. dated June 9, 2003, and our response letter to the Department dated July 16, 2003, compliance monitoring wells MWB-14(S) and MWB-23(S) were re-activated and sampled during this event and data from that sampling is included in this report as well as the normal semi-annual sampling data. These compliance monitoring wells (MWB-14(S) and MWB-23(S)) are located hydraulically downgradient of MWB-34(S) and were selected to provide an indication of the extent of impacts to the shallow groundwater. Monitoring wells MWB-34(S), MWB-14(S), MWB-23(S), and MWB-2(S) were sampled for the parameters listed in Attachment 2 of the permit along with anions, cations, and other indicator parameters to help evaluate the source of the vinyl chloride. In addition, split samples from monitoring wells MWB-34(S), MWB-14(S), MWB-23(S), and MWB-2(S) were collected during the July 2003 event and submitted to Severn Trent Laboratories, Inc. (STL) of Denver, Colorado for analysis.

The following points summarize the attached analytical results from the sampling event:

- The iron concentrations reported for the groundwater samples collected at MWB-2(I), MWB-3(S), MWB-3(I), MWB-7(I), MWB-11(S), MWB-11(I), MWB-11(IR), MWB-12(I), MWB-12(D), MWB-13(S), MWB-13(I), MWB-17(I), MWB-17(D), MWB-19(S), MWB-19(I), MWB-19(D), MWB-20(S), MWB-21(S), MWB-23S, 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(S), MWB-34(I), and MWB-34(D) were above the Florida Secondary Drinking Water Standard (FSDWS). 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. We note that dissolved iron concentrations for MWB-32(S) were below the FSDWS.

- 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(I), MWB-11(IR), MWB-12(S), MWB-12(I), MWB-13(S), MWB-13(I), MWB-14S, 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-23(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 FSDWS specified range of 6.5–8.5 su. Based on historical data, such pH levels are characteristic of the site.

- Beryllium (total) was detected above the Florida Primary Drinking Water Standard (FPDWS) of 0.004 mg/L in MWB-11(I). However, the filtered sample from this location indicated the concentration of beryllium was below the FPDWS. As in the previous sampling events, turbidity continued to be high at this location. As you are aware, this well has been redeveloped several times in an attempt to reduce turbidity. We believe that the cause of the turbidity is formational and that it cannot be prevented. Beryllium concentrations in the adjacent replacement well MWB-11(I)R were less than the FPDWS and were consistent with background concentrations. As in the previous sampling events, turbidity continued to be high at this location. It has been recommended in the most recent application for permit renewal that monitoring well MWB-11(I) be abandoned and permanently replaced with monitoring well MWB-11(I)R, which typically produces less turbid samples.

- Lead (total) was detected above the FPDWS of 0.015 mg/L in MWB-11(I) and MWB-32(I). However, the filtered samples from these locations indicated the concentration of lead was below the FPDWS. As in the previous sampling events, turbidity continued to be high at MWB-11(I). As you are aware, MWB-11(I) has been redeveloped several times in an attempt to reduce turbidity. We believe that the cause of the turbidity is formational and that it cannot be prevented. Lead concentrations in adjacent replacement well MWB-11(I)R were below the FPDWS. It has been recommended in the most recent application for permit renewal that monitoring well MWB-11(I) be abandoned and permanently replaced with monitoring well MWB-11(I)R, which typically produces less turbid samples.

- Vanadium (total) was detected above the Florida Groundwater Guidance Concentration Limit (FGWGCL) of 0.049 mg/L in MWB-11(I). However, the filtered samples indicated the concentrations of vanadium were below the guidance concentration. As in the previous sampling events and as discussed above, turbidity continued to be high at MWB-11(I). We believe that the cause of the turbidity is formational and that it cannot be prevented. Vanadium concentrations in adjacent replacement well MWB-11(I)R were below the FGWGCL. It has been recommended in the most recent application for permit renewal that monitoring well MWB-11(I) be abandoned and permanently replaced with monitoring well MWB-11(I)R, which typically produces less turbid samples.

- In the samples analyzed by AEL, vinyl chloride was reported as 0.74i µg/L in MW-34(S) which is below the FPDWS. The "i" qualifier indicates that the reported value fell between the laboratory method detection limit and the laboratory practical quantitation limit.

  In the split samples analyzed by STL, vinyl chloride was reported above its FPDWS of 1 µg/L in MWB-34(S) with a detection of 2 µg/L reported. We note that there were no other VOCs reported in the samples analyzed by STL. Additional discussion of the detection of vinyl chloride in MWB-34(S), its suspected source, and the recommended future actions is included at the end of this report.

- AEL reported the detection of other volatile organic compounds (VOCs) including acetone, methyl ethyl ketone, and tetrachloroethene in a number of samples from sample set J033705. None of these constituents detected by AEL were at concentrations above regulatory standards. Furthermore, none of the wells with these detections had historical VOC detections. A review of data found that AEL reported tetrachloroethene at a concentration of 39 µg/L in the method blank. A subsequent check by AEL indicated that these detections were, in fact, the result of laboratory cross-contamination (see letter from AEL dated September 11, 2003 in the attached section entitled "Trail Ridge Landfill, Groundwater Monitoring Data, Laboratory Reports"). Based on the laboratory response, we believe the VOC detections in that sample set are clearly a result of laboratory contamination.

- 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 lead and pH were exceeded and in SW-2, the regulatory standards for iron, lead, mercury, selenium, and pH were 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. Given that SW-2 is located in an east-west trending drainage feature, approximately 500 feet north of the landfill (north-northeast of monitoring well cluster MWB-17) it is considered a "background" surface water sampling location because it does not receive run-off directly from the landfill area. 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.

- No exceedances of regulatory standards (40 CFR Part 261) were noted in the leachate samples collected for TCLP analysis.

Vinyl Chloride in MWB-34(S)

As requested by the Department, Trail Ridge Landfill, Inc. has included the additional analytical results from downgradient compliance wells (MWB-14(S) and MWB-23(S)), the affected well (MWB-34(S)), and a background well (MWB-2(S)) in this report. As noted above, vinyl chloride has been detected above its FPDWS in monitoring well MWB-34(S) in January 2003, April 2003, and July 2003 (in the split sample only). As outlined in our letter to FDEP dated July 16, 2003 our initial impression was that the most likely source of vinyl chloride in MWB-34(S) was not leachate.

In June 2003, the waste containment berm within the lined portion of the landfill, immediately to the west of monitoring well MWB-34(S), was inspected by site personnel who noted that the surface of the interior ditch was moist when other portions of the ditch had dried out following recent rains. Further investigation identified the source of the moisture in the ditch invert as a leak in the 4-inch diameter, in-refuse, leachate force main that leads from the nearby primary sump to the leachate storage tanks. The location of the leak was approximately 50 feet north of MWB-34(S). The nature of the leak was a small (approximately 0.5-inch long) lateral cut in the 4-inch diameter HDPE pipe. The exact cause of the lateral cut could not be determined. On June 18, 2003 Waste Energy Technologies of Fort Walton Beach, Florida repaired and pressure-tested the line.

Based on these observations, we now believe that the source of vinyl chloride detection in MWB-34(S) may have been the result of a leachate seep created as a result of the hole in the leachate pipe diluted by excessive rain. During periods of intense rain, the diluted leachate seep could have reached the perimeter ditch that MWB-34(S) is located next to and infiltrated to the ground. This scenario is supported by the historical groundwater quality data in MWB-34(S) that show an increase in the concentrations of chlorides, sodium, and total dissolved solids (TDS) following the July 2002 sampling event (see attached plots). These same parameters, along with other cations and anions, are elevated relative to the background well MWB-2(S).

The results of the downgradient compliance well sampling show no evidence of impact to groundwater at the zone of discharge. VOCs were not detected in either compliance wells MWB-14(S) or MWB-23(S), which are located due east and directly across from the area where the force main was repaired. Levels of other indicator parameters (e.g. chloride, sodium, and TDS) in these two wells were consistent with background well MWB-2(S) as well as historical background results from the site.

Based on the repair of the leachate force main, the results of these data, including the decrease in vinyl chloride in well MWB-34(S) and observations, we believe the source has been mitigated and future concentrations will decrease to background levels. It is our recommendation that sampling of wells MWB-14(S) and MWB-23(S) continue until VOCs in monitoring well MWB-34(S) are consistently below the FPDWS. The facility will also continue with the routine inspections of the containment berm, interior drainage ditch, and the perimeter drainage ditch. In accordance with the Department's letter dated June 9, 2003, a contamination evaluation plan will be submitted by December 8, 2003, outlining the above activities in more detail, for department approval.

Should you have any questions concerning this report, please feel free to contact me at 289-9100.

Sincerely,

Greg Mathes
District Manager

Enclosures

cc: Chris Pearson w/attachments
Mark Behel w/o attachments

FN: g:\projects\993-2632\2003-07\2nd -2003.doc

Department of Environmental Protection

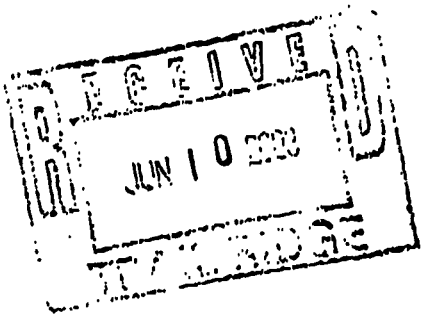
Jeb Bush
Governor

Northeast District
7825 Baymeadows Way, Suite B200
Jacksonville, Florida 32256-7590

David B. Struhs
Secretary

June 9,2003

Mr. Gregory Mathes
Director, Landfill Operations
Trail Ridge Landfill, Inc.
5110 U.S. Highway 301
Baldwin, Florida 32234



Dear Mr. Mathes:

Request Letter No. RL03-0623SW16NED
Trail Ridge Landfill
Duval County - Solid Waste

The groundwater monitoring report for the January sampling event, received in this office on January 31, and the resampling results, received May 30, have been reviewed. The reports indicate that vinyl chloride has been detected in detection well MW-34S above the primary standard.

Florida Administrative Code (FAC) Rule 62-701.510(7) and Specific Condition 26.m. of the permit for the facility requires that if groundwater shows an exceedance of standards or criteria, Evaluation Monitoring shall be implemented.

By September 19, 2003, the compliance well shall be installed downgradient from the affected detection well. Additionally, the background well, the affected detection well, and the compliance well shall be sampled and analyzed in accordance with FAC Rule 62-701.510(7) and the results submitted to this office.

By December 8, 2003, a contamination evaluation plan should be prepared and submitted to this office for approval.

If you have questions concerning the issues addressed in this letter, please contact me at the letterhead address or telephone number 904.807.3366.

Sincerely,

Sally B. Heuer
Environmental Specialist

SBH:ml

cc: L. Chris Pearson

TRAIL RIDGE LANDFILL, INC.
5110 U.S. Highway 301 South
Baldwin, FL 32234-3608
(904) 289-9100
(904) 289-9013 Fax

Via UPS Next Day Air

July 16, 2003

Ms. Sally Heuer
Solid Waste Section
Florida Department of Environmental Protection
7825 Bay Meadows Way, Suite B200
Jacksonville, FL 32256

RE: Sampling Update
Trail Ridge Landfill
I.D. Number GMS3116PO2787
Permit # 0013493-002-SC

Dear Sally,

This letter serves as a status update for the groundwater sampling at Trail Ridge Landfill. Your letter dated June 9, 2003 instructed the facility to begin evaluation monitoring and install a compliance monitoring well down gradient to Well MW-34S. Two compliance wells (14S and 23S) were already in place and listed in the permit as compliance monitoring wells. Well MW-34S, the two compliance wells, and background well MW-2S were all sampled on July 1, 2003 for the routing monitoring parameters, Appendix II constituents, and some additional indicator parameters. Trail Ridge will use the additional indicator parameters in the evaluation process to clarify of the source of the vinyl chloride. Currently there are at least three potential sources; one is landfill gas, another is lab error and a third is landfill leachate.

If this approach does not meet the Department's requirements or if you need additional information or have questions, please feel free to call me at 904-289-7792.

Sincerely,

Mark H. Behel

Mark H. Behel, P.E.
N. Florida Environmental Compliance Manager

C: Chris Pearson

Advanced
Environmental Laboratories, Inc.

6601 Southpoint Parkway
Jacksonville, FL 32216
(904) 363-9350
(Fax) (904) 363-9354

September 11, 2003

Trail Ridge Landfill, Inc.
5110 U.S. Highway 301
Baldwin, FL 32234

Attention: Linda Hair

RE: Corrective Actions for Data Reported for the Volatile Organics Compounds in AEL Project # J033705.

In light of the situations described in the case narrative, AEL has implemented some corrective actions to ensure the situation described does not occur for any future report and the highest quality of analytical results will be reported to all clients.

1. The method blank will be analyzed in a different order of the analytical sequence to limit the possibility of carryover contamination from a previous sample. This would have eliminated the possibility of reporting a method blank with an erroneously high value of a compound.
2. In the future, all samples with any possibility of contamination – either lab or carryover contamination will be reanalyzed regardless of whether they are above or below the MCL, to make sure that only the most accurate, legitimate concentrations are reported for every parameter.
3. A more thorough review process by the project manager will be implemented for all future projects, possibly including detailed case narratives for any discrepancies found, if warranted. This will be facilitated by creating a query to obtain all detected values in the report and verify their accuracy before approving the final report.
4. The documentation of what transpires with each sample in house will be more thorough and reviewed more closely by upper management to ensure nothing blatantly wrong is overlooked and reported to the client. This will include a non-conformity process where any deviation from normal procedures will require a signature of approval from either the Technical Director or Quality Assurance Officer. This will eliminate any decision affecting data validity being made by the analysts and project managers without approval form upper management.
5. The QA Officer will review a higher percentage of projects before releasing the data to the clients to perform quality checks on the data being reported for accuracy and validity.

AEL sincerely regrets the errors that occurred in the report submitted. An amended report will be provided with the V qualifier being added to the tetrachloroethene concentrations to signify the values are not actual concentrations in the samples. The case narrative will be

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included in the amended report as well. With the corrective actions detailed above, it is the belief of AEL that these types of errors can be avoided in the future.

If there are any questions, or any further information is required, please let me know and I will be glad to be of any assistance needed.

Sincerely,

Sean C. Hyde

Digitally signed by Sean C. Hyde
DN: cn=Sean C. Hyde, o=Advanced Environmental Labs, Inc., ou=Laboratory Manager, c=US
Date: 2002.09.12 10:03:58 -04'00'

Signature Not Verified

Sean C. Hyde
Technical Director
Advanced Environmental Laboratories, Inc.

Advanced
Environmental Laboratories, Inc.

6601 Southpoint Parkway
Jacksonville, Florida 32216
(904) 363-9350
FAX (904) 363-9354

Laboratory Project No./SDG#: **J033705**

Client Name: Trail Rdge Landfill,Inc.

Project ID: Trail Ridge GW

I. RECEIPT

No Exceptions were encountered.

II. HOLDING TIMES

Preparation. All holding times were met.

Analysis. All holding times were met.

III. METHOD

Analysis: SW8260B

Preparation: SW5030B

IV. PREPARATION

Sample preparation proceeded normally.

V. ANALYSIS

A. Calibration All acceptance criteria were met. The following compounds utilized the alternate initial calibration criteria, as defined by the method; chloroethane, acetone, bromoform, and iodomethane. Those compounds are qualified with an 'AIC' qualifier on the report.

B. Blanks: For analytical batch V070103A, the method blank that was reported had a carryover contamination for tetrachloroethene that was a direct result of the client sample analyzed before it, which was extremely high in its concentration of tetrachloroethene. The result of 39 ug/L reported was not an accurate value of what was in the method blank as a result. The instrument blank should have been reported as a truer identifier of the actual concentration. This problem was identified by the analysts, but it was not corrected within the LIMS system. The samples in this analytical batch should have been qualified with a 'V' qualifier to signify there was carryover contamination in the method blank, which was sustained throughout the entire analytical run. This batch contained samples J033705-1 through J033705-11.
For analytical batch V070203A, the method blank still exhibited low-level contamination at a level of 0.95 ug/L for tetrachloroethene. This was still a direct result of the high concentration of analyte from the sample analyzed in the above mentioned analytical batch.
In light of the low level contamination present throughout the analytical runs, the concentrations reported for tetrachloroethene in all of the samples are not actual concentrations in the sample, but rather are due to carryover contamination present in the purge and trap system of the instrument.
For both analytical batches above, there were low-level concentrations of acetone present in most of the samples. The levels reported are consistent with the background levels present in the laboratory due to the fact acetone is a commonly used lab solvent. The method blanks did not detect any concentrations of acetone for the batches in questions, but based upon historical numbers of acetone throughout the laboratory, any concentration under 10ug/L should be viewed as suspect to lab contamination and not an actual concentration in the sample.

C. Surrogates: All acceptance criteria were met except for 4-Bromofluorobenzene on J033075-21, which was 116% - the upper control limit is 115%. Since there were no detected concentrations in this sample, the data was accepted.

D. Spikes: All acceptance criteria were met. For batch V070103A, the tetrachloroethene in the sample spiked was greater than 4 times the spike amount, so the recovery for the matrix spikes were not calculated for tetrachloroethene and no qualifiers were applied. For batch V070203A, all acceptance criteria were met.

E. Internal Standard All acceptance criteria were met.

F. Samples: The samples were analyzed with a batch of samples from another client project that were high in concentrations of tetrachloroethene. This affected all of the results reported for positive concentrations of tetrachlorethene in the samples in this project, as described above. All of the values reported are less than the MCL of 3 ug/L for tetrachloroethene in ground water, but are not actual concentrations in the samples due to the carryover contamination mentioned above.

G. Other: Due to the errors that were present in the reporting of the volatile organics that occurred with this report, AEL has implemented corrective actions to ensure this type of situation does not occur in the future. The corrective action report is in a separate report attached to this case narrative.

Advanced
Environmental Laboratories, Inc.

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(904) 363-9350
FAX (904) 363-9354

I certify that this data package is in compliance with the terms and conditions agreed to by Advanced Environmental Laboratories, Inc. and by the client, both technically and for completeness, except for the conditions detailed above. The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hard copy data package and in the computer-readable data submitted on diskette:

Sean C. Hyde

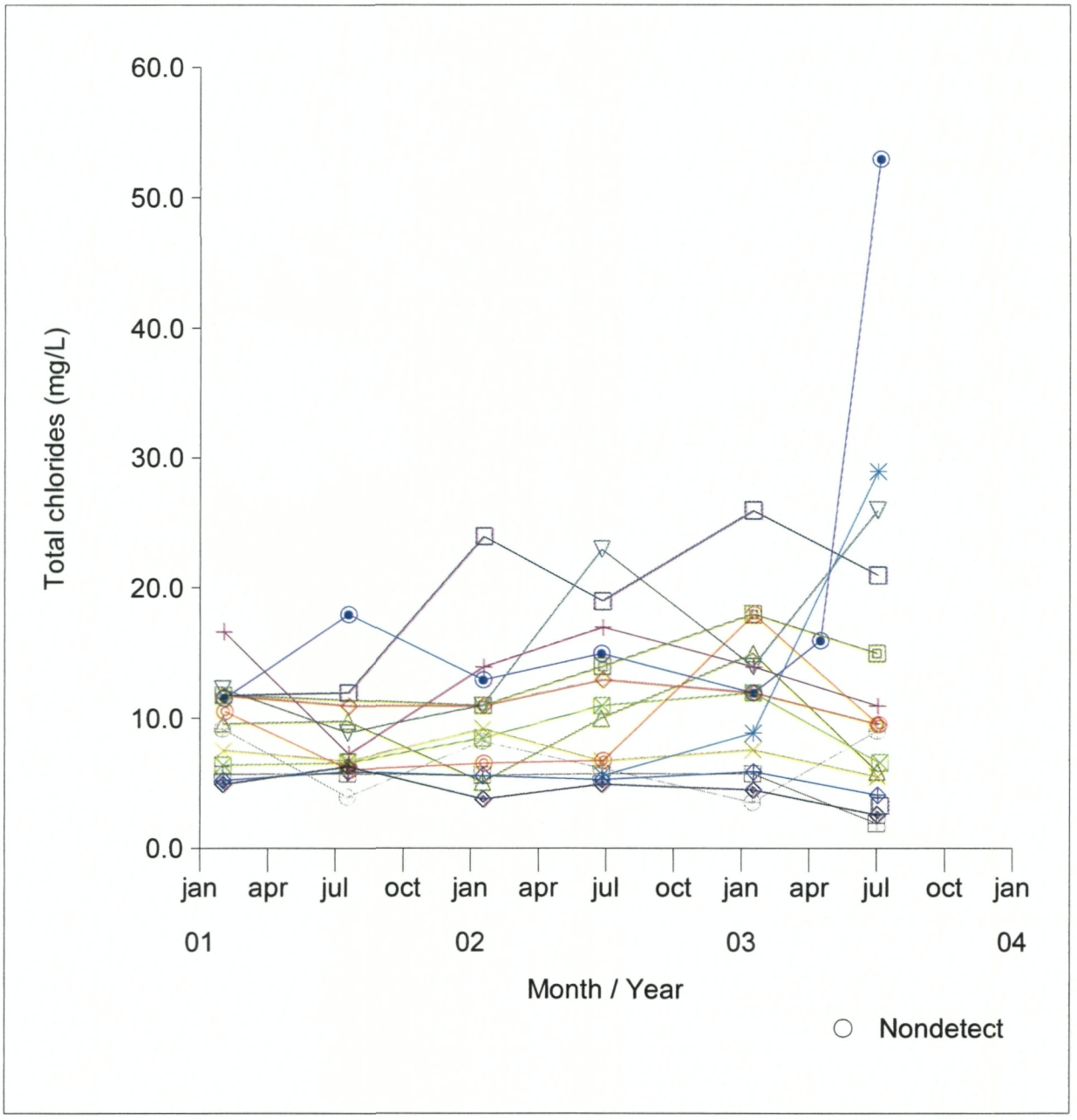
Signature Not Verified

Digitally signed by Sean C. Hyde
DN: cn=Sean C. Hyde, o=Advanced Environmental Labs, Inc., ou=Laboratory Manager, c=US
Date: 2002.09.12 10:05:31 -04'00'

Sean C. Hyde, Technical Director

Landfill Data Analysis

Time Series Plot for Total chlorides

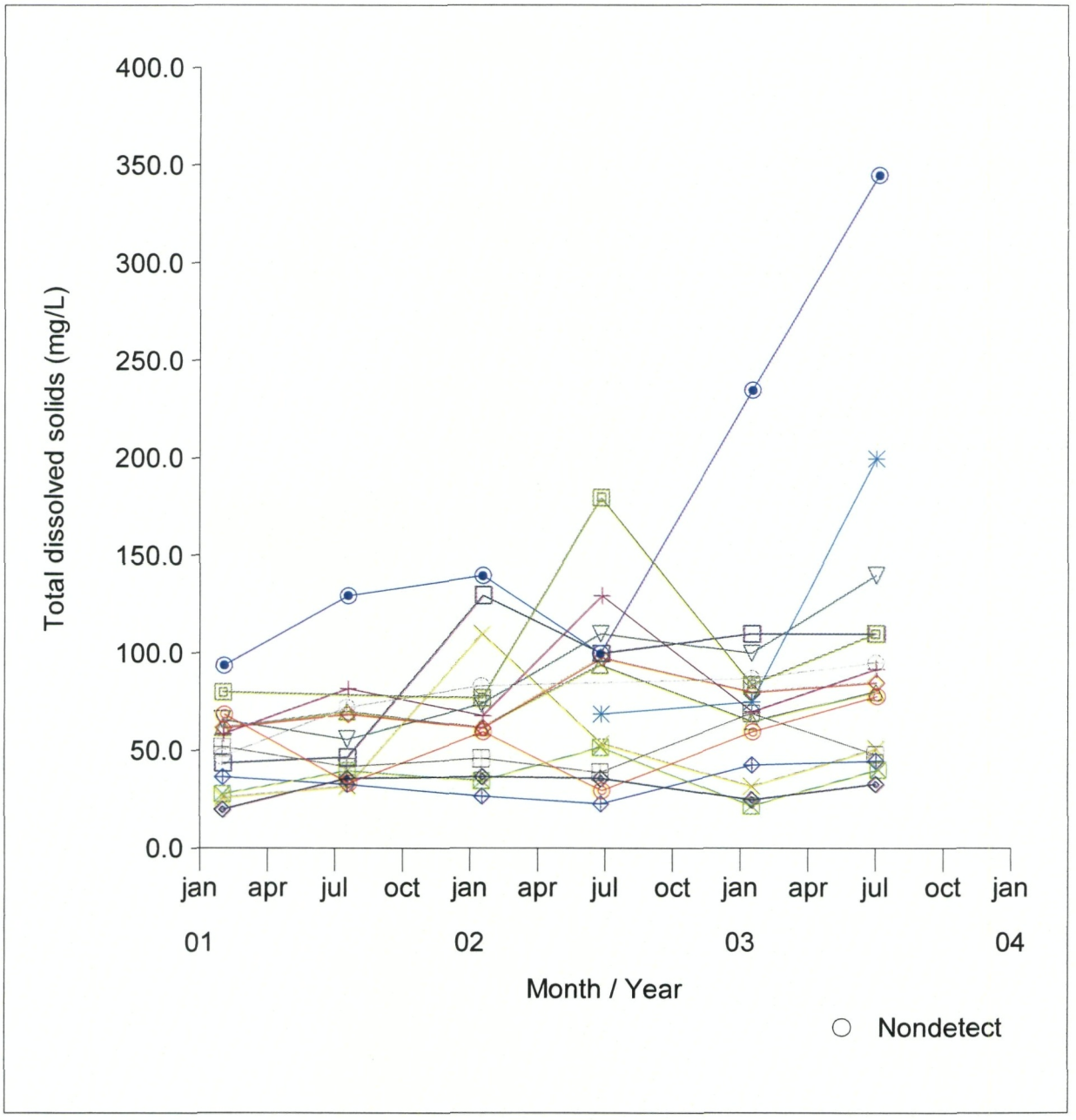


MWB23S	MWB20S	MWB2S	MWB7S
MWB11S	MWB21S	MWB32S	
MWB12S	MWB22S	MWB33S	
MWB13S	MWB27S	MWB34S	
MWB19S	MWB29S	MWB3S	

Prepared by: Waste Management, Inc.

Landfill Data Analysis

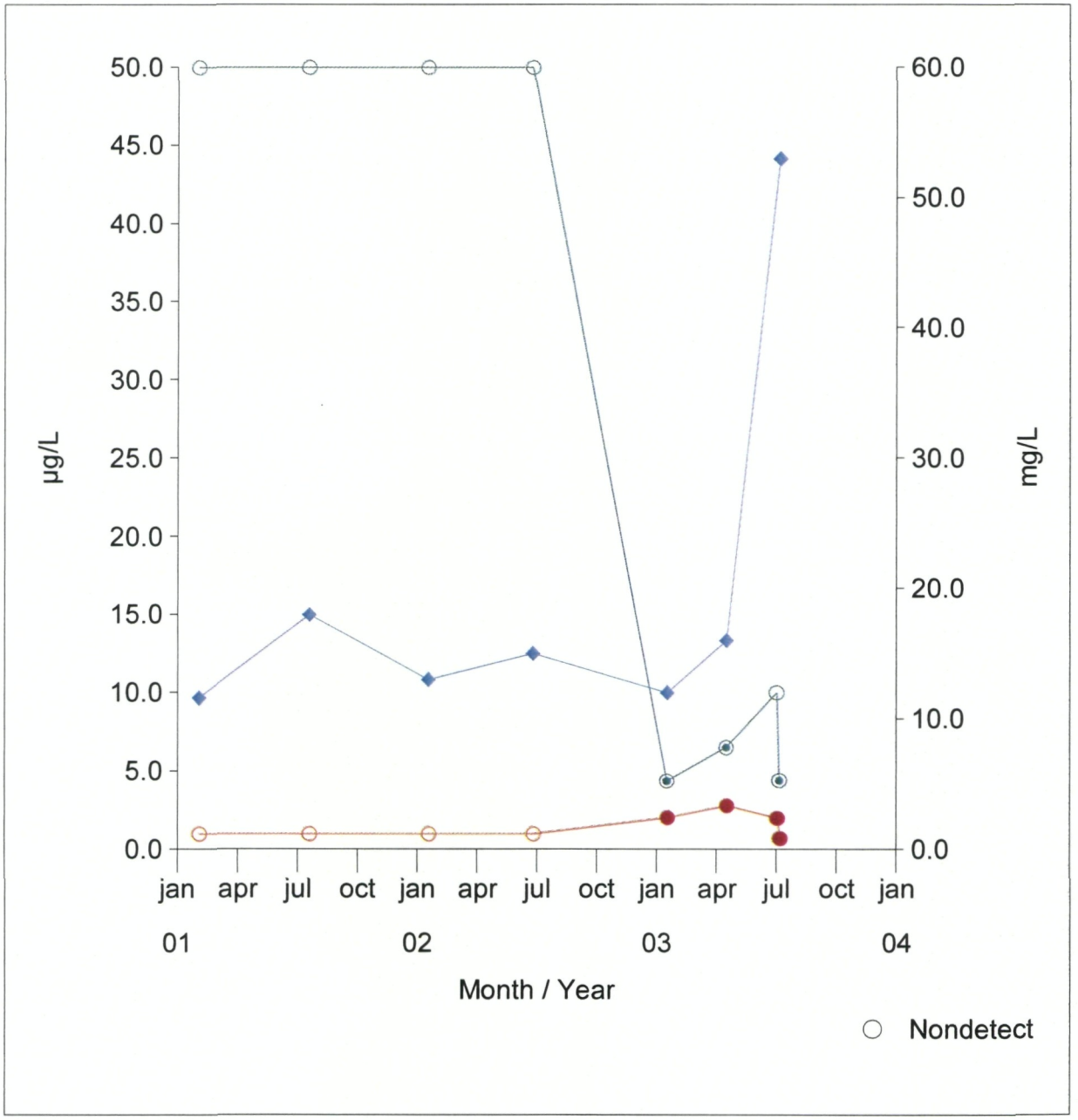
Time Series Plot for Total dissolved solids



Prepared by: Waste Management, Inc.

Landfill Data Analysis

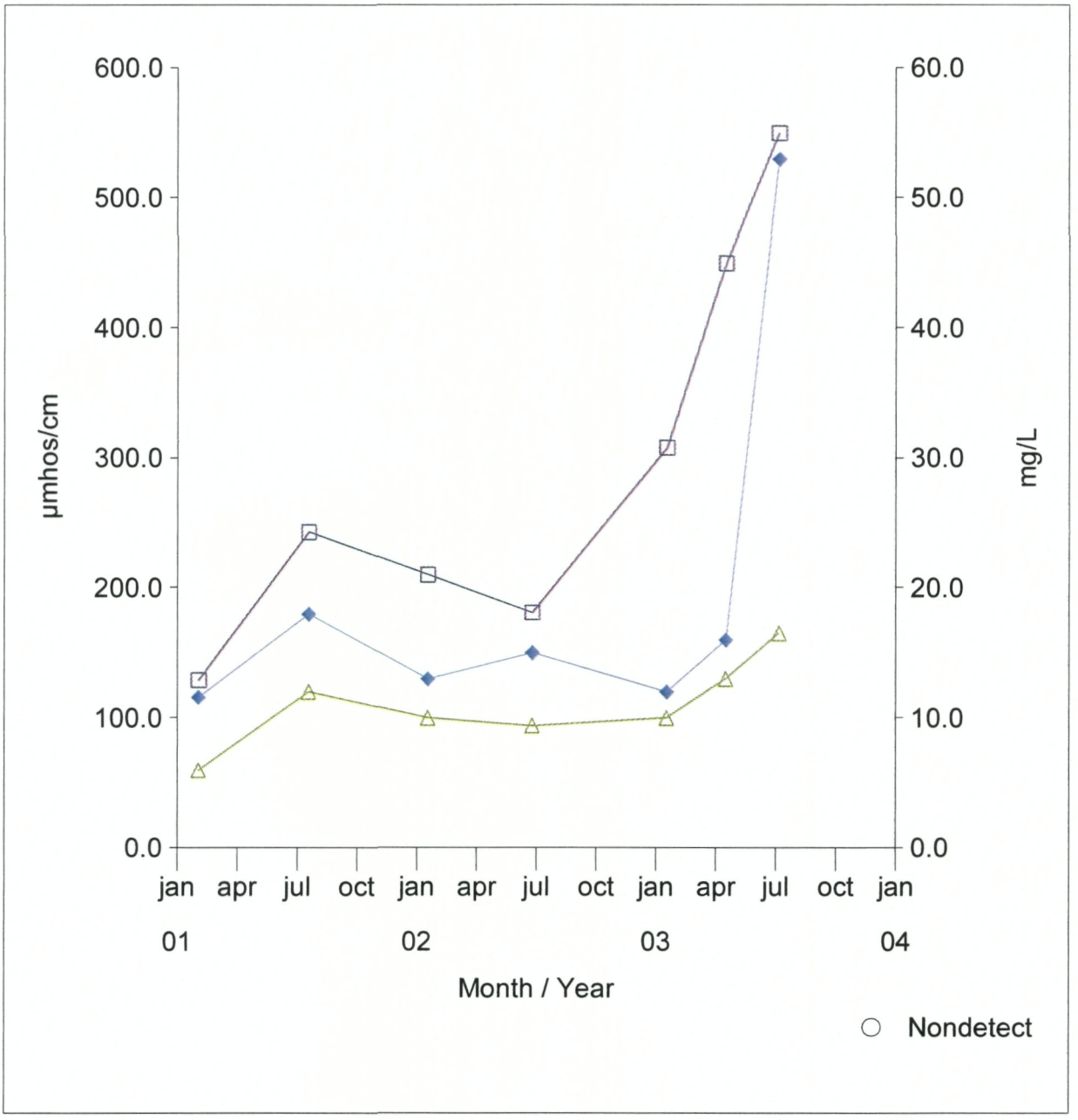
Time Series Plot for MWB34S



Prepared by: Waste Management, Inc.

Landfill Data Analysis

Time Series Plot for MWB34S



Prepared by: Waste Management, Inc.

TRAIL RIDGE LANDFILL

GROUNDWATER MONITORING REPORT (FDEP FORM)

DEP Form # 62-522.900(2)

Form Title Ground Water Monitoring Report

Effective Date

DEP Application No.

Florida Department of Environmental Protection

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

GROUND WATER MONITORING REPORT

Rule 62-522.600(11)

PART I GENERAL INFORMATION

(1) Facility Name TRAIL RIDGE LANDFILL

Address 5110 U.S. Highway 301, South

City BALDWIN Zip 32234-3608

Telephone Number (904) 289-9100

(2) The GMS Identification Number 3116PO2787

(3) DEP Permit Number 0013493-002-SC

(4) Authorized Representative Name GREG MATHES

Address 5110 U.S. HIGHWAY 301, SOUTH

City BALDWIN Zip 32234-3608

Telephone Number (904) 289-9100

(5) Type of Discharge NONE

(6) Method of Discharge

Certification

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

Date: 9/19/2003 GREG MATHES, DISTRICT MANAGER

Signature of Owner or Authorized Representative

PART II QUALITY ASSURANCE REQUIREMENTS

Sample Organization Comp QAP # 880633G

Analytical Lab Comp QAP # /HRS Certification #

*Comp QAP # /HRS Certification #

Lab Name ADVANCED ENVIRONMENTAL LABORATORIES, INC.

Address 6601 SOUTHPOINT PARKWAY, JACKSONVILLE, FLORIDA 32216

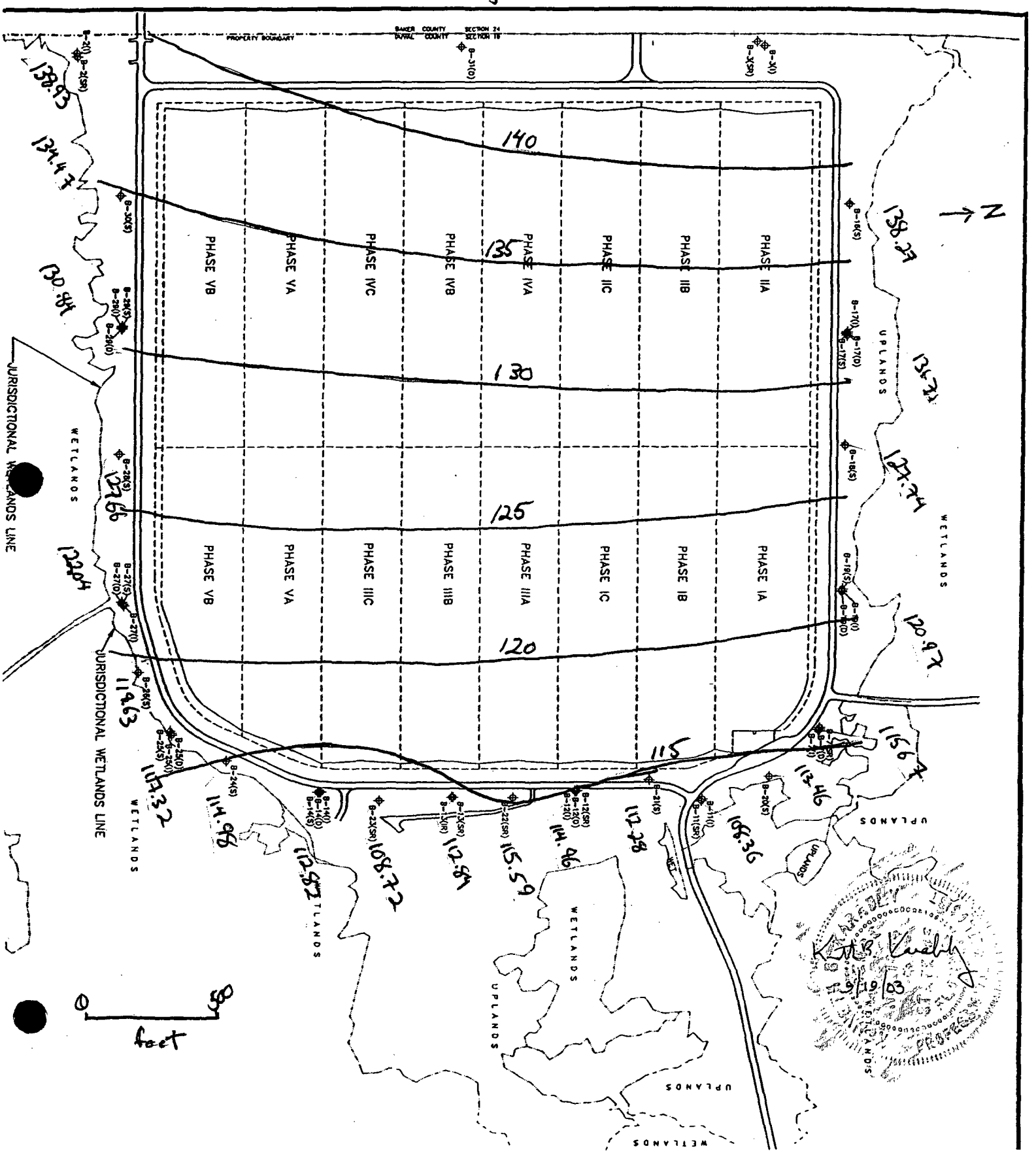
Phone Number (904) 363-9350

TRAIL RIDGE LANDFILL
POTENTIOMETRIC MAPS

TRAIL RIDGE LANDFILL

Shallow Interval

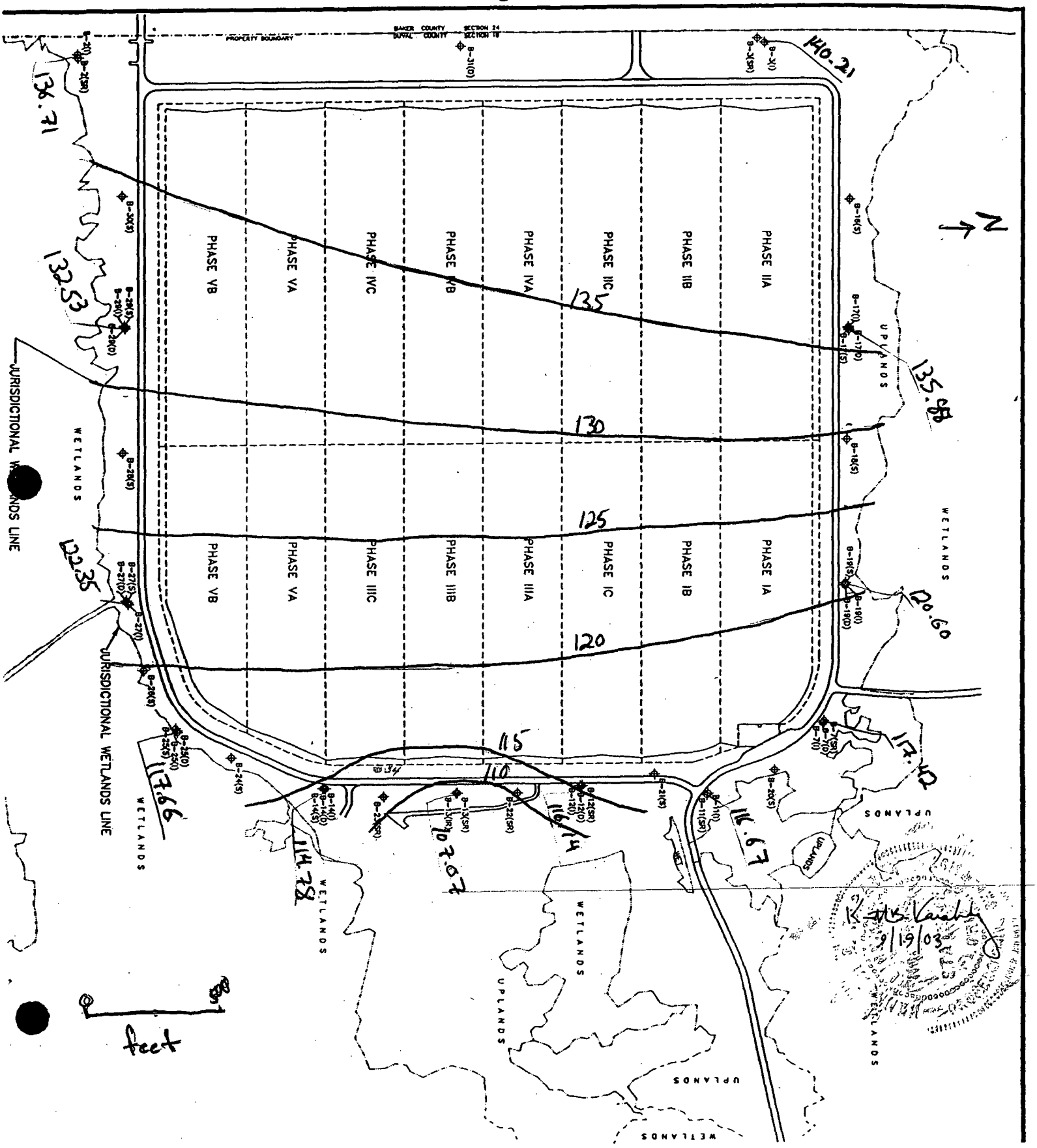
July 1, 2003



TRAIL RIDGE LANDFILL

Intermediate Interval

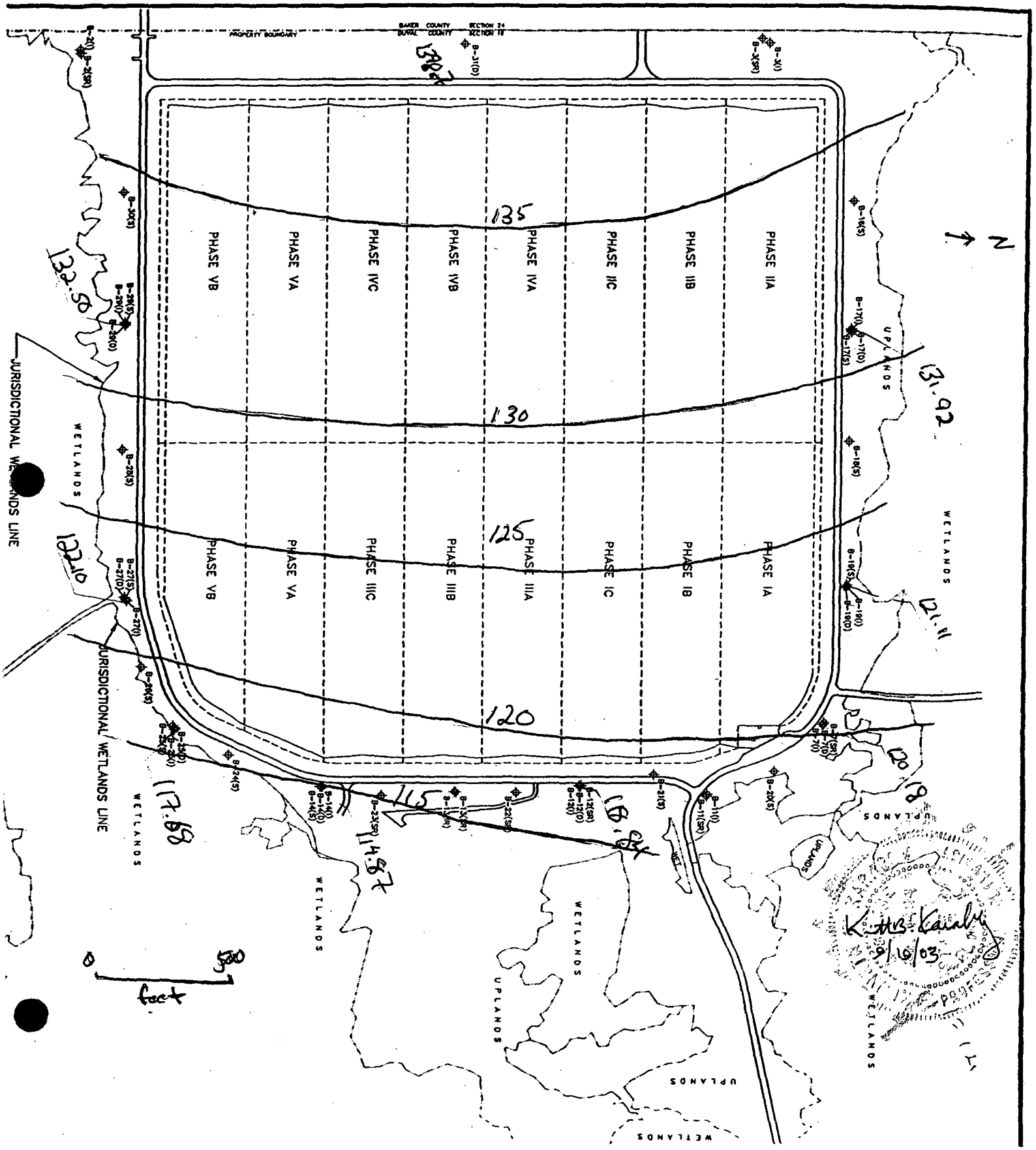
July 1, 2003



TRAIL RIDGE LANDFILL

Deep Interval

July 1, 2003



TRAIL RIDGE LANDFILL
GROUNDWATER MONITORING DATA

BACKGROUND WELL CLUSTERS

MWB-2(S) – See Appendix II Results
MWB-2(I)
MWB-3(S)
MWB-3(I)
MWB-31(D)

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

[redacted]Name: MWB-2I

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 136.71

Lab Code: J033705-02

Sampling Date/Time 7/1/2003 10:47:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
NA	Color/Sheen	Pump	N	lor/Sheen Field Meth	7/1/2003 10:47:0	None		N/A	Field
NA	Conductivity	Pump	N	Field	7/1/2003 10:47:0	35	µmhos/cm	N/A	Field
NA	Dissolved Oxygen	Pump	N	Field	7/1/2003 10:47:0	1.1	mg/L O2	N/A	Field
00400	pH (Field)	Pump	N	Field	7/1/2003 10:47:0	4.83	pH Units	N/A	Field
NA	Temperature	Pump	N	Field	7/1/2003 10:47:0	22	°C	N/A	Field
NA	Turbidity	Pump	N	Field	7/1/2003 10:47:0	3.1	NTU	N/A	Field
70300	Total Dissolved Solids	Pump	N	E160.1	7/8/2003 07:30:0	37	mg/L	10	4 degrees C
00940	Total Chlorides	Pump	N	E325.2	7/1/703 10:50:00	4.6	mg/L	0.50	4 degrees C
NA	Ammonia (as N)	Pump	N	E350.1	7/8/2003 13:15:0	0.22	mg/L	0.020	Sulfuric Acid
00620	Nitrate (as N)	Pump	N	SM4500NO3-F	7/2/2003 09:47:0	< 0.13	mg/L	0.13	4 degrees C
01002	Arsenic	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0016	mg/L	0.0016	Nitric Acid
01007	Barium	Pump	N	SW6010B	7/2/2003 20:19:0	0.019	mg/L	0.00076	Nitric Acid
01012	Beryllium	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.000059	mg/L	0.000059	Nitric Acid
01027	Cadmium	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00036	mg/L	0.00036	Nitric Acid
01034	Chromium	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0010	mg/L	0.0010	Nitric Acid
01037	Cobalt	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00025	mg/L	0.00025	Nitric Acid
01042	Copper	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0011	mg/L	0.0011	Nitric Acid
[redacted]	Iron	Pump	N	SW6010B	7/2/2003 20:19:0	0.33	mg/L	0.019	Nitric Acid
[redacted]	Lead	Pump	N	SW6010B	7/2/2003 20:19:0	0.0011	mg/L	0.00091	Nitric Acid
01067	Nickel	Pump	N	SW6010B	7/2/2003 20:19:0	0.0036	mg/L	0.00085	Nitric Acid
01147	Selenium	Pump	N	SW6010B	7/2/2003 20:19:0	0.0091	mg/L	0.0022	Nitric Acid
01077	Silver	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00017	mg/L	0.00017	Nitric Acid
00929	Sodium	Pump	N	SW6010B	7/2/2003 20:19:0	3.8	mg/L	0.049	Nitric Acid
01087	Vanadium	Pump	N	SW6010B	7/2/2003 20:19:0	0.00040	mg/L	0.00016	Nitric Acid
01092	Zinc	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0025	mg/L	0.0025	Nitric Acid
01097	Antimony	Pump	N	SW7041A	7/8/2003 07:37:0	< 0.0034	mg/L	0.0034	Nitric Acid
71900	Mercury	Pump	N	SW7470A	7/8/2003 10:29:0	< 0.000018	mg/L	0.000018	Nitric Acid
01087	Thallium	Pump	N	SW7841	7/2/2003 16:14:0	< 0.00098	mg/L	0.00098	Nitric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	E504.1	7/11/2003 19:13:	< 0.0034	ug/L	0.0034	4 degrees C
NA	Ethylene Dibromide	Pump	N	E504.1	7/11/2003 19:13:	< 0.0069	ug/L	0.0069	4 degrees C
77562	1,1,1,2-Tetrachloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.27	ug/L	0.27	Hydrochloric Acid
64506	1,1,1-Trichloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34516	1,1,2,2-Tetrachloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.19	ug/L	0.19	Hydrochloric Acid
34511	1,1,2-Trichloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34496	1,1-Dichloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34501	1,1-Dichloroethene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77443	1,2,3-Trichloropropane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.33	ug/L	0.33	Hydrochloric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.55	ug/L	0.55	Hydrochloric Acid
NA	1,2-Dibromoethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34536	1,2-Dichlorobenzene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.28	ug/L	0.28	Hydrochloric Acid
34531	1,2-Dichloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34541	1,2-Dichloropropane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	1,3-Dichloropropene (Total)	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.52	ug/L	0.52	Hydrochloric Acid
34571	1,4-Dichlorobenzene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.30	ug/L	0.30	Hydrochloric Acid
[redacted]	2-Hexanone (MBK)	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	4-Methyl-2-pentanone (MIBK)	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.35	ug/L	0.35	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

Name: MWB-2I

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 136.71

Lab Code: J033705-02

Sampling Date/Time 7/1/2003 10:47:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type: ( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
81552	Acetone	Pump	N	SW8260B	7/1/2003 19:04:0	2.2	ug/L	0.71	Hydrochloric Acid
34215	Acrylonitrile	Pump	N	SW8260B	7/1/2003 19:04:0	< 1.6	ug/L	1.6	Hydrochloric Acid
34030	Benzene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.30	ug/L	0.30	Hydrochloric Acid
73085	Bromochloromethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.39	ug/L	0.39	Hydrochloric Acid
32101	Bromodichloromethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.29	ug/L	0.29	Hydrochloric Acid
32104	Bromoform	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34413	Bromomethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.47	ug/L	0.47	Hydrochloric Acid
77041	Carbon Disulfide	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.41	ug/L	0.41	Hydrochloric Acid
32102	Carbon Tetrachloride	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34301	Chlorobenzene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.31	ug/L	0.31	Hydrochloric Acid
31311	Chloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.47	ug/L	0.47	Hydrochloric Acid
32106	Chloroform	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.41	ug/L	0.41	Hydrochloric Acid
34418	Chloromethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.43	ug/L	0.43	Hydrochloric Acid
77093	Cis-1,2-dichloroethene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34704	Cis-1,3-dichloropropene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.27	ug/L	0.27	Hydrochloric Acid
32105	Dibromochloromethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
NA	Dibromomethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.34	ug/L	0.34	Hydrochloric Acid
[redacted]	Ethylbenzene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.27	ug/L	0.27	Hydrochloric Acid
[redacted]	Iodomethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.40	ug/L	0.40	Hydrochloric Acid
NA	Methyl ethyl ketone	Pump	N	SW8260B	7/1/2003 19:04:0	2.4	ug/L	0.25	Hydrochloric Acid
34423	Methylene Chloride	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.21	ug/L	0.21	Hydrochloric Acid
77128	Styrene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34475	Tetrachloroethene	Pump	N	SW8260B	7/1/2003 19:04:0	2.2	ug/L	0.43	Hydrochloric Acid
78131	Toluene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.29	ug/L	0.29	Hydrochloric Acid
34546	Trans-1,2-dichloroethene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.50	ug/L	0.50	Hydrochloric Acid
34699	Trans-1,3-dichloropropene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
77268	Trans-1,4-dichloro-2-butene	Pump	N	SW8260B	7/1/2003 19:04:0	1.3	ug/L	0.52	Hydrochloric Acid
39180	Trichloroethene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.43	ug/L	0.43	Hydrochloric Acid
34488	Trichlorofluoromethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77057	Vinyl Acetate	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.31	ug/L	0.31	Hydrochloric Acid
39175	Vinyl Chloride	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.49	ug/L	0.49	Hydrochloric Acid
81551	Xylenes (Total)	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.86	ug/L	0.86	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#: [redacted]

Well Name: MWB-3S

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 146.18

Lab Code: J033705-04

Sampling Date/Time 7/1/2003 09:41:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type: ( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
NA	Color/Sheen	Pump	N	lor/Sheen Field Meth	7/1/2003 09:41:0	None		N/A	Field
NA	Conductivity	Pump	N	Field	7/1/2003 09:41:0	45	µmhos/cm	N/A	Field
NA	Dissolved Oxygen	Pump	N	Field	7/1/2003 09:41:0	1.5	mg/L O2	N/A	Field
00400	pH (Field)	Pump	N	Field	7/1/2003 09:41:0	4.77	pH Units	N/A	Field
NA	Temperature	Pump	N	Field	7/1/2003 09:41:0	22	°C	N/A	Field
NA	Turbidity	Pump	N	Field	7/1/2003 09:41:0	3.5	NTU	N/A	Field
70300	Total Dissolved Solids	Pump	N	E160.1	7/8/2003 07:30:0	33	mg/L	10	4 degrees C
00940	Total Chlorides	Pump	N	E325.2	7/1/703 10:50:00	2.6	mg/L	0.50	4 degrees C
NA	Ammonia (as N)	Pump	N	E350.1	7/8/2003 13:15:0	0.16	mg/L	0.020	Sulfuric Acid
00620	Nitrate (as N)	Pump	N	SM4500NO3-F	7/2/2003 09:47:0	< 0.13	mg/L	0.13	4 degrees C
01002	Arsenic	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0016	mg/L	0.0016	Nitric Acid
01007	Barium	Pump	N	SW6010B	7/2/2003 20:19:0	0.011	mg/L	0.00076	Nitric Acid
01012	Beryllium	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.000059	mg/L	0.000059	Nitric Acid
01027	Cadmium	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00036	mg/L	0.00036	Nitric Acid
01034	Chromium	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0010	mg/L	0.0010	Nitric Acid
01037	Cobalt	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00025	mg/L	0.00025	Nitric Acid
01042	Copper	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0011	mg/L	0.0011	Nitric Acid
[redacted]	Iron	Pump	N	SW6010B	7/2/2003 20:19:0	0.57	mg/L	0.019	Nitric Acid
[redacted]	Lead	Pump	N	SW6010B	7/2/2003 20:19:0	0.0020	mg/L	0.00091	Nitric Acid
01067	Nickel	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00085	mg/L	0.00085	Nitric Acid
01147	Selenium	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0022	mg/L	0.0022	Nitric Acid
01077	Silver	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00017	mg/L	0.00017	Nitric Acid
00929	Sodium	Pump	N	SW6010B	7/2/2003 20:19:0	2.3	mg/L	0.049	Nitric Acid
01087	Vanadium	Pump	N	SW6010B	7/2/2003 20:19:0	0.00080	mg/L	0.00016	Nitric Acid
01092	Zinc	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0025	mg/L	0.0025	Nitric Acid
01097	Antimony	Pump	N	SW7041A	7/8/2003 07:37:0	< 0.0034	mg/L	0.0034	Nitric Acid
71900	Mercury	Pump	N	SW7470A	7/8/2003 10:29:0	< 0.000018	mg/L	0.000018	Nitric Acid
01087	Thallium	Pump	N	SW7841	7/2/2003 16:14:0	< 0.00098	mg/L	0.00098	Nitric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	E504.1	7/11/2003 19:13:	< 0.0034	ug/L	0.0034	4 degrees C
NA	Ethylene Dibromide	Pump	N	E504.1	7/11/2003 19:13:	< 0.0069	ug/L	0.0069	4 degrees C
77562	1,1,1,2-Tetrachloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.27	ug/L	0.27	Hydrochloric Acid
64506	1,1,1-Trichloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34516	1,1,2,2-Tetrachloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.19	ug/L	0.19	Hydrochloric Acid
34511	1,1,2-Trichloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34496	1,1-Dichloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34501	1,1-Dichloroethene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77443	1,2,3-Trichloropropane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.33	ug/L	0.33	Hydrochloric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.55	ug/L	0.55	Hydrochloric Acid
NA	1,2-Dibromoethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34536	1,2-Dichlorobenzene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.28	ug/L	0.28	Hydrochloric Acid
34531	1,2-Dichloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34541	1,2-Dichloropropane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	1,3-Dichloropropene (Total)	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.52	ug/L	0.52	Hydrochloric Acid
[redacted]	1,4-Dichlorobenzene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.30	ug/L	0.30	Hydrochloric Acid
[redacted]	2-Hexanone (MBK)	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	4-Methyl-2-pentanone (MIBK)	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.35	ug/L	0.35	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

Well Name: MWB-3S

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 146.18

Lab Code: J033705-04

Sampling Date/Time 7/1/2003 09:41:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
81552	Acetone	Pump	N	SW8260B	7/1/2003 19:04:0	2.6	ug/L	0.71	Hydrochloric Acid
34215	Acrylonitrile	Pump	N	SW8260B	7/1/2003 19:04:0	< 1.6	ug/L	1.6	Hydrochloric Acid
34030	Benzene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.30	ug/L	0.30	Hydrochloric Acid
73085	Bromochloromethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.39	ug/L	0.39	Hydrochloric Acid
32101	Bromodichloromethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.29	ug/L	0.29	Hydrochloric Acid
32104	Bromoform	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34413	Bromomethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.47	ug/L	0.47	Hydrochloric Acid
77041	Carbon Disulfide	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.41	ug/L	0.41	Hydrochloric Acid
32102	Carbon Tetrachloride	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34301	Chlorobenzene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.31	ug/L	0.31	Hydrochloric Acid
31311	Chloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.47	ug/L	0.47	Hydrochloric Acid
32106	Chloroform	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.41	ug/L	0.41	Hydrochloric Acid
34418	Chloromethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.43	ug/L	0.43	Hydrochloric Acid
77093	Cis-1,2-dichloroethene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34704	Cis-1,3-dichloropropene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.27	ug/L	0.27	Hydrochloric Acid
32105	Dibromochloromethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
NA	Dibromomethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.34	ug/L	0.34	Hydrochloric Acid
[redacted]	Ethylbenzene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.27	ug/L	0.27	Hydrochloric Acid
[redacted]	Iodomethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.40	ug/L	0.40	Hydrochloric Acid
NA	Methyl ethyl ketone	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34423	Methylene Chloride	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.21	ug/L	0.21	Hydrochloric Acid
77128	Styrene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34475	Tetrachloroethene	Pump	N	SW8260B	7/1/2003 19:04:0	1.8	ug/L	0.43	Hydrochloric Acid
78131	Toluene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.29	ug/L	0.29	Hydrochloric Acid
34546	Trans-1,2-dichloroethene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.50	ug/L	0.50	Hydrochloric Acid
34699	Trans-1,3-dichloropropene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
77268	Trans-1,4-dichloro-2-butene	Pump	N	SW8260B	7/1/2003 19:04:0	1.3	ug/L	0.52	Hydrochloric Acid
39180	Trichloroethene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.43	ug/L	0.43	Hydrochloric Acid
34488	Trichlorofluoromethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77057	Vinyl Acetate	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.31	ug/L	0.31	Hydrochloric Acid
39175	Vinyl Chloride	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.49	ug/L	0.49	Hydrochloric Acid
81551	Xylenes (Total)	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.86	ug/L	0.86	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

[redacted] Name: MWB-3I

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 139.57

Lab Code: J033705-15

Sampling Date/Time 7/1/2003 10:00:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type: ( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
NA	Color/Sheen	Pump	N	lor/Sheen Field Meth	7/1/2003 10:00:0	None		N/A	Field
NA	Conductivity	Pump	N	Field	7/1/2003 10:00:0	33	µmhos/cm	N/A	Field
NA	Dissolved Oxygen	Pump	N	Field	7/1/2003 10:00:0	0.90	mg/L O2	N/A	Field
00400	pH (Field)	Pump	N	Field	7/1/2003 10:00:0	4.95	pH Units	N/A	Field
NA	Temperature	Pump	N	Field	7/1/2003 10:00:0	22	°C	N/A	Field
NA	Turbidity	Pump	N	Field	7/1/2003 10:00:0	0.30	NTU	N/A	Field
70300	Total Dissolved Solids	Pump	N	E160.1	7/8/2003 07:30:0	32	mg/L	10	4 degrees C
00940	Total Chlorides	Pump	N	E325.2	7/1/703 10:50:00	1.9	mg/L	0.50	4 degrees C
NA	Ammonia (as N)	Pump	N	E350.1	7/8/2003 13:15:0	0.23	mg/L	0.020	Sulfuric Acid
00620	Nitrate (as N)	Pump	N	SM4500NO3-F	7/2/2003 09:47:0	< 0.13	mg/L	0.13	4 degrees C
01002	Arsenic	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0016	mg/L	0.0016	Nitric Acid
01007	Barium	Pump	N	SW6010B	7/2/2003 20:19:0	0.022	mg/L	0.00076	Nitric Acid
01012	Beryllium	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.000059	mg/L	0.000059	Nitric Acid
01027	Cadmium	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00036	mg/L	0.00036	Nitric Acid
01034	Chromium	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0010	mg/L	0.0010	Nitric Acid
01037	Cobalt	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00025	mg/L	0.00025	Nitric Acid
01042	Copper	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0011	mg/L	0.0011	Nitric Acid
[redacted]	Iron	Pump	N	SW6010B	7/2/2003 20:19:0	0.62	mg/L	0.019	Nitric Acid
[redacted]	Lead	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00091	mg/L	0.00091	Nitric Acid
01067	Nickel	Pump	N	SW6010B	7/2/2003 20:19:0	0.0033	mg/L	0.00085	Nitric Acid
01147	Selenium	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0022	mg/L	0.0022	Nitric Acid
01077	Silver	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00017	mg/L	0.00017	Nitric Acid
00929	Sodium	Pump	N	SW6010B	7/2/2003 20:19:0	3.1	mg/L	0.049	Nitric Acid
01087	Vanadium	Pump	N	SW6010B	7/2/2003 20:19:0	0.00062	mg/L	0.00016	Nitric Acid
01092	Zinc	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0025	mg/L	0.0025	Nitric Acid
01097	Antimony	Pump	N	SW7041A	7/8/2003 07:37:0	< 0.0034	mg/L	0.0034	Nitric Acid
71900	Mercury	Pump	N	SW7470A	7/8/2003 10:29:0	< 0.000018	mg/L	0.000018	Nitric Acid
01087	Thallium	Pump	N	SW7841	7/2/2003 16:14:0	< 0.00098	mg/L	0.00098	Nitric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	E504.1	7/11/2003 19:13:	< 0.0034	ug/L	0.0034	4 degrees C
NA	Ethylene Dibromide	Pump	N	E504.1	7/11/2003 19:13:	< 0.0069	ug/L	0.0069	4 degrees C
77562	1,1,1,2-Tetrachloroethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.27	ug/L	0.27	Hydrochloric Acid
64506	1,1,1-Trichloroethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34516	1,1,2,2-Tetrachloroethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.19	ug/L	0.19	Hydrochloric Acid
34511	1,1,2-Trichloroethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34496	1,1-Dichloroethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34501	1,1-Dichloroethene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77443	1,2,3-Trichloropropane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.33	ug/L	0.33	Hydrochloric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.55	ug/L	0.55	Hydrochloric Acid
NA	1,2-Dibromoethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34536	1,2-Dichlorobenzene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.28	ug/L	0.28	Hydrochloric Acid
34531	1,2-Dichloroethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34541	1,2-Dichloropropane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	1,3-Dichloropropene (Total)	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.52	ug/L	0.52	Hydrochloric Acid
34571	1,4-Dichlorobenzene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.30	ug/L	0.30	Hydrochloric Acid
[redacted]	2-Hexanone (MBK)	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	4-Methyl-2-pentanone (MIBK)	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.35	ug/L	0.35	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

Name: MWB-3I

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 139.57

Lab Code: J033705-15

Sampling Date/Time 7/1/2003 10:00:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type: ( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
81552	Acetone	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.71	ug/L	0.71	Hydrochloric Acid
34215	Acrylonitrile	Pump	N	SW8260B	7/2/2003 19:20:0	< 1.6	ug/L	1.6	Hydrochloric Acid
34030	Benzene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.30	ug/L	0.30	Hydrochloric Acid
73085	Bromochloromethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.39	ug/L	0.39	Hydrochloric Acid
32101	Bromodichloromethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.29	ug/L	0.29	Hydrochloric Acid
32104	Bromoform	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34413	Bromomethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.47	ug/L	0.47	Hydrochloric Acid
77041	Carbon Disulfide	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.41	ug/L	0.41	Hydrochloric Acid
32102	Carbon Tetrachloride	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34301	Chlorobenzene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.31	ug/L	0.31	Hydrochloric Acid
31311	Chloroethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.47	ug/L	0.47	Hydrochloric Acid
32106	Chloroform	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.41	ug/L	0.41	Hydrochloric Acid
34418	Chloromethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.43	ug/L	0.43	Hydrochloric Acid
77093	Cis-1,2-dichloroethene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34704	Cis-1,3-dichloropropene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.27	ug/L	0.27	Hydrochloric Acid
32105	Dibromochloromethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.25	ug/L	0.25	Hydrochloric Acid
NA	Dibromomethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.34	ug/L	0.34	Hydrochloric Acid
[redacted]	Ethylbenzene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.27	ug/L	0.27	Hydrochloric Acid
[redacted]	Iodomethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.40	ug/L	0.40	Hydrochloric Acid
NA	Methyl ethyl ketone	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34423	Methylene Chloride	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.21	ug/L	0.21	Hydrochloric Acid
77128	Styrene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34475	Tetrachloroethene	Pump	N	SW8260B	7/2/2003 19:20:0	0.51	ug/L	0.43	Hydrochloric Acid
78131	Toluene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.29	ug/L	0.29	Hydrochloric Acid
34546	Trans-1,2-dichloroethene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.50	ug/L	0.50	Hydrochloric Acid
34699	Trans-1,3-dichloropropene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.25	ug/L	0.25	Hydrochloric Acid
77268	Trans-1,4-dichloro-2-butene	Pump	N	SW8260B	7/2/2003 19:20:0	1.3	ug/L	0.52	Hydrochloric Acid
39180	Trichloroethene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.43	ug/L	0.43	Hydrochloric Acid
34488	Trichlorofluoromethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77057	Vinyl Acetate	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.31	ug/L	0.31	Hydrochloric Acid
39175	Vinyl Chloride	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.49	ug/L	0.49	Hydrochloric Acid
81551	Xylenes (Total)	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.86	ug/L	0.86	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

[redacted] Site ID#:

Well Name: MWB-31D

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 139.07

Lab Code: J033705-03

Sampling Date/Time 7/1/2003 10:07:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
NA	Color/Sheen	Pump	N	lor/Sheen Field Meth	7/1/2003 10:07:0	None		N/A	Field
NA	Conductivity	Pump	N	Field	7/1/2003 10:07:0	370	µmhos/cm	N/A	Field
NA	Dissolved Oxygen	Pump	N	Field	7/1/2003 10:07:0	1.0	mg/L O2	N/A	Field
00400	pH (Field)	Pump	N	Field	7/1/2003 10:07:0	6.95	pH Units	N/A	Field
NA	Temperature	Pump	N	Field	7/1/2003 10:07:0	22	°C	N/A	Field
NA	Turbidity	Pump	N	Field	7/1/2003 10:07:0	5.0	NTU	N/A	Field
70300	Total Dissolved Solids	Pump	N	E160.1	7/8/2003 07:30:0	220	mg/L	10	4 degrees C
00940	Total Chlorides	Pump	N	E325.2	7/1/703 10:50:00	3.5	mg/L	0.50	4 degrees C
NA	Ammonia (as N)	Pump	N	E350.1	7/8/2003 13:15:0	0.40	mg/L	0.020	Sulfuric Acid
00620	Nitrate (as N)	Pump	N	SM4500NO3-F	7/2/2003 09:47:0	< 0.13	mg/L	0.13	4 degrees C
01002	Arsenic	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0016	mg/L	0.0016	Nitric Acid
01007	Barium	Pump	N	SW6010B	7/2/2003 20:19:0	0.098	mg/L	0.00076	Nitric Acid
01012	Beryllium	Pump	N	SW6010B	7/2/2003 20:19:0	0.00019	mg/L	0.000059	Nitric Acid
01027	Cadmium	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00036	mg/L	0.00036	Nitric Acid
01034	Chromium	Pump	N	SW6010B	7/2/2003 20:19:0	0.0011	mg/L	0.0010	Nitric Acid
01037	Cobalt	Pump	N	SW6010B	7/2/2003 20:19:0	0.00067	mg/L	0.00025	Nitric Acid
01042	Copper	Pump	N	SW6010B	7/2/2003 20:19:0	0.0015	mg/L	0.0011	Nitric Acid
[redacted]	Iron	Pump	N	SW6010B	7/2/2003 20:19:0	0.74	mg/L	0.019	Nitric Acid
01051	Lead	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00091	mg/L	0.00091	Nitric Acid
01067	Nickel	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00085	mg/L	0.00085	Nitric Acid
01147	Selenium	Pump	N	SW6010B	7/2/2003 20:19:0	0.0089	mg/L	0.0022	Nitric Acid
01077	Silver	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00017	mg/L	0.00017	Nitric Acid
00929	Sodium	Pump	N	SW6010B	7/2/2003 20:19:0	6.0	mg/L	0.049	Nitric Acid
01087	Vanadium	Pump	N	SW6010B	7/2/2003 20:19:0	0.00066	mg/L	0.00016	Nitric Acid
01092	Zinc	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0025	mg/L	0.0025	Nitric Acid
01097	Antimony	Pump	N	SW7041A	7/8/2003 07:37:0	< 0.0034	mg/L	0.0034	Nitric Acid
71900	Mercury	Pump	N	SW7470A	7/8/2003 10:29:0	< 0.000018	mg/L	0.000018	Nitric Acid
01087	Thallium	Pump	N	SW7841	7/2/2003 16:14:0	< 0.00098	mg/L	0.00098	Nitric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	E504.1	7/11/2003 19:13:	< 0.0034	ug/L	0.0034	4 degrees C
NA	Ethylene Dibromide	Pump	N	E504.1	7/11/2003 19:13:	< 0.0069	ug/L	0.0069	4 degrees C
77562	1,1,1,2-Tetrachloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.27	ug/L	0.27	Hydrochloric Acid
64506	1,1,1-Trichloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34516	1,1,2,2-Tetrachloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.19	ug/L	0.19	Hydrochloric Acid
34511	1,1,2-Trichloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34496	1,1-Dichloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34501	1,1-Dichloroethene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77443	1,2,3-Trichloropropane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.33	ug/L	0.33	Hydrochloric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.55	ug/L	0.55	Hydrochloric Acid
NA	1,2-Dibromoethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34536	1,2-Dichlorobenzene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.28	ug/L	0.28	Hydrochloric Acid
34531	1,2-Dichloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34541	1,2-Dichloropropane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	1,3-Dichloropropene (Total)	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.52	ug/L	0.52	Hydrochloric Acid
[redacted]	1,4-Dichlorobenzene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.30	ug/L	0.30	Hydrochloric Acid
[redacted]	2-Hexanone (MBK)	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	4-Methyl-2-pentanone (MIBK)	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.35	ug/L	0.35	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

Name: MWB-31D

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 139.07

Lab Code: J033705-03

Sampling Date/Time 7/1/2003 10:07:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
81552	Acetone	Pump	N	SW8260B	7/1/2003 19:04:0	1.6	ug/L	0.71	Hydrochloric Acid
34215	Acrylonitrile	Pump	N	SW8260B	7/1/2003 19:04:0	< 1.6	ug/L	1.6	Hydrochloric Acid
34030	Benzene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.30	ug/L	0.30	Hydrochloric Acid
73085	Bromochloromethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.39	ug/L	0.39	Hydrochloric Acid
32101	Bromodichloromethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.29	ug/L	0.29	Hydrochloric Acid
32104	Bromoform	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34413	Bromomethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.47	ug/L	0.47	Hydrochloric Acid
77041	Carbon Disulfide	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.41	ug/L	0.41	Hydrochloric Acid
32102	Carbon Tetrachloride	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34301	Chlorobenzene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.31	ug/L	0.31	Hydrochloric Acid
31311	Chloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.47	ug/L	0.47	Hydrochloric Acid
32106	Chloroform	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.41	ug/L	0.41	Hydrochloric Acid
34418	Chloromethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.43	ug/L	0.43	Hydrochloric Acid
77093	Cis-1,2-dichloroethene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34704	Cis-1,3-dichloropropene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.27	ug/L	0.27	Hydrochloric Acid
32105	Dibromochloromethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
NA	Dibromomethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.34	ug/L	0.34	Hydrochloric Acid
[redacted]	Ethylbenzene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.27	ug/L	0.27	Hydrochloric Acid
[redacted]	Iodomethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.40	ug/L	0.40	Hydrochloric Acid
NA	Methyl ethyl ketone	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34423	Methylene Chloride	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.21	ug/L	0.21	Hydrochloric Acid
77128	Styrene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34475	Tetrachloroethene	Pump	N	SW8260B	7/1/2003 19:04:0	2.0	ug/L	0.43	Hydrochloric Acid
78131	Toluene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.29	ug/L	0.29	Hydrochloric Acid
34546	Trans-1,2-dichloroethene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.50	ug/L	0.50	Hydrochloric Acid
34699	Trans-1,3-dichloropropene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
77268	Trans-1,4-dichloro-2-butene	Pump	N	SW8260B	7/1/2003 19:04:0	1.3	ug/L	0.52	Hydrochloric Acid
39180	Trichloroethene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.43	ug/L	0.43	Hydrochloric Acid
34488	Trichlorofluoromethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77057	Vinyl Acetate	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.31	ug/L	0.31	Hydrochloric Acid
39175	Vinyl Chloride	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.49	ug/L	0.49	Hydrochloric Acid
81551	Xylenes (Total)	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.86	ug/L	0.86	Hydrochloric Acid

TRAIL RIDGE LANDFILL
GROUNDWATER MONITORING DATA

PHASE I
COMPLIANCE WELL CLUSTERS

MWB-7(S)
MWB-7(I)
MWB-7(D)
MWB-11(S)
MWB-11(I)
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)

Part III: Analytical Results

Facility GMS#: 3116P02787

Site ID#:

Name: MWB-7S

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 115.67

Lab Code: J033705-05

Sampling Date/Time 7/1/2003 09:15:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
NA	Color/Sheen	Pump	N	lor/Sheen Field Meth	7/1/2003 09:15:0	Brn		N/A	Field
NA	Conductivity	Pump	N	Field	7/1/2003 09:15:0	110	µmhos/cm	N/A	Field
NA	Dissolved Oxygen	Pump	N	Field	7/1/2003 09:15:0	1.0	mg/L O2	N/A	Field
00400	pH (Field)	Pump	N	Field	7/1/2003 09:15:0	4.94	pH Units	N/A	Field
NA	Temperature	Pump	N	Field	7/1/2003 09:15:0	27	°C	N/A	Field
NA	Turbidity	Pump	N	Field	7/1/2003 09:15:0	(80?	NTU	N/A	Field
70300	Total Dissolved Solids	Pump	N	E160.1	7/8/2003 07:30:0	110	mg/L	10	4 degrees C
00940	Total Chlorides	Pump	N	E325.2	7/1/703 10:50:00	15	mg/L	0.50	4 degrees C
NA	Ammonia (as N)	Pump	N	E350.1	7/8/2003 13:15:0	0.52	mg/L	0.020	Sulfuric Acid
00620	Nitrate (as N)	Pump	N	SM4500NO3-F	7/2/2003 09:47:0	< 0.13	mg/L	0.13	4 degrees C
01002	Arsenic	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0016	mg/L	0.0016	Nitric Acid
NA	Arsenic, dissolved	Pump	Y	SW6010B	7/2/2003 20:19:0	< 0.0016	mg/L	0.0016	
01007	Barium	Pump	N	SW6010B	7/2/2003 20:19:0	0.011	mg/L	0.00076	Nitric Acid
NA	Barium, dissolved	Pump	Y	SW6010B	7/2/2003 20:19:0	0.010	mg/L	0.00076	
01012	Beryllium	Pump	N	SW6010B	7/2/2003 20:19:0	0.000063	mg/L	0.000059	Nitric Acid
NA	Beryllium, dissolved	Pump	Y	SW6010B	7/2/2003 20:19:0	< 0.000059	mg/L	0.000059	
01027	Cadmium	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00036	mg/L	0.00036	Nitric Acid
[redacted]	Cadmium, dissolved	Pump	Y	SW6010B	7/2/2003 20:19:0	< 0.00036	mg/L	0.00036	
[redacted]	Chromium	Pump	N	SW6010B	7/2/2003 20:19:0	0.0028	mg/L	0.0010	Nitric Acid
NA	Chromium, dissolved	Pump	Y	SW6010B	7/2/2003 20:19:0	0.0018	mg/L	0.0010	
01037	Cobalt	Pump	N	SW6010B	7/2/2003 20:19:0	0.00073	mg/L	0.00025	Nitric Acid
NA	Cobalt, dissolved	Pump	Y	SW6010B	7/2/2003 20:19:0	0.00061	mg/L	0.00025	
01042	Copper	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0011	mg/L	0.0011	Nitric Acid
NA	Copper, dissolved	Pump	Y	SW6010B	7/2/2003 20:19:0	< 0.0011	mg/L	0.0011	
01045	Iron	Pump	N	SW6010B	7/2/2003 20:19:0	0.23	mg/L	0.019	Nitric Acid
NA	Iron, dissolved	Pump	Y	SW6010B	7/2/2003 20:19:0	0.19	mg/L	0.019	
01051	Lead	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00091	mg/L	0.00091	Nitric Acid
NA	Lead, dissolved	Pump	Y	SW6010B	7/2/2003 20:19:0	0.0012	mg/L	0.00091	
01067	Nickel	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00085	mg/L	0.00085	Nitric Acid
NA	Nickel, dissolved	Pump	Y	SW6010B	7/2/2003 20:19:0	< 0.00085	mg/L	0.00085	
01147	Selenium	Pump	N	SW6010B	7/2/2003 20:19:0	0.0071	mg/L	0.0022	Nitric Acid
NA	Selenium, dissolved	Pump	Y	SW6010B	7/2/2003 20:19:0	0.0071	mg/L	0.0022	
01077	Silver	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00017	mg/L	0.00017	Nitric Acid
NA	Silver, dissolved	Pump	Y	SW6010B	7/2/2003 20:19:0	< 0.00017	mg/L	0.00017	
00929	Sodium	Pump	N	SW6010B	7/2/2003 20:19:0	5.6	mg/L	0.049	Nitric Acid
NA	Sodium, dissolved	Pump	Y	SW6010B	7/2/2003 20:19:0	5.6	mg/L	0.049	
01087	Vanadium	Pump	N	SW6010B	7/2/2003 20:19:0	0.0071	mg/L	0.00016	Nitric Acid
NA	Vanadium, dissolved	Pump	Y	SW6010B	7/2/2003 20:19:0	0.0059	mg/L	0.00016	
01092	Zinc	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0025	mg/L	0.0025	Nitric Acid
NA	Zinc, dissolved	Pump	Y	SW6010B	7/2/2003 20:19:0	< 0.0025	mg/L	0.0025	
01097	Antimony	Pump	N	SW7041A	7/8/2003 07:37:0	< 0.0034	mg/L	0.0034	Nitric Acid
NA	Antimony, Dissolved	Pump	Y	SW7041A	7/8/2003 07:37:0	< 0.0034	mg/L	0.0034	
71900	Mercury	Pump	N	SW7470A	7/8/2003 10:29:0	0.000033	mg/L	0.000018	Nitric Acid
[redacted]	Mercury, dissolved	Pump	Y	SW7470A	7/8/2003 10:29:0	< 0.000018	mg/L	0.000018	
[redacted]	Thallium	Pump	N	SW7841	7/2/2003 16:14:0	< 0.00098	mg/L	0.00098	Nitric Acid
NA	Thallium, dissolved	Pump	Y	SW7841	7/2/2003 16:14:0	0.0010	mg/L	0.00098	

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

Well Name: MWB-7S

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 115.67

Lab Code: J033705-05

Sampling Date/Time 7/1/2003 09:15:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
38760	1,2-Dibromo-3-chloropropane	Pump	N	E504.1	7/11/2003 19:13:	< 0.0034	ug/L	0.0034	4 degrees C
NA	Ethylene Dibromide	Pump	N	E504.1	7/11/2003 19:13:	< 0.0069	ug/L	0.0069	4 degrees C
77562	1,1,1,2-Tetrachloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.27	ug/L	0.27	Hydrochloric Acid
64506	1,1,1-Trichloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34516	1,1,2,2-Tetrachloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.19	ug/L	0.19	Hydrochloric Acid
34511	1,1,2-Trichloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34496	1,1-Dichloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34501	1,1-Dichloroethene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77443	1,2,3-Trichloropropane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.33	ug/L	0.33	Hydrochloric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.55	ug/L	0.55	Hydrochloric Acid
NA	1,2-Dibromoethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34536	1,2-Dichlorobenzene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.28	ug/L	0.28	Hydrochloric Acid
34531	1,2-Dichloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34541	1,2-Dichloropropane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	1,3-Dichloropropene (Total)	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.52	ug/L	0.52	Hydrochloric Acid
34571	1,4-Dichlorobenzene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	2-Hexanone (MBK)	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.27	ug/L	0.27	Hydrochloric Acid
[redacted]	4-Methyl-2-pentanone (MIBK)	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.35	ug/L	0.35	Hydrochloric Acid
[redacted]	Acetone	Pump	N	SW8260B	7/1/2003 19:04:0	1.8	ug/L	0.71	Hydrochloric Acid
34215	Acrylonitrile	Pump	N	SW8260B	7/1/2003 19:04:0	< 1.6	ug/L	1.6	Hydrochloric Acid
34030	Benzene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.30	ug/L	0.30	Hydrochloric Acid
73085	Bromochloromethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.39	ug/L	0.39	Hydrochloric Acid
32101	Bromodichloromethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.29	ug/L	0.29	Hydrochloric Acid
32104	Bromoform	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34413	Bromomethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.47	ug/L	0.47	Hydrochloric Acid
77041	Carbon Disulfide	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.41	ug/L	0.41	Hydrochloric Acid
32102	Carbon Tetrachloride	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34301	Chlorobenzene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.31	ug/L	0.31	Hydrochloric Acid
31311	Chloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.47	ug/L	0.47	Hydrochloric Acid
32106	Chloroform	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.41	ug/L	0.41	Hydrochloric Acid
34418	Chloromethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.43	ug/L	0.43	Hydrochloric Acid
77093	Cis-1,2-dichloroethene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34704	Cis-1,3-dichloropropene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.27	ug/L	0.27	Hydrochloric Acid
32105	Dibromochloromethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
NA	Dibromomethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34371	Ethylbenzene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	Iodomethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.40	ug/L	0.40	Hydrochloric Acid
NA	Methyl ethyl ketone	Pump	N	SW8260B	7/1/2003 19:04:0	2.7	ug/L	0.25	Hydrochloric Acid
34423	Methylene Chloride	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.21	ug/L	0.21	Hydrochloric Acid
77128	Styrene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34475	Tetrachloroethene	Pump	N	SW8260B	7/1/2003 19:04:0	1.7	ug/L	0.43	Hydrochloric Acid
78131	Toluene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.29	ug/L	0.29	Hydrochloric Acid
34546	Trans-1,2-dichloroethene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.50	ug/L	0.50	Hydrochloric Acid
[redacted]	Trans-1,3-dichloropropene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
[redacted]	Trans-1,4-dichloro-2-butene	Pump	N	SW8260B	7/1/2003 19:04:0	1.3	ug/L	0.52	Hydrochloric Acid
39180	Trichloroethene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.43	ug/L	0.43	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Site ID#:

Name: MWB-7S

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 115.67

Lab Code: J033705-05

Sampling Date/Time 7/1/2003 09:15:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
34488	Trichlorofluoromethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77057	Vinyl Acetate	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.31	ug/L	0.31	Hydrochloric Acid
39175	Vinyl Chloride	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.49	ug/L	0.49	Hydrochloric Acid
81551	Xylenes (Total)	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.86	ug/L	0.86	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Site ID#: [redacted]

Name: MWB-7I

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 117.42

Lab Code: J033705-07

Sampling Date/Time 7/1/2003 08:32:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type: ( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
NA	Color/Sheen	Pump	N	lor/Sheen Field Meth	7/1/2003 08:32:0	None		N/A	Field
NA	Conductivity	Pump	N	Field	7/1/2003 08:32:0	43	µmhos/cm	N/A	Field
NA	Dissolved Oxygen	Pump	N	Field	7/1/2003 08:32:0	1.0	mg/L O2	N/A	Field
00400	pH (Field)	Pump	N	Field	7/1/2003 08:32:0	5.37	pH Units	N/A	Field
NA	Temperature	Pump	N	Field	7/1/2003 08:32:0	23	°C	N/A	Field
NA	Turbidity	Pump	N	Field	7/1/2003 08:32:0	2.8	NTU	N/A	Field
70300	Total Dissolved Solids	Pump	N	E160.1	7/8/2003 07:30:0	42	mg/L	10	4 degrees C
00940	Total Chlorides	Pump	N	E325.2	7/1/703 10:50:00	3.5	mg/L	0.50	4 degrees C
NA	Ammonia (as N)	Pump	N	E350.1	7/8/2003 13:15:0	0.16	mg/L	0.020	Sulfuric Acid
00620	Nitrate (as N)	Pump	N	SM4500NO3-F	7/2/2003 09:47:0	< 0.13	mg/L	0.13	4 degrees C
01002	Arsenic	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0016	mg/L	0.0016	Nitric Acid
01007	Barium	Pump	N	SW6010B	7/2/2003 20:19:0	0.057	mg/L	0.00076	Nitric Acid
01012	Beryllium	Pump	N	SW6010B	7/2/2003 20:19:0	0.00013	mg/L	0.000059	Nitric Acid
01027	Cadmium	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00036	mg/L	0.00036	Nitric Acid
01034	Chromium	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0010	mg/L	0.0010	Nitric Acid
01037	Cobalt	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00025	mg/L	0.00025	Nitric Acid
01042	Copper	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0011	mg/L	0.0011	Nitric Acid
[redacted]	Iron	Pump	N	SW6010B	7/2/2003 20:19:0	0.41	mg/L	0.019	Nitric Acid
01051	Lead	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00091	mg/L	0.00091	Nitric Acid
01067	Nickel	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00085	mg/L	0.00085	Nitric Acid
01147	Selenium	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0022	mg/L	0.0022	Nitric Acid
01077	Silver	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00017	mg/L	0.00017	Nitric Acid
00929	Sodium	Pump	N	SW6010B	7/2/2003 20:19:0	3.3	mg/L	0.049	Nitric Acid
01087	Vanadium	Pump	N	SW6010B	7/2/2003 20:19:0	0.00084	mg/L	0.00016	Nitric Acid
01092	Zinc	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0025	mg/L	0.0025	Nitric Acid
01097	Antimony	Pump	N	SW7041A	7/8/2003 07:37:0	< 0.0034	mg/L	0.0034	Nitric Acid
71900	Mercury	Pump	N	SW7470A	7/8/2003 10:29:0	< 0.000018	mg/L	0.000018	Nitric Acid
01087	Thallium	Pump	N	SW7841	7/2/2003 16:14:0	0.0018	mg/L	0.00098	Nitric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	E504.1	7/11/2003 19:13:	< 0.0034	ug/L	0.0034	4 degrees C
NA	Ethylene Dibromide	Pump	N	E504.1	7/11/2003 19:13:	< 0.0069	ug/L	0.0069	4 degrees C
77562	1,1,1,2-Tetrachloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.27	ug/L	0.27	Hydrochloric Acid
64506	1,1,1-Trichloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34516	1,1,2,2-Tetrachloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.19	ug/L	0.19	Hydrochloric Acid
34511	1,1,2-Trichloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34496	1,1-Dichloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34501	1,1-Dichloroethene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77443	1,2,3-Trichloropropane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.33	ug/L	0.33	Hydrochloric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.55	ug/L	0.55	Hydrochloric Acid
NA	1,2-Dibromoethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34536	1,2-Dichlorobenzene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.28	ug/L	0.28	Hydrochloric Acid
34531	1,2-Dichloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34541	1,2-Dichloropropane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	1,3-Dichloropropene (Total)	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.52	ug/L	0.52	Hydrochloric Acid
[redacted]	1,4-Dichlorobenzene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.30	ug/L	0.30	Hydrochloric Acid
[redacted]	2-Hexanone (MBK)	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	4-Methyl-2-pentanone (MIBK)	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.35	ug/L	0.35	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Site ID#:

Well Name: MWB-7I

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 117.42

Lab Code: J033705-07

Sampling Date/Time 7/1/2003 08:32:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
81552	Acetone	Pump	N	SW8260B	7/1/2003 19:04:0	1.4	ug/L	0.71	Hydrochloric Acid
34215	Acrylonitrile	Pump	N	SW8260B	7/1/2003 19:04:0	< 1.6	ug/L	1.6	Hydrochloric Acid
34030	Benzene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.30	ug/L	0.30	Hydrochloric Acid
73085	Bromochloromethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.39	ug/L	0.39	Hydrochloric Acid
32101	Bromodichloromethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.29	ug/L	0.29	Hydrochloric Acid
32104	Bromoform	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34413	Bromomethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.47	ug/L	0.47	Hydrochloric Acid
77041	Carbon Disulfide	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.41	ug/L	0.41	Hydrochloric Acid
32102	Carbon Tetrachloride	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34301	Chlorobenzene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.31	ug/L	0.31	Hydrochloric Acid
31311	Chloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.47	ug/L	0.47	Hydrochloric Acid
32106	Chloroform	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.41	ug/L	0.41	Hydrochloric Acid
34418	Chloromethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.43	ug/L	0.43	Hydrochloric Acid
77093	Cis-1,2-dichloroethene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34704	Cis-1,3-dichloropropene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.27	ug/L	0.27	Hydrochloric Acid
32105	Dibromochloromethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
NA	Dibromomethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.34	ug/L	0.34	Hydrochloric Acid
[redacted]	Ethylbenzene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	Iodomethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.40	ug/L	0.40	Hydrochloric Acid
NA	Methyl ethyl ketone	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34423	Methylene Chloride	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.21	ug/L	0.21	Hydrochloric Acid
77128	Styrene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34475	Tetrachloroethene	Pump	N	SW8260B	7/1/2003 19:04:0	1.1	ug/L	0.43	Hydrochloric Acid
78131	Toluene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.29	ug/L	0.29	Hydrochloric Acid
34546	Trans-1,2-dichloroethene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.50	ug/L	0.50	Hydrochloric Acid
34699	Trans-1,3-dichloropropene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
77268	Trans-1,4-dichloro-2-butene	Pump	N	SW8260B	7/1/2003 19:04:0	1.3	ug/L	0.52	Hydrochloric Acid
39180	Trichloroethene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.43	ug/L	0.43	Hydrochloric Acid
34488	Trichlorofluoromethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77057	Vinyl Acetate	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.31	ug/L	0.31	Hydrochloric Acid
39175	Vinyl Chloride	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.49	ug/L	0.49	Hydrochloric Acid
81551	Xylenes (Total)	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.86	ug/L	0.86	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

[redacted] Site ID#:

[redacted] Name: MWB-7D

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 120.18

Lab Code: J033705-06

Sampling Date/Time 7/1/2003 08:55:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type: ( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
NA	Color/Sheen	Pump	N	lor/Sheen Field Meth	7/1/2003 08:55:0	None		N/A	Field
NA	Conductivity	Pump	N	Field	7/1/2003 08:55:0	350	µmhos/cm	N/A	Field
NA	Dissolved Oxygen	Pump	N	Field	7/1/2003 08:55:0	0.80	mg/L O2	N/A	Field
00400	pH (Field)	Pump	N	Field	7/1/2003 08:55:0	7.25	pH Units	N/A	Field
NA	Temperature	Pump	N	Field	7/1/2003 08:55:0	22	°C	N/A	Field
NA	Turbidity	Pump	N	Field	7/1/2003 08:55:0	0.90	NTU	N/A	Field
70300	Total Dissolved Solids	Pump	N	E160.1	7/8/2003 07:30:0	200	mg/L	10	4 degrees C
00940	Total Chlorides	Pump	N	E325.2	7/1/703 10:50:00	2.2	mg/L	0.50	4 degrees C
NA	Ammonia (as N)	Pump	N	E350.1	7/8/2003 13:15:0	0.33	mg/L	0.020	Sulfuric Acid
00620	Nitrate (as N)	Pump	N	SM4500NO3-F	7/2/2003 09:47:0	< 0.13	mg/L	0.13	4 degrees C
01002	Arsenic	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0016	mg/L	0.0016	Nitric Acid
01007	Barium	Pump	N	SW6010B	7/2/2003 20:19:0	0.080	mg/L	0.00076	Nitric Acid
01012	Beryllium	Pump	N	SW6010B	7/2/2003 20:19:0	0.00012	mg/L	0.000059	Nitric Acid
01027	Cadmium	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00036	mg/L	0.00036	Nitric Acid
01034	Chromium	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0010	mg/L	0.0010	Nitric Acid
01037	Cobalt	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00025	mg/L	0.00025	Nitric Acid
01042	Copper	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0011	mg/L	0.0011	Nitric Acid
[redacted]	Iron	Pump	N	SW6010B	7/2/2003 20:19:0	0.30	mg/L	0.019	Nitric Acid
01051	Lead	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00091	mg/L	0.00091	Nitric Acid
01067	Nickel	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00085	mg/L	0.00085	Nitric Acid
01147	Selenium	Pump	N	SW6010B	7/2/2003 20:19:0	0.0064	mg/L	0.0022	Nitric Acid
01077	Silver	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00017	mg/L	0.00017	Nitric Acid
00929	Sodium	Pump	N	SW6010B	7/2/2003 20:19:0	4.2	mg/L	0.049	Nitric Acid
01087	Vanadium	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00016	mg/L	0.00016	Nitric Acid
01092	Zinc	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0025	mg/L	0.0025	Nitric Acid
01097	Antimony	Pump	N	SW7041A	7/8/2003 07:37:0	< 0.0034	mg/L	0.0034	Nitric Acid
71900	Mercury	Pump	N	SW7470A	7/8/2003 10:29:0	< 0.000018	mg/L	0.000018	Nitric Acid
01087	Thallium	Pump	N	SW7841	7/2/2003 16:14:0	< 0.00098	mg/L	0.00098	Nitric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	E504.1	7/11/2003 19:13:	< 0.0034	ug/L	0.0034	4 degrees C
NA	Ethylene Dibromide	Pump	N	E504.1	7/11/2003 19:13:	< 0.0069	ug/L	0.0069	4 degrees C
77562	1,1,1,2-Tetrachloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.27	ug/L	0.27	Hydrochloric Acid
64506	1,1,1-Trichloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34516	1,1,2,2-Tetrachloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.19	ug/L	0.19	Hydrochloric Acid
34511	1,1,2-Trichloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34496	1,1-Dichloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34501	1,1-Dichloroethene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77443	1,2,3-Trichloropropane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.33	ug/L	0.33	Hydrochloric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.55	ug/L	0.55	Hydrochloric Acid
NA	1,2-Dibromoethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34536	1,2-Dichlorobenzene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.28	ug/L	0.28	Hydrochloric Acid
34531	1,2-Dichloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34541	1,2-Dichloropropane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	1,3-Dichloropropene (Total)	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.52	ug/L	0.52	Hydrochloric Acid
[redacted]	1,4-Dichlorobenzene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.30	ug/L	0.30	Hydrochloric Acid
[redacted]	2-Hexanone (MBK)	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	4-Methyl-2-pentanone (MIBK)	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.35	ug/L	0.35	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Site ID#:

Well Name: MWB-7D

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 120.18

Lab Code: J033705-06

Sampling Date/Time 7/1/2003 08:55:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type: ( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
81552	Acetone	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.71	ug/L	0.71	Hydrochloric Acid
34215	Acrylonitrile	Pump	N	SW8260B	7/1/2003 19:04:0	< 1.6	ug/L	1.6	Hydrochloric Acid
34030	Benzene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.30	ug/L	0.30	Hydrochloric Acid
73085	Bromochloromethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.39	ug/L	0.39	Hydrochloric Acid
32101	Bromodichloromethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.29	ug/L	0.29	Hydrochloric Acid
32104	Bromoform	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34413	Bromomethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.47	ug/L	0.47	Hydrochloric Acid
77041	Carbon Disulfide	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.41	ug/L	0.41	Hydrochloric Acid
32102	Carbon Tetrachloride	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34301	Chlorobenzene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.31	ug/L	0.31	Hydrochloric Acid
31311	Chloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.47	ug/L	0.47	Hydrochloric Acid
32106	Chloroform	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.41	ug/L	0.41	Hydrochloric Acid
34418	Chloromethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.43	ug/L	0.43	Hydrochloric Acid
77093	Cis-1,2-dichloroethene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34704	Cis-1,3-dichloropropene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.27	ug/L	0.27	Hydrochloric Acid
32105	Dibromochloromethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
NA	Dibromomethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.34	ug/L	0.34	Hydrochloric Acid
[redacted]	Ethylbenzene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	Iodomethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.40	ug/L	0.40	Hydrochloric Acid
NA	Methyl ethyl ketone	Pump	N	SW8260B	7/1/2003 19:04:0	2.3	ug/L	0.25	Hydrochloric Acid
34423	Methylene Chloride	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.21	ug/L	0.21	Hydrochloric Acid
77128	Styrene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34475	Tetrachloroethene	Pump	N	SW8260B	7/1/2003 19:04:0	1.2	ug/L	0.43	Hydrochloric Acid
78131	Toluene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.29	ug/L	0.29	Hydrochloric Acid
34546	Trans-1,2-dichloroethene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.50	ug/L	0.50	Hydrochloric Acid
34699	Trans-1,3-dichloropropene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
77268	Trans-1,4-dichloro-2-butene	Pump	N	SW8260B	7/1/2003 19:04:0	1.3	ug/L	0.52	Hydrochloric Acid
39180	Trichloroethene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.43	ug/L	0.43	Hydrochloric Acid
34488	Trichlorofluoromethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77057	Vinyl Acetate	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.31	ug/L	0.31	Hydrochloric Acid
39175	Vinyl Chloride	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.49	ug/L	0.49	Hydrochloric Acid
81551	Xylenes (Total)	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.86	ug/L	0.86	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Site ID#:

Name: MWB-11S

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 108.34

Lab Code: J033736-07

Sampling Date/Time 7/2/2003 08:48:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type: ( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Preservative Added
NA	Color/Sheen	Pump	N	Field	7/2/2003 08:48:0	None		N/A	Field
NA	Conductivity	Pump	N	Field	7/2/2003 08:48:0	180	µmhos/cm	N/A	Field
NA	Dissolved Oxygen	Pump	N	Field	7/2/2003 08:48:0	1.5	mg/L O2	N/A	Field
00400	pH (Field)	Pump	N	Field	7/2/2003 08:48:0	4.23	pH Units	N/A	Field
NA	Temperature	Pump	N	Field	7/2/2003 08:48:0	22	°C	N/A	Field
NA	Turbidity	Pump	N	Field	7/2/2003 08:48:0	0.30	NTU	N/A	Field
70300	Total Dissolved Solids	Pump	N	E160.1	7/8/2003 14:30:0	110	mg/L	10	4 degrees C
00940	Total Chlorides	Pump	N	E325.2	7/8/2003 09:51:0	21	mg/L	0.50	4 degrees C
NA	Ammonia (as N)	Pump	N	E350.1	7/8/2003 13:15:0	0.20	mg/L	0.020	Sulfuric Acid
00620	Nitrate (as N)	Pump	N	SM4500NO3-F	7/3/2003 10:55:0	< 0.13	mg/L	0.13	4 degrees C
01002	Arsenic	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.0016	mg/L	0.0016	Nitric Acid
01007	Barium	Pump	N	SW6010B	7/3/2003 23:31:0	0.077	mg/L	0.00076	Nitric Acid
01012	Beryllium	Pump	N	SW6010B	7/3/2003 23:31:0	0.00017	mg/L	0.000059	Nitric Acid
01027	Cadmium	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.00036	mg/L	0.00036	Nitric Acid
01034	Chromium	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.0010	mg/L	0.0010	Nitric Acid
01037	Cobalt	Pump	N	SW6010B	7/3/2003 23:31:0	0.0010	mg/L	0.00025	Nitric Acid
01042	Copper	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.0011	mg/L	0.0011	Nitric Acid
[redacted]	Iron	Pump	N	SW6010B	7/3/2003 23:31:0	<1.23	mg/L	0.019	Nitric Acid
[redacted]	Lead	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.00091	mg/L	0.00091	Nitric Acid
01067	Nickel	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.00085	mg/L	0.00085	Nitric Acid
01147	Selenium	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.0022	mg/L	0.0022	Nitric Acid
01077	Silver	Pump	N	SW6010B	7/3/2003 23:31:0	0.00023	mg/L	0.00017	Nitric Acid
00929	Sodium	Pump	N	SW6010B	7/3/2003 23:31:0	8.5	mg/L	0.049	Nitric Acid
01087	Vanadium	Pump	N	SW6010B	7/3/2003 23:31:0	0.0020	mg/L	0.00016	Nitric Acid
01092	Zinc	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.0025	mg/L	0.0025	Nitric Acid
01097	Antimony	Pump	N	SW7041A	7/8/2003 15:44:0	< 0.0034	mg/L	0.0034	Nitric Acid
71900	Mercury	Pump	N	SW7470A	7/8/2003 11:41:0	< 0.000018	mg/L	0.000018	Nitric Acid
01087	Thallium	Pump	N	SW7841	7/9/2003 15:22:0	< 0.00098	mg/L	0.00098	Nitric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	E504.1	7/4/2003 15:31:0	< 0.0034	ug/L	0.0034	4 degrees C
NA	Ethylene Dibromide	Pump	N	E504.1	7/4/2003 15:31:0	< 0.0069	ug/L	0.0069	4 degrees C
77562	1,1,1,2-Tetrachloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
64506	1,1,1-Trichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34516	1,1,2,2-Tetrachloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.19	ug/L	0.19	Hydrochloric Acid
34511	1,1,2-Trichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34496	1,1-Dichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34501	1,1-Dichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77443	1,2,3-Trichloropropane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.33	ug/L	0.33	Hydrochloric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.55	ug/L	0.55	Hydrochloric Acid
NA	1,2-Dibromoethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34536	1,2-Dichlorobenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.28	ug/L	0.28	Hydrochloric Acid
34531	1,2-Dichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34541	1,2-Dichloropropane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	1,3-Dichloropropene (Total)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.52	ug/L	0.52	Hydrochloric Acid
[redacted]	1,4-Dichlorobenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.30	ug/L	0.30	Hydrochloric Acid
[redacted]	2-Hexanone (MBK)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	4-Methyl-2-pentanone (MIBK)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.35	ug/L	0.35	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

Well Name: MWB-11S

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 108.34

Lab Code: J033736-07

Sampling Date/Time 7/2/2003 08:48:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
81552	Acetone	Pump	N	SW8260B	7/7/2003 12:57:0	2.5	ug/L	0.71	Hydrochloric Acid
34215	Acrylonitrile	Pump	N	SW8260B	7/7/2003 12:57:0	< 1.6	ug/L	1.6	Hydrochloric Acid
34030	Benzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.30	ug/L	0.30	Hydrochloric Acid
73085	Bromochloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
32101	Bromodichloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.29	ug/L	0.29	Hydrochloric Acid
32104	Bromoform	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34413	Bromomethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.47	ug/L	0.47	Hydrochloric Acid
77041	Carbon Disulfide	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.41	ug/L	0.41	Hydrochloric Acid
32102	Carbon Tetrachloride	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34301	Chlorobenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.31	ug/L	0.31	Hydrochloric Acid
31311	Chloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.47	ug/L	0.47	Hydrochloric Acid
32106	Chloroform	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.41	ug/L	0.41	Hydrochloric Acid
34418	Chloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	0.75	ug/L	0.43	Hydrochloric Acid
77093	Cis-1,2-dichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34704	Cis-1,3-dichloropropene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
32105	Dibromochloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
NA	Dibromomethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.34	ug/L	0.34	Hydrochloric Acid
[redacted]	Ethylbenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
N[redacted]	Iodomethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.40	ug/L	0.40	Hydrochloric Acid
NA	Methyl ethyl ketone	Pump	N	SW8260B	7/7/2003 12:57:0	2.4	ug/L	0.25	Hydrochloric Acid
34423	Methylene Chloride	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.21	ug/L	0.21	Hydrochloric Acid
77128	Styrene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34475	Tetrachloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.43	ug/L	0.43	Hydrochloric Acid
78131	Toluene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.29	ug/L	0.29	Hydrochloric Acid
34546	Trans-1,2-dichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.50	ug/L	0.50	Hydrochloric Acid
34699	Trans-1,3-dichloropropene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
77268	Trans-1,4-dichloro-2-butene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.52	ug/L	0.52	Hydrochloric Acid
39180	Trichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.43	ug/L	0.43	Hydrochloric Acid
34488	Trichlorofluoromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77057	Vinyl Acetate	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.31	ug/L	0.31	Hydrochloric Acid
39175	Vinyl Chloride	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.49	ug/L	0.49	Hydrochloric Acid
81551	Xylenes (Total)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.86	ug/L	0.86	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

Well Name: MWB-11I

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 116.67

Lab Code: J033736-06

Sampling Date/Time 7/2/2003 08:55:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
NA	Color/Sheen	Pump	N	Field	7/2/2003 08:55:0	Wht		N/A	Field
NA	Conductivity	Pump	N	Field	7/2/2003 08:55:0	40	µmhos/cm	N/A	Field
NA	Dissolved Oxygen	Pump	N	Field	7/2/2003 08:55:0	0.90	mg/L O2	N/A	Field
00400	pH (Field)	Pump	N	Field	7/2/2003 08:55:0	5.23	pH Units	N/A	Field
NA	Temperature	Pump	N	Field	7/2/2003 08:55:0	23	°C	N/A	Field
NA	Turbidity	Pump	N	Field	7/2/2003 08:55:0	(450)	NTU	N/A	Field
70300	Total Dissolved Solids	Pump	N	E160.1	7/8/2003 14:30:0	66	mg/L	10	4 degrees C
00940	Total Chlorides	Pump	N	E325.2	7/8/2003 09:51:0	8.1	mg/L	0.50	4 degrees C
NA	Ammonia (as N)	Pump	N	E350.1	7/8/2003 13:15:0	0.16	mg/L	0.020	Sulfuric Acid
00620	Nitrate (as N)	Pump	N	SM4500NO3-F	7/3/2003 10:55:0	< 0.13	mg/L	0.13	4 degrees C
01002	Arsenic	Pump	N	SW6010B	7/3/2003 23:31:0	0.0052	mg/L	0.0016	Nitric Acid
NA	Arsenic, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	< 0.0016	mg/L	0.0016	
01007	Barium	Pump	N	SW6010B	7/3/2003 23:31:0	0.43	mg/L	0.00076	Nitric Acid
NA	Barium, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	0.047	mg/L	0.00076	
01012	Beryllium	Pump	N	SW6010B	7/3/2003 23:31:0	0.0051	mg/L	0.000059	Nitric Acid
NA	Beryllium, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	0.000067	mg/L	0.000059	
01027	Cadmium	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.00036	mg/L	0.00036	Nitric Acid
[redacted]	Cadmium, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	< 0.00036	mg/L	0.00036	
01034	Chromium	Pump	N	SW6010B	7/3/2003 23:31:0	0.090	mg/L	0.0010	Nitric Acid
NA	Chromium, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	0.0028	mg/L	0.0010	
01037	Cobalt	Pump	N	SW6010B	7/3/2003 23:31:0	0.0015	mg/L	0.00025	Nitric Acid
NA	Cobalt, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	< 0.00025	mg/L	0.00025	
01042	Copper	Pump	N	SW6010B	7/3/2003 23:31:0	0.0021	mg/L	0.0011	Nitric Acid
NA	Copper, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	< 0.0011	mg/L	0.0011	
01045	Iron	Pump	N	SW6010B	7/3/2003 23:31:0	12.8	mg/L	0.019	Nitric Acid
NA	Iron, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	(0.50)	mg/L	0.019	
01051	Lead	Pump	N	SW6010B	7/3/2003 23:31:0	0.068	mg/L	0.00091	Nitric Acid
NA	Lead, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	0.0013	mg/L	0.00091	
01067	Nickel	Pump	N	SW6010B	7/3/2003 23:31:0	0.0070	mg/L	0.00085	Nitric Acid
NA	Nickel, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	0.0011	mg/L	0.00085	
01147	Selenium	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.0022	mg/L	0.0022	Nitric Acid
NA	Selenium, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	< 0.0022	mg/L	0.0022	
01077	Silver	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.00017	mg/L	0.00017	Nitric Acid
NA	Silver, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	< 0.00017	mg/L	0.00017	
00929	Sodium	Pump	N	SW6010B	7/3/2003 23:31:0	3.3	mg/L	0.049	Nitric Acid
NA	Sodium, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	3.3	mg/L	0.049	
01087	Vanadium	Pump	N	SW6010B	7/3/2003 23:31:0	0.11	mg/L	0.00016	Nitric Acid
NA	Vanadium, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	0.0031	mg/L	0.00016	
01092	Zinc	Pump	N	SW6010B	7/3/2003 23:31:0	0.027	mg/L	0.0025	Nitric Acid
NA	Zinc, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	< 0.0025	mg/L	0.0025	
01097	Antimony	Pump	N	SW7041A	7/8/2003 15:44:0	< 0.0034	mg/L	0.0034	Nitric Acid
NA	Antimony, Dissolved	Pump	Y	SW7041A	7/8/2003 15:44:0	< 0.0034	mg/L	0.0034	
71900	Mercury	Pump	N	SW7470A	7/8/2003 11:41:0	< 0.000018	mg/L	0.000018	Nitric Acid
[redacted]	Mercury, dissolved	Pump	Y	SW7470A	7/8/2003 11:41:0	< 0.000018	mg/L	0.000018	
[redacted]	Thallium	Pump	N	SW7841	7/9/2003 15:22:0	< 0.00098	mg/L	0.00098	Nitric Acid
NA	Thallium, dissolved	Pump	Y	SW7841	7/9/2003 15:22:0	< 0.00098	mg/L	0.00098	

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

Well Name: MWB-11I

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 116.67

Lab Code: J033736-06

Sampling Date/Time 7/2/2003 08:55:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
38760	1,2-Dibromo-3-chloropropane	Pump	N	E504.1	7/4/2003 15:31:0	< 0.0034	ug/L	0.0034	4 degrees C
NA	Ethylene Dibromide	Pump	N	E504.1	7/4/2003 15:31:0	< 0.0069	ug/L	0.0069	4 degrees C
77562	1,1,1,2-Tetrachloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
64506	1,1,1-Trichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34516	1,1,2,2-Tetrachloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.19	ug/L	0.19	Hydrochloric Acid
34511	1,1,2-Trichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34496	1,1-Dichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34501	1,1-Dichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77443	1,2,3-Trichloropropane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.33	ug/L	0.33	Hydrochloric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.55	ug/L	0.55	Hydrochloric Acid
NA	1,2-Dibromoethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34536	1,2-Dichlorobenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.28	ug/L	0.28	Hydrochloric Acid
34531	1,2-Dichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34541	1,2-Dichloropropane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	1,3-Dichloropropene (Total)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.52	ug/L	0.52	Hydrochloric Acid
34571	1,4-Dichlorobenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	2-Hexanone (MBK)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
[redacted]	4-Methyl-2-pentanone (MIBK)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.35	ug/L	0.35	Hydrochloric Acid
[redacted]	Acetone	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.71	ug/L	0.71	Hydrochloric Acid
34215	Acrylonitrile	Pump	N	SW8260B	7/7/2003 12:57:0	< 1.6	ug/L	1.6	Hydrochloric Acid
34030	Benzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.30	ug/L	0.30	Hydrochloric Acid
73085	Bromochloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
32101	Bromodichloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.29	ug/L	0.29	Hydrochloric Acid
32104	Bromoform	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34413	Bromomethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.47	ug/L	0.47	Hydrochloric Acid
77041	Carbon Disulfide	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.41	ug/L	0.41	Hydrochloric Acid
32102	Carbon Tetrachloride	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34301	Chlorobenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.31	ug/L	0.31	Hydrochloric Acid
31311	Chloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.47	ug/L	0.47	Hydrochloric Acid
32106	Chloroform	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.41	ug/L	0.41	Hydrochloric Acid
34418	Chloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.43	ug/L	0.43	Hydrochloric Acid
77093	Cis-1,2-dichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34704	Cis-1,3-dichloropropene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
32105	Dibromochloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
NA	Dibromomethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34371	Ethylbenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	Iodomethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.40	ug/L	0.40	Hydrochloric Acid
NA	Methyl ethyl ketone	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34423	Methylene Chloride	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.21	ug/L	0.21	Hydrochloric Acid
77128	Styrene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34475	Tetrachloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.43	ug/L	0.43	Hydrochloric Acid
78131	Toluene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.29	ug/L	0.29	Hydrochloric Acid
34546	Trans-1,2-dichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.50	ug/L	0.50	Hydrochloric Acid
[redacted]	Trans-1,3-dichloropropene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
[redacted]	Trans-1,4-dichloro-2-butene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.52	ug/L	0.52	Hydrochloric Acid
39180	Trichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.43	ug/L	0.43	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Site ID#:

Name: MWB-11I

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 116.67

Lab Code: J033736-06

Sampling Date/Time 7/2/2003 08:55:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
34488	Trichlorofluoromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77057	Vinyl Acetate	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.31	ug/L	0.31	Hydrochloric Acid
39175	Vinyl Chloride	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.49	ug/L	0.49	Hydrochloric Acid
81551	Xylenes (Total)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.86	ug/L	0.86	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Site ID#: [redacted]

Name: MWB-11I(R)

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): N/A

Lab Code: J033736-05

Sampling Date/Time 7/2/2003 09:32:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
NA	Color/Sheen	Pump	N	Field	7/2/2003 09:32:0	Brn		N/A	Field
NA	Conductivity	Pump	N	Field	7/2/2003 09:32:0	38	µmhos/cm	N/A	Field
NA	Dissolved Oxygen	Pump	N	Field	7/2/2003 09:32:0	1.3	mg/L O2	N/A	Field
00400	pH (Field)	Pump	N	Field	7/2/2003 09:32:0	5.10	pH Units	N/A	Field
NA	Temperature	Pump	N	Field	7/2/2003 09:32:0	23	°C	N/A	Field
NA	Turbidity	Pump	N	Field	7/2/2003 09:32:0	579	NTU	N/A	Field
70300	Total Dissolved Solids	Pump	N	E160.1	7/8/2003 14:30:0	34	mg/L	10	4 degrees C
00940	Total Chlorides	Pump	N	E325.2	7/8/2003 09:51:0	3.9	mg/L	0.50	4 degrees C
NA	Ammonia (as N)	Pump	N	E350.1	7/8/2003 13:15:0	0.28	mg/L	0.020	Sulfuric Acid
00620	Nitrate (as N)	Pump	N	SM4500NO3-F	7/3/2003 10:55:0	< 0.13	mg/L	0.13	4 degrees C
01002	Arsenic	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.0016	mg/L	0.0016	Nitric Acid
NA	Arsenic, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	< 0.0016	mg/L	0.0016	
01007	Barium	Pump	N	SW6010B	7/3/2003 23:31:0	0.043	mg/L	0.00076	Nitric Acid
NA	Barium, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	0.022	mg/L	0.00076	
01012	Beryllium	Pump	N	SW6010B	7/3/2003 23:31:0	0.00015	mg/L	0.000059	Nitric Acid
NA	Beryllium, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	< 0.000059	mg/L	0.000059	
01027	Cadmium	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.00036	mg/L	0.00036	Nitric Acid
[redacted]	Cadmium, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	< 0.00036	mg/L	0.00036	
01034	Chromium	Pump	N	SW6010B	7/3/2003 23:31:0	0.0064	mg/L	0.0010	Nitric Acid
NA	Chromium, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	< 0.0010	mg/L	0.0010	
01037	Cobalt	Pump	N	SW6010B	7/3/2003 23:31:0	0.00056	mg/L	0.00025	Nitric Acid
NA	Cobalt, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	0.00054	mg/L	0.00025	
01042	Copper	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.0011	mg/L	0.0011	Nitric Acid
NA	Copper, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	< 0.0011	mg/L	0.0011	
01045	Iron	Pump	N	SW6010B	7/3/2003 23:31:0	0.78	mg/L	0.019	Nitric Acid
NA	Iron, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	0.43	mg/L	0.019	
01051	Lead	Pump	N	SW6010B	7/3/2003 23:31:0	0.0027	mg/L	0.00091	Nitric Acid
NA	Lead, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	< 0.00091	mg/L	0.00091	
01067	Nickel	Pump	N	SW6010B	7/3/2003 23:31:0	0.0030	mg/L	0.00085	Nitric Acid
NA	Nickel, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	< 0.00085	mg/L	0.00085	
01147	Selenium	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.0022	mg/L	0.0022	Nitric Acid
NA	Selenium, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	< 0.0022	mg/L	0.0022	
01077	Silver	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.00017	mg/L	0.00017	Nitric Acid
NA	Silver, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	< 0.00017	mg/L	0.00017	
00929	Sodium	Pump	N	SW6010B	7/3/2003 23:31:0	3.1	mg/L	0.049	Nitric Acid
NA	Sodium, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	3.0	mg/L	0.049	
01087	Vanadium	Pump	N	SW6010B	7/3/2003 23:31:0	0.010	mg/L	0.00016	Nitric Acid
NA	Vanadium, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	0.00094	mg/L	0.00016	
01092	Zinc	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.0025	mg/L	0.0025	Nitric Acid
NA	Zinc, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	< 0.0025	mg/L	0.0025	
01097	Antimony	Pump	N	SW7041A	7/8/2003 15:44:0	< 0.0034	mg/L	0.0034	Nitric Acid
NA	Antimony, Dissolved	Pump	Y	SW7041A	7/8/2003 15:44:0	< 0.0034	mg/L	0.0034	
71900	Mercury	Pump	N	SW7470A	7/8/2003 11:41:0	< 0.000018	mg/L	0.000018	Nitric Acid
[redacted]	Mercury, dissolved	Pump	Y	SW7470A	7/8/2003 11:41:0	< 0.000018	mg/L	0.000018	
[redacted]	Thallium	Pump	N	SW7841	7/9/2003 15:22:0	0.0011	mg/L	0.00098	Nitric Acid
NA	Thallium, dissolved	Pump	Y	SW7841	7/9/2003 15:22:0	< 0.00098	mg/L	0.00098	

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

[redacted] Name: MWB-11I(R)

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): N/A

Lab Code: J033736-05

Sampling Date/Time 7/2/2003 09:32:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
38760	1,2-Dibromo-3-chloropropane	Pump	N	E504.1	7/4/2003 15:31:0	< 0.0034	ug/L	0.0034	4 degrees C
NA	Ethylene Dibromide	Pump	N	E504.1	7/4/2003 15:31:0	< 0.0069	ug/L	0.0069	4 degrees C
77562	1,1,1,2-Tetrachloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
64506	1,1,1-Trichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34516	1,1,2,2-Tetrachloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.19	ug/L	0.19	Hydrochloric Acid
34511	1,1,2-Trichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34496	1,1-Dichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34501	1,1-Dichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77443	1,2,3-Trichloropropane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.33	ug/L	0.33	Hydrochloric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.55	ug/L	0.55	Hydrochloric Acid
NA	1,2-Dibromoethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34536	1,2-Dichlorobenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.28	ug/L	0.28	Hydrochloric Acid
34531	1,2-Dichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34541	1,2-Dichloropropane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	1,3-Dichloropropene (Total)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.52	ug/L	0.52	Hydrochloric Acid
34571	1,4-Dichlorobenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	2-Hexanone (MBK)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
[redacted]	4-Methyl-2-pentanone (MIBK)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.35	ug/L	0.35	Hydrochloric Acid
[redacted]	Acetone	Pump	N	SW8260B	7/7/2003 12:57:0	2.5	ug/L	0.71	Hydrochloric Acid
34215	Acrylonitrile	Pump	N	SW8260B	7/7/2003 12:57:0	< 1.6	ug/L	1.6	Hydrochloric Acid
34030	Benzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.30	ug/L	0.30	Hydrochloric Acid
73085	Bromochloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
32101	Bromodichloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.29	ug/L	0.29	Hydrochloric Acid
32104	Bromoform	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34413	Bromomethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.47	ug/L	0.47	Hydrochloric Acid
77041	Carbon Disulfide	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.41	ug/L	0.41	Hydrochloric Acid
32102	Carbon Tetrachloride	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34301	Chlorobenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.31	ug/L	0.31	Hydrochloric Acid
31311	Chloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.47	ug/L	0.47	Hydrochloric Acid
32106	Chloroform	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.41	ug/L	0.41	Hydrochloric Acid
34418	Chloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.43	ug/L	0.43	Hydrochloric Acid
77093	Cis-1,2-dichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34704	Cis-1,3-dichloropropene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
32105	Dibromochloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
NA	Dibromomethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34371	Ethylbenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	Iodomethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.40	ug/L	0.40	Hydrochloric Acid
NA	Methyl ethyl ketone	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34423	Methylene Chloride	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.21	ug/L	0.21	Hydrochloric Acid
77128	Styrene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34475	Tetrachloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.43	ug/L	0.43	Hydrochloric Acid
78131	Toluene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.29	ug/L	0.29	Hydrochloric Acid
34546	Trans-1,2-dichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.50	ug/L	0.50	Hydrochloric Acid
34699	Trans-1,3-dichloropropene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
[redacted]	Trans-1,4-dichloro-2-butene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.52	ug/L	0.52	Hydrochloric Acid
39180	Trichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.43	ug/L	0.43	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

Name: MWB-11I(R)

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): N/A

Lab Code: J033736-05

Sampling Date/Time 7/2/2003 09:32:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
34488	Trichlorofluoromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77057	Vinyl Acetate	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.31	ug/L	0.31	Hydrochloric Acid
39175	Vinyl Chloride	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.49	ug/L	0.49	Hydrochloric Acid
81551	Xylenes (Total)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.86	ug/L	0.86	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

Name: MWB-12S

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 114.96

Lab Code: J033718-06

Sampling Date/Time 7/1/2003 18:34:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type: ( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
NA	Color/Sheen	Pump	N	Field	7/1/2003 18:34:0	DkBrn		N/A	Field
NA	Conductivity	Pump	N	Field	7/1/2003 18:34:0	120	µmhos/cm	N/A	Field
NA	Dissolved Oxygen	Pump	N	Field	7/1/2003 18:34:0	2.5	mg/L O2	N/A	Field
00400	pH (Field)	Pump	N	Field	7/1/2003 18:34:0	5.47	pH Units	N/A	Field
NA	Temperature	Pump	N	Field	7/1/2003 18:34:0	23	°C	N/A	Field
NA	Turbidity	Pump	N	Field	7/1/2003 18:34:0	18	NTU	N/A	Field
70300	Total Dissolved Solids	Pump	N	E160.1	7/8/2003 10:35:0	80	mg/L	10	4 degrees C
00940	Total Chlorides	Pump	N	E325.2	7/7/2003 14:16:0	5.9	mg/L	0.50	4 degrees C
NA	Ammonia (as N)	Pump	N	E350.1	7/8/2003 13:15:0	0.53	mg/L	0.020	Sulfuric Acid
00620	Nitrate (as N)	Pump	N	SM4500NO3-F	7/2/2003 14:56:0	0.41	mg/L	0.13	4 degrees C
01002	Arsenic	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.0016	mg/L	0.0016	Nitric Acid
01007	Barium	Pump	N	SW6010B	7/3/2003 18:38:0	0.0062	mg/L	0.00076	Nitric Acid
01012	Beryllium	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.000059	mg/L	0.000059	Nitric Acid
01027	Cadmium	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.00036	mg/L	0.00036	Nitric Acid
01034	Chromium	Pump	N	SW6010B	7/3/2003 18:38:0	0.0020	mg/L	0.0010	Nitric Acid
01037	Cobalt	Pump	N	SW6010B	7/3/2003 18:38:0	0.00054	mg/L	0.00025	Nitric Acid
01042	Copper	Pump	N	SW6010B	7/3/2003 18:38:0	0.0016	mg/L	0.0011	Nitric Acid
[redacted]	Iron	Pump	N	SW6010B	7/3/2003 18:38:0	0.12	mg/L	0.019	Nitric Acid
[redacted]	Lead	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.00091	mg/L	0.00091	Nitric Acid
01067	Nickel	Pump	N	SW6010B	7/3/2003 18:38:0	0.00091	mg/L	0.00085	Nitric Acid
01147	Selenium	Pump	N	SW6010B	7/3/2003 18:38:0	0.0059	mg/L	0.0022	Nitric Acid
01077	Silver	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.00017	mg/L	0.00017	Nitric Acid
00929	Sodium	Pump	N	SW6010B	7/3/2003 18:38:0	3.6	mg/L	0.049	Nitric Acid
01087	Vanadium	Pump	N	SW6010B	7/3/2003 18:38:0	0.017	mg/L	0.00016	Nitric Acid
01092	Zinc	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.0025	mg/L	0.0025	Nitric Acid
01097	Antimony	Pump	N	SW7041A	7/8/2003 13:29:0	< 0.0034	mg/L	0.0034	Nitric Acid
71900	Mercury	Pump	N	SW7470A	7/8/2003 09:13:0	< 0.000018	mg/L	0.000018	Nitric Acid
01087	Thallium	Pump	N	SW7841	7/3/2003 12:50:0	< 0.00098	mg/L	0.00098	Nitric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	E504.1	7/12/2003 10:57:	< 0.0034	ug/L	0.0034	4 degrees C
NA	Ethylene Dibromide	Pump	N	E504.1	7/12/2003 10:57:	< 0.0069	ug/L	0.0069	4 degrees C
77562	1,1,1,2-Tetrachloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.27	ug/L	0.27	Hydrochloric Acid
64506	1,1,1-Trichloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34516	1,1,2,2-Tetrachloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.19	ug/L	0.19	Hydrochloric Acid
34511	1,1,2-Trichloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34496	1,1-Dichloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34501	1,1-Dichloroethene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77443	1,2,3-Trichloropropane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.33	ug/L	0.33	Hydrochloric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.55	ug/L	0.55	Hydrochloric Acid
NA	1,2-Dibromoethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34536	1,2-Dichlorobenzene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.28	ug/L	0.28	Hydrochloric Acid
34531	1,2-Dichloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34541	1,2-Dichloropropane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	1,3-Dichloropropene (Total)	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.52	ug/L	0.52	Hydrochloric Acid
[redacted]	1,4-Dichlorobenzene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.30	ug/L	0.30	Hydrochloric Acid
[redacted]	2-Hexanone (MBK)	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	4-Methyl-2-pentanone (MIBK)	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.35	ug/L	0.35	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

Name: MWB-12S

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 114.96

Lab Code: J033718-06

Sampling Date/Time 7/1/2003 18:34:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
81552	Acetone	Pump	N	SW8260B	7/3/2003 19:10:0	2.3	ug/L	0.71	Hydrochloric Acid
34215	Acrylonitrile	Pump	N	SW8260B	7/3/2003 19:10:0	< 1.6	ug/L	1.6	Hydrochloric Acid
34030	Benzene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.30	ug/L	0.30	Hydrochloric Acid
73085	Bromochloromethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
32101	Bromodichloromethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.29	ug/L	0.29	Hydrochloric Acid
32104	Bromoform	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34413	Bromomethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.47	ug/L	0.47	Hydrochloric Acid
77041	Carbon Disulfide	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.41	ug/L	0.41	Hydrochloric Acid
32102	Carbon Tetrachloride	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34301	Chlorobenzene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.31	ug/L	0.31	Hydrochloric Acid
31311	Chloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.47	ug/L	0.47	Hydrochloric Acid
32106	Chloroform	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.41	ug/L	0.41	Hydrochloric Acid
34418	Chloromethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.43	ug/L	0.43	Hydrochloric Acid
77093	Cis-1,2-dichloroethene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34704	Cis-1,3-dichloropropene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.27	ug/L	0.27	Hydrochloric Acid
32105	Dibromochloromethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
NA	Dibromomethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.34	ug/L	0.34	Hydrochloric Acid
[redacted]	Ethylbenzene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.27	ug/L	0.27	Hydrochloric Acid
[redacted]	Iodomethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.40	ug/L	0.40	Hydrochloric Acid
NA	Methyl ethyl ketone	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34423	Methylene Chloride	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.21	ug/L	0.21	Hydrochloric Acid
77128	Styrene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34475	Tetrachloroethene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.43	ug/L	0.43	Hydrochloric Acid
78131	Toluene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.29	ug/L	0.29	Hydrochloric Acid
34546	Trans-1,2-dichloroethene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.50	ug/L	0.50	Hydrochloric Acid
34699	Trans-1,3-dichloropropene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
77268	Trans-1,4-dichloro-2-butene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.52	ug/L	0.52	Hydrochloric Acid
39180	Trichloroethene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.43	ug/L	0.43	Hydrochloric Acid
34488	Trichlorofluoromethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77057	Vinyl Acetate	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.31	ug/L	0.31	Hydrochloric Acid
39175	Vinyl Chloride	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.49	ug/L	0.49	Hydrochloric Acid
81551	Xylenes (Total)	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.86	ug/L	0.86	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

Name: MWB-12I

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 116.14

Lab Code: J033718-05

Sampling Date/Time 7/1/2003 18:50:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type: ( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
NA	Color/Sheen	Pump	N	Field	7/1/2003 18:50:0	None		N/A	Field
NA	Conductivity	Pump	N	Field	7/1/2003 18:50:0	41	µmhos/cm	N/A	Field
NA	Dissolved Oxygen	Pump	N	Field	7/1/2003 18:50:0	1.1	mg/L O2	N/A	Field
00400	pH (Field)	Pump	N	Field	7/1/2003 18:50:0	5.40	pH Units	N/A	Field
NA	Temperature	Pump	N	Field	7/1/2003 18:50:0	23		N/A	Field
NA	Turbidity	Pump	N	Field	7/1/2003 18:50:0	4.0	NTU	N/A	Field
70300	Total Dissolved Solids	Pump	N	E160.1	7/8/2003 10:35:0	36	mg/L	10	4 degrees C
00940	Total Chlorides	Pump	N	E325.2	7/7/2003 14:16:0	3.0	mg/L	0.50	4 degrees C
NA	Ammonia (as N)	Pump	N	E350.1	7/8/2003 13:15:0	0.26	mg/L	0.020	Sulfuric Acid
00620	Nitrate (as N)	Pump	N	SM4500NO3-F	7/2/2003 14:56:0	< 0.13	mg/L	0.13	4 degrees C
01002	Arsenic	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.0016	mg/L	0.0016	Nitric Acid
01007	Barium	Pump	N	SW6010B	7/3/2003 18:38:0	0.058	mg/L	0.00076	Nitric Acid
01012	Beryllium	Pump	N	SW6010B	7/3/2003 18:38:0	0.00014	mg/L	0.000059	Nitric Acid
01027	Cadmium	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.00036	mg/L	0.00036	Nitric Acid
01034	Chromium	Pump	N	SW6010B	7/3/2003 18:38:0	0.0034	mg/L	0.0010	Nitric Acid
01037	Cobalt	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.00025	mg/L	0.00025	Nitric Acid
01042	Copper	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.0011	mg/L	0.0011	Nitric Acid
[redacted]	Iron	Pump	N	SW6010B	7/3/2003 18:38:0	0.54	mg/L	0.019	Nitric Acid
[redacted]	Lead	Pump	N	SW6010B	7/3/2003 18:38:0	0.0029	mg/L	0.00091	Nitric Acid
01067	Nickel	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.00085	mg/L	0.00085	Nitric Acid
01147	Selenium	Pump	N	SW6010B	7/3/2003 18:38:0	0.0036	mg/L	0.0022	Nitric Acid
01077	Silver	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.00017	mg/L	0.00017	Nitric Acid
00929	Sodium	Pump	N	SW6010B	7/3/2003 18:38:0	3.3	mg/L	0.049	Nitric Acid
01087	Vanadium	Pump	N	SW6010B	7/3/2003 18:38:0	0.0055	mg/L	0.00016	Nitric Acid
01092	Zinc	Pump	N	SW6010B	7/3/2003 18:38:0	0.0037	mg/L	0.0025	Nitric Acid
01097	Antimony	Pump	N	SW7041A	7/8/2003 13:29:0	< 0.0034	mg/L	0.0034	Nitric Acid
71900	Mercury	Pump	N	SW7470A	7/8/2003 09:13:0	< 0.000018	mg/L	0.000018	Nitric Acid
01087	Thallium	Pump	N	SW7841	7/3/2003 12:50:0	< 0.00098	mg/L	0.00098	Nitric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	E504.1	7/12/2003 10:57:	< 0.0034	ug/L	0.0034	4 degrees C
NA	Ethylene Dibromide	Pump	N	E504.1	7/12/2003 10:57:	< 0.0069	ug/L	0.0069	4 degrees C
77562	1,1,1,2-Tetrachloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.27	ug/L	0.27	Hydrochloric Acid
64506	1,1,1-Trichloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34516	1,1,2,2-Tetrachloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.19	ug/L	0.19	Hydrochloric Acid
34511	1,1,2-Trichloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34496	1,1-Dichloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34501	1,1-Dichloroethene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77443	1,2,3-Trichloropropane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.33	ug/L	0.33	Hydrochloric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.55	ug/L	0.55	Hydrochloric Acid
NA	1,2-Dibromoethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34536	1,2-Dichlorobenzene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.28	ug/L	0.28	Hydrochloric Acid
34531	1,2-Dichloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34541	1,2-Dichloropropane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	1,3-Dichloropropene (Total)	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.52	ug/L	0.52	Hydrochloric Acid
34571	1,4-Dichlorobenzene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.30	ug/L	0.30	Hydrochloric Acid
[redacted]	2-Hexanone (MBK)	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	4-Methyl-2-pentanone (MIBK)	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.35	ug/L	0.35	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

Name: MWB-12I

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 116.14

Lab Code: J033718-05

Sampling Date/Time 7/1/2003 18:50:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
81552	Acetone	Pump	N	SW8260B	7/3/2003 19:10:0	2.0	ug/L	0.71	Hydrochloric Acid
34215	Acrylonitrile	Pump	N	SW8260B	7/3/2003 19:10:0	< 1.6	ug/L	1.6	Hydrochloric Acid
34030	Benzene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.30	ug/L	0.30	Hydrochloric Acid
73085	Bromochloromethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
32101	Bromodichloromethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.29	ug/L	0.29	Hydrochloric Acid
32104	Bromoform	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34413	Bromomethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.47	ug/L	0.47	Hydrochloric Acid
77041	Carbon Disulfide	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.41	ug/L	0.41	Hydrochloric Acid
32102	Carbon Tetrachloride	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34301	Chlorobenzene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.31	ug/L	0.31	Hydrochloric Acid
31311	Chloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.47	ug/L	0.47	Hydrochloric Acid
32106	Chloroform	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.41	ug/L	0.41	Hydrochloric Acid
34418	Chloromethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.43	ug/L	0.43	Hydrochloric Acid
77093	Cis-1,2-dichloroethene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34704	Cis-1,3-dichloropropene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.27	ug/L	0.27	Hydrochloric Acid
32105	Dibromochloromethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
NA	Dibromomethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.34	ug/L	0.34	Hydrochloric Acid
[redacted]	Ethylbenzene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.27	ug/L	0.27	Hydrochloric Acid
[redacted]	Iodomethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.40	ug/L	0.40	Hydrochloric Acid
NA	Methyl ethyl ketone	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34423	Methylene Chloride	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.21	ug/L	0.21	Hydrochloric Acid
77128	Styrene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34475	Tetrachloroethene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.43	ug/L	0.43	Hydrochloric Acid
78131	Toluene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.29	ug/L	0.29	Hydrochloric Acid
34546	Trans-1,2-dichloroethene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.50	ug/L	0.50	Hydrochloric Acid
34699	Trans-1,3-dichloropropene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
77268	Trans-1,4-dichloro-2-butene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.52	ug/L	0.52	Hydrochloric Acid
39180	Trichloroethene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.43	ug/L	0.43	Hydrochloric Acid
34488	Trichlorofluoromethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77057	Vinyl Acetate	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.31	ug/L	0.31	Hydrochloric Acid
39175	Vinyl Chloride	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.49	ug/L	0.49	Hydrochloric Acid
81551	Xylenes (Total)	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.86	ug/L	0.86	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

Well Name: MWB-12D

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 118.84

Lab Code: J033718-07

Sampling Date/Time 7/1/2003 18:32:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
NA	Color/Sheen	Pump	N	Field	7/1/2003 18:32:0	None		N/A	Field
NA	Conductivity	Pump	N	Field	7/1/2003 18:32:0	400	µmhos/cm	N/A	Field
NA	Dissolved Oxygen	Pump	N	Field	7/1/2003 18:32:0	0.80	mg/L O2	N/A	Field
00400	pH (Field)	Pump	N	Field	7/1/2003 18:32:0	7.22	pH Units	N/A	Field
NA	Temperature	Pump	N	Field	7/1/2003 18:32:0	23	°C	N/A	Field
NA	Turbidity	Pump	N	Field	7/1/2003 18:32:0	4.8	NTU	N/A	Field
70300	Total Dissolved Solids	Pump	N	E160.1	7/8/2003 10:35:0	210	mg/L	10	4 degrees C
00940	Total Chlorides	Pump	N	E325.2	7/7/2003 14:16:0	1.8	mg/L	0.50	4 degrees C
NA	Ammonia (as N)	Pump	N	E350.1	7/8/2003 13:15:0	0.33	mg/L	0.020	Sulfuric Acid
00620	Nitrate (as N)	Pump	N	SM4500NO3-F	7/2/2003 14:56:0	< 0.13	mg/L	0.13	4 degrees C
01002	Arsenic	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.0016	mg/L	0.0016	Nitric Acid
01007	Barium	Pump	N	SW6010B	7/3/2003 18:38:0	0.12	mg/L	0.00076	Nitric Acid
01012	Beryllium	Pump	N	SW6010B	7/3/2003 18:38:0	0.00014	mg/L	0.000059	Nitric Acid
01027	Cadmium	Pump	N	SW6010B	7/3/2003 18:38:0	0.00044	mg/L	0.00036	Nitric Acid
01034	Chromium	Pump	N	SW6010B	7/3/2003 18:38:0	0.0011	mg/L	0.0010	Nitric Acid
01037	Cobalt	Pump	N	SW6010B	7/3/2003 18:38:0	0.00043	mg/L	0.00025	Nitric Acid
01042	Copper	Pump	N	SW6010B	7/3/2003 18:38:0	0.0017	mg/L	0.0011	Nitric Acid
[redacted]	Iron	Pump	N	SW6010B	7/3/2003 18:38:0	0.79	mg/L	0.019	Nitric Acid
[redacted]	Lead	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.00091	mg/L	0.00091	Nitric Acid
01067	Nickel	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.00085	mg/L	0.00085	Nitric Acid
01147	Selenium	Pump	N	SW6010B	7/3/2003 18:38:0	0.0052	mg/L	0.0022	Nitric Acid
01077	Silver	Pump	N	SW6010B	7/3/2003 18:38:0	0.00030	mg/L	0.00017	Nitric Acid
00929	Sodium	Pump	N	SW6010B	7/3/2003 18:38:0	5.3	mg/L	0.049	Nitric Acid
01087	Vanadium	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.00016	mg/L	0.00016	Nitric Acid
01092	Zinc	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.0025	mg/L	0.0025	Nitric Acid
01097	Antimony	Pump	N	SW7041A	7/8/2003 13:29:0	< 0.0034	mg/L	0.0034	Nitric Acid
71900	Mercury	Pump	N	SW7470A	7/8/2003 09:13:0	< 0.000018	mg/L	0.000018	Nitric Acid
01087	Thallium	Pump	N	SW7841	7/3/2003 12:50:0	< 0.00098	mg/L	0.00098	Nitric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	E504.1	7/12/2003 10:57:	< 0.0034	ug/L	0.0034	4 degrees C
NA	Ethylene Dibromide	Pump	N	E504.1	7/12/2003 10:57:	< 0.0069	ug/L	0.0069	4 degrees C
77562	1,1,1,2-Tetrachloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.27	ug/L	0.27	Hydrochloric Acid
64506	1,1,1-Trichloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34516	1,1,2,2-Tetrachloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.19	ug/L	0.19	Hydrochloric Acid
34511	1,1,2-Trichloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34496	1,1-Dichloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34501	1,1-Dichloroethene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77443	1,2,3-Trichloropropane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.33	ug/L	0.33	Hydrochloric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.55	ug/L	0.55	Hydrochloric Acid
NA	1,2-Dibromoethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34536	1,2-Dichlorobenzene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.28	ug/L	0.28	Hydrochloric Acid
34531	1,2-Dichloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34541	1,2-Dichloropropane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	1,3-Dichloropropene (Total)	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.52	ug/L	0.52	Hydrochloric Acid
34571	1,4-Dichlorobenzene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.30	ug/L	0.30	Hydrochloric Acid
[redacted]	2-Hexanone (MBK)	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	4-Methyl-2-pentanone (MIBK)	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.35	ug/L	0.35	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

Name: MWB-12D

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 118.84

Lab Code: J033718-07

Sampling Date/Time 7/1/2003 18:32:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type: ( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
81552	Acetone	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.71	ug/L	0.71	Hydrochloric Acid
34215	Acrylonitrile	Pump	N	SW8260B	7/3/2003 19:10:0	< 1.6	ug/L	1.6	Hydrochloric Acid
34030	Benzene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.30	ug/L	0.30	Hydrochloric Acid
73085	Bromochloromethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
32101	Bromodichloromethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.29	ug/L	0.29	Hydrochloric Acid
32104	Bromoform	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34413	Bromomethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.47	ug/L	0.47	Hydrochloric Acid
77041	Carbon Disulfide	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.41	ug/L	0.41	Hydrochloric Acid
32102	Carbon Tetrachloride	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34301	Chlorobenzene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.31	ug/L	0.31	Hydrochloric Acid
31311	Chloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.47	ug/L	0.47	Hydrochloric Acid
32106	Chloroform	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.41	ug/L	0.41	Hydrochloric Acid
34418	Chloromethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.43	ug/L	0.43	Hydrochloric Acid
77093	Cis-1,2-dichloroethene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34704	Cis-1,3-dichloropropene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.27	ug/L	0.27	Hydrochloric Acid
32105	Dibromochloromethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
NA	Dibromomethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.34	ug/L	0.34	Hydrochloric Acid
[redacted]	Ethylbenzene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.27	ug/L	0.27	Hydrochloric Acid
[redacted]	Iodomethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.40	ug/L	0.40	Hydrochloric Acid
NA	Methyl ethyl ketone	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34423	Methylene Chloride	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.21	ug/L	0.21	Hydrochloric Acid
77128	Styrene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34475	Tetrachloroethene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.43	ug/L	0.43	Hydrochloric Acid
78131	Toluene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.29	ug/L	0.29	Hydrochloric Acid
34546	Trans-1,2-dichloroethene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.50	ug/L	0.50	Hydrochloric Acid
34699	Trans-1,3-dichloropropene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
77268	Trans-1,4-dichloro-2-butene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.52	ug/L	0.52	Hydrochloric Acid
39180	Trichloroethene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.43	ug/L	0.43	Hydrochloric Acid
34488	Trichlorofluoromethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77057	Vinyl Acetate	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.31	ug/L	0.31	Hydrochloric Acid
39175	Vinyl Chloride	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.49	ug/L	0.49	Hydrochloric Acid
81551	Xylenes (Total)	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.86	ug/L	0.86	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Site ID#: [redacted]

Name: MWB-19S

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 120.97

Lab Code: J033705-08

Sampling Date/Time 7/1/2003 07:53:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
NA	Color/Sheen	Pump	N	lor/Sheen Field Meth	7/1/2003 07:53:0	None		N/A	Field
NA	Conductivity	Pump	N	Field	7/1/2003 07:53:0	99	µmhos/cm	N/A	Field
NA	Dissolved Oxygen	Pump	N	Field	7/1/2003 07:53:0	0.80	mg/L O2	N/A	Field
00400	pH (Field)	Pump	N	Field	7/1/2003 07:53:0	5.00	pH Units	N/A	Field
NA	Temperature	Pump	N	Field	7/1/2003 07:53:0	25	°C	N/A	Field
NA	Turbidity	Pump	N	Field	7/1/2003 07:53:0	4.6	NTU	N/A	Field
70300	Total Dissolved Solids	Pump	N	E160.1	7/8/2003 07:30:0	85	mg/L	10	4 degrees C
00940	Total Chlorides	Pump	N	E325.2	7/1/703 10:50:00	9.6	mg/L	0.50	4 degrees C
NA	Ammonia (as N)	Pump	N	E350.1	7/8/2003 13:15:0	0.50	mg/L	0.020	Sulfuric Acid
00620	Nitrate (as N)	Pump	N	SM4500NO3-F	7/2/2003 09:47:0	< 0.13	mg/L	0.13	4 degrees C
01002	Arsenic	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0016	mg/L	0.0016	Nitric Acid
01007	Barium	Pump	N	SW6010B	7/2/2003 20:19:0	0.034	mg/L	0.00076	Nitric Acid
01012	Beryllium	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.000059	mg/L	0.000059	Nitric Acid
01027	Cadmium	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00036	mg/L	0.00036	Nitric Acid
01034	Chromium	Pump	N	SW6010B	7/2/2003 20:19:0	0.0011	mg/L	0.0010	Nitric Acid
01037	Cobalt	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00025	mg/L	0.00025	Nitric Acid
01042	Copper	Pump	N	SW6010B	7/2/2003 20:19:0	0.0014	mg/L	0.0011	Nitric Acid
[redacted]	Iron	Pump	N	SW6010B	7/2/2003 20:19:0	0:90⊃	mg/L	0.019	Nitric Acid
01051	Lead	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00091	mg/L	0.00091	Nitric Acid
01067	Nickel	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00085	mg/L	0.00085	Nitric Acid
01147	Selenium	Pump	N	SW6010B	7/2/2003 20:19:0	0.0056	mg/L	0.0022	Nitric Acid
01077	Silver	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00017	mg/L	0.00017	Nitric Acid
00929	Sodium	Pump	N	SW6010B	7/2/2003 20:19:0	5.1	mg/L	0.049	Nitric Acid
01087	Vanadium	Pump	N	SW6010B	7/2/2003 20:19:0	0.0021	mg/L	0.00016	Nitric Acid
01092	Zinc	Pump	N	SW6010B	7/2/2003 20:19:0	0.0041	mg/L	0.0025	Nitric Acid
01097	Antimony	Pump	N	SW7041A	7/8/2003 07:37:0	< 0.0034	mg/L	0.0034	Nitric Acid
71900	Mercury	Pump	N	SW7470A	7/8/2003 10:29:0	< 0.000018	mg/L	0.000018	Nitric Acid
01087	Thallium	Pump	N	SW7841	7/2/2003 16:14:0	< 0.00098	mg/L	0.00098	Nitric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	E504.1	7/11/2003 19:13:	< 0.0034	ug/L	0.0034	4 degrees C
NA	Ethylene Dibromide	Pump	N	E504.1	7/11/2003 19:13:	< 0.0069	ug/L	0.0069	4 degrees C
77562	1,1,1,2-Tetrachloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.27	ug/L	0.27	Hydrochloric Acid
64506	1,1,1-Trichloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34516	1,1,2,2-Tetrachloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.19	ug/L	0.19	Hydrochloric Acid
34511	1,1,2-Trichloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34496	1,1-Dichloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34501	1,1-Dichloroethene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77443	1,2,3-Trichloropropane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.33	ug/L	0.33	Hydrochloric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.55	ug/L	0.55	Hydrochloric Acid
NA	1,2-Dibromoethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34536	1,2-Dichlorobenzene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.28	ug/L	0.28	Hydrochloric Acid
34531	1,2-Dichloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34541	1,2-Dichloropropane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	1,3-Dichloropropene (Total)	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.52	ug/L	0.52	Hydrochloric Acid
[redacted]	1,4-Dichlorobenzene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.30	ug/L	0.30	Hydrochloric Acid
[redacted]	2-Hexanone (MBK)	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	4-Methyl-2-pentanone (MIBK)	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.35	ug/L	0.35	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

Well Name: MWB-19S

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 120.97

Lab Code: J033705-08

Sampling Date/Time 7/1/2003 07:53:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
81552	Acetone	Pump	N	SW8260B	7/1/2003 19:04:0	1.6	ug/L	0.71	Hydrochloric Acid
34215	Acrylonitrile	Pump	N	SW8260B	7/1/2003 19:04:0	< 1.6	ug/L	1.6	Hydrochloric Acid
34030	Benzene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.30	ug/L	0.30	Hydrochloric Acid
73085	Bromochloromethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.39	ug/L	0.39	Hydrochloric Acid
32101	Bromodichloromethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.29	ug/L	0.29	Hydrochloric Acid
32104	Bromoform	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34413	Bromomethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.47	ug/L	0.47	Hydrochloric Acid
77041	Carbon Disulfide	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.41	ug/L	0.41	Hydrochloric Acid
32102	Carbon Tetrachloride	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34301	Chlorobenzene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.31	ug/L	0.31	Hydrochloric Acid
31311	Chloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.47	ug/L	0.47	Hydrochloric Acid
32106	Chloroform	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.41	ug/L	0.41	Hydrochloric Acid
34418	Chloromethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.43	ug/L	0.43	Hydrochloric Acid
77093	Cis-1,2-dichloroethene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34704	Cis-1,3-dichloropropene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.27	ug/L	0.27	Hydrochloric Acid
32105	Dibromochloromethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
NA	Dibromomethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.34	ug/L	0.34	Hydrochloric Acid
[redacted]	Ethylbenzene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	Iodomethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.40	ug/L	0.40	Hydrochloric Acid
NA	Methyl ethyl ketone	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34423	Methylene Chloride	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.21	ug/L	0.21	Hydrochloric Acid
77128	Styrene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34475	Tetrachloroethene	Pump	N	SW8260B	7/1/2003 19:04:0	0.85	ug/L	0.43	Hydrochloric Acid
78131	Toluene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.29	ug/L	0.29	Hydrochloric Acid
34546	Trans-1,2-dichloroethene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.50	ug/L	0.50	Hydrochloric Acid
34699	Trans-1,3-dichloropropene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
77268	Trans-1,4-dichloro-2-butene	Pump	N	SW8260B	7/1/2003 19:04:0	1.3	ug/L	0.52	Hydrochloric Acid
39180	Trichloroethene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.43	ug/L	0.43	Hydrochloric Acid
34488	Trichlorofluoromethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77057	Vinyl Acetate	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.31	ug/L	0.31	Hydrochloric Acid
39175	Vinyl Chloride	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.49	ug/L	0.49	Hydrochloric Acid
81551	Xylenes (Total)	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.86	ug/L	0.86	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

Well Name: MWB-19I

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 120.60

Lab Code: J033705-09

Sampling Date/Time 7/1/2003 07:34:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type: ( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
NA	Color/Sheen	Pump	N	lor/Sheen Field Meth	7/1/2003 07:34:0	WhTan		N/A	Field
NA	Conductivity	Pump	N	Field	7/1/2003 07:34:0	39	µmhos/cm	N/A	Field
NA	Dissolved Oxygen	Pump	N	Field	7/1/2003 07:34:0	0.90	mg/L O2	N/A	Field
00400	pH (Field)	Pump	N	Field	7/1/2003 07:34:0	4.41	pH Units	N/A	Field
NA	Temperature	Pump	N	Field	7/1/2003 07:34:0	22	°C	N/A	Field
NA	Turbidity	Pump	N	Field	7/1/2003 07:34:0	<75>	NTU	N/A	Field
70300	Total Dissolved Solids	Pump	N	E160.1	7/8/2003 07:30:0	54	mg/L	10	4 degrees C
00940	Total Chlorides	Pump	N	E325.2	7/1/703 10:50:00	4.8	mg/L	0.50	4 degrees C
NA	Ammonia (as N)	Pump	N	E350.1	7/8/2003 13:15:0	0.21	mg/L	0.020	Sulfuric Acid
00620	Nitrate (as N)	Pump	N	SM4500NO3-F	7/2/2003 09:47:0	< 0.13	mg/L	0.13	4 degrees C
01002	Arsenic	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0016	mg/L	0.0016	Nitric Acid
NA	Arsenic, dissolved	Pump	Y	SW6010B	7/2/2003 20:19:0	< 0.0016	mg/L	0.0016	
01007	Barium	Pump	N	SW6010B	7/2/2003 20:19:0	0.11	mg/L	0.00076	Nitric Acid
NA	Barium, dissolved	Pump	Y	SW6010B	7/2/2003 20:19:0	0.054	mg/L	0.00076	
01012	Beryllium	Pump	N	SW6010B	7/2/2003 20:19:0	0.00059	mg/L	0.000059	Nitric Acid
NA	Beryllium, dissolved	Pump	Y	SW6010B	7/2/2003 20:19:0	0.00011	mg/L	0.000059	
01027	Cadmium	Pump	N	SW6010B	7/2/2003 20:19:0	0.00071	mg/L	0.00036	Nitric Acid
[redacted]	Cadmium, dissolved	Pump	Y	SW6010B	7/2/2003 20:19:0	< 0.00036	mg/L	0.00036	
[redacted]	Chromium	Pump	N	SW6010B	7/2/2003 20:19:0	0.0075	mg/L	0.0010	Nitric Acid
NA	Chromium, dissolved	Pump	Y	SW6010B	7/2/2003 20:19:0	< 0.0010	mg/L	0.0010	
01037	Cobalt	Pump	N	SW6010B	7/2/2003 20:19:0	0.0038	mg/L	0.00025	Nitric Acid
NA	Cobalt, dissolved	Pump	Y	SW6010B	7/2/2003 20:19:0	0.00035	mg/L	0.00025	
01042	Copper	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0011	mg/L	0.0011	Nitric Acid
NA	Copper, dissolved	Pump	Y	SW6010B	7/2/2003 20:19:0	< 0.0011	mg/L	0.0011	
01045	Iron	Pump	N	SW6010B	7/2/2003 20:19:0	<1:3>	mg/L	0.019	Nitric Acid
NA	Iron, dissolved	Pump	Y	SW6010B	7/2/2003 20:19:0	<0:49>	mg/L	0.019	
01051	Lead	Pump	N	SW6010B	7/2/2003 20:19:0	0.0033	mg/L	0.00091	Nitric Acid
NA	Lead, dissolved	Pump	Y	SW6010B	7/2/2003 20:19:0	< 0.00091	mg/L	0.00091	
01067	Nickel	Pump	N	SW6010B	7/2/2003 20:19:0	0.0085	mg/L	0.00085	Nitric Acid
NA	Nickel, dissolved	Pump	Y	SW6010B	7/2/2003 20:19:0	< 0.00085	mg/L	0.00085	
01147	Selenium	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0022	mg/L	0.0022	Nitric Acid
NA	Selenium, dissolved	Pump	Y	SW6010B	7/2/2003 20:19:0	< 0.0022	mg/L	0.0022	
01077	Silver	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00017	mg/L	0.00017	Nitric Acid
NA	Silver, dissolved	Pump	Y	SW6010B	7/2/2003 20:19:0	< 0.00017	mg/L	0.00017	
00929	Sodium	Pump	N	SW6010B	7/2/2003 20:19:0	3.2	mg/L	0.049	Nitric Acid
NA	Sodium, dissolved	Pump	Y	SW6010B	7/2/2003 20:19:0	3.6	mg/L	0.049	
01087	Vanadium	Pump	N	SW6010B	7/2/2003 20:19:0	0.0095	mg/L	0.00016	Nitric Acid
NA	Vanadium, dissolved	Pump	Y	SW6010B	7/2/2003 20:19:0	0.0013	mg/L	0.00016	
01092	Zinc	Pump	N	SW6010B	7/2/2003 20:19:0	0.023	mg/L	0.0025	Nitric Acid
NA	Zinc, dissolved	Pump	Y	SW6010B	7/2/2003 20:19:0	0.0038	mg/L	0.0025	
01097	Antimony	Pump	N	SW7041A	7/8/2003 07:37:0	< 0.0034	mg/L	0.0034	Nitric Acid
NA	Antimony, Dissolved	Pump	Y	SW7041A	7/8/2003 07:37:0	< 0.0034	mg/L	0.0034	
71900	Mercury	Pump	N	SW7470A	7/8/2003 10:29:0	< 0.000018	mg/L	0.000018	Nitric Acid
[redacted]	Mercury, dissolved	Pump	Y	SW7470A	7/8/2003 10:29:0	< 0.000018	mg/L	0.000018	
[redacted]	Thallium	Pump	N	SW7841	7/2/2003 16:14:0	< 0.00098	mg/L	0.00098	Nitric Acid
NA	Thallium, dissolved	Pump	Y	SW7841	7/2/2003 16:14:0	< 0.00098	mg/L	0.00098	

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

Name: MWB-19I

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 120.60

Lab Code: J033705-09

Sampling Date/Time 7/1/2003 07:34:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type: ( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
38760	1,2-Dibromo-3-chloropropane	Pump	N	E504.1	7/11/2003 19:13:	< 0.0034	ug/L	0.0034	4 degrees C
NA	Ethylene Dibromide	Pump	N	E504.1	7/11/2003 19:13:	< 0.0069	ug/L	0.0069	4 degrees C
77562	1,1,1,2-Tetrachloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.27	ug/L	0.27	Hydrochloric Acid
64506	1,1,1-Trichloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34516	1,1,2,2-Tetrachloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.19	ug/L	0.19	Hydrochloric Acid
34511	1,1,2-Trichloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34496	1,1-Dichloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34501	1,1-Dichloroethene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77443	1,2,3-Trichloropropane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.33	ug/L	0.33	Hydrochloric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.55	ug/L	0.55	Hydrochloric Acid
NA	1,2-Dibromoethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34536	1,2-Dichlorobenzene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.28	ug/L	0.28	Hydrochloric Acid
34531	1,2-Dichloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34541	1,2-Dichloropropane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	1,3-Dichloropropene (Total)	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.52	ug/L	0.52	Hydrochloric Acid
34571	1,4-Dichlorobenzene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	2-Hexanone (MBK)	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.27	ug/L	0.27	Hydrochloric Acid
[redacted]	4-Methyl-2-pentanone (MIBK)	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.35	ug/L	0.35	Hydrochloric Acid
[redacted]	Acetone	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.71	ug/L	0.71	Hydrochloric Acid
34215	Acrylonitrile	Pump	N	SW8260B	7/1/2003 19:04:0	< 1.6	ug/L	1.6	Hydrochloric Acid
34030	Benzene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.30	ug/L	0.30	Hydrochloric Acid
73085	Bromochloromethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.39	ug/L	0.39	Hydrochloric Acid
32101	Bromodichloromethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.29	ug/L	0.29	Hydrochloric Acid
32104	Bromoform	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34413	Bromomethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.47	ug/L	0.47	Hydrochloric Acid
77041	Carbon Disulfide	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.41	ug/L	0.41	Hydrochloric Acid
32102	Carbon Tetrachloride	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34301	Chlorobenzene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.31	ug/L	0.31	Hydrochloric Acid
31311	Chloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.47	ug/L	0.47	Hydrochloric Acid
32106	Chloroform	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.41	ug/L	0.41	Hydrochloric Acid
34418	Chloromethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.43	ug/L	0.43	Hydrochloric Acid
77093	Cis-1,2-dichloroethene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34704	Cis-1,3-dichloropropene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.27	ug/L	0.27	Hydrochloric Acid
32105	Dibromochloromethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
NA	Dibromomethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34371	Ethylbenzene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	Iodomethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.40	ug/L	0.40	Hydrochloric Acid
NA	Methyl ethyl ketone	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34423	Methylene Chloride	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.21	ug/L	0.21	Hydrochloric Acid
77128	Styrene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34475	Tetrachloroethene	Pump	N	SW8260B	7/1/2003 19:04:0	1.8	ug/L	0.43	Hydrochloric Acid
78131	Toluene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.29	ug/L	0.29	Hydrochloric Acid
34546	Trans-1,2-dichloroethene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.50	ug/L	0.50	Hydrochloric Acid
[redacted]	Trans-1,3-dichloropropene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
[redacted]	Trans-1,4-dichloro-2-butene	Pump	N	SW8260B	7/1/2003 19:04:0	1.3	ug/L	0.52	Hydrochloric Acid
39180	Trichloroethene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.43	ug/L	0.43	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

Well Name: MWB-19I

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 120.60

Lab Code: J033705-09

Sampling Date/Time 7/1/2003 07:34:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
34488	Trichlorofluoromethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77057	Vinyl Acetate	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.31	ug/L	0.31	Hydrochloric Acid
39175	Vinyl Chloride	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.49	ug/L	0.49	Hydrochloric Acid
81551	Xylenes (Total)	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.86	ug/L	0.86	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

Well Name: MWB-19D

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 121.11

Lab Code: J033705-10

Sampling Date/Time 7/1/2003 07:01:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
NA	Color/Sheen	Pump	N	lor/Sheen Field Meth	7/1/2003 07:01:0	None		N/A	Field
NA	Conductivity	Pump	N	Field	7/1/2003 07:01:0	370	µmhos/cm	N/A	Field
NA	Dissolved Oxygen	Pump	N	Field	7/1/2003 07:01:0	0.90	mg/L O2	N/A	Field
00400	pH (Field)	Pump	N	Field	7/1/2003 07:01:0	7.15	pH Units	N/A	Field
NA	Temperature	Pump	N	Field	7/1/2003 07:01:0	22	°C	N/A	Field
NA	Turbidity	Pump	N	Field	7/1/2003 07:01:0	6.8	NTU	N/A	Field
70300	Total Dissolved Solids	Pump	N	E160.1	7/8/2003 07:30:0	220	mg/L	10	4 degrees C
00940	Total Chlorides	Pump	N	E325.2	7/1/703 10:50:00	2.3	mg/L	0.50	4 degrees C
NA	Ammonia (as N)	Pump	N	E350.1	7/8/2003 13:15:0	0.34	mg/L	0.020	Sulfuric Acid
00620	Nitrate (as N)	Pump	N	SM4500NO3-F	7/2/2003 09:47:0	< 0.13	mg/L	0.13	4 degrees C
01002	Arsenic	Pump	N	SW6010B	7/2/2003 20:19:0	0.0028	mg/L	0.0016	Nitric Acid
01007	Barium	Pump	N	SW6010B	7/2/2003 20:19:0	0.13	mg/L	0.00076	Nitric Acid
01012	Beryllium	Pump	N	SW6010B	7/2/2003 20:19:0	0.0018	mg/L	0.000059	Nitric Acid
01027	Cadmium	Pump	N	SW6010B	7/2/2003 20:19:0	0.00081	mg/L	0.00036	Nitric Acid
01034	Chromium	Pump	N	SW6010B	7/2/2003 20:19:0	0.012	mg/L	0.0010	Nitric Acid
01037	Cobalt	Pump	N	SW6010B	7/2/2003 20:19:0	0.0012	mg/L	0.00025	Nitric Acid
01042	Copper	Pump	N	SW6010B	7/2/2003 20:19:0	0.0032	mg/L	0.0011	Nitric Acid
[redacted]	Iron	Pump	N	SW6010B	7/2/2003 20:19:0	4.8	mg/L	0.019	Nitric Acid
[redacted]	Lead	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00091	mg/L	0.00091	Nitric Acid
01067	Nickel	Pump	N	SW6010B	7/2/2003 20:19:0	0.0048	mg/L	0.00085	Nitric Acid
01147	Selenium	Pump	N	SW6010B	7/2/2003 20:19:0	0.0076	mg/L	0.0022	Nitric Acid
01077	Silver	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00017	mg/L	0.00017	Nitric Acid
00929	Sodium	Pump	N	SW6010B	7/2/2003 20:19:0	4.4	mg/L	0.049	Nitric Acid
01087	Vanadium	Pump	N	SW6010B	7/2/2003 20:19:0	0.019	mg/L	0.00016	Nitric Acid
01092	Zinc	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0025	mg/L	0.0025	Nitric Acid
01097	Antimony	Pump	N	SW7041A	7/8/2003 07:37:0	< 0.0034	mg/L	0.0034	Nitric Acid
71900	Mercury	Pump	N	SW7470A	7/8/2003 10:29:0	< 0.000018	mg/L	0.000018	Nitric Acid
01087	Thallium	Pump	N	SW7841	7/2/2003 16:14:0	< 0.00098	mg/L	0.00098	Nitric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	E504.1	7/11/2003 19:13:	< 0.0034	ug/L	0.0034	4 degrees C
NA	Ethylene Dibromide	Pump	N	E504.1	7/11/2003 19:13:	< 0.0069	ug/L	0.0069	4 degrees C
77562	1,1,1,2-Tetrachloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.27	ug/L	0.27	Hydrochloric Acid
64506	1,1,1-Trichloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34516	1,1,2,2-Tetrachloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.19	ug/L	0.19	Hydrochloric Acid
34511	1,1,2-Trichloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34496	1,1-Dichloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34501	1,1-Dichloroethene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77443	1,2,3-Trichloropropane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.33	ug/L	0.33	Hydrochloric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.55	ug/L	0.55	Hydrochloric Acid
NA	1,2-Dibromoethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34536	1,2-Dichlorobenzene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.28	ug/L	0.28	Hydrochloric Acid
34531	1,2-Dichloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34541	1,2-Dichloropropane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	1,3-Dichloropropene (Total)	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.52	ug/L	0.52	Hydrochloric Acid
[redacted]	1,4-Dichlorobenzene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.30	ug/L	0.30	Hydrochloric Acid
[redacted]	2-Hexanone (MBK)	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	4-Methyl-2-pentanone (MIBK)	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.35	ug/L	0.35	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

Name: MWB-19D

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 121.11

Lab Code: J033705-10

Sampling Date/Time 7/1/2003 07:01:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type: ( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
81552	Acetone	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.71	ug/L	0.71	Hydrochloric Acid
34215	Acrylonitrile	Pump	N	SW8260B	7/1/2003 19:04:0	< 1.6	ug/L	1.6	Hydrochloric Acid
34030	Benzene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.30	ug/L	0.30	Hydrochloric Acid
73085	Bromochloromethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.39	ug/L	0.39	Hydrochloric Acid
32101	Bromodichloromethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.29	ug/L	0.29	Hydrochloric Acid
32104	Bromoform	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34413	Bromomethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.47	ug/L	0.47	Hydrochloric Acid
77041	Carbon Disulfide	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.41	ug/L	0.41	Hydrochloric Acid
32102	Carbon Tetrachloride	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34301	Chlorobenzene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.31	ug/L	0.31	Hydrochloric Acid
31311	Chloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.47	ug/L	0.47	Hydrochloric Acid
32106	Chloroform	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.41	ug/L	0.41	Hydrochloric Acid
34418	Chloromethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.43	ug/L	0.43	Hydrochloric Acid
77093	Cis-1,2-dichloroethene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34704	Cis-1,3-dichloropropene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.27	ug/L	0.27	Hydrochloric Acid
32105	Dibromochloromethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
NA	Dibromomethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.34	ug/L	0.34	Hydrochloric Acid
[redacted]	Ethylbenzene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.27	ug/L	0.27	Hydrochloric Acid
[redacted]	Iodomethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.40	ug/L	0.40	Hydrochloric Acid
NA	Methyl ethyl ketone	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34423	Methylene Chloride	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.21	ug/L	0.21	Hydrochloric Acid
77128	Styrene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34475	Tetrachloroethene	Pump	N	SW8260B	7/1/2003 19:04:0	1.1	ug/L	0.43	Hydrochloric Acid
78131	Toluene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.29	ug/L	0.29	Hydrochloric Acid
34546	Trans-1,2-dichloroethene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.50	ug/L	0.50	Hydrochloric Acid
34699	Trans-1,3-dichloropropene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
77268	Trans-1,4-dichloro-2-butene	Pump	N	SW8260B	7/1/2003 19:04:0	1.3	ug/L	0.52	Hydrochloric Acid
39180	Trichloroethene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.43	ug/L	0.43	Hydrochloric Acid
34488	Trichlorofluoromethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77057	Vinyl Acetate	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.31	ug/L	0.31	Hydrochloric Acid
39175	Vinyl Chloride	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.49	ug/L	0.49	Hydrochloric Acid
81551	Xylenes (Total)	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.86	ug/L	0.86	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

Name: MWB-20S

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 113.46

Lab Code: J033705-14

Sampling Date/Time 7/1/2003 08:40:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
NA	Color/Sheen	Pump	N	lor/Sheen Field Meth	7/1/2003 08:40:0	None		N/A	Field
NA	Conductivity	Pump	N	Field	7/1/2003 08:40:0	140	µmhos/cm	N/A	Field
NA	Dissolved Oxygen	Pump	N	Field	7/1/2003 08:40:0	0.80	mg/L O2	N/A	Field
00400	pH (Field)	Pump	N	Field	7/1/2003 08:40:0	4.21	pH Units	N/A	Field
NA	Temperature	Pump	N	Field	7/1/2003 08:40:0	28	°C	N/A	Field
NA	Turbidity	Pump	N	Field	7/1/2003 08:40:0	2.1	NTU	N/A	Field
70300	Total Dissolved Solids	Pump	N	E160.1	7/8/2003 07:30:0	92	mg/L	10	4 degrees C
00940	Total Chlorides	Pump	N	E325.2	7/1/703 10:50:00	11	mg/L	0.50	4 degrees C
NA	Ammonia (as N)	Pump	N	E350.1	7/8/2003 13:15:0	1.5	mg/L	0.020	Sulfuric Acid
00620	Nitrate (as N)	Pump	N	SM4500NO3-F	7/2/2003 09:47:0	< 0.13	mg/L	0.13	4 degrees C
01002	Arsenic	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0016	mg/L	0.0016	Nitric Acid
01007	Barium	Pump	N	SW6010B	7/2/2003 20:19:0	0.035	mg/L	0.00076	Nitric Acid
01012	Beryllium	Pump	N	SW6010B	7/2/2003 20:19:0	0.00015	mg/L	0.000059	Nitric Acid
01027	Cadmium	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00036	mg/L	0.00036	Nitric Acid
01034	Chromium	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0010	mg/L	0.0010	Nitric Acid
01037	Cobalt	Pump	N	SW6010B	7/2/2003 20:19:0	0.00029	mg/L	0.00025	Nitric Acid
01042	Copper	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0011	mg/L	0.0011	Nitric Acid
[redacted]	Iron	Pump	N	SW6010B	7/2/2003 20:19:0	<0.51>	mg/L	0.019	Nitric Acid
[redacted]	Lead	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00091	mg/L	0.00091	Nitric Acid
01067	Nickel	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00085	mg/L	0.00085	Nitric Acid
01147	Selenium	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0022	mg/L	0.0022	Nitric Acid
01077	Silver	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00017	mg/L	0.00017	Nitric Acid
00929	Sodium	Pump	N	SW6010B	7/2/2003 20:19:0	5.8	mg/L	0.049	Nitric Acid
01087	Vanadium	Pump	N	SW6010B	7/2/2003 20:19:0	0.0020	mg/L	0.00016	Nitric Acid
01092	Zinc	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0025	mg/L	0.0025	Nitric Acid
01097	Antimony	Pump	N	SW7041A	7/8/2003 07:37:0	< 0.0034	mg/L	0.0034	Nitric Acid
71900	Mercury	Pump	N	SW7470A	7/8/2003 10:29:0	< 0.000018	mg/L	0.000018	Nitric Acid
01087	Thallium	Pump	N	SW7841	7/2/2003 16:14:0	< 0.00098	mg/L	0.00098	Nitric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	E504.1	7/11/2003 19:13:	< 0.0034	ug/L	0.0034	4 degrees C
NA	Ethylene Dibromide	Pump	N	E504.1	7/11/2003 19:13:	< 0.0069	ug/L	0.0069	4 degrees C
77562	1,1,1,2-Tetrachloroethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.27	ug/L	0.27	Hydrochloric Acid
64506	1,1,1-Trichloroethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34516	1,1,2,2-Tetrachloroethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.19	ug/L	0.19	Hydrochloric Acid
34511	1,1,2-Trichloroethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34496	1,1-Dichloroethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34501	1,1-Dichloroethene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77443	1,2,3-Trichloropropane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.33	ug/L	0.33	Hydrochloric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.55	ug/L	0.55	Hydrochloric Acid
NA	1,2-Dibromoethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34536	1,2-Dichlorobenzene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.28	ug/L	0.28	Hydrochloric Acid
34531	1,2-Dichloroethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34541	1,2-Dichloropropane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	1,3-Dichloropropene (Total)	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.52	ug/L	0.52	Hydrochloric Acid
[redacted]	1,4-Dichlorobenzene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.30	ug/L	0.30	Hydrochloric Acid
[redacted]	2-Hexanone (MBK)	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	4-Methyl-2-pentanone (MIBK)	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.35	ug/L	0.35	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

Name: MWB-20S

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 113.46

Lab Code: J033705-14

Sampling Date/Time 7/1/2003 08:40:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
81552	Acetone	Pump	N	SW8260B	7/2/2003 19:20:0	1.5	ug/L	0.71	Hydrochloric Acid
34215	Acrylonitrile	Pump	N	SW8260B	7/2/2003 19:20:0	< 1.6	ug/L	1.6	Hydrochloric Acid
34030	Benzene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.30	ug/L	0.30	Hydrochloric Acid
73085	Bromochloromethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.39	ug/L	0.39	Hydrochloric Acid
32101	Bromodichloromethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.29	ug/L	0.29	Hydrochloric Acid
32104	Bromoform	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34413	Bromomethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.47	ug/L	0.47	Hydrochloric Acid
77041	Carbon Disulfide	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.41	ug/L	0.41	Hydrochloric Acid
32102	Carbon Tetrachloride	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34301	Chlorobenzene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.31	ug/L	0.31	Hydrochloric Acid
31311	Chloroethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.47	ug/L	0.47	Hydrochloric Acid
32106	Chloroform	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.41	ug/L	0.41	Hydrochloric Acid
34418	Chloromethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.43	ug/L	0.43	Hydrochloric Acid
77093	Cis-1,2-dichloroethene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34704	Cis-1,3-dichloropropene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.27	ug/L	0.27	Hydrochloric Acid
32105	Dibromochloromethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.25	ug/L	0.25	Hydrochloric Acid
NA	Dibromomethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.34	ug/L	0.34	Hydrochloric Acid
[redacted]	Ethylbenzene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.27	ug/L	0.27	Hydrochloric Acid
[redacted]	Iodomethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.40	ug/L	0.40	Hydrochloric Acid
NA	Methyl ethyl ketone	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34423	Methylene Chloride	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.21	ug/L	0.21	Hydrochloric Acid
77128	Styrene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34475	Tetrachloroethene	Pump	N	SW8260B	7/2/2003 19:20:0	0.70	ug/L	0.43	Hydrochloric Acid
78131	Toluene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.29	ug/L	0.29	Hydrochloric Acid
34546	Trans-1,2-dichloroethene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.50	ug/L	0.50	Hydrochloric Acid
34699	Trans-1,3-dichloropropene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.25	ug/L	0.25	Hydrochloric Acid
77268	Trans-1,4-dichloro-2-butene	Pump	N	SW8260B	7/2/2003 19:20:0	1.3	ug/L	0.52	Hydrochloric Acid
39180	Trichloroethene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.43	ug/L	0.43	Hydrochloric Acid
34488	Trichlorofluoromethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77057	Vinyl Acetate	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.31	ug/L	0.31	Hydrochloric Acid
39175	Vinyl Chloride	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.49	ug/L	0.49	Hydrochloric Acid
81551	Xylenes (Total)	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.86	ug/L	0.86	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

Name: MWB-21S

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 112.28

Lab Code: J033736-12

Sampling Date/Time 7/2/2003 09:52:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type: ( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
NA	Color/Sheen	Pump	N	Field	7/2/2003 09:52:0	None		N/A	Field
NA	Conductivity	Pump	N	Field	7/2/2003 09:52:0	64	µmhos/cm	N/A	Field
NA	Dissolved Oxygen	Pump	N	Field	7/2/2003 09:52:0	0.80	mg/L O2	N/A	Field
00400	pH (Field)	Pump	N	Field	7/2/2003 09:52:0	5.13	pH Units	N/A	Field
NA	Temperature	Pump	N	Field	7/2/2003 09:52:0	22	°C	N/A	Field
NA	Turbidity	Pump	N	Field	7/2/2003 09:52:0	4.6	NTU	N/A	Field
70300	Total Dissolved Solids	Pump	N	E160.1	7/8/2003 14:30:0	51	mg/L	10	4 degrees C
00940	Total Chlorides	Pump	N	E325.2	7/8/2003 09:51:0	5.5	mg/L	0.50	4 degrees C
NA	Ammonia (as N)	Pump	N	E350.1	7/8/2003 13:15:0	0.27	mg/L	0.020	Sulfuric Acid
00620	Nitrate (as N)	Pump	N	SM4500NO3-F	7/3/2003 10:55:0	< 0.13	mg/L	0.13	4 degrees C
01002	Arsenic	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.0016	mg/L	0.0016	Nitric Acid
01007	*Barium*	*Pump*	*N*	*SW6010B*	*7/3/2003 23:31:0*	*0.015*	*mg/L*	*0.00076*	*Nitric Acid*
01012	Beryllium	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.000059	mg/L	0.000059	Nitric Acid
01027	Cadmium	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.00036	mg/L	0.00036	Nitric Acid
01034	Chromium	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.0010	mg/L	0.0010	Nitric Acid
01037	Cobalt	Pump	N	SW6010B	7/3/2003 23:31:0	0.00053	mg/L	0.00025	Nitric Acid
01042	Copper	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.0011	mg/L	0.0011	Nitric Acid
[redacted]	Iron	Pump	N	SW6010B	7/3/2003 23:31:0	0.53	mg/L	0.019	Nitric Acid
[redacted]	Lead	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.00091	mg/L	0.00091	Nitric Acid
01067	Nickel	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.00085	mg/L	0.00085	Nitric Acid
01147	Selenium	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.0022	mg/L	0.0022	Nitric Acid
01077	Silver	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.00017	mg/L	0.00017	Nitric Acid
00929	Sodium	Pump	N	SW6010B	7/3/2003 23:31:0	3.3	mg/L	0.049	Nitric Acid
01087	Vanadium	Pump	N	SW6010B	7/3/2003 23:31:0	0.00041	mg/L	0.00016	Nitric Acid
01092	Zinc	Pump	N	SW6010B	7/3/2003 23:31:0	0.0094	mg/L	0.0025	Nitric Acid
01097	Antimony	Pump	N	SW7041A	7/8/2003 15:44:0	< 0.0034	mg/L	0.0034	Nitric Acid
71900	Mercury	Pump	N	SW7470A	7/8/2003 12:48:0	< 0.000018	mg/L	0.000018	Nitric Acid
01087	Thallium	Pump	N	SW7841	7/9/2003 15:22:0	< 0.00098	mg/L	0.00098	Nitric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	E504.1	7/4/2003 15:31:0	< 0.0034	ug/L	0.0034	4 degrees C
NA	Ethylene Dibromide	Pump	N	E504.1	7/4/2003 15:31:0	< 0.0069	ug/L	0.0069	4 degrees C
77562	*1,1,1,2-Tetrachloroethane*	*Pump*	*N*	*SW8260B*	*7/7/2003 12:57:0*	*< 0.27*	*ug/L*	*0.27*	*Hydrochloric Acid*
64506	1,1,1-Trichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34516	1,1,2,2-Tetrachloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.19	ug/L	0.19	Hydrochloric Acid
34511	1,1,2-Trichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34496	1,1-Dichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34501	1,1-Dichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77443	1,2,3-Trichloropropane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.33	ug/L	0.33	Hydrochloric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.55	ug/L	0.55	Hydrochloric Acid
NA	1,2-Dibromoethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34536	1,2-Dichlorobenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.28	ug/L	0.28	Hydrochloric Acid
34531	1,2-Dichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34541	1,2-Dichloropropane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	1,3-Dichloropropene (Total)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.52	ug/L	0.52	Hydrochloric Acid
34571	1,4-Dichlorobenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.30	ug/L	0.30	Hydrochloric Acid
[redacted]	2-Hexanone (MBK)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	4-Methyl-2-pentanone (MIBK)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.35	ug/L	0.35	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

Name: MWB-21S

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 112.28

Lab Code: J033736-12

Sampling Date/Time 7/2/2003 09:52:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type: ( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
81552	Acetone	Pump	N	SW8260B	7/7/2003 12:57:0	3.1	ug/L	0.71	Hydrochloric Acid
34215	Acrylonitrile	Pump	N	SW8260B	7/7/2003 12:57:0	< 1.6	ug/L	1.6	Hydrochloric Acid
34030	Benzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.30	ug/L	0.30	Hydrochloric Acid
73085	Bromochloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
32101	Bromodichloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.29	ug/L	0.29	Hydrochloric Acid
32104	Bromoform	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34413	Bromomethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.47	ug/L	0.47	Hydrochloric Acid
77041	Carbon Disulfide	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.41	ug/L	0.41	Hydrochloric Acid
32102	Carbon Tetrachloride	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34301	Chlorobenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.31	ug/L	0.31	Hydrochloric Acid
31311	Chloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.47	ug/L	0.47	Hydrochloric Acid
32106	Chloroform	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.41	ug/L	0.41	Hydrochloric Acid
34418	Chloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.43	ug/L	0.43	Hydrochloric Acid
77093	Cis-1,2-dichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34704	Cis-1,3-dichloropropene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
32105	Dibromochloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
NA	Dibromomethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.34	ug/L	0.34	Hydrochloric Acid
[redacted]	Ethylbenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
[redacted]	Iodomethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.40	ug/L	0.40	Hydrochloric Acid
NA	Methyl ethyl ketone	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34423	Methylene Chloride	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.21	ug/L	0.21	Hydrochloric Acid
77128	Styrene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34475	Tetrachloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.43	ug/L	0.43	Hydrochloric Acid
78131	Toluene	Pump	N	SW8260B	7/7/2003 12:57:0	1.9	ug/L	0.29	Hydrochloric Acid
34546	Trans-1,2-dichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.50	ug/L	0.50	Hydrochloric Acid
34699	Trans-1,3-dichloropropene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
77268	Trans-1,4-dichloro-2-butene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.52	ug/L	0.52	Hydrochloric Acid
39180	Trichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.43	ug/L	0.43	Hydrochloric Acid
34488	Trichlorofluoromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77057	Vinyl Acetate	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.31	ug/L	0.31	Hydrochloric Acid
39175	Vinyl Chloride	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.49	ug/L	0.49	Hydrochloric Acid
81551	Xylenes (Total)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.86	ug/L	0.86	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

[redacted]Name: MWB-22S

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 115.59

Lab Code: J033736-13

Sampling Date/Time 7/2/2003 10:25:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type: ( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
NA	Color/Sheen	Pump	N	Field	7/2/2003 10:25:0	None		N/A	Field
NA	Conductivity	Pump	N	Field	7/2/2003 10:25:0	140	µmhos/cm	N/A	Field
NA	Dissolved Oxygen	Pump	N	Field	7/2/2003 10:25:0	0.90	mg/L O2	N/A	Field
00400	pH (Field)	Pump	N	Field	7/2/2003 10:25:0	5.62	pH Units	N/A	Field
NA	Temperature	Pump	N	Field	7/2/2003 10:25:0	24	°C	N/A	Field
NA	Turbidity	Pump	N	Field	7/2/2003 10:25:0	4.6	NTU	N/A	Field
70300	Total Dissolved Solids	Pump	N	E160.1	7/8/2003 14:30:0	95	mg/L	10	4 degrees C
00940	Total Chlorides	Pump	N	E325.2	7/8/2003 09:51:0	9.0	mg/L	0.50	4 degrees C
NA	Ammonia (as N)	Pump	N	E350.1	7/8/2003 13:15:0	0.18	mg/L	0.020	Sulfuric Acid
00620	Nitrate (as N)	Pump	N	SM4500NO3-F	7/3/2003 10:55:0	< 0.13	mg/L	0.13	4 degrees C
01002	Arsenic	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.0016	mg/L	0.0016	Nitric Acid
01007	Barium	Pump	N	SW6010B	7/3/2003 23:31:0	0.0050	mg/L	0.00076	Nitric Acid
01012	Beryllium	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.000059	mg/L	0.000059	Nitric Acid
01027	Cadmium	Pump	N	SW6010B	7/3/2003 23:31:0	0.00039	mg/L	0.00036	Nitric Acid
01034	Chromium	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.0010	mg/L	0.0010	Nitric Acid
01037	Cobalt	Pump	N	SW6010B	7/3/2003 23:31:0	0.00052	mg/L	0.00025	Nitric Acid
01042	Copper	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.0011	mg/L	0.0011	Nitric Acid
[redacted]	Iron	Pump	N	SW6010B	7/3/2003 23:31:0	0.11	mg/L	0.019	Nitric Acid
[redacted]	Lead	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.00091	mg/L	0.00091	Nitric Acid
01067	Nickel	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.00085	mg/L	0.00085	Nitric Acid
01147	Selenium	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.0022	mg/L	0.0022	Nitric Acid
01077	Silver	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.00017	mg/L	0.00017	Nitric Acid
00929	Sodium	Pump	N	SW6010B	7/3/2003 23:31:0	3.0	mg/L	0.049	Nitric Acid
01087	Vanadium	Pump	N	SW6010B	7/3/2003 23:31:0	0.0033	mg/L	0.00016	Nitric Acid
01092	Zinc	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.0025	mg/L	0.0025	Nitric Acid
01097	Antimony	Pump	N	SW7041A	7/8/2003 15:44:0	< 0.0034	mg/L	0.0034	Nitric Acid
71900	Mercury	Pump	N	SW7470A	7/8/2003 12:48:0	< 0.000018	mg/L	0.000018	Nitric Acid
01087	Thallium	Pump	N	SW7841	7/9/2003 15:22:0	< 0.00098	mg/L	0.00098	Nitric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	E504.1	7/4/2003 15:31:0	< 0.0034	ug/L	0.0034	4 degrees C
NA	Ethylene Dibromide	Pump	N	E504.1	7/4/2003 15:31:0	< 0.0069	ug/L	0.0069	4 degrees C
77562	1,1,1,2-Tetrachloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
64506	1,1,1-Trichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34516	1,1,2,2-Tetrachloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.19	ug/L	0.19	Hydrochloric Acid
34511	1,1,2-Trichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34496	1,1-Dichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34501	1,1-Dichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77443	1,2,3-Trichloropropane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.33	ug/L	0.33	Hydrochloric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.55	ug/L	0.55	Hydrochloric Acid
NA	1,2-Dibromoethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34536	1,2-Dichlorobenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.28	ug/L	0.28	Hydrochloric Acid
34531	1,2-Dichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34541	1,2-Dichloropropane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	1,3-Dichloropropene (Total)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.52	ug/L	0.52	Hydrochloric Acid
34571	1,4-Dichlorobenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.30	ug/L	0.30	Hydrochloric Acid
[redacted]	2-Hexanone (MBK)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	4-Methyl-2-pentanone (MIBK)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.35	ug/L	0.35	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787 **Sampling Date/Time** 7/2/2003 10:25:00

Test Site ID#: **Report Period:** 2003

Name: MWB-22S **Well Purge (Y/N):** Y

Classified of Ground Water: G-II **Well Type:** ( ) Background

Ground Water Elevation (NGVD): ( ) Intermediate

or (MSL): 115.59 (X) Compliance

Lab Code: J033736-13 ( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
81552	Acetone	Pump	N	SW8260B	7/7/2003 12:57:0	2.2	ug/L	0.71	Hydrochloric Acid
34215	Acrylonitrile	Pump	N	SW8260B	7/7/2003 12:57:0	< 1.6	ug/L	1.6	Hydrochloric Acid
34030	Benzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.30	ug/L	0.30	Hydrochloric Acid
73085	Bromochloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
32101	Bromodichloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.29	ug/L	0.29	Hydrochloric Acid
32104	Bromoform	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34413	Bromomethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.47	ug/L	0.47	Hydrochloric Acid
77041	Carbon Disulfide	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.41	ug/L	0.41	Hydrochloric Acid
32102	Carbon Tetrachloride	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34301	Chlorobenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.31	ug/L	0.31	Hydrochloric Acid
31311	Chloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.47	ug/L	0.47	Hydrochloric Acid
32106	Chloroform	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.41	ug/L	0.41	Hydrochloric Acid
34418	Chloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.43	ug/L	0.43	Hydrochloric Acid
77093	Cis-1,2-dichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34704	Cis-1,3-dichloropropene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
32105	Dibromochloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
NA	Dibromomethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.34	ug/L	0.34	Hydrochloric Acid
[redacted]	Ethylbenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
[redacted]	Iodomethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.40	ug/L	0.40	Hydrochloric Acid
NA	Methyl ethyl ketone	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34423	Methylene Chloride	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.21	ug/L	0.21	Hydrochloric Acid
77128	Styrene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34475	Tetrachloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.43	ug/L	0.43	Hydrochloric Acid
78131	Toluene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.29	ug/L	0.29	Hydrochloric Acid
34546	Trans-1,2-dichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.50	ug/L	0.50	Hydrochloric Acid
34699	Trans-1,3-dichloropropene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
77268	Trans-1,4-dichloro-2-butene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.52	ug/L	0.52	Hydrochloric Acid
39180	Trichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.43	ug/L	0.43	Hydrochloric Acid
34488	Trichlorofluoromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77057	Vinyl Acetate	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.31	ug/L	0.31	Hydrochloric Acid
39175	Vinyl Chloride	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.49	ug/L	0.49	Hydrochloric Acid
81551	Xylenes (Total)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.86	ug/L	0.86	Hydrochloric Acid

TRAIL RIDGE LANDFILL
GROUNDWATER MONITORING DATA

PHASE II
COMPLIANCE WELL CLUSTERS

MWB-17(S)
MWB-17(I)
MWB-17(D)

Part III: Analytical Results

Facility GMS#: 3116P02787

T[redacted] Site ID#:

[redacted] Name: MWB-17S

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 131.71

Lab Code: J033705-12

Sampling Date/Time 7/1/2003 07:00:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
NA	Color/Sheen	Pump	N	lor/Sheen Field Meth	7/1/2003 07:00:0	None		N/A	Field
NA	Conductivity	Pump	N	Field	7/1/2003 07:00:0	51	µmhos/cm	N/A	Field
NA	Dissolved Oxygen	Pump	N	Field	7/1/2003 07:00:0	1.1	mg/L O2	N/A	Field
00400	pH (Field)	Pump	N	Field	7/1/2003 07:00:0	5.12	pH Units	N/A	Field
NA	Temperature	Pump	N	Field	7/1/2003 07:00:0	25	°C	N/A	Field
NA	Turbidity	Pump	N	Field	7/1/2003 07:00:0	12	NTU	N/A	Field
70300	Total Dissolved Solids	Pump	N	E160.1	7/8/2003 07:30:0	57	mg/L	10	4 degrees C
00940	Total Chlorides	Pump	N	E325.2	7/1/703 10:50:00	5.2	mg/L	0.50	4 degrees C
NA	Ammonia (as N)	Pump	N	E350.1	7/8/2003 13:15:0	0.46	mg/L	0.020	Sulfuric Acid
00620	Nitrate (as N)	Pump	N	SM4500NO3-F	7/2/2003 09:47:0	< 0.13	mg/L	0.13	4 degrees C
01002	Arsenic	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0016	mg/L	0.0016	Nitric Acid
01007	Barium	Pump	N	SW6010B	7/2/2003 20:19:0	0.0048	mg/L	0.00076	Nitric Acid
01012	Beryllium	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.000059	mg/L	0.000059	Nitric Acid
01027	Cadmium	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00036	mg/L	0.00036	Nitric Acid
01034	Chromium	Pump	N	SW6010B	7/2/2003 20:19:0	0.0011	mg/L	0.0010	Nitric Acid
01037	Cobalt	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00025	mg/L	0.00025	Nitric Acid
01042	Copper	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0011	mg/L	0.0011	Nitric Acid
[redacted]	Iron	Pump	N	SW6010B	7/2/2003 20:19:0	0.23	mg/L	0.019	Nitric Acid
01[redacted]	Lead	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00091	mg/L	0.00091	Nitric Acid
01067	Nickel	Pump	N	SW6010B	7/2/2003 20:19:0	0.0037	mg/L	0.00085	Nitric Acid
01147	Selenium	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0022	mg/L	0.0022	Nitric Acid
01077	Silver	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00017	mg/L	0.00017	Nitric Acid
00929	Sodium	Pump	N	SW6010B	7/2/2003 20:19:0	3.5	mg/L	0.049	Nitric Acid
01087	Vanadium	Pump	N	SW6010B	7/2/2003 20:19:0	0.00077	mg/L	0.00016	Nitric Acid
01092	Zinc	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0025	mg/L	0.0025	Nitric Acid
01097	Antimony	Pump	N	SW7041A	7/8/2003 07:37:0	< 0.0034	mg/L	0.0034	Nitric Acid
71900	Mercury	Pump	N	SW7470A	7/8/2003 10:29:0	< 0.000018	mg/L	0.000018	Nitric Acid
01087	Thallium	Pump	N	SW7841	7/2/2003 16:14:0	< 0.00098	mg/L	0.00098	Nitric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	E504.1	7/11/2003 19:13:	< 0.0034	ug/L	0.0034	4 degrees C
NA	Ethylene Dibromide	Pump	N	E504.1	7/11/2003 19:13:	< 0.0069	ug/L	0.0069	4 degrees C
77562	1,1,1,2-Tetrachloroethane	Pump	N	SW8260B	7/1/2003 19:20:0	< 0.27	ug/L	0.27	Hydrochloric Acid
64506	1,1,1-Trichloroethane	Pump	N	SW8260B	7/1/2003 19:20:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34516	1,1,2,2-Tetrachloroethane	Pump	N	SW8260B	7/1/2003 19:20:0	< 0.19	ug/L	0.19	Hydrochloric Acid
34511	1,1,2-Trichloroethane	Pump	N	SW8260B	7/1/2003 19:20:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34496	1,1-Dichloroethane	Pump	N	SW8260B	7/1/2003 19:20:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34501	1,1-Dichloroethene	Pump	N	SW8260B	7/1/2003 19:20:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77443	1,2,3-Trichloropropane	Pump	N	SW8260B	7/1/2003 19:20:0	< 0.33	ug/L	0.33	Hydrochloric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	SW8260B	7/1/2003 19:20:0	< 0.55	ug/L	0.55	Hydrochloric Acid
NA	1,2-Dibromoethane	Pump	N	SW8260B	7/1/2003 19:20:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34536	1,2-Dichlorobenzene	Pump	N	SW8260B	7/1/2003 19:20:0	< 0.28	ug/L	0.28	Hydrochloric Acid
34531	1,2-Dichloroethane	Pump	N	SW8260B	7/1/2003 19:20:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34541	1,2-Dichloropropane	Pump	N	SW8260B	7/1/2003 19:20:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	1,3-Dichloropropene (Total)	Pump	N	SW8260B	7/1/2003 19:20:0	< 0.52	ug/L	0.52	Hydrochloric Acid
34[redacted]	1,4-Dichlorobenzene	Pump	N	SW8260B	7/1/2003 19:20:0	< 0.30	ug/L	0.30	Hydrochloric Acid
[redacted]	2-Hexanone (MBK)	Pump	N	SW8260B	7/1/2003 19:20:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	4-Methyl-2-pentanone (MIBK)	Pump	N	SW8260B	7/1/2003 19:20:0	< 0.35	ug/L	0.35	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787
Test Site ID#:
Well Name: MWB-17S
Classified of Ground Water: G-II
Ground Water Elevation (NGVD):
or (MSL): 131.71
Lab Code: J033705-12

Sampling Date/Time 7/1/2003 07:00:00
Report Period: 2003
Well Purge (Y/N): Y
Well Type: ( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
81552	Acetone	Pump	N	SW8260B	7/1/2003 19:20:0	1.6	ug/L	0.71	Hydrochloric Acid
34215	Acrylonitrile	Pump	N	SW8260B	7/1/2003 19:20:0	< 1.6	ug/L	1.6	Hydrochloric Acid
34030	Benzene	Pump	N	SW8260B	7/1/2003 19:20:0	< 0.30	ug/L	0.30	Hydrochloric Acid
73085	Bromochloromethane	Pump	N	SW8260B	7/1/2003 19:20:0	< 0.39	ug/L	0.39	Hydrochloric Acid
32101	Bromodichloromethane	Pump	N	SW8260B	7/1/2003 19:20:0	< 0.29	ug/L	0.29	Hydrochloric Acid
32104	Bromoform	Pump	N	SW8260B	7/1/2003 19:20:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34413	Bromomethane	Pump	N	SW8260B	7/1/2003 19:20:0	< 0.47	ug/L	0.47	Hydrochloric Acid
77041	Carbon Disulfide	Pump	N	SW8260B	7/1/2003 19:20:0	< 0.41	ug/L	0.41	Hydrochloric Acid
32102	Carbon Tetrachloride	Pump	N	SW8260B	7/1/2003 19:20:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34301	Chlorobenzene	Pump	N	SW8260B	7/1/2003 19:20:0	< 0.31	ug/L	0.31	Hydrochloric Acid
31311	Chloroethane	Pump	N	SW8260B	7/1/2003 19:20:0	< 0.47	ug/L	0.47	Hydrochloric Acid
32106	Chloroform	Pump	N	SW8260B	7/1/2003 19:20:0	< 0.41	ug/L	0.41	Hydrochloric Acid
34418	Chloromethane	Pump	N	SW8260B	7/1/2003 19:20:0	< 0.43	ug/L	0.43	Hydrochloric Acid
77093	Cis-1,2-dichloroethene	Pump	N	SW8260B	7/1/2003 19:20:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34704	Cis-1,3-dichloropropene	Pump	N	SW8260B	7/1/2003 19:20:0	< 0.27	ug/L	0.27	Hydrochloric Acid
32105	Dibromochloromethane	Pump	N	SW8260B	7/1/2003 19:20:0	< 0.25	ug/L	0.25	Hydrochloric Acid
NA	Dibromomethane	Pump	N	SW8260B	7/1/2003 19:20:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34371	Ethylbenzene	Pump	N	SW8260B	7/1/2003 19:20:0	< 0.27	ug/L	0.27	Hydrochloric
NA	Iodomethane	Pump	N	SW8260B	7/1/2003 19:20:0	< 0.40	ug/L	0.40	Hydrochloric Acid
NA	Methyl ethyl ketone	Pump	N	SW8260B	7/1/2003 19:20:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34423	Methylene Chloride	Pump	N	SW8260B	7/1/2003 19:20:0	< 0.21	ug/L	0.21	Hydrochloric Acid
77128	Styrene	Pump	N	SW8260B	7/1/2003 19:20:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34475	Tetrachloroethene	Pump	N	SW8260B	7/1/2003 19:20:0	0.79	ug/L	0.43	Hydrochloric Acid
78131	Toluene	Pump	N	SW8260B	7/1/2003 19:20:0	< 0.29	ug/L	0.29	Hydrochloric Acid
34546	Trans-1,2-dichloroethene	Pump	N	SW8260B	7/1/2003 19:20:0	< 0.50	ug/L	0.50	Hydrochloric Acid
34699	Trans-1,3-dichloropropene	Pump	N	SW8260B	7/1/2003 19:20:0	< 0.25	ug/L	0.25	Hydrochloric Acid
77268	Trans-1,4-dichloro-2-butene	Pump	N	SW8260B	7/1/2003 19:20:0	1.3	ug/L	0.52	Hydrochloric Acid
39180	Trichloroethene	Pump	N	SW8260B	7/1/2003 19:20:0	< 0.43	ug/L	0.43	Hydrochloric Acid
34488	Trichlorofluoromethane	Pump	N	SW8260B	7/1/2003 19:20:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77057	Vinyl Acetate	Pump	N	SW8260B	7/1/2003 19:20:0	< 0.31	ug/L	0.31	Hydrochloric Acid
39175	Vinyl Chloride	Pump	N	SW8260B	7/1/2003 19:20:0	< 0.49	ug/L	0.49	Hydrochloric Acid
81551	Xylenes (Total)	Pump	N	SW8260B	7/1/2003 19:20:0	< 0.86	ug/L	0.86	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Site ID#: [redacted]

Name: MWB-17I

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 135.88

Lab Code: J033705-11

Sampling Date/Time 7/1/2003 08:10:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type: ( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
NA	Color/Sheen	Pump	N	lor/Sheen Field Meth	7/1/2003 08:10:0	None		N/A	Field
NA	Conductivity	Pump	N	Field	7/1/2003 08:10:0	31	µmhos/cm	N/A	Field
NA	Dissolved Oxygen	Pump	N	Field	7/1/2003 08:10:0	0.80	mg/L O2	N/A	Field
00400	pH (Field)	Pump	N	Field	7/1/2003 08:10:0	5.22	pH Units	N/A	Field
NA	Temperature	Pump	N	Field	7/1/2003 08:10:0	22	°C	N/A	Field
NA	Turbidity	Pump	N	Field	7/1/2003 08:10:0	1.4	NTU	N/A	Field
70300	Total Dissolved Solids	Pump	N	E160.1	7/8/2003 07:30:0	44	mg/L	10	4 degrees C
00940	Total Chlorides	Pump	N	E325.2	7/1/703 10:50:00	3.0	mg/L	0.50	4 degrees C
NA	Ammonia (as N)	Pump	N	E350.1	7/8/2003 13:15:0	0.23	mg/L	0.020	Sulfuric Acid
00620	Nitrate (as N)	Pump	N	SM4500NO3-F	7/2/2003 09:47:0	< 0.13	mg/L	0.13	4 degrees C
01002	Arsenic	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0016	mg/L	0.0016	Nitric Acid
01007	Barium	Pump	N	SW6010B	7/2/2003 20:19:0	0.038	mg/L	0.00076	Nitric Acid
01012	Beryllium	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.000059	mg/L	0.000059	Nitric Acid
01027	Cadmium	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00036	mg/L	0.00036	Nitric Acid
01034	Chromium	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0010	mg/L	0.0010	Nitric Acid
01037	Cobalt	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00025	mg/L	0.00025	Nitric Acid
01042	Copper	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0011	mg/L	0.0011	Nitric Acid
[redacted]	Iron	Pump	N	SW6010B	7/2/2003 20:19:0	0.34	mg/L	0.019	Nitric Acid
01051	Lead	Pump	N	SW6010B	7/2/2003 20:19:0	0.0013	mg/L	0.00091	Nitric Acid
01067	Nickel	Pump	N	SW6010B	7/2/2003 20:19:0	0.0030	mg/L	0.00085	Nitric Acid
01147	Selenium	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0022	mg/L	0.0022	Nitric Acid
01077	Silver	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00017	mg/L	0.00017	Nitric Acid
00929	Sodium	Pump	N	SW6010B	7/2/2003 20:19:0	3.1	mg/L	0.049	Nitric Acid
01087	Vanadium	Pump	N	SW6010B	7/2/2003 20:19:0	0.00026	mg/L	0.00016	Nitric Acid
01092	Zinc	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0025	mg/L	0.0025	Nitric Acid
01097	Antimony	Pump	N	SW7041A	7/8/2003 07:37:0	< 0.0034	mg/L	0.0034	Nitric Acid
71900	Mercury	Pump	N	SW7470A	7/8/2003 10:29:0	< 0.000018	mg/L	0.000018	Nitric Acid
01087	Thallium	Pump	N	SW7841	7/2/2003 16:14:0	< 0.00098	mg/L	0.00098	Nitric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	E504.1	7/11/2003 19:13:	< 0.0034	ug/L	0.0034	4 degrees C
NA	Ethylene Dibromide	Pump	N	E504.1	7/11/2003 19:13:	< 0.0069	ug/L	0.0069	4 degrees C
77562	1,1,1,2-Tetrachloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.27	ug/L	0.27	Hydrochloric Acid
64506	1,1,1-Trichloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34516	1,1,2,2-Tetrachloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.19	ug/L	0.19	Hydrochloric Acid
34511	1,1,2-Trichloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34496	1,1-Dichloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34501	1,1-Dichloroethene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77443	1,2,3-Trichloropropane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.33	ug/L	0.33	Hydrochloric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.55	ug/L	0.55	Hydrochloric Acid
NA	1,2-Dibromoethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34536	1,2-Dichlorobenzene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.28	ug/L	0.28	Hydrochloric Acid
34531	1,2-Dichloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34541	1,2-Dichloropropane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	1,3-Dichloropropene (Total)	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.52	ug/L	0.52	Hydrochloric Acid
[redacted]	1,4-Dichlorobenzene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.30	ug/L	0.30	Hydrochloric Acid
[redacted]	2-Hexanone (MBK)	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	4-Methyl-2-pentanone (MIBK)	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.35	ug/L	0.35	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

Well Name: MWB-17I

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 135.88

Lab Code: J033705-11

Sampling Date/Time 7/1/2003 08:10:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
81552	Acetone	Pump	N	SW8260B	7/1/2003 19:04:0	1.6	ug/L	0.71	Hydrochloric Acid
34215	Acrylonitrile	Pump	N	SW8260B	7/1/2003 19:04:0	< 1.6	ug/L	1.6	Hydrochloric Acid
34030	Benzene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.30	ug/L	0.30	Hydrochloric Acid
73085	Bromochloromethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.39	ug/L	0.39	Hydrochloric Acid
32101	Bromodichloromethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.29	ug/L	0.29	Hydrochloric Acid
32104	Bromoform	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34413	Bromomethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.47	ug/L	0.47	Hydrochloric Acid
77041	Carbon Disulfide	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.41	ug/L	0.41	Hydrochloric Acid
32102	Carbon Tetrachloride	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34301	Chlorobenzene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.31	ug/L	0.31	Hydrochloric Acid
31311	Chloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.47	ug/L	0.47	Hydrochloric Acid
32106	Chloroform	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.41	ug/L	0.41	Hydrochloric Acid
34418	Chloromethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.43	ug/L	0.43	Hydrochloric Acid
77093	Cis-1,2-dichloroethene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34704	Cis-1,3-dichloropropene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.27	ug/L	0.27	Hydrochloric Acid
32105	Dibromochloromethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
NA	Dibromomethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34371	Ethylbenzene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.27	ug/L	0.27	Hydrochloric
NA	Iodomethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.40	ug/L	0.40	Hydrochloric Acid
NA	Methyl ethyl ketone	Pump	N	SW8260B	7/1/2003 19:04:0	2.2	ug/L	0.25	Hydrochloric Acid
34423	Methylene Chloride	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.21	ug/L	0.21	Hydrochloric Acid
77128	Styrene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34475	Tetrachloroethene	Pump	N	SW8260B	7/1/2003 19:04:0	0.83	ug/L	0.43	Hydrochloric Acid
78131	Toluene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.29	ug/L	0.29	Hydrochloric Acid
34546	Trans-1,2-dichloroethene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.50	ug/L	0.50	Hydrochloric Acid
34699	Trans-1,3-dichloropropene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
77268	Trans-1,4-dichloro-2-butene	Pump	N	SW8260B	7/1/2003 19:04:0	1.3	ug/L	0.52	Hydrochloric Acid
39180	Trichloroethene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.43	ug/L	0.43	Hydrochloric Acid
34488	Trichlorofluoromethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77057	Vinyl Acetate	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.31	ug/L	0.31	Hydrochloric Acid
39175	Vinyl Chloride	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.49	ug/L	0.49	Hydrochloric Acid
81551	Xylenes (Total)	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.86	ug/L	0.86	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Site ID#:

Name: MWB-17D

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 131.92

Lab Code: J033705-13

Sampling Date/Time 7/1/2003 07:45:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type: ( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
NA	Color/Sheen	Pump	N	lor/Sheen Field Meth	7/1/2003 07:45:0	None		N/A	Field
NA	Conductivity	Pump	N	Field	7/1/2003 07:45:0	69	µmhos/cm	N/A	Field
NA	Dissolved Oxygen	Pump	N	Field	7/1/2003 07:45:0	1.0	mg/L O2	N/A	Field
00400	pH (Field)	Pump	N	Field	7/1/2003 07:45:0	55.6	pH Units	N/A	Field
NA	Temperature	Pump	N	Field	7/1/2003 07:45:0	22	°C	N/A	Field
NA	Turbidity	Pump	N	Field	7/1/2003 07:45:0	1.9	NTU	N/A	Field
70300	Total Dissolved Solids	Pump	N	E160.1	7/8/2003 07:30:0	68	mg/L	10	4 degrees C
00940	Total Chlorides	Pump	N	E325.2	7/1/703 10:50:00	4.3	mg/L	0.50	4 degrees C
NA	Ammonia (as N)	Pump	N	E350.1	7/8/2003 13:15:0	0.21	mg/L	0.020	Sulfuric Acid
00620	Nitrate (as N)	Pump	N	SM4500NO3-F	7/2/2003 09:47:0	< 0.13	mg/L	0.13	4 degrees C
01002	Arsenic	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0016	mg/L	0.0016	Nitric Acid
01007	Barium	Pump	N	SW6010B	7/2/2003 20:19:0	0.039	mg/L	0.00076	Nitric Acid
01012	Beryllium	Pump	N	SW6010B	7/2/2003 20:19:0	0.00016	mg/L	0.000059	Nitric Acid
01027	Cadmium	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00036	mg/L	0.00036	Nitric Acid
01034	Chromium	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0010	mg/L	0.0010	Nitric Acid
01037	Cobalt	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00025	mg/L	0.00025	Nitric Acid
01042	Copper	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0011	mg/L	0.0011	Nitric Acid
[redacted]	Iron	Pump	N	SW6010B	7/2/2003 20:19:0	0.57	mg/L	0.019	Nitric Acid
01051	Lead	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00091	mg/L	0.00091	Nitric Acid
01067	Nickel	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00085	mg/L	0.00085	Nitric Acid
01147	Selenium	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0022	mg/L	0.0022	Nitric Acid
01077	Silver	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00017	mg/L	0.00017	Nitric Acid
00929	Sodium	Pump	N	SW6010B	7/2/2003 20:19:0	3.4	mg/L	0.049	Nitric Acid
01087	Vanadium	Pump	N	SW6010B	7/2/2003 20:19:0	0.0012	mg/L	0.00016	Nitric Acid
01092	Zinc	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0025	mg/L	0.0025	Nitric Acid
01097	Antimony	Pump	N	SW7041A	7/8/2003 07:37:0	< 0.0034	mg/L	0.0034	Nitric Acid
71900	Mercury	Pump	N	SW7470A	7/8/2003 10:29:0	< 0.000018	mg/L	0.000018	Nitric Acid
01087	Thallium	Pump	N	SW7841	7/2/2003 16:14:0	< 0.00098	mg/L	0.00098	Nitric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	E504.1	7/11/2003 19:13:	< 0.0034	ug/L	0.0034	4 degrees C
NA	Ethylene Dibromide	Pump	N	E504.1	7/11/2003 19:13:	< 0.0069	ug/L	0.0069	4 degrees C
77562	1,1,1,2-Tetrachloroethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.27	ug/L	0.27	Hydrochloric Acid
64506	1,1,1-Trichloroethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34516	1,1,2,2-Tetrachloroethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.19	ug/L	0.19	Hydrochloric Acid
34511	1,1,2-Trichloroethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34496	1,1-Dichloroethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34501	1,1-Dichloroethene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77443	1,2,3-Trichloropropane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.33	ug/L	0.33	Hydrochloric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.55	ug/L	0.55	Hydrochloric Acid
NA	1,2-Dibromoethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34536	1,2-Dichlorobenzene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.28	ug/L	0.28	Hydrochloric Acid
34531	1,2-Dichloroethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34541	1,2-Dichloropropane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	1,3-Dichloropropene (Total)	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.52	ug/L	0.52	Hydrochloric Acid
34571	1,4-Dichlorobenzene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.30	ug/L	0.30	Hydrochloric Acid
[redacted]	2-Hexanone (MBK)	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	4-Methyl-2-pentanone (MIBK)	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.35	ug/L	0.35	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

Well Name: MWB-17D

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 131.92

Lab Code: J033705-13

Sampling Date/Time 7/1/2003 07:45:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
81552	Acetone	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.71	ug/L	0.71	Hydrochloric Acid
34215	Acrylonitrile	Pump	N	SW8260B	7/2/2003 19:20:0	< 1.6	ug/L	1.6	Hydrochloric Acid
34030	Benzene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.30	ug/L	0.30	Hydrochloric Acid
73085	Bromochloromethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.39	ug/L	0.39	Hydrochloric Acid
32101	Bromodichloromethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.29	ug/L	0.29	Hydrochloric Acid
32104	Bromoform	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34413	Bromomethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.47	ug/L	0.47	Hydrochloric Acid
77041	Carbon Disulfide	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.41	ug/L	0.41	Hydrochloric Acid
32102	Carbon Tetrachloride	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34301	Chlorobenzene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.31	ug/L	0.31	Hydrochloric Acid
31311	Chloroethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.47	ug/L	0.47	Hydrochloric Acid
32106	Chloroform	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.41	ug/L	0.41	Hydrochloric Acid
34418	Chloromethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.43	ug/L	0.43	Hydrochloric Acid
77093	Cis-1,2-dichloroethene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34704	Cis-1,3-dichloropropene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.27	ug/L	0.27	Hydrochloric Acid
32105	Dibromochloromethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.25	ug/L	0.25	Hydrochloric Acid
NA	Dibromomethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34371	Ethylbenzene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.27	ug/L	0.27	Hydrochloric
NA	Iodomethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.40	ug/L	0.40	Hydrochloric Acid
NA	Methyl ethyl ketone	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34423	Methylene Chloride	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.21	ug/L	0.21	Hydrochloric Acid
77128	Styrene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34475	Tetrachloroethene	Pump	N	SW8260B	7/2/2003 19:20:0	0.69	ug/L	0.43	Hydrochloric Acid
78131	Toluene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.29	ug/L	0.29	Hydrochloric Acid
34546	Trans-1,2-dichloroethene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.50	ug/L	0.50	Hydrochloric Acid
34699	Trans-1,3-dichloropropene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.25	ug/L	0.25	Hydrochloric Acid
77268	Trans-1,4-dichloro-2-butene	Pump	N	SW8260B	7/2/2003 19:20:0	1.3	ug/L	0.52	Hydrochloric Acid
39180	Trichloroethene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.43	ug/L	0.43	Hydrochloric Acid
34488	Trichlorofluoromethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77057	Vinyl Acetate	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.31	ug/L	0.31	Hydrochloric Acid
39175	Vinyl Chloride	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.49	ug/L	0.49	Hydrochloric Acid
81551	Xylenes (Total)	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.86	ug/L	0.86	Hydrochloric Acid

TRAIL RIDGE LANDFILL
GROUNDWATER MONITORING DATA

PHASE III
COMPLIANCE & DETECTION
WELL CLUSTERS

MWB-13(S)
MWB-13(I)
MWB-33(S)
MWB-34(S) – See Appendix II Results
MWB-34(I)
MWB-34(D)

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

[redacted] Name: MWB-13S

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 112.84

Lab Code: J033736-10

Sampling Date/Time 7/2/2003 07:15:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type: ( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
NA	Color/Sheen	Pump	N	Field	7/2/2003 07:15:0	None		N/A	Field
NA	Conductivity	Pump	N	Field	7/2/2003 07:15:0	180	µmhos/cm	N/A	Field
NA	Dissolved Oxygen	Pump	N	Field	7/2/2003 07:15:0	2.6	mg/L O2	N/A	Field
00400	pH (Field)	Pump	N	Field	7/2/2003 07:15:0	5.29	pH Units	N/A	Field
NA	Temperature	Pump	N	Field	7/2/2003 07:15:0	24	°C	N/A	Field
NA	Turbidity	Pump	N	Field	7/2/2003 07:15:0	4.6	NTU	N/A	Field
70300	Total Dissolved Solids	Pump	N	E160.1	7/8/2003 14:30:0	140	mg/L	10	4 degrees C
00940	Total Chlorides	Pump	N	E325.2	7/8/2003 09:51:0	26	mg/L	0.50	4 degrees C
NA	Ammonia (as N)	Pump	N	E350.1	7/8/2003 13:15:0	0.59	mg/L	0.020	Sulfuric Acid
00620	Nitrate (as N)	Pump	N	SM4500NO3-F	7/3/2003 10:55:0	< 0.13	mg/L	0.13	4 degrees C
01002	Arsenic	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.0016	mg/L	0.0016	Nitric Acid
01007	Barium	Pump	N	SW6010B	7/3/2003 23:31:0	0.0093	mg/L	0.00076	Nitric Acid
01012	Beryllium	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.000059	mg/L	0.000059	Nitric Acid
01027	Cadmium	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.00036	mg/L	0.00036	Nitric Acid
01034	Chromium	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.0010	mg/L	0.0010	Nitric Acid
01037	Cobalt	Pump	N	SW6010B	7/3/2003 23:31:0	0.00029	mg/L	0.00025	Nitric Acid
01042	Copper	Pump	N	SW6010B	7/3/2003 23:31:0	0.0081	mg/L	0.0011	Nitric Acid
[redacted]	Iron	Pump	N	SW6010B	7/3/2003 23:31:0	0.74	mg/L	0.019	Nitric Acid
[redacted]	Lead	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.00091	mg/L	0.00091	Nitric Acid
01067	Nickel	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.00085	mg/L	0.00085	Nitric Acid
01147	Selenium	Pump	N	SW6010B	7/3/2003 23:31:0	0.013	mg/L	0.0022	Nitric Acid
01077	Silver	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.00017	mg/L	0.00017	Nitric Acid
00929	Sodium	Pump	N	SW6010B	7/3/2003 23:31:0	4.8	mg/L	0.049	Nitric Acid
01087	Vanadium	Pump	N	SW6010B	7/3/2003 23:31:0	0.038	mg/L	0.00016	Nitric Acid
01092	Zinc	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.0025	mg/L	0.0025	Nitric Acid
01097	Antimony	Pump	N	SW7041A	7/8/2003 15:44:0	< 0.0034	mg/L	0.0034	Nitric Acid
71900	Mercury	Pump	N	SW7470A	7/8/2003 12:48:0	0.000071	mg/L	0.000018	Nitric Acid
01087	Thallium	Pump	N	SW7841	7/9/2003 15:22:0	< 0.00098	mg/L	0.00098	Nitric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	E504.1	7/4/2003 15:31:0	< 0.0034	ug/L	0.0034	4 degrees C
NA	Ethylene Dibromide	Pump	N	E504.1	7/4/2003 15:31:0	< 0.0069	ug/L	0.0069	4 degrees C
77562	1,1,1,2-Tetrachloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
64506	1,1,1-Trichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34516	1,1,2,2-Tetrachloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.19	ug/L	0.19	Hydrochloric Acid
34511	1,1,2-Trichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34496	1,1-Dichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34501	1,1-Dichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77443	1,2,3-Trichloropropane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.33	ug/L	0.33	Hydrochloric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.55	ug/L	0.55	Hydrochloric Acid
NA	1,2-Dibromoethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34536	1,2-Dichlorobenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.28	ug/L	0.28	Hydrochloric Acid
34531	1,2-Dichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34541	1,2-Dichloropropane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	1,3-Dichloropropene (Total)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.52	ug/L	0.52	Hydrochloric Acid
[redacted]	1,4-Dichlorobenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.30	ug/L	0.30	Hydrochloric Acid
[redacted]	2-Hexanone (MBK)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	4-Methyl-2-pentanone (MIBK)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.35	ug/L	0.35	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787
Test Site ID#:
Well Name: MWB-13S
Classified of Ground Water: G-II
Ground Water Elevation (NGVD):
or (MSL): 112.84
Lab Code: J033736-10

Sampling Date/Time 7/2/2003 07:15:00
Report Period: 2003
Well Purge (Y/N): Y
Well Type: ( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
81552	Acetone	Pump	N	SW8260B	7/7/2003 12:57:0	14	ug/L	0.71	Hydrochloric Acid
34215	Acrylonitrile	Pump	N	SW8260B	7/7/2003 12:57:0	< 1.6	ug/L	1.6	Hydrochloric Acid
34030	Benzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.30	ug/L	0.30	Hydrochloric Acid
73085	Bromochloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
32101	Bromodichloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.29	ug/L	0.29	Hydrochloric Acid
32104	Bromoform	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34413	Bromomethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.47	ug/L	0.47	Hydrochloric Acid
77041	Carbon Disulfide	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.41	ug/L	0.41	Hydrochloric Acid
32102	Carbon Tetrachloride	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34301	Chlorobenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.31	ug/L	0.31	Hydrochloric Acid
31311	Chloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.47	ug/L	0.47	Hydrochloric Acid
32106	Chloroform	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.41	ug/L	0.41	Hydrochloric Acid
34418	Chloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.43	ug/L	0.43	Hydrochloric Acid
77093	Cis-1,2-dichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34704	Cis-1,3-dichloropropene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
32105	Dibromochloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
NA	Dibromomethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34371	Ethylbenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric
NA	Iodomethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.40	ug/L	0.40	Hydrochloric Acid
NA	Methyl ethyl ketone	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34423	Methylene Chloride	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.21	ug/L	0.21	Hydrochloric Acid
77128	Styrene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34475	Tetrachloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.43	ug/L	0.43	Hydrochloric Acid
78131	Toluene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.29	ug/L	0.29	Hydrochloric Acid
34546	Trans-1,2-dichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.50	ug/L	0.50	Hydrochloric Acid
34699	Trans-1,3-dichloropropene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
77268	Trans-1,4-dichloro-2-butene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.52	ug/L	0.52	Hydrochloric Acid
39180	Trichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.43	ug/L	0.43	Hydrochloric Acid
34488	Trichlorofluoromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77057	Vinyl Acetate	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.31	ug/L	0.31	Hydrochloric Acid
39175	Vinyl Chloride	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.49	ug/L	0.49	Hydrochloric Acid
81551	Xylenes (Total)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.86	ug/L	0.86	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Site ID#:

Name: MWB-13I

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 107.07

Lab Code: J033736-11

Sampling Date/Time 7/2/2003 06:55:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type: ( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
NA	Color/Sheen	Pump	N	Field	7/2/2003 06:55:0	LtBrn		N/A	Field
NA	Conductivity	Pump	N	Field	7/2/2003 06:55:0	35	µmhos/cm	N/A	Field
NA	Dissolved Oxygen	Pump	N	Field	7/2/2003 06:55:0	1.1	mg/L O2	N/A	Field
00400	pH (Field)	Pump	N	Field	7/2/2003 06:55:0	5.09	pH Units	N/A	Field
NA	Temperature	Pump	N	Field	7/2/2003 06:55:0	22	°C	N/A	Field
NA	Turbidity	Pump	N	Field	7/2/2003 06:55:0	>30	NTU	N/A	Field
70300	Total Dissolved Solids	Pump	N	E160.1	7/8/2003 14:30:0	38	mg/L	10	4 degrees C
00940	Total Chlorides	Pump	N	E325.2	7/8/2003 09:51:0	3.7	mg/L	0.50	4 degrees C
NA	Ammonia (as N)	Pump	N	E350.1	7/8/2003 13:15:0	0.28	mg/L	0.020	Sulfuric Acid
00620	Nitrate (as N)	Pump	N	SM4500NO3-F	7/3/2003 10:55:0	< 0.13	mg/L	0.13	4 degrees C
01002	Arsenic	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.0016	mg/L	0.0016	Nitric Acid
NA	Arsenic, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	< 0.0016	mg/L	0.0016	
01007	Barium	Pump	N	SW6010B	7/3/2003 23:31:0	0.039	mg/L	0.00076	Nitric Acid
NA	Barium, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	0.027	mg/L	0.00076	
01012	Beryllium	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.000059	mg/L	0.000059	Nitric Acid
NA	Beryllium, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	< 0.000059	mg/L	0.000059	
01027	Cadmium	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.00036	mg/L	0.00036	Nitric Acid
[redacted]	Cadmium, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	< 0.00036	mg/L	0.00036	
[redacted]	Chromium	Pump	N	SW6010B	7/3/2003 23:31:0	0.0030	mg/L	0.0010	Nitric Acid
NA	Chromium, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	< 0.0010	mg/L	0.0010	
01037	Cobalt	Pump	N	SW6010B	7/3/2003 23:31:0	0.00046	mg/L	0.00025	Nitric Acid
NA	Cobalt, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	< 0.00025	mg/L	0.00025	
01042	Copper	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.0011	mg/L	0.0011	Nitric Acid
NA	Copper, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	< 0.0011	mg/L	0.0011	
01045	Iron	Pump	N	SW6010B	7/3/2003 23:31:0	0.56>	mg/L	0.019	Nitric Acid
NA	Iron, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	0.33>	mg/L	0.019	
01051	Lead	Pump	N	SW6010B	7/3/2003 23:31:0	0.00098	mg/L	0.00091	Nitric Acid
NA	Lead, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	< 0.00091	mg/L	0.00091	
01067	Nickel	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.00085	mg/L	0.00085	Nitric Acid
NA	Nickel, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	< 0.00085	mg/L	0.00085	
01147	Selenium	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.0022	mg/L	0.0022	Nitric Acid
NA	Selenium, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	< 0.0022	mg/L	0.0022	
01077	Silver	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.00017	mg/L	0.00017	Nitric Acid
NA	Silver, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	0.00019	mg/L	0.00017	
00929	Sodium	Pump	N	SW6010B	7/3/2003 23:31:0	3.2	mg/L	0.049	Nitric Acid
NA	Sodium, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	3.1	mg/L	0.049	
01087	Vanadium	Pump	N	SW6010B	7/3/2003 23:31:0	0.0037	mg/L	0.00016	Nitric Acid
NA	Vanadium, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	0.00067	mg/L	0.00016	
01092	Zinc	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.0025	mg/L	0.0025	Nitric Acid
NA	Zinc, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	< 0.0025	mg/L	0.0025	
01097	Antimony	Pump	N	SW7041A	7/8/2003 15:44:0	< 0.0034	mg/L	0.0034	Nitric Acid
NA	Antimony, Dissolved	Pump	Y	SW7041A	7/8/2003 15:44:0	< 0.0034	mg/L	0.0034	
71900	Mercury	Pump	N	SW7470A	7/8/2003 12:48:0	0.000024	mg/L	0.000018	Nitric Acid
[redacted]	Mercury, dissolved	Pump	Y	SW7470A	7/8/2003 12:48:0	< 0.000018	mg/L	0.000018	
[redacted]	Thallium	Pump	N	SW7841	7/9/2003 15:22:0	< 0.00098	mg/L	0.00098	Nitric Acid
NA	Thallium, dissolved	Pump	Y	SW7841	7/9/2003 15:22:0	< 0.00098	mg/L	0.00098	

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

Well Name: MWB-13I

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 107.07

Lab Code: J033736-11

Sampling Date/Time 7/2/2003 06:55:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
38760	1,2-Dibromo-3-chloropropane	Pump	N	E504.1	7/4/2003 15:31:0	< 0.0034	ug/L	0.0034	4 degrees C
NA	Ethylene Dibromide	Pump	N	E504.1	7/4/2003 15:31:0	< 0.0069	ug/L	0.0069	4 degrees C
77562	1,1,1,2-Tetrachloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
64506	1,1,1-Trichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34516	1,1,2,2-Tetrachloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.19	ug/L	0.19	Hydrochloric Acid
34511	1,1,2-Trichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34496	1,1-Dichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34501	1,1-Dichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77443	1,2,3-Trichloropropane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.33	ug/L	0.33	Hydrochloric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.55	ug/L	0.55	Hydrochloric Acid
NA	1,2-Dibromoethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34536	1,2-Dichlorobenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.28	ug/L	0.28	Hydrochloric Acid
34531	1,2-Dichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34541	1,2-Dichloropropane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	1,3-Dichloropropene (Total)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.52	ug/L	0.52	Hydrochloric Acid
34571	1,4-Dichlorobenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	2-Hexanone (MBK)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	4-Methyl-2-pentanone (MIBK)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.35	ug/L	0.35	Hydrochloric Acid
81552	Acetone	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.71	ug/L	0.71	Hydrochloric Acid
34215	Acrylonitrile	Pump	N	SW8260B	7/7/2003 12:57:0	< 1.6	ug/L	1.6	Hydrochloric Acid
34030	Benzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.30	ug/L	0.30	Hydrochloric Acid
73085	Bromochloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
32101	Bromodichloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.29	ug/L	0.29	Hydrochloric Acid
32104	Bromoform	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34413	Bromomethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.47	ug/L	0.47	Hydrochloric Acid
77041	Carbon Disulfide	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.41	ug/L	0.41	Hydrochloric Acid
32102	Carbon Tetrachloride	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34301	Chlorobenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.31	ug/L	0.31	Hydrochloric Acid
31311	Chloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.47	ug/L	0.47	Hydrochloric Acid
32106	Chloroform	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.41	ug/L	0.41	Hydrochloric Acid
34418	Chloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.43	ug/L	0.43	Hydrochloric Acid
77093	Cis-1,2-dichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34704	Cis-1,3-dichloropropene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
32105	Dibromochloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
NA	Dibromomethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34371	Ethylbenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	Iodomethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.40	ug/L	0.40	Hydrochloric Acid
NA	Methyl ethyl ketone	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34423	Methylene Chloride	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.21	ug/L	0.21	Hydrochloric Acid
77128	Styrene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34475	Tetrachloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.43	ug/L	0.43	Hydrochloric Acid
78131	Toluene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.29	ug/L	0.29	Hydrochloric Acid
34546	Trans-1,2-dichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.50	ug/L	0.50	Hydrochloric Acid
34699	Trans-1,3-dichloropropene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
77268	Trans-1,4-dichloro-2-butene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.52	ug/L	0.52	Hydrochloric Acid
39180	Trichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.43	ug/L	0.43	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

Name: MWB-13I

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 107.07

Lab Code: J033736-11

Sampling Date/Time 7/2/2003 06:55:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
34488	Trichlorofluoromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77057	Vinyl Acetate	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.31	ug/L	0.31	Hydrochloric Acid
39175	Vinyl Chloride	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.49	ug/L	0.49	Hydrochloric Acid
81551	Xylenes (Total)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.86	ug/L	0.86	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

Well Name: MWB-33S

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 115.51

Lab Code: J033736-01

Sampling Date/Time 7/2/2003 07:16:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
NA	Color/Sheen	Pump	N	Field	7/2/2003 07:16:0	Brn		N/A	Field
NA	Conductivity	Pump	N	Field	7/2/2003 07:16:0	120	µmhos/cm	N/A	Field
NA	Dissolved Oxygen	Pump	N	Field	7/2/2003 07:16:0	1.2	mg/L O2	N/A	Field
00400	pH (Field)	Pump	N	Field	7/2/2003 07:16:0	5.05	pH Units	N/A	Field
NA	Temperature	Pump	N	Field	7/2/2003 07:16:0	23	°C	N/A	Field
NA	Turbidity	Pump	N	Field	7/2/2003 07:16:0	14	NTU	N/A	Field
70300	Total Dissolved Solids	Pump	N	E160.1	7/8/2003 14:30:0	78	mg/L	10	4 degrees C
00940	Total Chlorides	Pump	N	E325.2	7/8/2003 09:51:0	9.6	mg/L	0.50	4 degrees C
NA	Ammonia (as N)	Pump	N	E350.1	7/8/2003 13:15:0	0.76	mg/L	0.020	Sulfuric Acid
00620	Nitrate (as N)	Pump	N	SM4500NO3-F	7/3/2003 10:55:0	< 0.13	mg/L	0.13	4 degrees C
01002	Arsenic	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.0016	mg/L	0.0016	Nitric Acid
01007	Barium	Pump	N	SW6010B	7/3/2003 23:31:0	0.032	mg/L	0.00076	Nitric Acid
01012	Beryllium	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.000059	mg/L	0.000059	Nitric Acid
01027	Cadmium	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.00036	mg/L	0.00036	Nitric Acid
01034	Chromium	Pump	N	SW6010B	7/3/2003 23:31:0	0.0013	mg/L	0.0010	Nitric Acid
01037	Cobalt	Pump	N	SW6010B	7/3/2003 23:31:0	0.00077	mg/L	0.00025	Nitric Acid
01042	Copper	Pump	N	SW6010B	7/3/2003 23:31:0	0.0016	mg/L	0.0011	Nitric Acid
01045	Iron	Pump	N	SW6010B	7/3/2003 23:31:0	0.33	mg/L	0.019	Nitric Ac
01051	Lead	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.00091	mg/L	0.00091	Nitric Acid
01067	Nickel	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.00085	mg/L	0.00085	Nitric Acid
01147	Selenium	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.0022	mg/L	0.0022	Nitric Acid
01077	Silver	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.00017	mg/L	0.00017	Nitric Acid
00929	Sodium	Pump	N	SW6010B	7/3/2003 23:31:0	6.3	mg/L	0.049	Nitric Acid
01087	Vanadium	Pump	N	SW6010B	7/3/2003 23:31:0	0.016	mg/L	0.00016	Nitric Acid
01092	Zinc	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.0025	mg/L	0.0025	Nitric Acid
01097	Antimony	Pump	N	SW7041A	7/8/2003 15:44:0	< 0.0034	mg/L	0.0034	Nitric Acid
71900	Mercury	Pump	N	SW7470A	7/8/2003 11:41:0	< 0.000018	mg/L	0.000018	Nitric Acid
01087	Thallium	Pump	N	SW7841	7/9/2003 15:22:0	< 0.00098	mg/L	0.00098	Nitric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	E504.1	7/4/2003 15:31:0	< 0.0034	ug/L	0.0034	4 degrees C
NA	Ethylene Dibromide	Pump	N	E504.1	7/4/2003 15:31:0	< 0.0069	ug/L	0.0069	4 degrees C
77562	1,1,1,2-Tetrachloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
64506	1,1,1-Trichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34516	1,1,2,2-Tetrachloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.19	ug/L	0.19	Hydrochloric Acid
34511	1,1,2-Trichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34496	1,1-Dichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34501	1,1-Dichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77443	1,2,3-Trichloropropane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.33	ug/L	0.33	Hydrochloric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.55	ug/L	0.55	Hydrochloric Acid
NA	1,2-Dibromoethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34536	1,2-Dichlorobenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.28	ug/L	0.28	Hydrochloric Acid
34531	1,2-Dichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34541	1,2-Dichloropropane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	1,3-Dichloropropene (Total)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.52	ug/L	0.52	Hydrochloric Acid
34571	1,4-Dichlorobenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.30	ug/L	0.30	Hydrochloric A
NA	2-Hexanone (MBK)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric
NA	4-Methyl-2-pentanone (MIBK)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.35	ug/L	0.35	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Site ID#:

Name: MWB-33S

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 115.51

Lab Code: J033736-01

Sampling Date/Time 7/2/2003 07:16:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type: ( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
81552	Acetone	Pump	N	SW8260B	7/7/2003 12:57:0	1.9	ug/L	0.71	Hydrochloric Acid
34215	Acrylonitrile	Pump	N	SW8260B	7/7/2003 12:57:0	< 1.6	ug/L	1.6	Hydrochloric Acid
34030	Benzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.30	ug/L	0.30	Hydrochloric Acid
73085	Bromochloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
32101	Bromodichloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.29	ug/L	0.29	Hydrochloric Acid
32104	Bromoform	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34413	Bromomethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.47	ug/L	0.47	Hydrochloric Acid
77041	Carbon Disulfide	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.41	ug/L	0.41	Hydrochloric Acid
32102	Carbon Tetrachloride	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34301	Chlorobenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.31	ug/L	0.31	Hydrochloric Acid
31311	Chloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.47	ug/L	0.47	Hydrochloric Acid
32106	Chloroform	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.41	ug/L	0.41	Hydrochloric Acid
34418	Chloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.43	ug/L	0.43	Hydrochloric Acid
77093	Cis-1,2-dichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34704	Cis-1,3-dichloropropene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
32105	Dibromochloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
NA	Dibromomethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.34	ug/L	0.34	Hydrochloric Acid
[redacted]	Ethylbenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
[redacted]	Iodomethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.40	ug/L	0.40	Hydrochloric Acid
NA	Methyl ethyl ketone	Pump	N	SW8260B	7/7/2003 12:57:0	2.8	ug/L	0.25	Hydrochloric Acid
34423	Methylene Chloride	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.21	ug/L	0.21	Hydrochloric Acid
77128	Styrene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34475	Tetrachloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.43	ug/L	0.43	Hydrochloric Acid
78131	Toluene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.29	ug/L	0.29	Hydrochloric Acid
34546	Trans-1,2-dichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.50	ug/L	0.50	Hydrochloric Acid
34699	Trans-1,3-dichloropropene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
77268	Trans-1,4-dichloro-2-butene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.52	ug/L	0.52	Hydrochloric Acid
39180	Trichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.43	ug/L	0.43	Hydrochloric Acid
34488	Trichlorofluoromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77057	Vinyl Acetate	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.31	ug/L	0.31	Hydrochloric Acid
39175	Vinyl Chloride	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.49	ug/L	0.49	Hydrochloric Acid
81551	Xylenes (Total)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.86	ug/L	0.86	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

Well Name: MWB-34I

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 115.25

Lab Code: J033718-03

Sampling Date/Time 7/1/2003 17:42:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
NA	Color/Sheen	Pump	N	Field	7/1/2003 17:42:0	Wht		N/A	Field
NA	Conductivity	Pump	N	Field	7/1/2003 17:42:0	43	µmhos/cm	N/A	Field
NA	Dissolved Oxygen	Pump	N	Field	7/1/2003 17:42:0	1.0	mg/L O2	N/A	Field
00400	pH (Field)	Pump	N	Field	7/1/2003 17:42:0	5.28	pH Units	N/A	Field
NA	Temperature	Pump	N	Field	7/1/2003 17:42:0	22	°C	N/A	Field
NA	Turbidity	Pump	N	Field	7/1/2003 17:42:0	945	NTU	N/A	Field
70300	Total Dissolved Solids	Pump	N	E160.1	7/8/2003 10:35:0	32	mg/L	10	4 degrees C
00940	Total Chlorides	Pump	N	E325.2	7/7/2003 14:16:0	3.0	mg/L	0.50	4 degrees C
NA	Ammonia (as N)	Pump	N	E350.1	7/8/2003 13:15:0	0.12	mg/L	0.020	Sulfuric Acid
00620	Nitrate (as N)	Pump	N	SM4500NO3-F	7/2/2003 14:56:0	< 0.13	mg/L	0.13	4 degrees C
01002	Arsenic	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.0016	mg/L	0.0016	Nitric Acid
NA	Arsenic, dissolved	Pump		SW6010B	7/3/2003 18:38:0	< 0.0016	mg/L	0.0016	
01007	Barium	Pump	N	SW6010B	7/3/2003 18:38:0	0.060	mg/L	0.00076	Nitric Acid
NA	Barium, dissolved	Pump		SW6010B	7/3/2003 18:38:0	0.045	mg/L	0.00076	
01012	Beryllium	Pump	N	SW6010B	7/3/2003 18:38:0	0.000097	mg/L	0.000059	Nitric Acid
NA	Beryllium, dissolved	Pump		SW6010B	7/3/2003 18:38:0	< 0.000059	mg/L	0.000059	
01027	Cadmium	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.00036	mg/L	0.00036	Nitric Acid
NA	Cadmium, dissolved	Pump		SW6010B	7/3/2003 18:38:0	< 0.00036	mg/L	0.00036	
01034	Chromium	Pump	N	SW6010B	7/3/2003 18:38:0	0.0042	mg/L	0.0010	Nitric Acid
NA	Chromium, dissolved	Pump		SW6010B	7/3/2003 18:38:0	< 0.0010	mg/L	0.0010	
01037	Cobalt	Pump	N	SW6010B	7/3/2003 18:38:0	0.00068	mg/L	0.00025	Nitric Acid
NA	Cobalt, dissolved	Pump		SW6010B	7/3/2003 18:38:0	0.00027	mg/L	0.00025	
01042	Copper	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.0011	mg/L	0.0011	Nitric Acid
NA	Copper, dissolved	Pump		SW6010B	7/3/2003 18:38:0	< 0.0011	mg/L	0.0011	
01045	Iron	Pump	N	SW6010B	7/3/2003 18:38:0	0.76	mg/L	0.019	Nitric Acid
NA	Iron, dissolved	Pump		SW6010B	7/3/2003 18:38:0	0.46	mg/L	0.019	
01051	Lead	Pump	N	SW6010B	7/3/2003 18:38:0	0.0052	mg/L	0.00091	Nitric Acid
NA	Lead, dissolved	Pump		SW6010B	7/3/2003 18:38:0	0.0020	mg/L	0.00091	
01067	Nickel	Pump	N	SW6010B	7/3/2003 18:38:0	0.0030	mg/L	0.00085	Nitric Acid
NA	Nickel, dissolved	Pump		SW6010B	7/3/2003 18:38:0	0.0019	mg/L	0.00085	
01147	Selenium	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.0022	mg/L	0.0022	Nitric Acid
NA	Selenium, dissolved	Pump		SW6010B	7/3/2003 18:38:0	0.0038	mg/L	0.0022	
01077	Silver	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.00017	mg/L	0.00017	Nitric Acid
NA	Silver, dissolved	Pump		SW6010B	7/3/2003 18:38:0	< 0.00017	mg/L	0.00017	
00929	Sodium	Pump	N	SW6010B	7/3/2003 18:38:0	3.4	mg/L	0.049	Nitric Acid
NA	Sodium, dissolved	Pump		SW6010B	7/3/2003 18:38:0	3.2	mg/L	0.049	
01087	Vanadium	Pump	N	SW6010B	7/3/2003 18:38:0	0.0038	mg/L	0.00016	Nitric Acid
NA	Vanadium, dissolved	Pump		SW6010B	7/3/2003 18:38:0	0.00040	mg/L	0.00016	
01092	Zinc	Pump	N	SW6010B	7/3/2003 18:38:0	0.0028	mg/L	0.0025	Nitric Acid
NA	Zinc, dissolved	Pump		SW6010B	7/3/2003 18:38:0	0.0079	mg/L	0.0025	
01097	Antimony	Pump	N	SW7041A	7/8/2003 13:29:0	< 0.0034	mg/L	0.0034	Nitric Acid
NA	Antimony, Dissolved	Pump		SW7041A	7/8/2003 13:29:0	< 0.0034	mg/L	0.0034	
71900	Mercury	Pump	N	SW7470A	7/8/2003 09:13:0	< 0.000018	mg/L	0.000018	Nitric Acid
NA	Mercury, dissolved	Pump		SW7470A	7/8/2003 09:13:0	< 0.000018	mg/L	0.000018	
01087	Thallium	Pump	N	SW7841	7/3/2003 12:50:0	< 0.00098	mg/L	0.00098	Nitric Acid
NA	Thallium, dissolved	Pump		SW7841	7/3/2003 12:50:0	< 0.00098	mg/L	0.00098	

Part III: Analytical Results

Facility GMS#: 3116P02787

Site ID#: [redacted]

Name: MWB-34I

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 115.25

Lab Code: J033718-03

Sampling Date/Time 7/1/2003 17:42:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
38760	1,2-Dibromo-3-chloropropane	Pump	N	E504.1	7/12/2003 10:57:	< 0.0034	ug/L	0.0034	4 degrees C
NA	Ethylene Dibromide	Pump	N	E504.1	7/12/2003 10:57:	< 0.0069	ug/L	0.0069	4 degrees C
77562	1,1,1,2-Tetrachloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.27	ug/L	0.27	Hydrochloric Acid
64506	1,1,1-Trichloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34516	1,1,2,2-Tetrachloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.19	ug/L	0.19	Hydrochloric Acid
34511	1,1,2-Trichloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34496	1,1-Dichloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34501	1,1-Dichloroethene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77443	1,2,3-Trichloropropane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.33	ug/L	0.33	Hydrochloric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.55	ug/L	0.55	Hydrochloric Acid
NA	1,2-Dibromoethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34536	1,2-Dichlorobenzene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.28	ug/L	0.28	Hydrochloric Acid
34531	1,2-Dichloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34541	1,2-Dichloropropane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	1,3-Dichloropropene (Total)	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.52	ug/L	0.52	Hydrochloric Acid
34571	1,4-Dichlorobenzene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	2-Hexanone (MBK)	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.27	ug/L	0.27	Hydrochloric Acid
[redacted]	4-Methyl-2-pentanone (MIBK)	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.35	ug/L	0.35	Hydrochloric Acid
81552	Acetone	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.71	ug/L	0.71	Hydrochloric Acid
34215	Acrylonitrile	Pump	N	SW8260B	7/3/2003 19:10:0	< 1.6	ug/L	1.6	Hydrochloric Acid
34030	Benzene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.30	ug/L	0.30	Hydrochloric Acid
73085	Bromochloromethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
32101	Bromodichloromethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.29	ug/L	0.29	Hydrochloric Acid
32104	Bromoform	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34413	Bromomethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.47	ug/L	0.47	Hydrochloric Acid
77041	Carbon Disulfide	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.41	ug/L	0.41	Hydrochloric Acid
32102	Carbon Tetrachloride	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34301	Chlorobenzene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.31	ug/L	0.31	Hydrochloric Acid
31311	Chloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.47	ug/L	0.47	Hydrochloric Acid
32106	Chloroform	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.41	ug/L	0.41	Hydrochloric Acid
34418	Chloromethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.43	ug/L	0.43	Hydrochloric Acid
77093	Cis-1,2-dichloroethene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34704	Cis-1,3-dichloropropene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.27	ug/L	0.27	Hydrochloric Acid
32105	Dibromochloromethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
NA	Dibromomethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34371	Ethylbenzene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	Iodomethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.40	ug/L	0.40	Hydrochloric Acid
NA	Methyl ethyl ketone	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34423	Methylene Chloride	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.21	ug/L	0.21	Hydrochloric Acid
77128	Styrene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34475	Tetrachloroethene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.43	ug/L	0.43	Hydrochloric Acid
78131	Toluene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.29	ug/L	0.29	Hydrochloric Acid
34546	Trans-1,2-dichloroethene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.50	ug/L	0.50	Hydrochloric Acid
34699	Trans-1,3-dichloropropene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
[redacted]	Trans-1,4-dichloro-2-butene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.52	ug/L	0.52	Hydrochloric Acid
39180	Trichloroethene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.43	ug/L	0.43	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

Well Name: MWB-34I

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 115.25

Lab Code: J033718-03

Sampling Date/Time 7/1/2003 17:42:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
34488	Trichlorofluoromethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77057	Vinyl Acetate	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.31	ug/L	0.31	Hydrochloric Acid
39175	Vinyl Chloride	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.49	ug/L	0.49	Hydrochloric Acid
81551	Xylenes (Total)	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.86	ug/L	0.86	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

T[redacted] Site ID#:

W[redacted] Name: MWB-34D

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 116.67

Lab Code: J033718-04

Sampling Date/Time 7/1/2003 17:52:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
NA	Color/Sheen	Pump	N	Field	7/1/2003 17:52:0	None		N/A	Field
NA	Conductivity	Pump	N	Field	7/1/2003 17:52:0	440	µmhos/cm	N/A	Field
NA	Dissolved Oxygen	Pump	N	Field	7/1/2003 17:52:0	0.80	mg/L O2	N/A	Field
00400	pH (Field)	Pump	N	Field	7/1/2003 17:52:0	7.01	pH Units	N/A	Field
NA	Temperature	Pump	N	Field	7/1/2003 17:52:0	22	°C	N/A	Field
NA	Turbidity	Pump	N	Field	7/1/2003 17:52:0	0.50	NTU	N/A	Field
70300	Total Dissolved Solids	Pump	N	E160.1	7/8/2003 10:35:0	220	mg/L	10	4 degrees C
00940	Total Chlorides	Pump	N	E325.2	7/7/2003 14:16:0	2.6	mg/L	0.50	4 degrees C
NA	Ammonia (as N)	Pump	N	E350.1	7/8/2003 13:15:0	0.43	mg/L	0.020	Sulfuric Acid
00620	Nitrate (as N)	Pump	N	SM4500NO3-F	7/2/2003 14:56:0	< 0.13	mg/L	0.13	4 degrees C
01002	Arsenic	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.0016	mg/L	0.0016	Nitric Acid
01007	Barium	Pump	N	SW6010B	7/3/2003 18:38:0	0.11	mg/L	0.00076	Nitric Acid
01012	Beryllium	Pump	N	SW6010B	7/3/2003 18:38:0	0.000086	mg/L	0.000059	Nitric Acid
01027	Cadmium	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.00036	mg/L	0.00036	Nitric Acid
01034	Chromium	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.0010	mg/L	0.0010	Nitric Acid
01037	Cobalt	Pump	N	SW6010B	7/3/2003 18:38:0	0.00035	mg/L	0.00025	Nitric Acid
01042	Copper	Pump	N	SW6010B	7/3/2003 18:38:0	0.0014	mg/L	0.0011	Nitric Acid
[redacted]	Iron	Pump	N	SW6010B	7/3/2003 18:38:0	<0.49	mg/L	0.019	Nitric Acid
01051	Lead	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.00091	mg/L	0.00091	Nitric Acid
01067	Nickel	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.00085	mg/L	0.00085	Nitric Acid
01147	Selenium	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.0022	mg/L	0.0022	Nitric Acid
01077	Silver	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.00017	mg/L	0.00017	Nitric Acid
00929	Sodium	Pump	N	SW6010B	7/3/2003 18:38:0	5.7	mg/L	0.049	Nitric Acid
01087	Vanadium	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.00016	mg/L	0.00016	Nitric Acid
01092	Zinc	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.0025	mg/L	0.0025	Nitric Acid
01097	Antimony	Pump	N	SW7041A	7/8/2003 13:29:0	< 0.0034	mg/L	0.0034	Nitric Acid
71900	Mercury	Pump	N	SW7470A	7/8/2003 09:13:0	< 0.000018	mg/L	0.000018	Nitric Acid
01087	Thallium	Pump	N	SW7841	7/3/2003 12:50:0	< 0.00098	mg/L	0.00098	Nitric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	E504.1	7/12/2003 10:57:	< 0.0034	ug/L	0.0034	4 degrees C
NA	Ethylene Dibromide	Pump	N	E504.1	7/12/2003 10:57:	< 0.0069	ug/L	0.0069	4 degrees C
77562	1,1,1,2-Tetrachloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.27	ug/L	0.27	Hydrochloric Acid
64506	1,1,1-Trichloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34516	1,1,2,2-Tetrachloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.19	ug/L	0.19	Hydrochloric Acid
34511	1,1,2-Trichloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34496	1,1-Dichloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34501	1,1-Dichloroethene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77443	1,2,3-Trichloropropane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.33	ug/L	0.33	Hydrochloric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.55	ug/L	0.55	Hydrochloric Acid
NA	1,2-Dibromoethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34536	1,2-Dichlorobenzene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.28	ug/L	0.28	Hydrochloric Acid
34531	1,2-Dichloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34541	1,2-Dichloropropane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	1,3-Dichloropropene (Total)	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.52	ug/L	0.52	Hydrochloric Acid
3[redacted]	1,4-Dichlorobenzene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.30	ug/L	0.30	Hydrochloric Acid
[redacted]	2-Hexanone (MBK)	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	4-Methyl-2-pentanone (MIBK)	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.35	ug/L	0.35	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787
Test Site ID#:
Well Name: MWB-34D
Classified of Ground Water: G-II
Ground Water Elevation (NGVD):
or (MSL): 116.67
Lab Code: J033718-04

Sampling Date/Time 7/1/2003 17:52:00
Report Period: 2003
Well Purge (Y/N): Y
Well Type: ( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
81552	Acetone	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.71	ug/L	0.71	Hydrochloric Acid
34215	Acrylonitrile	Pump	N	SW8260B	7/3/2003 19:10:0	< 1.6	ug/L	1.6	Hydrochloric Acid
34030	Benzene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.30	ug/L	0.30	Hydrochloric Acid
73085	Bromochloromethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
32101	Bromodichloromethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.29	ug/L	0.29	Hydrochloric Acid
32104	Bromoform	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34413	Bromomethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.47	ug/L	0.47	Hydrochloric Acid
77041	Carbon Disulfide	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.41	ug/L	0.41	Hydrochloric Acid
32102	Carbon Tetrachloride	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34301	Chlorobenzene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.31	ug/L	0.31	Hydrochloric Acid
31311	Chloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.47	ug/L	0.47	Hydrochloric Acid
32106	Chloroform	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.41	ug/L	0.41	Hydrochloric Acid
34418	Chloromethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.43	ug/L	0.43	Hydrochloric Acid
77093	Cis-1,2-dichloroethene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34704	Cis-1,3-dichloropropene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.27	ug/L	0.27	Hydrochloric Acid
32105	Dibromochloromethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
NA	Dibromomethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34371	Ethylbenzene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	Iodomethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.40	ug/L	0.40	Hydrochloric Acid
NA	Methyl ethyl ketone	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34423	Methylene Chloride	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.21	ug/L	0.21	Hydrochloric Acid
77128	Styrene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34475	Tetrachloroethene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.43	ug/L	0.43	Hydrochloric Acid
78131	Toluene	Pump	N	SW8260B	7/3/2003 19:10:0	0.30	ug/L	0.29	Hydrochloric Acid
34546	Trans-1,2-dichloroethene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.50	ug/L	0.50	Hydrochloric Acid
34699	Trans-1,3-dichloropropene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
77268	Trans-1,4-dichloro-2-butene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.52	ug/L	0.52	Hydrochloric Acid
39180	Trichloroethene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.43	ug/L	0.43	Hydrochloric Acid
34488	Trichlorofluoromethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77057	Vinyl Acetate	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.31	ug/L	0.31	Hydrochloric Acid
39175	Vinyl Chloride	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.49	ug/L	0.49	Hydrochloric Acid
81551	Xylenes (Total)	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.86	ug/L	0.86	Hydrochloric Acid

TRAIL RIDGE LANDFILL
GROUNDWATER MONITORING DATA

PHASE V
COMPLIANCE WELL CLUSTERS

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)

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

[redacted] Name: MWB-27S

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 122.04

Lab Code: J033718-01

Sampling Date/Time 7/1/2003 15:42:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type: ( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
NA	Color/Sheen	Pump	N	Field	7/1/2003 15:42:0	None		N/A	Field
NA	Conductivity	Pump	N	Field	7/1/2003 15:42:0	51	µmhos/cm	N/A	Field
NA	Dissolved Oxygen	Pump	N	Field	7/1/2003 15:42:0	1.1	mg/L O2	N/A	Field
00400	pH (Field)	Pump	N	Field	7/1/2003 15:42:0	4.93	pH Units	N/A	Field
NA	Temperature	Pump	N	Field	7/1/2003 15:42:0	23	°C	N/A	Field
NA	Turbidity	Pump	N	Field	7/1/2003 15:42:0	11	NTU	N/A	Field
70300	Total Dissolved Solids	Pump	N	E160.1	7/8/2003 10:35:0	48	mg/L	10	4 degrees C
00940	Total Chlorides	Pump	N	E325.2	7/7/2003 14:16:0	1.9	mg/L	0.50	4 degrees C
NA	Ammonia (as N)	Pump	N	E350.1	7/8/2003 13:15:0	0.16	mg/L	0.020	Sulfuric Acid
00620	Nitrate (as N)	Pump	N	SM4500NO3-F	7/2/2003 14:56:0	< 0.13	mg/L	0.13	4 degrees C
01002	Arsenic	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.0016	mg/L	0.0016	Nitric Acid
01007	Barium	Pump	N	SW6010B	7/3/2003 18:38:0	0.021	mg/L	0.00076	Nitric Acid
01012	Beryllium	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.000059	mg/L	0.000059	Nitric Acid
01027	Cadmium	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.00036	mg/L	0.00036	Nitric Acid
01034	Chromium	Pump	N	SW6010B	7/3/2003 18:38:0	0.0012	mg/L	0.0010	Nitric Acid
01037	Cobalt	Pump	N	SW6010B	7/3/2003 18:38:0	0.00056	mg/L	0.00025	Nitric Acid
01042	Copper	Pump	N	SW6010B	7/3/2003 18:38:0	0.0021	mg/L	0.0011	Nitric Acid
[redacted]	Iron	Pump	N	SW6010B	7/3/2003 18:38:0	0.16	mg/L	0.019	Nitric Acid
[redacted]	Lead	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.00091	mg/L	0.00091	Nitric Acid
01067	Nickel	Pump	N	SW6010B	7/3/2003 18:38:0	0.0023	mg/L	0.00085	Nitric Acid
01147	Selenium	Pump	N	SW6010B	7/3/2003 18:38:0	0.0031	mg/L	0.0022	Nitric Acid
01077	Silver	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.00017	mg/L	0.00017	Nitric Acid
00929	Sodium	Pump	N	SW6010B	7/3/2003 18:38:0	2.5	mg/L	0.049	Nitric Acid
01087	Vanadium	Pump	N	SW6010B	7/3/2003 18:38:0	0.0072	mg/L	0.00016	Nitric Acid
01092	Zinc	Pump	N	SW6010B	7/3/2003 18:38:0	0.0035	mg/L	0.0025	Nitric Acid
01097	Antimony	Pump	N	SW7041A	7/8/2003 13:29:0	< 0.0034	mg/L	0.0034	Nitric Acid
71900	Mercury	Pump	N	SW7470A	7/8/2003 09:13:0	< 0.000018	mg/L	0.000018	Nitric Acid
01087	Thallium	Pump	N	SW7841	7/3/2003 12:50:0	< 0.00098	mg/L	0.00098	Nitric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	E504.1	7/12/2003 10:57:	< 0.0034	ug/L	0.0034	4 degrees C
NA	Ethylene Dibromide	Pump	N	E504.1	7/12/2003 10:57:	< 0.0069	ug/L	0.0069	4 degrees C
77562	1,1,1,2-Tetrachloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.27	ug/L	0.27	Hydrochloric Acid
64506	1,1,1-Trichloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34516	1,1,2,2-Tetrachloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.19	ug/L	0.19	Hydrochloric Acid
34511	1,1,2-Trichloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34496	1,1-Dichloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34501	1,1-Dichloroethene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77443	1,2,3-Trichloropropane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.33	ug/L	0.33	Hydrochloric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.55	ug/L	0.55	Hydrochloric Acid
NA	1,2-Dibromoethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34536	1,2-Dichlorobenzene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.28	ug/L	0.28	Hydrochloric Acid
34531	1,2-Dichloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34541	1,2-Dichloropropane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	1,3-Dichloropropene (Total)	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.52	ug/L	0.52	Hydrochloric Acid
34571	1,4-Dichlorobenzene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.30	ug/L	0.30	Hydrochloric Acid
[redacted]	2-Hexanone (MBK)	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	4-Methyl-2-pentanone (MIBK)	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.35	ug/L	0.35	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787
Test Site ID#:
Well Name: MWB-27S
Classified of Ground Water: G-II
Ground Water Elevation (NGVD):
or (MSL): 122.04
Lab Code: J033718-01

Sampling Date/Time 7/1/2003 15:42:00
Report Period: 2003
Well Purge (Y/N): Y
Well Type: ( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
81552	Acetone	Pump	N	SW8260B	7/3/2003 19:10:0	3.0	ug/L	0.71	Hydrochloric Acid
34215	Acrylonitrile	Pump	N	SW8260B	7/3/2003 19:10:0	< 1.6	ug/L	1.6	Hydrochloric Acid
34030	Benzene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.30	ug/L	0.30	Hydrochloric Acid
73085	Bromochloromethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
32101	Bromodichloromethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.29	ug/L	0.29	Hydrochloric Acid
32104	Bromoform	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34413	Bromomethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.47	ug/L	0.47	Hydrochloric Acid
77041	Carbon Disulfide	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.41	ug/L	0.41	Hydrochloric Acid
32102	Carbon Tetrachloride	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34301	Chlorobenzene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.31	ug/L	0.31	Hydrochloric Acid
31311	Chloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.47	ug/L	0.47	Hydrochloric Acid
32106	Chloroform	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.41	ug/L	0.41	Hydrochloric Acid
34418	Chloromethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.43	ug/L	0.43	Hydrochloric Acid
77093	Cis-1,2-dichloroethene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34704	Cis-1,3-dichloropropene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.27	ug/L	0.27	Hydrochloric Acid
32105	Dibromochloromethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
NA	Dibromomethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34371	Ethylbenzene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	Iodomethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.40	ug/L	0.40	Hydrochloric Acid
NA	Methyl ethyl ketone	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34423	Methylene Chloride	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.21	ug/L	0.21	Hydrochloric Acid
77128	Styrene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34475	Tetrachloroethene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.43	ug/L	0.43	Hydrochloric Acid
78131	Toluene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.29	ug/L	0.29	Hydrochloric Acid
34546	Trans-1,2-dichloroethene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.50	ug/L	0.50	Hydrochloric Acid
34699	Trans-1,3-dichloropropene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
77268	Trans-1,4-dichloro-2-butene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.52	ug/L	0.52	Hydrochloric Acid
39180	Trichloroethene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.43	ug/L	0.43	Hydrochloric Acid
34488	Trichlorofluoromethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77057	Vinyl Acetate	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.31	ug/L	0.31	Hydrochloric Acid
39175	Vinyl Chloride	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.49	ug/L	0.49	Hydrochloric Acid
81551	Xylenes (Total)	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.86	ug/L	0.86	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Site ID#:

Name: MWB-27I

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 122.35

Lab Code: J033705-16

Sampling Date/Time 7/1/2003 11:51:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type: ( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
NA	Color/Sheen	Pump	N	lor/Sheen Field Meth	7/1/2003 11:51:0	None		N/A	Field
NA	Conductivity	Pump	N	Field	7/1/2003 11:51:0	56	µmhos/cm	N/A	Field
NA	Dissolved Oxygen	Pump	N	Field	7/1/2003 11:51:0	0.90	mg/L O2	N/A	Field
00400	pH (Field)	Pump	N	Field	7/1/2003 11:51:0	5.72	pH Units	N/A	Field
NA	Temperature	Pump	N	Field	7/1/2003 11:51:0	22	°C	N/A	Field
NA	Turbidity	Pump	N	Field	7/1/2003 11:51:0	15	NTU	N/A	Field
70300	Total Dissolved Solids	Pump	N	E160.1	7/8/2003 07:30:0	58	mg/L	10	4 degrees C
00940	Total Chlorides	Pump	N	E325.2	7/1/703 10:50:00	3.5	mg/L	0.50	4 degrees C
NA	Ammonia (as N)	Pump	N	E350.1	7/8/2003 13:15:0	0.33	mg/L	0.020	Sulfuric Acid
00620	Nitrate (as N)	Pump	N	SM4500NO3-F	7/2/2003 09:47:0	< 0.13	mg/L	0.13	4 degrees C
01002	Arsenic	Pump	N	SW6010B	7/2/2003 20:19:0	0.0019	mg/L	0.0016	Nitric Acid
01007	Barium	Pump	N	SW6010B	7/2/2003 20:19:0	0.058	mg/L	0.00076	Nitric Acid
01012	Beryllium	Pump	N	SW6010B	7/2/2003 20:19:0	0.000081	mg/L	0.000059	Nitric Acid
01027	Cadmium	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00036	mg/L	0.00036	Nitric Acid
01034	Chromium	Pump	N	SW6010B	7/2/2003 20:19:0	0.0017	mg/L	0.0010	Nitric Acid
01037	Cobalt	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00025	mg/L	0.00025	Nitric Acid
01042	Copper	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0011	mg/L	0.0011	Nitric Acid
	Iron	Pump	N	SW6010B	7/2/2003 20:19:0	<0.53>	mg/L	0.019	Nitric Acid
	Lead	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00091	mg/L	0.00091	Nitric Acid
01067	Nickel	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00085	mg/L	0.00085	Nitric Acid
01147	Selenium	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0022	mg/L	0.0022	Nitric Acid
01077	Silver	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00017	mg/L	0.00017	Nitric Acid
00929	Sodium	Pump	N	SW6010B	7/2/2003 20:19:0	3.7	mg/L	0.049	Nitric Acid
01087	Vanadium	Pump	N	SW6010B	7/2/2003 20:19:0	0.0017	mg/L	0.00016	Nitric Acid
01092	Zinc	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0025	mg/L	0.0025	Nitric Acid
01097	Antimony	Pump	N	SW7041A	7/8/2003 07:37:0	< 0.0034	mg/L	0.0034	Nitric Acid
71900	Mercury	Pump	N	SW7470A	7/8/2003 11:41:0	< 0.000018	mg/L	0.000018	Nitric Acid
01087	Thallium	Pump	N	SW7841	7/2/2003 16:14:0	< 0.00098	mg/L	0.00098	Nitric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	E504.1	7/11/2003 19:13:	< 0.0034	ug/L	0.0034	4 degrees C
NA	Ethylene Dibromide	Pump	N	E504.1	7/11/2003 19:13:	< 0.0069	ug/L	0.0069	4 degrees C
77562	1,1,1,2-Tetrachloroethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.27	ug/L	0.27	Hydrochloric Acid
64506	1,1,1-Trichloroethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34516	1,1,2,2-Tetrachloroethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.19	ug/L	0.19	Hydrochloric Acid
34511	1,1,2-Trichloroethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34496	1,1-Dichloroethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34501	1,1-Dichloroethene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77443	1,2,3-Trichloropropane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.33	ug/L	0.33	Hydrochloric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.55	ug/L	0.55	Hydrochloric Acid
NA	1,2-Dibromoethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34536	1,2-Dichlorobenzene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.28	ug/L	0.28	Hydrochloric Acid
34531	1,2-Dichloroethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34541	1,2-Dichloropropane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	1,3-Dichloropropene (Total)	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.52	ug/L	0.52	Hydrochloric Acid
	1,4-Dichlorobenzene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.30	ug/L	0.30	Hydrochloric Acid
	2-Hexanone (MBK)	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	4-Methyl-2-pentanone (MIBK)	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.35	ug/L	0.35	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

Well Name: MWB-27I

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 122.35

Lab Code: J033705-16

Sampling Date/Time 7/1/2003 11:51:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
81552	Acetone	Pump	N	SW8260B	7/2/2003 19:20:0	2.3	ug/L	0.71	Hydrochloric Acid
34215	Acrylonitrile	Pump	N	SW8260B	7/2/2003 19:20:0	< 1.6	ug/L	1.6	Hydrochloric Acid
34030	Benzene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.30	ug/L	0.30	Hydrochloric Acid
73085	Bromochloromethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.39	ug/L	0.39	Hydrochloric Acid
32101	Bromodichloromethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.29	ug/L	0.29	Hydrochloric Acid
32104	Bromoform	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34413	Bromomethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.47	ug/L	0.47	Hydrochloric Acid
77041	Carbon Disulfide	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.41	ug/L	0.41	Hydrochloric Acid
32102	Carbon Tetrachloride	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34301	Chlorobenzene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.31	ug/L	0.31	Hydrochloric Acid
31311	Chloroethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.47	ug/L	0.47	Hydrochloric Acid
32106	Chloroform	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.41	ug/L	0.41	Hydrochloric Acid
34418	Chloromethane	Pump	N	SW8260B	7/2/2003 19:20:0	0.64	ug/L	0.43	Hydrochloric Acid
77093	Cis-1,2-dichloroethene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34704	Cis-1,3-dichloropropene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.27	ug/L	0.27	Hydrochloric Acid
32105	Dibromochloromethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.25	ug/L	0.25	Hydrochloric Acid
NA	Dibromomethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34371	Ethylbenzene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	Iodomethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.40	ug/L	0.40	Hydrochloric Acid
NA	Methyl ethyl ketone	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34423	Methylene Chloride	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.21	ug/L	0.21	Hydrochloric Acid
77128	Styrene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34475	Tetrachloroethene	Pump	N	SW8260B	7/2/2003 19:20:0	0.49	ug/L	0.43	Hydrochloric Acid
78131	Toluene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.29	ug/L	0.29	Hydrochloric Acid
34546	Trans-1,2-dichloroethene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.50	ug/L	0.50	Hydrochloric Acid
34699	Trans-1,3-dichloropropene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.25	ug/L	0.25	Hydrochloric Acid
77268	Trans-1,4-dichloro-2-butene	Pump	N	SW8260B	7/2/2003 19:20:0	1.3	ug/L	0.52	Hydrochloric Acid
39180	Trichloroethene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.43	ug/L	0.43	Hydrochloric Acid
34488	Trichlorofluoromethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77057	Vinyl Acetate	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.31	ug/L	0.31	Hydrochloric Acid
39175	Vinyl Chloride	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.49	ug/L	0.49	Hydrochloric Acid
81551	Xylenes (Total)	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.86	ug/L	0.86	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

T[redacted] Site ID#:

W[redacted] Name: MWB-27D

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 122.02

Lab Code: J033718-02

Sampling Date/Time 7/1/2003 16:25:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type: ( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
NA	Color/Sheen	Pump	N	Field	7/1/2003 16:25:0	None		N/A	Field
NA	Conductivity	Pump	N	Field	7/1/2003 16:25:0	110	µmhos/cm	N/A	Field
NA	Dissolved Oxygen	Pump	N	Field	7/1/2003 16:25:0	5.5	mg/L O2	N/A	Field
00400	pH (Field)	Pump	N	Field	7/1/2003 16:25:0	6.41	pH Units	N/A	Field
NA	Temperature	Pump	N	Field	7/1/2003 16:25:0	22	°C	N/A	Field
NA	Turbidity	Pump	N	Field	7/1/2003 16:25:0	1.3	NTU	N/A	Field
70300	Total Dissolved Solids	Pump	N	E160.1	7/8/2003 10:35:0	71	mg/L	10	4 degrees C
00940	Total Chlorides	Pump	N	E325.2	7/7/2003 14:16:0	3.3	mg/L	0.50	4 degrees C
NA	Ammonia (as N)	Pump	N	E350.1	7/8/2003 13:15:0	0.34	mg/L	0.020	Sulfuric Acid
00620	Nitrate (as N)	Pump	N	SM4500NO3-F	7/2/2003 14:56:0	< 0.13	mg/L	0.13	4 degrees C
01002	Arsenic	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.0016	mg/L	0.0016	Nitric Acid
01007	Barium	Pump	N	SW6010B	7/3/2003 18:38:0	0.060	mg/L	0.00076	Nitric Acid
01012	Beryllium	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.000059	mg/L	0.000059	Nitric Acid
01027	Cadmium	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.00036	mg/L	0.00036	Nitric Acid
01034	Chromium	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.0010	mg/L	0.0010	Nitric Acid
01037	Cobalt	Pump	N	SW6010B	7/3/2003 18:38:0	0.00060	mg/L	0.00025	Nitric Acid
01042	Copper	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.0011	mg/L	0.0011	Nitric Acid
[redacted]	Iron	Pump	N	SW6010B	7/3/2003 18:38:0	<1:2⊃	mg/L	0.019	Nitric Acid
01051	Lead	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.00091	mg/L	0.00091	Nitric Acid
01067	Nickel	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.00085	mg/L	0.00085	Nitric Acid
01147	Selenium	Pump	N	SW6010B	7/3/2003 18:38:0	0.0044	mg/L	0.0022	Nitric Acid
01077	Silver	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.00017	mg/L	0.00017	Nitric Acid
00929	Sodium	Pump	N	SW6010B	7/3/2003 18:38:0	3.9	mg/L	0.049	Nitric Acid
01087	Vanadium	Pump	N	SW6010B	7/3/2003 18:38:0	0.00025	mg/L	0.00016	Nitric Acid
01092	Zinc	Pump	N	SW6010B	7/3/2003 18:38:0	0.012	mg/L	0.0025	Nitric Acid
01097	Antimony	Pump	N	SW7041A	7/8/2003 13:29:0	< 0.0034	mg/L	0.0034	Nitric Acid
71900	Mercury	Pump	N	SW7470A	7/8/2003 09:13:0	< 0.000018	mg/L	0.000018	Nitric Acid
01057	Thallium	Pump	N	SW7841	7/3/2003 12:50:0	< 0.00098	mg/L	0.00098	Nitric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	E504.1	7/12/2003 10:57:	< 0.0034	ug/L	0.0034	4 degrees C
NA	Ethylene Dibromide	Pump	N	E504.1	7/12/2003 10:57:	< 0.0069	ug/L	0.0069	4 degrees C
77562	1,1,1,2-Tetrachloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.27	ug/L	0.27	Hydrochloric Acid
64506	1,1,1-Trichloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34516	1,1,2,2-Tetrachloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.19	ug/L	0.19	Hydrochloric Acid
34511	1,1,2-Trichloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34496	1,1-Dichloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34501	1,1-Dichloroethene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77443	1,2,3-Trichloropropane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.33	ug/L	0.33	Hydrochloric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.55	ug/L	0.55	Hydrochloric Acid
NA	1,2-Dibromoethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34536	1,2-Dichlorobenzene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.28	ug/L	0.28	Hydrochloric Acid
34531	1,2-Dichloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34541	1,2-Dichloropropane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	1,3-Dichloropropene (Total)	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.52	ug/L	0.52	Hydrochloric Acid
34[redacted]	1,4-Dichlorobenzene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.30	ug/L	0.30	Hydrochloric Acid
[redacted]	2-Hexanone (MBK)	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	4-Methyl-2-pentanone (MIBK)	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.35	ug/L	0.35	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

Well Name: MWB-27D

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 122.02

Lab Code: J033718-02

Sampling Date/Time 7/1/2003 16:25:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
81552	Acetone	Pump	N	SW8260B	7/3/2003 19:10:0	2.2	ug/L	0.71	Hydrochloric Acid
34215	Acrylonitrile	Pump	N	SW8260B	7/3/2003 19:10:0	< 1.6	ug/L	1.6	Hydrochloric Acid
34030	Benzene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.30	ug/L	0.30	Hydrochloric Acid
73085	Bromochloromethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
32101	Bromodichloromethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.29	ug/L	0.29	Hydrochloric Acid
32104	Bromoform	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34413	Bromomethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.47	ug/L	0.47	Hydrochloric Acid
77041	Carbon Disulfide	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.41	ug/L	0.41	Hydrochloric Acid
32102	Carbon Tetrachloride	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34301	Chlorobenzene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.31	ug/L	0.31	Hydrochloric Acid
31311	Chloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.47	ug/L	0.47	Hydrochloric Acid
32106	Chloroform	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.41	ug/L	0.41	Hydrochloric Acid
34418	Chloromethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.43	ug/L	0.43	Hydrochloric Acid
77093	Cis-1,2-dichloroethene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34704	Cis-1,3-dichloropropene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.27	ug/L	0.27	Hydrochloric Acid
32105	Dibromochloromethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
NA	Dibromomethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34371	Ethylbenzene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	Iodomethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.40	ug/L	0.40	Hydrochloric Acid
NA	Methyl ethyl ketone	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34423	Methylene Chloride	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.21	ug/L	0.21	Hydrochloric Acid
77128	Styrene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34475	Tetrachloroethene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.43	ug/L	0.43	Hydrochloric Acid
78131	Toluene	Pump	N	SW8260B	7/3/2003 19:10:0	0.34	ug/L	0.29	Hydrochloric Acid
34546	Trans-1,2-dichloroethene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.50	ug/L	0.50	Hydrochloric Acid
34699	Trans-1,3-dichloropropene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
77268	Trans-1,4-dichloro-2-butene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.52	ug/L	0.52	Hydrochloric Acid
39180	Trichloroethene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.43	ug/L	0.43	Hydrochloric Acid
34488	Trichlorofluoromethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77057	Vinyl Acetate	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.31	ug/L	0.31	Hydrochloric Acid
39175	Vinyl Chloride	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.49	ug/L	0.49	Hydrochloric Acid
81551	Xylenes (Total)	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.86	ug/L	0.86	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Site ID#:

Name: MWB-29S

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 130.84

Lab Code: J033705-21

Sampling Date/Time 7/1/2003 11:12:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type: ( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
NA	Color/Sheen	Pump	N	lor/Sheen Field Meth	7/1/2003 11:12:0	None		N/A	Field
NA	Conductivity	Pump	N	Field	7/1/2003 11:12:0	37	µmhos/cm	N/A	Field
NA	Dissolved Oxygen	Pump	N	Field	7/1/2003 11:12:0	1.3	mg/L O2	N/A	Field
00400	pH (Field)	Pump	N	Field	7/1/2003 11:12:0	4.95	pH Units	N/A	Field
NA	Temperature	Pump	N	Field	7/1/2003 11:12:0	25	°C	N/A	Field
NA	Turbidity	Pump	N	Field	7/1/2003 11:12:0	3.4	NTU	N/A	Field
70300	Total Dissolved Solids	Pump	N	E160.1	7/8/2003 07:30:0	45	mg/L	10	4 degrees C
00940	Total Chlorides	Pump	N	E325.2	7/1/703 10:50:00	4.1	mg/L	0.50	4 degrees C
NA	Ammonia (as N)	Pump	N	E350.1	7/8/2003 13:15:0	0.30	mg/L	0.020	Sulfuric Acid
00620	Nitrate (as N)	Pump	N	SM4500NO3-F	7/2/2003 09:47:0	< 0.13	mg/L	0.13	4 degrees C
01002	Arsenic	Pump	N	SW6010B	7/3/2003 00:08:0	< 0.0016	mg/L	0.0016	Nitric Acid
01007	Barium	Pump	N	SW6010B	7/3/2003 00:08:0	0.0084	mg/L	0.00076	Nitric Acid
01012	Beryllium	Pump	N	SW6010B	7/3/2003 00:08:0	< 0.000059	mg/L	0.000059	Nitric Acid
01027	Cadmium	Pump	N	SW6010B	7/3/2003 00:08:0	< 0.00036	mg/L	0.00036	Nitric Acid
01034	Chromium	Pump	N	SW6010B	7/3/2003 00:08:0	< 0.0010	mg/L	0.0010	Nitric Acid
01037	Cobalt	Pump	N	SW6010B	7/3/2003 00:08:0	< 0.00025	mg/L	0.00025	Nitric Acid
01042	Copper	Pump	N	SW6010B	7/3/2003 00:08:0	< 0.0011	mg/L	0.0011	Nitric Acid
[redacted]	Iron	Pump	N	SW6010B	7/3/2003 00:08:0	0.33	mg/L	0.019	Nitric Acid
01051	Lead	Pump	N	SW6010B	7/3/2003 00:08:0	< 0.00091	mg/L	0.00091	Nitric Acid
01067	Nickel	Pump	N	SW6010B	7/3/2003 00:08:0	< 0.00085	mg/L	0.00085	Nitric Acid
01147	Selenium	Pump	N	SW6010B	7/3/2003 00:08:0	0.0037	mg/L	0.0022	Nitric Acid
01077	Silver	Pump	N	SW6010B	7/3/2003 00:08:0	< 0.00017	mg/L	0.00017	Nitric Acid
00929	Sodium	Pump	N	SW6010B	7/3/2003 00:08:0	3.1	mg/L	0.049	Nitric Acid
01087	Vanadium	Pump	N	SW6010B	7/3/2003 00:08:0	0.00035	mg/L	0.00016	Nitric Acid
01092	Zinc	Pump	N	SW6010B	7/3/2003 00:08:0	0.0040	mg/L	0.0025	Nitric Acid
01097	Antimony	Pump	N	SW7041A	7/8/2003 12:35:0	< 0.0034	mg/L	0.0034	Nitric Acid
71900	Mercury	Pump	N	SW7470A	7/8/2003 11:41:0	< 0.000018	mg/L	0.000018	Nitric Acid
01087	Thallium	Pump	N	SW7841	7/2/2003 17:46:0	< 0.00098	mg/L	0.00098	Nitric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	E504.1	7/11/2003 19:13:	< 0.0034	ug/L	0.0034	4 degrees C
NA	Ethylene Dibromide	Pump	N	E504.1	7/11/2003 19:13:	< 0.0069	ug/L	0.0069	4 degrees C
77562	1,1,1,2-Tetrachloroethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.27	ug/L	0.27	Hydrochloric Acid
64506	1,1,1-Trichloroethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34516	1,1,2,2-Tetrachloroethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.19	ug/L	0.19	Hydrochloric Acid
34511	1,1,2-Trichloroethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34496	1,1-Dichloroethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34501	1,1-Dichloroethene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77443	1,2,3-Trichloropropane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.33	ug/L	0.33	Hydrochloric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.55	ug/L	0.55	Hydrochloric Acid
NA	1,2-Dibromoethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34536	1,2-Dichlorobenzene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.28	ug/L	0.28	Hydrochloric Acid
34531	1,2-Dichloroethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34541	1,2-Dichloropropane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	1,3-Dichloropropene (Total)	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.52	ug/L	0.52	Hydrochloric Acid
[redacted]	1,4-Dichlorobenzene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.30	ug/L	0.30	Hydrochloric Acid
[redacted]	2-Hexanone (MBK)	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	4-Methyl-2-pentanone (MIBK)	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.35	ug/L	0.35	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

Well Name: MWB-29S

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 130.84

Lab Code: J033705-21

Sampling Date/Time 7/1/2003 11:12:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
81552	Acetone	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.71	ug/L	0.71	Hydrochloric Acid
34215	Acrylonitrile	Pump	N	SW8260B	7/2/2003 19:20:0	< 1.6	ug/L	1.6	Hydrochloric Acid
34030	Benzene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.30	ug/L	0.30	Hydrochloric Acid
73085	Bromochloromethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.39	ug/L	0.39	Hydrochloric Acid
32101	Bromodichloromethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.29	ug/L	0.29	Hydrochloric Acid
32104	Bromoform	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34413	Bromomethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.47	ug/L	0.47	Hydrochloric Acid
77041	Carbon Disulfide	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.41	ug/L	0.41	Hydrochloric Acid
32102	Carbon Tetrachloride	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34301	Chlorobenzene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.31	ug/L	0.31	Hydrochloric Acid
31311	Chloroethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.47	ug/L	0.47	Hydrochloric Acid
32106	Chloroform	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.41	ug/L	0.41	Hydrochloric Acid
34418	Chloromethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.43	ug/L	0.43	Hydrochloric Acid
77093	Cis-1,2-dichloroethene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34704	Cis-1,3-dichloropropene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.27	ug/L	0.27	Hydrochloric Acid
32105	Dibromochloromethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.25	ug/L	0.25	Hydrochloric Acid
NA	Dibromomethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34371	Ethylbenzene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.27	ug/L	0.27	Hydrochloric
NA	Iodomethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.40	ug/L	0.40	Hydrochloric Acid
NA	Methyl ethyl ketone	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34423	Methylene Chloride	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.21	ug/L	0.21	Hydrochloric Acid
77128	Styrene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34475	Tetrachloroethene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.43	ug/L	0.43	Hydrochloric Acid
78131	Toluene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.29	ug/L	0.29	Hydrochloric Acid
34546	Trans-1,2-dichloroethene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.50	ug/L	0.50	Hydrochloric Acid
34699	Trans-1,3-dichloropropene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.25	ug/L	0.25	Hydrochloric Acid
77268	Trans-1,4-dichloro-2-butene	Pump	N	SW8260B	7/2/2003 19:20:0	1.3	ug/L	0.52	Hydrochloric Acid
39180	Trichloroethene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.43	ug/L	0.43	Hydrochloric Acid
34488	Trichlorofluoromethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77057	Vinyl Acetate	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.31	ug/L	0.31	Hydrochloric Acid
39175	Vinyl Chloride	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.49	ug/L	0.49	Hydrochloric Acid
81551	Xylenes (Total)	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.86	ug/L	0.86	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Site ID#: [redacted]

Name: MWB-29I

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 132.53

Lab Code: J033705-17

Sampling Date/Time 7/1/2003 11:36:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
NA	Color/Sheen	Pump	N	lor/Sheen Field Meth	7/1/2003 11:36:0	Wht		N/A	Field
NA	Conductivity	Pump	N	Field	7/1/2003 11:36:0	39	µmhos/cm	N/A	Field
NA	Dissolved Oxygen	Pump	N	Field	7/1/2003 11:36:0	0.90	mg/L O2	N/A	Field
00400	pH (Field)	Pump	N	Field	7/1/2003 11:36:0	5.25	pH Units	N/A	Field
NA	Temperature	Pump	N	Field	7/1/2003 11:36:0	23	°C	N/A	Field
NA	Turbidity	Pump	N	Field	7/1/2003 11:36:0	80	NTU	N/A	Field
70300	Total Dissolved Solids	Pump	N	E160.1	7/8/2003 07:30:0	44	mg/L	10	4 degrees C
00940	Total Chlorides	Pump	N	E325.2	7/1/703 10:50:00	3.3	mg/L	0.50	4 degrees C
NA	Ammonia (as N)	Pump	N	E350.1	7/8/2003 13:15:0	0.28	mg/L	0.020	Sulfuric Acid
00620	Nitrate (as N)	Pump	N	SM4500NO3-F	7/2/2003 09:47:0	< 0.13	mg/L	0.13	4 degrees C
01002	Arsenic	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0016	mg/L	0.0016	Nitric Acid
NA	Arsenic, dissolved	Pump	Y	SW6010B	7/2/2003 20:19:0	< 0.0016	mg/L	0.0016	
01007	Barium	Pump	N	SW6010B	7/2/2003 20:19:0	0.052	mg/L	0.00076	Nitric Acid
NA	Barium, dissolved	Pump	Y	SW6010B	7/2/2003 20:19:0	0.034	mg/L	0.00076	
01012	Beryllium	Pump	N	SW6010B	7/2/2003 20:19:0	0.00019	mg/L	0.000059	Nitric Acid
NA	Beryllium, dissolved	Pump	Y	SW6010B	7/2/2003 20:19:0	< 0.000059	mg/L	0.000059	
01027	Cadmium	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00036	mg/L	0.00036	Nitric Acid
[redacted]	Cadmium, dissolved	Pump	Y	SW6010B	7/2/2003 20:19:0	< 0.00036	mg/L	0.00036	
01034	Chromium	Pump	N	SW6010B	7/2/2003 20:19:0	0.0038	mg/L	0.0010	Nitric Acid
NA	Chromium, dissolved	Pump	Y	SW6010B	7/2/2003 20:19:0	< 0.0010	mg/L	0.0010	
01037	Cobalt	Pump	N	SW6010B	7/2/2003 20:19:0	0.00031	mg/L	0.00025	Nitric Acid
NA	Cobalt, dissolved	Pump	Y	SW6010B	7/2/2003 20:19:0	< 0.00025	mg/L	0.00025	
01042	Copper	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0011	mg/L	0.0011	Nitric Acid
NA	Copper, dissolved	Pump	Y	SW6010B	7/2/2003 20:19:0	< 0.0011	mg/L	0.0011	
01045	Iron	Pump	N	SW6010B	7/2/2003 20:19:0	<0.62	mg/L	0.019	Nitric Acid
NA	Iron, dissolved	Pump	Y	SW6010B	7/2/2003 20:19:0	<0.43	mg/L	0.019	
01051	Lead	Pump	N	SW6010B	7/2/2003 20:19:0	0.0035	mg/L	0.00091	Nitric Acid
NA	Lead, dissolved	Pump	Y	SW6010B	7/2/2003 20:19:0	< 0.00091	mg/L	0.00091	
01067	Nickel	Pump	N	SW6010B	7/2/2003 20:19:0	0.0032	mg/L	0.00085	Nitric Acid
NA	Nickel, dissolved	Pump	Y	SW6010B	7/2/2003 20:19:0	0.0017	mg/L	0.00085	
01147	Selenium	Pump	N	SW6010B	7/2/2003 20:19:0	0.0044	mg/L	0.0022	Nitric Acid
NA	Selenium, dissolved	Pump	Y	SW6010B	7/2/2003 20:19:0	0.0061	mg/L	0.0022	
01077	Silver	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00017	mg/L	0.00017	Nitric Acid
NA	Silver, dissolved	Pump	Y	SW6010B	7/2/2003 20:19:0	< 0.00017	mg/L	0.00017	
00929	Sodium	Pump	N	SW6010B	7/2/2003 20:19:0	3.4	mg/L	0.049	Nitric Acid
NA	Sodium, dissolved	Pump	Y	SW6010B	7/2/2003 20:19:0	3.0	mg/L	0.049	
01087	Vanadium	Pump	N	SW6010B	7/2/2003 20:19:0	0.0037	mg/L	0.00016	Nitric Acid
NA	Vanadium, dissolved	Pump	Y	SW6010B	7/2/2003 20:19:0	0.00038	mg/L	0.00016	
01092	Zinc	Pump	N	SW6010B	7/2/2003 20:19:0	0.0040	mg/L	0.0025	Nitric Acid
NA	Zinc, dissolved	Pump	Y	SW6010B	7/2/2003 20:19:0	0.0030	mg/L	0.0025	
01097	Antimony	Pump	N	SW7041A	7/8/2003 07:37:0	< 0.0034	mg/L	0.0034	Nitric Acid
NA	Antimony, Dissolved	Pump	Y	SW7041A	7/8/2003 07:37:0	< 0.0034	mg/L	0.0034	
71900	Mercury	Pump	N	SW7470A	7/8/2003 11:41:0	< 0.000018	mg/L	0.000018	Nitric Acid
[redacted]	Mercury, dissolved	Pump	Y	SW7470A	7/8/2003 11:41:0	< 0.000018	mg/L	0.000018	
[redacted]	Thallium	Pump	N	SW7841	7/2/2003 16:14:0	0.0012	mg/L	0.00098	Nitric Acid
NA	Thallium, dissolved	Pump	Y	SW7841	7/2/2003 16:14:0	< 0.00098	mg/L	0.00098	

Part III: Analytical Results

Facility GMS#: 3116P02787
Test Site ID#:
Well Name: MWB-29I
Classified of Ground Water: G-II
Ground Water Elevation (NGVD):
or (MSL): 132.53
Lab Code: J033705-17

Sampling Date/Time 7/1/2003 11:36:00
Report Period: 2003
Well Purge (Y/N): Y
Well Type: ( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
38760	1,2-Dibromo-3-chloropropane	Pump	N	E504.1	7/11/2003 19:13:	< 0.0034	ug/L	0.0034	4 degrees C
NA	Ethylene Dibromide	Pump	N	E504.1	7/11/2003 19:13:	< 0.0069	ug/L	0.0069	4 degrees C
77562	1,1,1,2-Tetrachloroethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.27	ug/L	0.27	Hydrochloric Acid
64506	1,1,1-Trichloroethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34516	1,1,2,2-Tetrachloroethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.19	ug/L	0.19	Hydrochloric Acid
34511	1,1,2-Trichloroethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34496	1,1-Dichloroethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34501	1,1-Dichloroethene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77443	1,2,3-Trichloropropane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.33	ug/L	0.33	Hydrochloric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.55	ug/L	0.55	Hydrochloric Acid
NA	1,2-Dibromoethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34536	1,2-Dichlorobenzene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.28	ug/L	0.28	Hydrochloric Acid
34531	1,2-Dichloroethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34541	1,2-Dichloropropane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	1,3-Dichloropropene (Total)	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.52	ug/L	0.52	Hydrochloric Acid
34571	1,4-Dichlorobenzene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	2-Hexanone (MBK)	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	4-Methyl-2-pentanone (MIBK)	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.35	ug/L	0.35	Hydrochloric Acid
81552	Acetone	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.71	ug/L	0.71	Hydrochloric Acid
34215	Acrylonitrile	Pump	N	SW8260B	7/2/2003 19:20:0	< 1.6	ug/L	1.6	Hydrochloric Acid
34030	Benzene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.30	ug/L	0.30	Hydrochloric Acid
73085	Bromochloromethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.39	ug/L	0.39	Hydrochloric Acid
32101	Bromodichloromethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.29	ug/L	0.29	Hydrochloric Acid
32104	Bromoform	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34413	Bromomethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.47	ug/L	0.47	Hydrochloric Acid
77041	Carbon Disulfide	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.41	ug/L	0.41	Hydrochloric Acid
32102	Carbon Tetrachloride	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34301	Chlorobenzene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.31	ug/L	0.31	Hydrochloric Acid
31311	Chloroethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.47	ug/L	0.47	Hydrochloric Acid
32106	Chloroform	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.41	ug/L	0.41	Hydrochloric Acid
34418	Chloromethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.43	ug/L	0.43	Hydrochloric Acid
77093	Cis-1,2-dichloroethene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34704	Cis-1,3-dichloropropene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.27	ug/L	0.27	Hydrochloric Acid
32105	Dibromochloromethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.25	ug/L	0.25	Hydrochloric Acid
NA	Dibromomethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34371	Ethylbenzene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	Iodomethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.40	ug/L	0.40	Hydrochloric Acid
NA	Methyl ethyl ketone	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34423	Methylene Chloride	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.21	ug/L	0.21	Hydrochloric Acid
77128	Styrene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34475	Tetrachloroethene	Pump	N	SW8260B	7/2/2003 19:20:0	0.48	ug/L	0.43	Hydrochloric Acid
78131	Toluene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.29	ug/L	0.29	Hydrochloric Acid
34546	Trans-1,2-dichloroethene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.50	ug/L	0.50	Hydrochloric Acid
34699	Trans-1,3-dichloropropene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.25	ug/L	0.25	Hydrochloric Acid
77268	Trans-1,4-dichloro-2-butene	Pump	N	SW8260B	7/2/2003 19:20:0	1.3	ug/L	0.52	Hydrochloric Acid
39180	Trichloroethene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.43	ug/L	0.43	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Site ID#:

Well Name: MWB-29I

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 132.53

Lab Code: J033705-17

Sampling Date/Time 7/1/2003 11:36:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
34488	Trichlorofluoromethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77057	Vinyl Acetate	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.31	ug/L	0.31	Hydrochloric Acid
39175	Vinyl Chloride	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.49	ug/L	0.49	Hydrochloric Acid
81551	Xylenes (Total)	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.86	ug/L	0.86	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

Well Name: MWB-29D

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 132.50

Lab Code: J033705-01

Sampling Date/Time 7/1/2003 11:08:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
NA	Color/Sheen	Pump	N	lor/Sheen Field Meth	7/1/2003 11:08:0	None		N/A	Field
NA	Conductivity	Pump	N	Field	7/1/2003 11:08:0	74	µmhos/cm	N/A	Field
NA	Dissolved Oxygen	Pump	N	Field	7/1/2003 11:08:0	0.90	mg/L O2	N/A	Field
00400	pH (Field)	Pump	N	Field	7/1/2003 11:08:0	5.73	pH Units	N/A	Field
NA	Temperature	Pump	N	Field	7/1/2003 11:08:0	22	°C	N/A	Field
NA	Turbidity	Pump	N	Field	7/1/2003 11:08:0	1.9	NTU	N/A	Field
70300	Total Dissolved Solids	Pump	N	E160.1	7/8/2003 07:30:0	77	mg/L	10	4 degrees C
00940	Total Chlorides	Pump	N	E325.2	7/1/703 10:50:00	4.6	mg/L	0.50	4 degrees C
NA	Ammonia (as N)	Pump	N	E350.1	7/8/2003 13:15:0	0.25	mg/L	0.020	Sulfuric Acid
00620	Nitrate (as N)	Pump	N	SM4500NO3-F	7/2/2003 09:47:0	< 0.13	mg/L	0.13	4 degrees C
01002	Arsenic	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0016	mg/L	0.0016	Nitric Acid
01007	Barium	Pump	N	SW6010B	7/2/2003 20:19:0	0.059	mg/L	0.00076	Nitric Acid
01012	Beryllium	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.000059	mg/L	0.000059	Nitric Acid
01027	Cadmium	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00036	mg/L	0.00036	Nitric Acid
01034	Chromium	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0010	mg/L	0.0010	Nitric Acid
01037	Cobalt	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00025	mg/L	0.00025	Nitric Acid
01042	Copper	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0011	mg/L	0.0011	Nitric Acid
01045	Iron	Pump	N	SW6010B	7/2/2003 20:19:0	<1.1>	mg/L	0.019	Nitric Acid
01051	Lead	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00091	mg/L	0.00091	Nitric Acid
01067	Nickel	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00085	mg/L	0.00085	Nitric Acid
01147	Selenium	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0022	mg/L	0.0022	Nitric Acid
01077	Silver	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.00017	mg/L	0.00017	Nitric Acid
00929	Sodium	Pump	N	SW6010B	7/2/2003 20:19:0	3.3	mg/L	0.049	Nitric Acid
01087	Vanadium	Pump	N	SW6010B	7/2/2003 20:19:0	0.0011	mg/L	0.00016	Nitric Acid
01092	Zinc	Pump	N	SW6010B	7/2/2003 20:19:0	< 0.0025	mg/L	0.0025	Nitric Acid
01097	Antimony	Pump		SW7041A	7/8/2003 07:37:0	< 0.0034	mg/L	0.0034	
71900	Mercury	Pump	N	SW7470A	7/8/2003 10:29:0	< 0.000018	mg/L	0.000018	Nitric Acid
01087	Thallium	Pump	N	SW7841	7/2/2003 16:14:0	< 0.00098	mg/L	0.00098	Nitric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	E504.1	7/11/2003 19:13:	< 0.0034	ug/L	0.0034	4 degrees C
NA	Ethylene Dibromide	Pump	N	E504.1	7/11/2003 19:13:	< 0.0069	ug/L	0.0069	4 degrees C
77562	1,1,1,2-Tetrachloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.27	ug/L	0.27	Hydrochloric Acid
64506	1,1,1-Trichloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34516	1,1,2,2-Tetrachloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.19	ug/L	0.19	Hydrochloric Acid
34511	1,1,2-Trichloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34496	1,1-Dichloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34501	1,1-Dichloroethene	Pump	N	SW8260B	7/1/2003 19:04:0	2.3	ug/L	0.50	Hydrochloric Acid
77443	1,2,3-Trichloropropane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.33	ug/L	0.33	Hydrochloric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.55	ug/L	0.55	Hydrochloric Acid
NA	1,2-Dibromoethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34536	1,2-Dichlorobenzene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.28	ug/L	0.28	Hydrochloric Acid
34531	1,2-Dichloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34541	1,2-Dichloropropane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	1,3-Dichloropropene (Total)	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.52	ug/L	0.52	Hydrochloric Acid
34571	1,4-Dichlorobenzene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	2-Hexanone (MBK)	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	4-Methyl-2-pentanone (MIBK)	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.35	ug/L	0.35	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

Well Name: MWB-29D

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 132.50

Lab Code: J033705-01

Sampling Date/Time 7/1/2003 11:08:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
81552	Acetone	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.71	ug/L	0.71	Hydrochloric Acid
34215	Acrylonitrile	Pump	N	SW8260B	7/1/2003 19:04:0	< 1.6	ug/L	1.6	Hydrochloric Acid
34030	Benzene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.30	ug/L	0.30	Hydrochloric Acid
73085	Bromochloromethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.39	ug/L	0.39	Hydrochloric Acid
32101	Bromodichloromethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.29	ug/L	0.29	Hydrochloric Acid
32104	Bromoform	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34413	Bromomethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.47	ug/L	0.47	Hydrochloric Acid
77041	Carbon Disulfide	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.41	ug/L	0.41	Hydrochloric Acid
32102	Carbon Tetrachloride	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34301	Chlorobenzene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.31	ug/L	0.31	Hydrochloric Acid
31311	Chloroethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.47	ug/L	0.47	Hydrochloric Acid
32106	Chloroform	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.41	ug/L	0.41	Hydrochloric Acid
34418	Chloromethane	Pump	N	SW8260B	7/1/2003 19:04:0	0.87	ug/L	0.43	Hydrochloric Acid
77093	Cis-1,2-dichloroethene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34704	Cis-1,3-dichloropropene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.27	ug/L	0.27	Hydrochloric Acid
32105	Dibromochloromethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
NA	Dibromomethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.34	ug/L	0.34	Hydrochloric Acid
[redacted]	Ethylbenzene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	Iodomethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.40	ug/L	0.40	Hydrochloric Acid
NA	Methyl ethyl ketone	Pump	N	SW8260B	7/1/2003 19:04:0	2.6	ug/L	0.25	Hydrochloric Acid
34423	Methylene Chloride	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.21	ug/L	0.21	Hydrochloric Acid
77128	Styrene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34475	Tetrachloroethene	Pump	N	SW8260B	7/1/2003 19:04:0	2.3	ug/L	0.43	Hydrochloric Acid
78131	Toluene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.29	ug/L	0.29	Hydrochloric Acid
34546	Trans-1,2-dichloroethene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.50	ug/L	0.50	Hydrochloric Acid
34699	Trans-1,3-dichloropropene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.25	ug/L	0.25	Hydrochloric Acid
77268	Trans-1,4-dichloro-2-butene	Pump	N	SW8260B	7/1/2003 19:04:0	1.3	ug/L	0.52	Hydrochloric Acid
39180	Trichloroethene	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.43	ug/L	0.43	Hydrochloric Acid
34488	Trichlorofluoromethane	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77057	Vinyl Acetate	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.31	ug/L	0.31	Hydrochloric Acid
39175	Vinyl Chloride	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.49	ug/L	0.49	Hydrochloric Acid
81551	Xylenes (Total)	Pump	N	SW8260B	7/1/2003 19:04:0	< 0.86	ug/L	0.86	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

Well Name: MWB-32S

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 116.25

Lab Code: J033736-04

Sampling Date/Time 7/2/2003 08:22:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
NA	Color/Sheen	Pump	N	Field	7/2/2003 08:22:0	Brn		N/A	Field
NA	Conductivity	Pump	N	Field	7/2/2003 08:22:0	280	µmhos/cm	N/A	Field
NA	Dissolved Oxygen	Pump	N	Field	7/2/2003 08:22:0	1.2	mg/L O2	N/A	Field
00400	pH (Field)	Pump	N	Field	7/2/2003 08:22:0	5.97	pH Units	N/A	Field
NA	Temperature	Pump	N	Field	7/2/2003 08:22:0	22	°C	N/A	Field
NA	Turbidity	Pump	N	Field	7/2/2003 08:22:0	200	NTU	N/A	Field
70300	Total Dissolved Solids	Pump	N	E160.1	7/8/2003 14:30:0	200	mg/L	10	4 degrees C
00940	Total Chlorides	Pump	N	E325.2	7/8/2003 09:51:0	29	mg/L	0.50	4 degrees C
NA	Ammonia (as N)	Pump	N	E350.1	7/8/2003 13:15:0	0.44	mg/L	0.020	Sulfuric Acid
00620	Nitrate (as N)	Pump	N	SM4500NO3-F	7/3/2003 10:55:0	< 0.13	mg/L	0.13	4 degrees C
01002	Arsenic	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.0016	mg/L	0.0016	Nitric Acid
NA	Arsenic, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	< 0.0016	mg/L	0.0016	
01007	Barium	Pump	N	SW6010B	7/3/2003 23:31:0	0.024	mg/L	0.00076	Nitric Acid
NA	Barium, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	0.024	mg/L	0.00076	
01012	Beryllium	Pump	N	SW6010B	7/3/2003 23:31:0	0.00011	mg/L	0.000059	Nitric Acid
NA	Beryllium, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	0.000076	mg/L	0.000059	
01027	Cadmium	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.00036	mg/L	0.00036	Nitric Acid
NA	Cadmium, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	< 0.00036	mg/L	0.00036	
01034	Chromium	Pump	N	SW6010B	7/3/2003 23:31:0	0.0061	mg/L	0.0010	Nitric Acid
NA	Chromium, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	0.0048	mg/L	0.0010	
01037	Cobalt	Pump	N	SW6010B	7/3/2003 23:31:0	0.00090	mg/L	0.00025	Nitric Acid
NA	Cobalt, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	0.0010	mg/L	0.00025	
01042	Copper	Pump	N	SW6010B	7/3/2003 23:31:0	0.0036	mg/L	0.0011	Nitric Acid
NA	Copper, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	0.0027	mg/L	0.0011	
01045	Iron	Pump	N	SW6010B	7/3/2003 23:31:0	0.35	mg/L	0.019	Nitric Acid
NA	Iron, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	0.24	mg/L	0.019	
01051	Lead	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.00091	mg/L	0.00091	Nitric Acid
NA	Lead, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	< 0.00091	mg/L	0.00091	
01067	Nickel	Pump	N	SW6010B	7/3/2003 23:31:0	0.00099	mg/L	0.00085	Nitric Acid
NA	Nickel, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	0.0013	mg/L	0.00085	
01147	Selenium	Pump	N	SW6010B	7/3/2003 23:31:0	0.0078	mg/L	0.0022	Nitric Acid
NA	Selenium, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	< 0.0022	mg/L	0.0022	
01077	Silver	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.00017	mg/L	0.00017	Nitric Acid
NA	Silver, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	< 0.00017	mg/L	0.00017	
00929	Sodium	Pump	N	SW6010B	7/3/2003 23:31:0	16	mg/L	0.049	Nitric Acid
NA	Sodium, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	20	mg/L	0.049	
01087	Vanadium	Pump	N	SW6010B	7/3/2003 23:31:0	0.0072	mg/L	0.00016	Nitric Acid
NA	Vanadium, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	0.0063	mg/L	0.00016	
01092	Zinc	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.0025	mg/L	0.0025	Nitric Acid
NA	Zinc, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	< 0.0025	mg/L	0.0025	
01097	Antimony	Pump	N	SW7041A	7/8/2003 15:44:0	< 0.0034	mg/L	0.0034	Nitric Acid
NA	Antimony, Dissolved	Pump	Y	SW7041A	7/8/2003 15:44:0	< 0.0034	mg/L	0.0034	
71900	Mercury	Pump	N	SW7470A	7/8/2003 11:41:0	0.000029	mg/L	0.000018	Nitric Acid
NA	Mercury, dissolved	Pump	Y	SW7470A	7/8/2003 11:41:0	< 0.000018	mg/L	0.000018	
01087	Thallium	Pump	N	SW7841	7/9/2003 15:22:0	< 0.00098	mg/L	0.00098	Nitric Acid
NA	Thallium, dissolved	Pump	Y	SW7841	7/9/2003 15:22:0	< 0.00098	mg/L	0.00098	

Part III: Analytical Results

Facility GMS#: 3116P02787

[redacted] Site ID#:

[redacted] Name: MWB-32S

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 116.25

Lab Code: J033736-04

Sampling Date/Time 7/2/2003 08:22:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
38760	1,2-Dibromo-3-chloropropane	Pump	N	E504.1	7/4/2003 15:31:0	< 0.0034	ug/L	0.0034	4 degrees C
NA	Ethylene Dibromide	Pump	N	E504.1	7/4/2003 15:31:0	< 0.0069	ug/L	0.0069	4 degrees C
77562	1,1,1,2-Tetrachloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
64506	1,1,1-Trichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34516	1,1,2,2-Tetrachloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.19	ug/L	0.19	Hydrochloric Acid
34511	1,1,2-Trichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34496	1,1-Dichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34501	1,1-Dichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77443	1,2,3-Trichloropropane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.33	ug/L	0.33	Hydrochloric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.55	ug/L	0.55	Hydrochloric Acid
NA	1,2-Dibromoethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34536	1,2-Dichlorobenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.28	ug/L	0.28	Hydrochloric Acid
34531	1,2-Dichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34541	1,2-Dichloropropane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	1,3-Dichloropropene (Total)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.52	ug/L	0.52	Hydrochloric Acid
34571	1,4-Dichlorobenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	2-Hexanone (MBK)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
[redacted]	4-Methyl-2-pentanone (MIBK)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.35	ug/L	0.35	Hydrochloric Acid
81552	Acetone	Pump	N	SW8260B	7/7/2003 12:57:0	2.1	ug/L	0.71	Hydrochloric Acid
34215	Acrylonitrile	Pump	N	SW8260B	7/7/2003 12:57:0	< 1.6	ug/L	1.6	Hydrochloric Acid
34030	Benzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.30	ug/L	0.30	Hydrochloric Acid
73085	Bromochloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
32101	Bromodichloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.29	ug/L	0.29	Hydrochloric Acid
32104	Bromoform	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34413	Bromomethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.47	ug/L	0.47	Hydrochloric Acid
77041	Carbon Disulfide	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.41	ug/L	0.41	Hydrochloric Acid
32102	Carbon Tetrachloride	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34301	Chlorobenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.31	ug/L	0.31	Hydrochloric Acid
31311	Chloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.47	ug/L	0.47	Hydrochloric Acid
32106	Chloroform	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.41	ug/L	0.41	Hydrochloric Acid
34418	Chloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.43	ug/L	0.43	Hydrochloric Acid
77093	Cis-1,2-dichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34704	Cis-1,3-dichloropropene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
32105	Dibromochloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
NA	Dibromomethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34371	Ethylbenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	Iodomethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.40	ug/L	0.40	Hydrochloric Acid
NA	Methyl ethyl ketone	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34423	Methylene Chloride	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.21	ug/L	0.21	Hydrochloric Acid
77128	Styrene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34475	Tetrachloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.43	ug/L	0.43	Hydrochloric Acid
78131	Toluene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.29	ug/L	0.29	Hydrochloric Acid
34546	Trans-1,2-dichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.50	ug/L	0.50	Hydrochloric Acid
[redacted]	Trans-1,3-dichloropropene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
[redacted]	Trans-1,4-dichloro-2-butene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.52	ug/L	0.52	Hydrochloric Acid
39180	Trichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.43	ug/L	0.43	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

Well Name: MWB-32S

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 116.25

Lab Code: J033736-04

Sampling Date/Time 7/2/2003 08:22:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
34488	Trichlorofluoromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77057	Vinyl Acetate	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.31	ug/L	0.31	Hydrochloric Acid
39175	Vinyl Chloride	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.49	ug/L	0.49	Hydrochloric Acid
81551	Xylenes (Total)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.86	ug/L	0.86	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Site ID#: [redacted]

Well Name: MWB-32I

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 116.89

Lab Code: J033736-09

Sampling Date/Time 7/2/2003 08:15:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type: ( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
NA	Color/Sheen	Pump	N	Field	7/2/2003 08:15:0	Wht		N/A	Field
NA	Conductivity	Pump	N	Field	7/2/2003 08:15:0	40	µmhos/cm	N/A	Field
NA	Dissolved Oxygen	Pump	N	Field	7/2/2003 08:15:0	0.80	mg/L O2	N/A	Field
00400	pH (Field)	Pump	N	Field	7/2/2003 08:15:0	5.22	pH Units	N/A	Field
NA	Temperature	Pump	N	Field	7/2/2003 08:15:0	21	°C	N/A	Field
NA	Turbidity	Pump	N	Field	7/2/2003 08:15:0	<540>	NTU	N/A	Field
70300	Total Dissolved Solids	Pump	N	E160.1	7/8/2003 14:30:0	46	mg/L	10	4 degrees C
00940	Total Chlorides	Pump	N	E325.2	7/8/2003 09:51:0	3.7	mg/L	0.50	4 degrees C
NA	Ammonia (as N)	Pump	N	E350.1	7/8/2003 13:15:0	0.15	mg/L	0.020	Sulfuric Acid
00620	Nitrate (as N)	Pump	N	SM4500NO3-F	7/3/2003 10:55:0	< 0.13	mg/L	0.13	4 degrees C
01002	Arsenic	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.0016	mg/L	0.0016	Nitric Acid
NA	Arsenic, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	< 0.0016	mg/L	0.0016	
01007	Barium	Pump	N	SW6010B	7/3/2003 23:31:0	0.094	mg/L	0.00076	Nitric Acid
NA	Barium, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	0.036	mg/L	0.00076	
01012	Beryllium	Pump	N	SW6010B	7/3/2003 23:31:0	0.00067	mg/L	0.000059	Nitric Acid
NA	Beryllium, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	< 0.000059	mg/L	0.000059	
01027	Cadmium	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.00036	mg/L	0.00036	Nitric Acid
[redacted]	Cadmium, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	< 0.00036	mg/L	0.00036	
01034	Chromium	Pump	N	SW6010B	7/3/2003 23:31:0	0.018	mg/L	0.0010	Nitric Acid
NA	Chromium, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	0.0017	mg/L	0.0010	
01037	Cobalt	Pump	N	SW6010B	7/3/2003 23:31:0	0.0014	mg/L	0.00025	Nitric Acid
NA	Cobalt, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	0.00052	mg/L	0.00025	
01042	Copper	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.0011	mg/L	0.0011	Nitric Acid
NA	Copper, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	< 0.0011	mg/L	0.0011	
01045	Iron	Pump	N	SW6010B	7/3/2003 23:31:0	<1.1>	mg/L	0.019	Nitric Acid
NA	Iron, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	<0.33>	mg/L	0.019	
01051	Lead	Pump	N	SW6010B	7/3/2003 23:31:0	0.019	mg/L	0.00091	Nitric Acid
NA	Lead, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	0.0024	mg/L	0.00091	
01067	Nickel	Pump	N	SW6010B	7/3/2003 23:31:0	0.0054	mg/L	0.00085	Nitric Acid
NA	Nickel, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	0.0037	mg/L	0.00085	
01147	Selenium	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.0022	mg/L	0.0022	Nitric Acid
NA	Selenium, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	< 0.0022	mg/L	0.0022	
01077	Silver	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.00017	mg/L	0.00017	Nitric Acid
NA	Silver, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	0.00021	mg/L	0.00017	
00929	Sodium	Pump	N	SW6010B	7/3/2003 23:31:0	3.3	mg/L	0.049	Nitric Acid
NA	Sodium, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	2.9	mg/L	0.049	
01087	Vanadium	Pump	N	SW6010B	7/3/2003 23:31:0	0.016	mg/L	0.00016	Nitric Acid
NA	Vanadium, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	0.0017	mg/L	0.00016	
01092	Zinc	Pump	N	SW6010B	7/3/2003 23:31:0	0.026	mg/L	0.0025	Nitric Acid
NA	Zinc, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	0.0027	mg/L	0.0025	
01097	Antimony	Pump	N	SW7041A	7/8/2003 15:44:0	< 0.0034	mg/L	0.0034	Nitric Acid
NA	Antimony, Dissolved	Pump	Y	SW7041A	7/8/2003 15:44:0	< 0.0034	mg/L	0.0034	
71900	Mercury	Pump	N	SW7470A	7/8/2003 11:41:0	< 0.000018	mg/L	0.000018	Nitric Acid
[redacted]	Mercury, dissolved	Pump	Y	SW7470A	7/8/2003 11:41:0	< 0.000018	mg/L	0.000018	
[redacted]	Thallium	Pump	N	SW7841	7/9/2003 15:22:0	< 0.00098	mg/L	0.00098	Nitric Acid
NA	Thallium, dissolved	Pump	Y	SW7841	7/9/2003 15:22:0	< 0.00098	mg/L	0.00098	

Part III: Analytical Results

Facility GMS#: 3116P02787
Test Site ID#:
Well Name: MWB-32I
Classified of Ground Water: G-II
Ground Water Elevation (NGVD):
or (MSL): 116.89
Lab Code: J033736-09

Sampling Date/Time 7/2/2003 08:15:00
Report Period: 2003
Well Purge (Y/N): Y
Well Type: ( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
38760	1,2-Dibromo-3-chloropropane	Pump	N	E504.1	7/4/2003 15:31:0	< 0.0034	ug/L	0.0034	4 degrees C
NA	Ethylene Dibromide	Pump	N	E504.1	7/4/2003 15:31:0	< 0.0069	ug/L	0.0069	4 degrees C
77562	1,1,1,2-Tetrachloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
64506	1,1,1-Trichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34516	1,1,2,2-Tetrachloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.19	ug/L	0.19	Hydrochloric Acid
34511	1,1,2-Trichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34496	1,1-Dichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34501	1,1-Dichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77443	1,2,3-Trichloropropane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.33	ug/L	0.33	Hydrochloric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.55	ug/L	0.55	Hydrochloric Acid
NA	1,2-Dibromoethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34536	1,2-Dichlorobenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.28	ug/L	0.28	Hydrochloric Acid
34531	1,2-Dichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34541	1,2-Dichloropropane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	1,3-Dichloropropene (Total)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.52	ug/L	0.52	Hydrochloric Acid
34571	1,4-Dichlorobenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	2-Hexanone (MBK)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	4-Methyl-2-pentanone (MIBK)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.35	ug/L	0.35	Hydrochloric
81552	Acetone	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.71	ug/L	0.71	Hydrochloric Acid
34215	Acrylonitrile	Pump	N	SW8260B	7/7/2003 12:57:0	< 1.6	ug/L	1.6	Hydrochloric Acid
34030	Benzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.30	ug/L	0.30	Hydrochloric Acid
73085	Bromochloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
32101	Bromodichloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.29	ug/L	0.29	Hydrochloric Acid
32104	Bromoform	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34413	Bromomethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.47	ug/L	0.47	Hydrochloric Acid
77041	Carbon Disulfide	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.41	ug/L	0.41	Hydrochloric Acid
32102	Carbon Tetrachloride	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34301	Chlorobenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.31	ug/L	0.31	Hydrochloric Acid
31311	Chloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.47	ug/L	0.47	Hydrochloric Acid
32106	Chloroform	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.41	ug/L	0.41	Hydrochloric Acid
34418	Chloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.43	ug/L	0.43	Hydrochloric Acid
77093	Cis-1,2-dichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34704	Cis-1,3-dichloropropene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
32105	Dibromochloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
NA	Dibromomethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34371	Ethylbenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	Iodomethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.40	ug/L	0.40	Hydrochloric Acid
NA	Methyl ethyl ketone	Pump	N	SW8260B	7/7/2003 12:57:0	2.4	ug/L	0.25	Hydrochloric Acid
34423	Methylene Chloride	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.21	ug/L	0.21	Hydrochloric Acid
77128	Styrene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34475	Tetrachloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.43	ug/L	0.43	Hydrochloric Acid
78131	Toluene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.29	ug/L	0.29	Hydrochloric Acid
34546	Trans-1,2-dichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.50	ug/L	0.50	Hydrochloric Acid
34699	Trans-1,3-dichloropropene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric
77268	Trans-1,4-dichloro-2-butene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.52	ug/L	0.52	Hydrochloric
39180	Trichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.43	ug/L	0.43	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Site ID#:

Name: MWB-32I

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 116.89

Lab Code: J033736-09

Sampling Date/Time 7/2/2003 08:15:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
34488	Trichlorofluoromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77057	Vinyl Acetate	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.31	ug/L	0.31	Hydrochloric Acid
39175	Vinyl Chloride	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.49	ug/L	0.49	Hydrochloric Acid
81551	Xylenes (Total)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.86	ug/L	0.86	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

Well Name: MWB-32D

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 116.77

Lab Code: J033736-02

Sampling Date/Time 7/2/2003 08:06:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
NA	Color/Sheen	Pump	N	Field	7/2/2003 08:06:0	WhtTan		N/A	Field
NA	Conductivity	Pump	N	Field	7/2/2003 08:06:0	170	µmhos/cm	N/A	Field
NA	Dissolved Oxygen	Pump	N	Field	7/2/2003 08:06:0	1.2	mg/L O2	N/A	Field
00400	pH (Field)	Pump	N	Field	7/2/2003 08:06:0	6.32	pH Units	N/A	Field
NA	Temperature	Pump	N	Field	7/2/2003 08:06:0	21	°C	N/A	Field
NA	Turbidity	Pump	N	Field	7/2/2003 08:06:0	<89	NTU	N/A	Field
70300	Total Dissolved Solids	Pump	N	E160.1	7/8/2003 14:30:0	110	mg/L	10	4 degrees C
00940	Total Chlorides	Pump	N	E325.2	7/8/2003 09:51:0	3.9	mg/L	0.50	4 degrees C
NA	Ammonia (as N)	Pump	N	E350.1	7/8/2003 13:15:0	0.33	mg/L	0.020	Sulfuric Acid
00620	Nitrate (as N)	Pump	N	SM4500NO3-F	7/3/2003 10:55:0	< 0.13	mg/L	0.13	4 degrees C
01002	Arsenic	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.0016	mg/L	0.0016	Nitric Acid
NA	Arsenic, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	< 0.0016	mg/L	0.0016	
01007	Barium	Pump	N	SW6010B	7/3/2003 23:31:0	0.081	mg/L	0.00076	Nitric Acid
NA	Barium, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	0.051	mg/L	0.00076	
01012	Beryllium	Pump	N	SW6010B	7/3/2003 23:31:0	0.00034	mg/L	0.000059	Nitric Acid
NA	Beryllium, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	< 0.000059	mg/L	0.000059	
01027	Cadmium	Pump	N	SW6010B	7/3/2003 23:31:0	0.00037	mg/L	0.00036	Nitric Acid
NA	Cadmium, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	< 0.00036	mg/L	0.00036	
01034	Chromium	Pump	N	SW6010B	7/3/2003 23:31:0	0.0046	mg/L	0.0010	Nitric Acid
NA	Chromium, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	0.0012	mg/L	0.0010	
01037	Cobalt	Pump	N	SW6010B	7/3/2003 23:31:0	0.00079	mg/L	0.00025	Nitric Acid
NA	Cobalt, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	0.00061	mg/L	0.00025	
01042	Copper	Pump	N	SW6010B	7/3/2003 23:31:0	0.0033	mg/L	0.0011	Nitric Acid
NA	Copper, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	0.0015	mg/L	0.0011	
01045	Iron	Pump	N	SW6010B	7/3/2003 23:31:0	1.9	mg/L	0.019	Nitric Acid
NA	Iron, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	<0.87	mg/L	0.019	
01051	Lead	Pump	N	SW6010B	7/3/2003 23:31:0	0.0025	mg/L	0.00091	Nitric Acid
NA	Lead, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	< 0.00091	mg/L	0.00091	
01067	Nickel	Pump	N	SW6010B	7/3/2003 23:31:0	0.0029	mg/L	0.00085	Nitric Acid
NA	Nickel, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	< 0.00085	mg/L	0.00085	
01147	Selenium	Pump	N	SW6010B	7/3/2003 23:31:0	0.0034	mg/L	0.0022	Nitric Acid
NA	Selenium, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	0.0027	mg/L	0.0022	
01077	Silver	Pump	N	SW6010B	7/3/2003 23:31:0	0.00029	mg/L	0.00017	Nitric Acid
NA	Silver, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	0.00027	mg/L	0.00017	
00929	Sodium	Pump	N	SW6010B	7/3/2003 23:31:0	4.9	mg/L	0.049	Nitric Acid
NA	Sodium, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	4.6	mg/L	0.049	
01087	Vanadium	Pump	N	SW6010B	7/3/2003 23:31:0	0.0041	mg/L	0.00016	Nitric Acid
NA	Vanadium, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	0.00090	mg/L	0.00016	
01092	Zinc	Pump	N	SW6010B	7/3/2003 23:31:0	0.011	mg/L	0.0025	Nitric Acid
NA	Zinc, dissolved	Pump	Y	SW6010B	7/3/2003 23:31:0	0.0038	mg/L	0.0025	
01097	Antimony	Pump	N	SW7041A	7/8/2003 15:44:0	< 0.0034	mg/L	0.0034	Nitric Acid
NA	Antimony, Dissolved	Pump	Y	SW7041A	7/8/2003 15:44:0	< 0.0034	mg/L	0.0034	
71900	Mercury	Pump	N	SW7470A	7/8/2003 11:41:0	< 0.000018	mg/L	0.000018	Nitric Acid
NA	Mercury, dissolved	Pump	Y	SW7470A	7/8/2003 11:41:0	< 0.000018	mg/L	0.000018	
01087	Thallium	Pump	N	SW7841	7/9/2003 15:22:0	< 0.00098	mg/L	0.00098	Nitric Acid
NA	Thallium, dissolved	Pump	Y	SW7841	7/9/2003 15:22:0	< 0.00098	mg/L	0.00098	

Part III: Analytical Results

Facility GMS#: 3116P02787

Site ID#: [redacted]

Name: MWB-32D

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 116.77

Lab Code: J033736-02

Sampling Date/Time 7/2/2003 08:06:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
38760	1,2-Dibromo-3-chloropropane	Pump	N	E504.1	7/4/2003 15:31:0	< 0.0034	ug/L	0.0034	4 degrees C
NA	Ethylene Dibromide	Pump	N	E504.1	7/4/2003 15:31:0	< 0.0069	ug/L	0.0069	4 degrees C
77562	1,1,1,2-Tetrachloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
64506	1,1,1-Trichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34516	1,1,2,2-Tetrachloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.19	ug/L	0.19	Hydrochloric Acid
34511	1,1,2-Trichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34496	1,1-Dichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34501	1,1-Dichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77443	1,2,3-Trichloropropane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.33	ug/L	0.33	Hydrochloric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.55	ug/L	0.55	Hydrochloric Acid
NA	1,2-Dibromoethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34536	1,2-Dichlorobenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.28	ug/L	0.28	Hydrochloric Acid
34531	1,2-Dichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34541	1,2-Dichloropropane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	1,3-Dichloropropene (Total)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.52	ug/L	0.52	Hydrochloric Acid
34571	1,4-Dichlorobenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	2-Hexanone (MBK)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
[redacted]	4-Methyl-2-pentanone (MIBK)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.35	ug/L	0.35	Hydrochloric Acid
[redacted]	Acetone	Pump	N	SW8260B	7/7/2003 12:57:0	2.5	ug/L	0.71	Hydrochloric Acid
34215	Acrylonitrile	Pump	N	SW8260B	7/7/2003 12:57:0	< 1.6	ug/L	1.6	Hydrochloric Acid
34030	Benzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.30	ug/L	0.30	Hydrochloric Acid
73085	Bromochloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
32101	Bromodichloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.29	ug/L	0.29	Hydrochloric Acid
32104	Bromoform	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34413	Bromomethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.47	ug/L	0.47	Hydrochloric Acid
77041	Carbon Disulfide	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.41	ug/L	0.41	Hydrochloric Acid
32102	Carbon Tetrachloride	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34301	Chlorobenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.31	ug/L	0.31	Hydrochloric Acid
31311	Chloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.47	ug/L	0.47	Hydrochloric Acid
32106	Chloroform	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.41	ug/L	0.41	Hydrochloric Acid
34418	Chloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	0.46	ug/L	0.43	Hydrochloric Acid
77093	Cis-1,2-dichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34704	Cis-1,3-dichloropropene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
32105	Dibromochloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
NA	Dibromomethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34371	Ethylbenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	Iodomethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.40	ug/L	0.40	Hydrochloric Acid
NA	Methyl ethyl ketone	Pump	N	SW8260B	7/7/2003 12:57:0	3.0	ug/L	0.25	Hydrochloric Acid
34423	Methylene Chloride	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.21	ug/L	0.21	Hydrochloric Acid
77128	Styrene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34475	Tetrachloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.43	ug/L	0.43	Hydrochloric Acid
78131	Toluene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.29	ug/L	0.29	Hydrochloric Acid
34546	Trans-1,2-dichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.50	ug/L	0.50	Hydrochloric Acid
[redacted]	Trans-1,3-dichloropropene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
[redacted]	Trans-1,4-dichloro-2-butene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.52	ug/L	0.52	Hydrochloric Acid
39180	Trichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.43	ug/L	0.43	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

Well Name: MWB-32D

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 116.77

Lab Code: J033736-02

Sampling Date/Time 7/2/2003 08:06:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
34488	Trichlorofluoromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77057	Vinyl Acetate	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.31	ug/L	0.31	Hydrochloric Acid
39175	Vinyl Chloride	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.49	ug/L	0.49	Hydrochloric Acid
81551	Xylenes (Total)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.86	ug/L	0.86	Hydrochloric Acid

TRAIL RIDGE LANDFILL
GROUNDWATER MONITORING DATA

DUPLICATE WELLS

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

[redacted]lame: DUP-1

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL):

Lab Code: J033705-18

Sampling Date/Time 7/1/2003

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
70300	Total Dissolved Solids	Pump	N	E160.1	7/8/2003 07:30:0	50	mg/L	10	4 degrees C
00940	Total Chlorides	Pump	N	E325.2	7/1/703 10:50:00	3.3	mg/L	0.50	4 degrees C
NA	Ammonia (as N)	Pump	N	E350.1	7/8/2003 13:15:0	0.12	mg/L	0.020	Sulfuric Acid
00620	Nitrate (as N)	Pump	N	SM4500NO3-F	7/2/2003 09:47:0	< 0.13	mg/L	0.13	4 degrees C
01002	Arsenic	Pump	N	SW6010B	7/3/2003 00:08:0	< 0.0016	mg/L	0.0016	Nitric Acid
01007	Barium	Pump	N	SW6010B	7/3/2003 00:08:0	0.056	mg/L	0.00076	Nitric Acid
01012	Beryllium	Pump	N	SW6010B	7/3/2003 00:08:0	0.00011	mg/L	0.000059	Nitric Acid
01027	Cadmium	Pump	N	SW6010B	7/3/2003 00:08:0	< 0.00036	mg/L	0.00036	Nitric Acid
01034	Chromium	Pump	N	SW6010B	7/3/2003 00:08:0	< 0.0010	mg/L	0.0010	Nitric Acid
01037	Cobalt	Pump	N	SW6010B	7/3/2003 00:08:0	< 0.00025	mg/L	0.00025	Nitric Acid
01042	Copper	Pump	N	SW6010B	7/3/2003 00:08:0	< 0.0011	mg/L	0.0011	Nitric Acid
01045	Iron	Pump	N	SW6010B	7/3/2003 00:08:0	0.38	mg/L	0.019	Nitric Acid
01051	Lead	Pump	N	SW6010B	7/3/2003 00:08:0	< 0.00091	mg/L	0.00091	Nitric Acid
01067	Nickel	Pump	N	SW6010B	7/3/2003 00:08:0	< 0.00085	mg/L	0.00085	Nitric Acid
01147	Selenium	Pump	N	SW6010B	7/3/2003 00:08:0	0.0069	mg/L	0.0022	Nitric Acid
01077	Silver	Pump	N	SW6010B	7/3/2003 00:08:0	< 0.00017	mg/L	0.00017	Nitric Acid
00929	Sodium	Pump	N	SW6010B	7/3/2003 00:08:0	2.8	mg/L	0.049	Nitric Acid
[redacted]	Vanadium	Pump	N	SW6010B	7/3/2003 00:08:0	0.00092	mg/L	0.00016	Nitric Acid
[redacted]	Zinc	Pump	N	SW6010B	7/3/2003 00:08:0	0.0032	mg/L	0.0025	Nitric Acid
01097	Antimony	Pump	N	SW7041A	7/8/2003 12:35:0	< 0.0034	mg/L	0.0034	Nitric Acid
71900	Mercury	Pump	N	SW7470A	7/8/2003 11:41:0	< 0.000018	mg/L	0.000018	Nitric Acid
01087	Thallium	Pump	N	SW7841	7/2/2003 17:46:0	< 0.00098	mg/L	0.00098	Nitric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	E504.1	7/11/2003 19:13:	< 0.0034	ug/L	0.0034	4 degrees C
NA	Ethylene Dibromide	Pump	N	E504.1	7/11/2003 19:13:	< 0.0069	ug/L	0.0069	4 degrees C
77562	1,1,1,2-Tetrachloroethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.27	ug/L	0.27	Hydrochloric Acid
64506	1,1,1-Trichloroethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34516	1,1,2,2-Tetrachloroethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.19	ug/L	0.19	Hydrochloric Acid
34511	1,1,2-Trichloroethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34496	1,1-Dichloroethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34501	1,1-Dichloroethene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77443	1,2,3-Trichloropropane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.33	ug/L	0.33	Hydrochloric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.55	ug/L	0.55	Hydrochloric Acid
NA	1,2-Dibromoethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34536	1,2-Dichlorobenzene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.28	ug/L	0.28	Hydrochloric Acid
34531	1,2-Dichloroethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34541	1,2-Dichloropropane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	1,3-Dichloropropene (Total)	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.52	ug/L	0.52	Hydrochloric Acid
34571	1,4-Dichlorobenzene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	2-Hexanone (MBK)	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	4-Methyl-2-pentanone (MIBK)	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.35	ug/L	0.35	Hydrochloric Acid
81552	Acetone	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.71	ug/L	0.71	Hydrochloric Acid
34215	Acrylonitrile	Pump	N	SW8260B	7/2/2003 19:20:0	< 1.6	ug/L	1.6	Hydrochloric Acid
34030	Benzene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.30	ug/L	0.30	Hydrochloric Acid
73085	Bromochloromethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.39	ug/L	0.39	Hydrochloric Acid
[redacted]	Bromodichloromethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.29	ug/L	0.29	Hydrochloric Acid
[redacted]	Bromoform	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.25	ug/L	0.25	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

Well Name: DUP-1

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL):

Lab Code: J033705-18

Sampling Date/Time 7/1/2003

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
34413	Bromomethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.47	ug/L	0.47	Hydrochloric Acid
77041	Carbon Disulfide	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.41	ug/L	0.41	Hydrochloric Acid
32102	Carbon Tetrachloride	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34301	Chlorobenzene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.31	ug/L	0.31	Hydrochloric Acid
31311	Chloroethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.47	ug/L	0.47	Hydrochloric Acid
32106	Chloroform	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.41	ug/L	0.41	Hydrochloric Acid
34418	Chloromethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.43	ug/L	0.43	Hydrochloric Acid
77093	Cis-1,2-dichloroethene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34704	Cis-1,3-dichloropropene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.27	ug/L	0.27	Hydrochloric Acid
32105	Dibromochloromethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.25	ug/L	0.25	Hydrochloric Acid
NA	Dibromomethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34371	Ethylbenzene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	Iodomethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.40	ug/L	0.40	Hydrochloric Acid
NA	Methyl ethyl ketone	Pump	N	SW8260B	7/2/2003 19:20:0	2.5	ug/L	0.25	Hydrochloric Acid
34423	Methylene Chloride	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.21	ug/L	0.21	Hydrochloric Acid
77128	Styrene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34475	Tetrachloroethene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.43	ug/L	0.43	Hydrochloric Acid
78131	Toluene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.29	ug/L	0.29	Hydrochloric
34546	Trans-1,2-dichloroethene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.50	ug/L	0.50	Hydrochloric Acid
34699	Trans-1,3-dichloropropene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.25	ug/L	0.25	Hydrochloric Acid
77268	Trans-1,4-dichloro-2-butene	Pump	N	SW8260B	7/2/2003 19:20:0	1.3	ug/L	0.52	Hydrochloric Acid
39180	Trichloroethene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.43	ug/L	0.43	Hydrochloric Acid
34488	Trichlorofluoromethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77057	Vinyl Acetate	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.31	ug/L	0.31	Hydrochloric Acid
39175	Vinyl Chloride	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.49	ug/L	0.49	Hydrochloric Acid
81551	Xylenes (Total)	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.86	ug/L	0.86	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

[redacted] Name: DUP-2

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL):

Lab Code: J033705-19

Sampling Date/Time 7/1/2003

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
70300	Total Dissolved Solids	Pump	N	E160.1	7/8/2003 07:30:0	36	mg/L	10	4 degrees C
00940	Total Chlorides	Pump	N	E325.2	7/1/703 10:50:00	1.9	mg/L	0.50	4 degrees C
NA	Ammonia (as N)	Pump	N	E350.1	7/8/2003 13:15:0	0.12	mg/L	0.020	Sulfuric Acid
00620	Nitrate (as N)	Pump	N	SM4500NO3-F	7/2/2003 09:47:0	< 0.13	mg/L	0.13	4 degrees C
01002	Arsenic	Pump	N	SW6010B	7/3/2003 00:08:0	< 0.0016	mg/L	0.0016	Nitric Acid
01007	Barium	Pump	N	SW6010B	7/3/2003 00:08:0	0.021	mg/L	0.00076	Nitric Acid
01012	Beryllium	Pump	N	SW6010B	7/3/2003 00:08:0	0.000065	mg/L	0.000059	Nitric Acid
01027	Cadmium	Pump	N	SW6010B	7/3/2003 00:08:0	< 0.00036	mg/L	0.00036	Nitric Acid
01034	Chromium	Pump	N	SW6010B	7/3/2003 00:08:0	< 0.0010	mg/L	0.0010	Nitric Acid
01037	Cobalt	Pump	N	SW6010B	7/3/2003 00:08:0	< 0.00025	mg/L	0.00025	Nitric Acid
01042	Copper	Pump	N	SW6010B	7/3/2003 00:08:0	< 0.0011	mg/L	0.0011	Nitric Acid
01045	Iron	Pump	N	SW6010B	7/3/2003 00:08:0	0.61	mg/L	0.019	Nitric Acid
01051	Lead	Pump	N	SW6010B	7/3/2003 00:08:0	< 0.00091	mg/L	0.00091	Nitric Acid
01067	Nickel	Pump	N	SW6010B	7/3/2003 00:08:0	< 0.00085	mg/L	0.00085	Nitric Acid
01147	Selenium	Pump	N	SW6010B	7/3/2003 00:08:0	0.0064	mg/L	0.0022	Nitric Acid
01077	Silver	Pump	N	SW6010B	7/3/2003 00:08:0	< 0.00017	mg/L	0.00017	Nitric Acid
00929	Sodium	Pump	N	SW6010B	7/3/2003 00:08:0	3.0	mg/L	0.049	Nitric Acid
[redacted]	Vanadium	Pump	N	SW6010B	7/3/2003 00:08:0	0.00064	mg/L	0.00016	Nitric Acid
[redacted]	Zinc	Pump	N	SW6010B	7/3/2003 00:08:0	0.0029	mg/L	0.0025	Nitric Acid
01097	Antimony	Pump	N	SW7041A	7/8/2003 12:35:0	< 0.0034	mg/L	0.0034	Nitric Acid
71900	Mercury	Pump	N	SW7470A	7/8/2003 11:41:0	< 0.000018	mg/L	0.000018	Nitric Acid
01087	Thallium	Pump	N	SW7841	7/2/2003 17:46:0	< 0.00098	mg/L	0.00098	Nitric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	E504.1	7/11/2003 19:13:	< 0.0034	ug/L	0.0034	4 degrees C
NA	Ethylene Dibromide	Pump	N	E504.1	7/11/2003 19:13:	< 0.0069	ug/L	0.0069	4 degrees C
77562	1,1,1,2-Tetrachloroethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.27	ug/L	0.27	Hydrochloric Acid
64506	1,1,1-Trichloroethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34516	1,1,2,2-Tetrachloroethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.19	ug/L	0.19	Hydrochloric Acid
34511	1,1,2-Trichloroethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34496	1,1-Dichloroethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34501	1,1-Dichloroethene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77443	1,2,3-Trichloropropane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.33	ug/L	0.33	Hydrochloric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.55	ug/L	0.55	Hydrochloric Acid
NA	1,2-Dibromoethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34536	1,2-Dichlorobenzene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.28	ug/L	0.28	Hydrochloric Acid
34531	1,2-Dichloroethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34541	1,2-Dichloropropane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	1,3-Dichloropropene (Total)	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.52	ug/L	0.52	Hydrochloric Acid
34571	1,4-Dichlorobenzene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	2-Hexanone (MBK)	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	4-Methyl-2-pentanone (MIBK)	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.35	ug/L	0.35	Hydrochloric Acid
81552	Acetone	Pump	N	SW8260B	7/2/2003 19:20:0	1.6	ug/L	0.71	Hydrochloric Acid
34215	Acrylonitrile	Pump	N	SW8260B	7/2/2003 19:20:0	< 1.6	ug/L	1.6	Hydrochloric Acid
34030	Benzene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.30	ug/L	0.30	Hydrochloric Acid
[redacted]	Bromochloromethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.39	ug/L	0.39	Hydrochloric Acid
[redacted]	Bromodichloromethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.29	ug/L	0.29	Hydrochloric Acid
32104	Bromoform	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.25	ug/L	0.25	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

Well Name: DUP-2

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL):

Lab Code: J033705-19

Sampling Date/Time 7/1/2003

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
34413	Bromomethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.47	ug/L	0.47	Hydrochloric Acid
77041	Carbon Disulfide	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.41	ug/L	0.41	Hydrochloric Acid
32102	Carbon Tetrachloride	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34301	Chlorobenzene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.31	ug/L	0.31	Hydrochloric Acid
31311	Chloroethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.47	ug/L	0.47	Hydrochloric Acid
32106	Chloroform	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.41	ug/L	0.41	Hydrochloric Acid
34418	Chloromethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.43	ug/L	0.43	Hydrochloric Acid
77093	Cis-1,2-dichloroethene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34704	Cis-1,3-dichloropropene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.27	ug/L	0.27	Hydrochloric Acid
32105	Dibromochloromethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.25	ug/L	0.25	Hydrochloric Acid
NA	Dibromomethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34371	Ethylbenzene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	Iodomethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.40	ug/L	0.40	Hydrochloric Acid
NA	Methyl ethyl ketone	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34423	Methylene Chloride	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.21	ug/L	0.21	Hydrochloric Acid
77128	Styrene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34475	Tetrachloroethene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.43	ug/L	0.43	Hydrochloric Acid
78131	Toluene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.29	ug/L	0.29	Hydrochloric Acid
34546	Trans-1,2-dichloroethene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.50	ug/L	0.50	Hydrochloric Acid
34699	Trans-1,3-dichloropropene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.25	ug/L	0.25	Hydrochloric Acid
77268	Trans-1,4-dichloro-2-butene	Pump	N	SW8260B	7/2/2003 19:20:0	1.3	ug/L	0.52	Hydrochloric Acid
39180	Trichloroethene	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.43	ug/L	0.43	Hydrochloric Acid
34488	Trichlorofluoromethane	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77057	Vinyl Acetate	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.31	ug/L	0.31	Hydrochloric Acid
39175	Vinyl Chloride	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.49	ug/L	0.49	Hydrochloric Acid
81551	Xylenes (Total)	Pump	N	SW8260B	7/2/2003 19:20:0	< 0.86	ug/L	0.86	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

Name: DUP-3

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): N/A

Lab Code: J033736-03

Sampling Date/Time 7/2/2003

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
70300	Total Dissolved Solids	Pump	N	E160.1	7/8/2003 14:30:0	110	mg/L	10	4 degrees C
00940	Total Chlorides	Pump	N	E325.2	7/8/2003 09:51:0	3.8	mg/L	0.50	4 degrees C
NA	Ammonia (as N)	Pump	N	E350.1	7/8/2003 13:15:0	0.24	mg/L	0.020	Sulfuric Acid
00620	Nitrate (as N)	Pump	N	SM4500NO3-F	7/3/2003 10:55:0	< 0.13	mg/L	0.13	4 degrees C
01002	Arsenic	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.0016	mg/L	0.0016	Nitric Acid
01007	Barium	Pump	N	SW6010B	7/3/2003 23:31:0	0.082	mg/L	0.00076	Nitric Acid
01012	Beryllium	Pump	N	SW6010B	7/3/2003 23:31:0	0.00036	mg/L	0.000059	Nitric Acid
01027	Cadmium	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.00036	mg/L	0.00036	Nitric Acid
01034	Chromium	Pump	N	SW6010B	7/3/2003 23:31:0	0.0047	mg/L	0.0010	Nitric Acid
01037	Cobalt	Pump	N	SW6010B	7/3/2003 23:31:0	0.0010	mg/L	0.00025	Nitric Acid
01042	Copper	Pump	N	SW6010B	7/3/2003 23:31:0	0.0029	mg/L	0.0011	Nitric Acid
01045	Iron	Pump	N	SW6010B	7/3/2003 23:31:0	1.9	mg/L	0.019	Nitric Acid
01051	Lead	Pump	N	SW6010B	7/3/2003 23:31:0	0.0015	mg/L	0.00091	Nitric Acid
01067	Nickel	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.00085	mg/L	0.00085	Nitric Acid
01147	Selenium	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.0022	mg/L	0.0022	Nitric Acid
01077	Silver	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.00017	mg/L	0.00017	Nitric Acid
00929	Sodium	Pump	N	SW6010B	7/3/2003 23:31:0	4.9	mg/L	0.049	Nitric Acid
[redacted]	Vanadium	Pump	N	SW6010B	7/3/2003 23:31:0	0.0044	mg/L	0.00016	Nitric Acid
[redacted]	Zinc	Pump	N	SW6010B	7/3/2003 23:31:0	0.0043	mg/L	0.0025	Nitric Acid
01097	Antimony	Pump	N	SW7041A	7/8/2003 15:44:0	< 0.0034	mg/L	0.0034	Nitric Acid
71900	Mercury	Pump	N	SW7470A	7/8/2003 11:41:0	< 0.000018	mg/L	0.000018	Nitric Acid
01087	Thallium	Pump	N	SW7841	7/9/2003 15:22:0	0.0012	mg/L	0.00098	Nitric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	E504.1	7/4/2003 15:31:0	< 0.0034	ug/L	0.0034	4 degrees C
NA	Ethylene Dibromide	Pump	N	E504.1	7/4/2003 15:31:0	< 0.0069	ug/L	0.0069	4 degrees C
77562	1,1,1,2-Tetrachloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
64506	1,1,1-Trichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34516	1,1,2,2-Tetrachloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.19	ug/L	0.19	Hydrochloric Acid
34511	1,1,2-Trichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34496	1,1-Dichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34501	1,1-Dichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77443	1,2,3-Trichloropropane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.33	ug/L	0.33	Hydrochloric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.55	ug/L	0.55	Hydrochloric Acid
NA	1,2-Dibromoethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34536	1,2-Dichlorobenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.28	ug/L	0.28	Hydrochloric Acid
34531	1,2-Dichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34541	1,2-Dichloropropane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	1,3-Dichloropropene (Total)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.52	ug/L	0.52	Hydrochloric Acid
34571	1,4-Dichlorobenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	2-Hexanone (MBK)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	4-Methyl-2-pentanone (MIBK)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.35	ug/L	0.35	Hydrochloric Acid
81552	Acetone	Pump	N	SW8260B	7/7/2003 12:57:0	2.4	ug/L	0.71	Hydrochloric Acid
34215	Acrylonitrile	Pump	N	SW8260B	7/7/2003 12:57:0	< 1.6	ug/L	1.6	Hydrochloric Acid
34030	Benzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.30	ug/L	0.30	Hydrochloric Acid
73085	Bromochloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
[redacted]	Bromodichloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.29	ug/L	0.29	Hydrochloric Acid
32104	Bromoform	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

Well Name: DUP-3

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): N/A

Lab Code: J033736-03

Sampling Date/Time 7/2/2003

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
34413	Bromomethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.47	ug/L	0.47	Hydrochloric Acid
77041	Carbon Disulfide	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.41	ug/L	0.41	Hydrochloric Acid
32102	Carbon Tetrachloride	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34301	Chlorobenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.31	ug/L	0.31	Hydrochloric Acid
31311	Chloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.47	ug/L	0.47	Hydrochloric Acid
32106	Chloroform	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.41	ug/L	0.41	Hydrochloric Acid
34418	Chloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	0.72	ug/L	0.43	Hydrochloric Acid
77093	Cis-1,2-dichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34704	Cis-1,3-dichloropropene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
32105	Dibromochloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
NA	Dibromomethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34371	Ethylbenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	Iodomethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.40	ug/L	0.40	Hydrochloric Acid
NA	Methyl ethyl ketone	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34423	Methylene Chloride	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.21	ug/L	0.21	Hydrochloric Acid
77128	Styrene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34475	Tetrachloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.43	ug/L	0.43	Hydrochloric Acid
78131	Toluene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.29	ug/L	0.29	Hydrochloric
34546	Trans-1,2-dichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.50	ug/L	0.50	Hydrochloric Acid
34699	Trans-1,3-dichloropropene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
77268	Trans-1,4-dichloro-2-butene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.52	ug/L	0.52	Hydrochloric Acid
39180	Trichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.43	ug/L	0.43	Hydrochloric Acid
34488	Trichlorofluoromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77057	Vinyl Acetate	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.31	ug/L	0.31	Hydrochloric Acid
39175	Vinyl Chloride	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.49	ug/L	0.49	Hydrochloric Acid
81551	Xylenes (Total)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.86	ug/L	0.86	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

[redacted] Name: DUP-4

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): N/A

Lab Code: J033736-08

Sampling Date/Time 7/2/2003

Report Period: 2003

Well Purge (Y/N): Y

Well Type: ( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
70300	Total Dissolved Solids	Pump	N	E160.1	7/8/2003 14:30:0	100	mg/L	10	4 degrees C
00940	Total Chlorides	Pump	N	E325.2	7/8/2003 09:51:0	21	mg/L	0.50	4 degrees C
NA	Ammonia (as N)	Pump	N	E350.1	7/8/2003 13:15:0	0.13	mg/L	0.020	Sulfuric Acid
00620	Nitrate (as N)	Pump	N	SM4500NO3-F	7/3/2003 10:55:0	< 0.13	mg/L	0.13	4 degrees C
01002	Arsenic	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.0016	mg/L	0.0016	Nitric Acid
01007	Barium	Pump	N	SW6010B	7/3/2003 23:31:0	0.077	mg/L	0.00076	Nitric Acid
01012	Beryllium	Pump	N	SW6010B	7/3/2003 23:31:0	0.00017	mg/L	0.000059	Nitric Acid
01027	Cadmium	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.00036	mg/L	0.00036	Nitric Acid
01034	Chromium	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.0010	mg/L	0.0010	Nitric Acid
01037	Cobalt	Pump	N	SW6010B	7/3/2003 23:31:0	0.0010	mg/L	0.00025	Nitric Acid
01042	Copper	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.0011	mg/L	0.0011	Nitric Acid
01045	Iron	Pump	N	SW6010B	7/3/2003 23:31:0	1.3	mg/L	0.019	Nitric Acid
01051	Lead	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.00091	mg/L	0.00091	Nitric Acid
01067	Nickel	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.00085	mg/L	0.00085	Nitric Acid
01147	Selenium	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.0022	mg/L	0.0022	Nitric Acid
01077	Silver	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.00017	mg/L	0.00017	Nitric Acid
00929	Sodium	Pump	N	SW6010B	7/3/2003 23:31:0	8.5	mg/L	0.049	Nitric Acid
[redacted]	Vanadium	Pump	N	SW6010B	7/3/2003 23:31:0	0.0021	mg/L	0.00016	Nitric Acid
[redacted]	Zinc	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.0025	mg/L	0.0025	Nitric Acid
01097	Antimony	Pump	N	SW7041A	7/8/2003 15:44:0	< 0.0034	mg/L	0.0034	Nitric Acid
71900	Mercury	Pump	N	SW7470A	7/8/2003 11:41:0	< 0.000018	mg/L	0.000018	Nitric Acid
01087	Thallium	Pump	N	SW7841	7/9/2003 15:22:0	< 0.00098	mg/L	0.00098	Nitric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	E504.1	7/4/2003 15:31:0	< 0.0034	ug/L	0.0034	4 degrees C
NA	Ethylene Dibromide	Pump	N	E504.1	7/4/2003 15:31:0	< 0.0069	ug/L	0.0069	4 degrees C
77562	1,1,1,2-Tetrachloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
64506	1,1,1-Trichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34516	1,1,2,2-Tetrachloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.19	ug/L	0.19	Hydrochloric Acid
34511	1,1,2-Trichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34496	1,1-Dichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34501	1,1-Dichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77443	1,2,3-Trichloropropane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.33	ug/L	0.33	Hydrochloric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.55	ug/L	0.55	Hydrochloric Acid
NA	1,2-Dibromoethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34536	1,2-Dichlorobenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.28	ug/L	0.28	Hydrochloric Acid
34531	1,2-Dichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34541	1,2-Dichloropropane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	1,3-Dichloropropene (Total)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.52	ug/L	0.52	Hydrochloric Acid
34571	1,4-Dichlorobenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	2-Hexanone (MBK)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	4-Methyl-2-pentanone (MIBK)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.35	ug/L	0.35	Hydrochloric Acid
81552	Acetone	Pump	N	SW8260B	7/7/2003 12:57:0	2.5	ug/L	0.71	Hydrochloric Acid
34215	Acrylonitrile	Pump	N	SW8260B	7/7/2003 12:57:0	< 1.6	ug/L	1.6	Hydrochloric Acid
34030	Benzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.30	ug/L	0.30	Hydrochloric Acid
73085	Bromochloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
[redacted]	Bromodichloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.29	ug/L	0.29	Hydrochloric Acid
32104	Bromoform	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

Well Name: DUP-4

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): N/A

Lab Code: J033736-08

Sampling Date/Time 7/2/2003

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
34413	Bromomethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.47	ug/L	0.47	Hydrochloric Acid
77041	Carbon Disulfide	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.41	ug/L	0.41	Hydrochloric Acid
32102	Carbon Tetrachloride	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34301	Chlorobenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.31	ug/L	0.31	Hydrochloric Acid
31311	Chloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.47	ug/L	0.47	Hydrochloric Acid
32106	Chloroform	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.41	ug/L	0.41	Hydrochloric Acid
34418	Chloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	0.60	ug/L	0.43	Hydrochloric Acid
77093	Cis-1,2-dichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34704	Cis-1,3-dichloropropene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
32105	Dibromochloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
NA	Dibromomethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34371	Ethylbenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	Iodomethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.40	ug/L	0.40	Hydrochloric Acid
NA	Methyl ethyl ketone	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34423	Methylene Chloride	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.21	ug/L	0.21	Hydrochloric Acid
77128	Styrene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34475	Tetrachloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.43	ug/L	0.43	Hydrochloric Acid
78131	Toluene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.29	ug/L	0.29	Hydrochloric Acid
34546	Trans-1,2-dichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.50	ug/L	0.50	Hydrochloric Acid
34699	Trans-1,3-dichloropropene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
77268	Trans-1,4-dichloro-2-butene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.52	ug/L	0.52	Hydrochloric Acid
39180	Trichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.43	ug/L	0.43	Hydrochloric Acid
34488	Trichlorofluoromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77057	Vinyl Acetate	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.31	ug/L	0.31	Hydrochloric Acid
39175	Vinyl Chloride	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.49	ug/L	0.49	Hydrochloric Acid
81551	Xylenes (Total)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.86	ug/L	0.86	Hydrochloric Acid

TRAIL RIDGE LANDFILL
SURFACE WATER MONITORING DATA

Part III: Analytical Results

Facility GMS#: 3116P02787

T[redacted] Site ID#:

[redacted] Name: SW-1

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): N/A

Lab Code: J033714-02

Sampling Date/Time 7/2/2003 06:50:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type: ( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
NA	Total Nitrogen	Grab	N	calculation	7/9/2003 15:57:0	2.9	mg/L	0.050	Sulfuric Acid
NA	Total Kjeldahl Nitrogen (as N)	Grab	N	E351.2	7/9/2003 15:57:0	2.9	mg/L	0.050	Sulfuric Acid
NA	Total Phosphorus (as P)	Grab	N	E365.4	7/10/2003 10:14:	0.45	mg/L	0.050	Sulfuric Acid
NA	Color/Sheen	Grab	N	Field	7/2/2003 06:50:0	Brn		N/A	Field
NA	Conductivity	Grab	N	Field	7/2/2003 06:50:0	140	µmhos/cm	N/A	Field
NA	Dissolved Oxygen	Grab	N	Field	7/2/2003 06:50:0	1.5	mg/L O2	N/A	Field
00400	pH (Field)	Grab	N	Field	7/2/2003 06:50:0	5.57	pH Units	N/A	Field
NA	Temperature	Grab	N	Field	7/2/2003 06:50:0	24	°C	N/A	Field
NA	Turbidity	Grab	N	Field	7/2/2003 06:50:0	8.7	NTU	N/A	Field
NA	Total Nitrogen	Grab	N	calculation	7/9/2003 15:57:0	2.9	mg/L	0.050	Sulfuric Acid
70300	Total Dissolved Solids	Grab	N	E160.1	7/3/2003 08:55:0	70	mg/L	10	4 degrees C
NA	Total Suspended Solids (TSS)	Grab	N	E160.2	7/7/2003 16:00:0	5.8	mg/L	4.0	4 degrees C
NA	Unionized Ammonia (as N)	Grab	N	E350.1	7/14/2003 12:00:	0.000050	mg/L	0.0000046	Sulfuric Acid
NA	Total Kjeldahl Nitrogen (as N)	Grab	N	E351.2	7/9/2003 15:57:0	2.9	mg/L	0.050	Sulfuric Acid
NA	Total Phosphorus (as P)	Grab	N	E365.4	7/10/2003 10:14:	0.45	mg/L	0.050	Sulfuric Acid
NA	Chemical Oxygen Demand (COD)	Grab	N	E410.1	7/16/2003 11:40:	< 50	mg/L	50	Sulfuric Acid
00680	Total Organic Carbon	Grab	N	E415.1	7/7/2003 10:30:0	17	mg/L	1.0	Sulfuric Acid
[redacted]	Chlorophyll A	Grab	N	SM10200H	7/16/2003 17:00:	46	mg/m3	1.0	4 degrees C
[redacted]	Chlorophyll A	Grab	N	SM10200H	7/16/2003 17:00:	46	mg/m3	1.0	4 degrees C
00620	Nitrate (as N)	Grab	N	SM4500NO3-F	7/2/2003 14:56:0	< 0.13	mg/L	0.13	4 degrees C
NA	Nitrate + Nitrite (as N)	Grab	N	SM4500NO3-F	7/3/2003 13:04:0	< 0.050	mg/L	0.050	Sulfuric Acid
NA	BOD (5-day)	Grab	N	SM5210B	7/3/2003 15:20:0	< 2.0	mg/L O2	2.0	4 degrees C
NA	Total Hardness (as CaCO3)	Grab	N	SM2340B	7/3/2003 18:38:0	7.8	mg/L	0.11	Nitric Acid
01002	Arsenic	Grab	N	SW6010B	7/3/2003 18:38:0	< 0.0016	mg/L	0.0016	Nitric Acid
01007	Barium	Grab	N	SW6010B	7/3/2003 18:38:0	0.090	mg/L	0.00076	Nitric Acid
01012	Beryllium	Grab	N	SW6010B	7/3/2003 18:38:0	0.00036	mg/L	0.000059	Nitric Acid
01027	Cadmium	Grab	N	SW6010B	7/3/2003 18:38:0	< 0.00036	mg/L	0.00036	Nitric Acid
01034	Chromium	Grab	N	SW6010B	7/3/2003 18:38:0	< 0.0010	mg/L	0.0010	Nitric Acid
01037	Cobalt	Grab	N	SW6010B	7/3/2003 18:38:0	< 0.00025	mg/L	0.00025	Nitric Acid
01042	Copper	Grab	N	SW6010B	7/3/2003 18:38:0	< 0.0011	mg/L	0.0011	Nitric Acid
01045	Iron	Grab	N	SW6010B	7/3/2003 18:38:0	0.49	mg/L	0.019	Nitric Acid
01051	Lead	Grab	N	SW6010B	7/3/2003 18:38:0	0.0019	mg/L	0.00091	Nitric Acid
01067	Nickel	Grab	N	SW6010B	7/3/2003 18:38:0	0.00097	mg/L	0.00085	Nitric Acid
01147	Selenium	Grab	N	SW6010B	7/3/2003 18:38:0	0.0048	mg/L	0.0022	Nitric Acid
01077	Silver	Grab	N	SW6010B	7/3/2003 18:38:0	< 0.00017	mg/L	0.00017	Nitric Acid
01087	Vanadium	Grab	N	SW6010B	7/3/2003 18:38:0	0.0041	mg/L	0.00016	Nitric Acid
01092	Zinc	Grab	N	SW6010B	7/3/2003 18:38:0	0.0032	mg/L	0.0025	Nitric Acid
01097	Antimony	Grab	N	SW7041A	7/8/2003 13:29:0	< 0.0034	mg/L	0.0034	Nitric Acid
71900	Mercury	Grab	N	SW7470A	7/8/2003 09:13:0	< 0.000018	mg/L	0.000018	Nitric Acid
01087	Thallium	Grab	N	SW7841	7/3/2003 12:50:0	< 0.00098	mg/L	0.00098	Nitric Acid
38760	1,2-Dibromo-3-chloropropane	Grab	N	E504.1	7/3/2003 00:13:0	< 0.0034	ug/L	0.0034	4 degrees C
NA	Ethylene Dibromide	Grab	N	E504.1	7/3/2003 00:13:0	< 0.0069	ug/L	0.0069	4 degrees C
77562	1,1,1,2-Tetrachloroethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.54	ug/L	0.54	Hydrochloric Acid
64[redacted]	1,1,1-Trichloroethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.78	ug/L	0.78	Hydrochloric Acid
[redacted]	1,1,2,2-Tetrachloroethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.38	ug/L	0.38	Hydrochloric Acid
34511	1,1,2-Trichloroethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.68	ug/L	0.68	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787
Test Site ID#:
Well Name: SW-1
Classified of Ground Water: G-II
Ground Water Elevation (NGVD):
or (MSL): N/A
Lab Code: J033714-02

Sampling Date/Time 7/2/2003 06:50:00
Report Period: 2003
Well Purge (Y/N): Y
Well Type: ( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
34496	1,1-Dichloroethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.72	ug/L	0.72	Hydrochloric Acid
34501	1,1-Dichloroethene	Grab	N	SW8260B	7/3/2003 19:10:0	< 1.0	ug/L	1.0	Hydrochloric Acid
77443	1,2,3-Trichloropropane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.66	ug/L	0.66	Hydrochloric Acid
38760	1,2-Dibromo-3-chloropropane	Grab	N	SW8260B	7/3/2003 19:10:0	< 1.1	ug/L	1.1	Hydrochloric Acid
NA	1,2-Dibromoethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.50	ug/L	0.50	Hydrochloric Acid
34536	1,2-Dichlorobenzene	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.56	ug/L	0.56	Hydrochloric Acid
34531	1,2-Dichloroethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.72	ug/L	0.72	Hydrochloric Acid
34541	1,2-Dichloropropane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.60	ug/L	0.60	Hydrochloric Acid
NA	1,3-Dichloropropene (Total)	Grab	N	SW8260B	7/3/2003 19:10:0	< 1.0	ug/L	1.0	Hydrochloric Acid
34571	1,4-Dichlorobenzene	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.60	ug/L	0.60	Hydrochloric Acid
NA	2-Hexanone (MBK)	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.54	ug/L	0.54	Hydrochloric Acid
NA	4-Methyl-2-pentanone (MIBK)	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.70	ug/L	0.70	Hydrochloric Acid
81552	Acetone	Grab	N	SW8260B	7/3/2003 19:10:0	< 1.4	ug/L	1.4	Hydrochloric Acid
34215	Acrylonitrile	Grab	N	SW8260B	7/3/2003 19:10:0	< 3.1	ug/L	3.1	Hydrochloric Acid
34030	Benzene	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.60	ug/L	0.60	Hydrochloric Acid
73085	Bromochloromethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.78	ug/L	0.78	Hydrochloric Acid
32101	Bromodichloromethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.58	ug/L	0.58	Hydrochloric Acid
32104	Bromoform	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.50	ug/L	0.50	Hydrochloric Acid
34413	Bromomethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.94	ug/L	0.94	Hydrochloric Acid
77041	Carbon Disulfide	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.82	ug/L	0.82	Hydrochloric Acid
32102	Carbon Tetrachloride	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.78	ug/L	0.78	Hydrochloric Acid
34301	Chlorobenzene	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.62	ug/L	0.62	Hydrochloric Acid
31311	Chloroethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.94	ug/L	0.94	Hydrochloric Acid
32106	Chloroform	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.82	ug/L	0.82	Hydrochloric Acid
34418	Chloromethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.86	ug/L	0.86	Hydrochloric Acid
77093	Cis-1,2-dichloroethene	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.78	ug/L	0.78	Hydrochloric Acid
34704	Cis-1,3-dichloropropene	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.54	ug/L	0.54	Hydrochloric Acid
32105	Dibromochloromethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.50	ug/L	0.50	Hydrochloric Acid
NA	Dibromomethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.68	ug/L	0.68	Hydrochloric Acid
34371	Ethylbenzene	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.54	ug/L	0.54	Hydrochloric Acid
NA	Iodomethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.80	ug/L	0.80	Hydrochloric Acid
NA	Methyl ethyl ketone	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.50	ug/L	0.50	Hydrochloric Acid
34423	Methylene Chloride	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.42	ug/L	0.42	Hydrochloric Acid
77128	Styrene	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.50	ug/L	0.50	Hydrochloric Acid
34475	Tetrachloroethene	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.86	ug/L	0.86	Hydrochloric Acid
78131	Toluene	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.58	ug/L	0.58	Hydrochloric Acid
34546	Trans-1,2-dichloroethene	Grab	N	SW8260B	7/3/2003 19:10:0	< 1.0	ug/L	1.0	Hydrochloric Acid
34699	Trans-1,3-dichloropropene	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77268	Trans-1,4-dichloro-2-butene	Grab	N	SW8260B	7/3/2003 19:10:0	0.52	ug/L	1.0	Hydrochloric Acid
39180	Trichloroethene	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.86	ug/L	0.86	Hydrochloric Acid
34488	Trichlorofluoromethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 1.0	ug/L	1.0	Hydrochloric Acid
77057	Vinyl Acetate	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.62	ug/L	0.62	Hydrochloric Acid
39175	Vinyl Chloride	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.98	ug/L	0.98	Hydrochloric Acid
81551	Xylenes (Total)	Grab	N	SW8260B	7/3/2003 19:10:0	< 1.7	ug/L	1.7	Hydrochloric Acid
NA	Fecal Coliform (MF)	Grab	N	SM9222D	7/2/2003 12:00:0	>20<	cfu/100ml	5.0	Sodium Thiosulfate

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

Name: SW-2

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): N/A

Lab Code: J033714-01

Sampling Date/Time 7/2/2003 06:30:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type: ( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
NA	Total Nitrogen	Grab	N	calculation	7/9/2003 15:57:0	4.5	mg/L	0.050	Sulfuric Acid
NA	Total Kjeldahl Nitrogen (as N)	Grab	N	E351.2	7/9/2003 15:57:0	4.0	mg/L	0.050	Sulfuric Acid
NA	Total Phosphorus (as P)	Grab	N	E365.4	7/10/2003 10:14:	1.3	mg/L	0.050	Sulfuric Acid
NA	Color/Sheen	Grab	N	Field	7/2/2003 06:30:0	None		N/A	Field
NA	Conductivity	Grab	N	Field	7/2/2003 06:30:0	94	µmhos/cm	N/A	Field
NA	Dissolved Oxygen	Grab	N	Field	7/2/2003 06:30:0	6.0	mg/L O2	N/A	Field
00400	pH (Field)	Grab	N	Field	7/2/2003 06:30:0	4.95	pH Units	N/A	Field
NA	Temperature	Grab	N	Field	7/2/2003 06:30:0	22	°C	N/A	Field
NA	Turbidity	Grab	N	Field	7/2/2003 06:30:0	3.1	NTU	N/A	Field
NA	Total Nitrogen	Grab	N	calculation	7/9/2003 15:57:0	4.5	mg/L	0.050	Sulfuric Acid
70300	Total Dissolved Solids	Grab	N	E160.1	7/3/2003 08:55:0	170	mg/L	10	4 degrees C
NA	Total Suspended Solids (TSS)	Grab	N	E160.2	7/7/2003 16:00:0	100	mg/L	4.0	4 degrees C
NA	Unionized Ammonia (as N)	Grab	N	E350.1	7/14/2003 12:00:	0.000026	mg/L	0.00000095	Sulfuric Acid
NA	Total Kjeldahl Nitrogen (as N)	Grab	N	E351.2	7/9/2003 15:57:0	4.0	mg/L	0.050	Sulfuric Acid
NA	Total Phosphorus (as P)	Grab	N	E365.4	7/10/2003 10:14:	1.3	mg/L	0.050	Sulfuric Acid
NA	Chemical Oxygen Demand (COD)	Grab	N	E410.1	7/16/2003 11:40:	240	mg/L	50	Sulfuric Acid
00680	Total Organic Carbon	Grab	N	E415.1	7/7/2003 10:30:0	65	mg/L	1.0	Sulfuric Acid
[redacted]	Chlorophyll A	Grab	N	SM10200H	7/16/2003 17:00:	< 1.0	mg/m3	1.0	4 degrees C
[redacted]	Chlorophyll A	Grab	N	SM10200H	7/16/2003 17:00:	< 1.0	mg/m3	1.0	4 degrees C
00620	Nitrate (as N)	Grab	N	SM4500NO3-F	7/2/2003 14:56:0	< 0.13	mg/L	0.13	4 degrees C
NA	Nitrate + Nitrite (as N)	Grab	N	SM4500NO3-F	7/3/2003 13:04:0	0.43	mg/L	0.050	Sulfuric Acid
NA	BOD (5-day)	Grab	N	SM5210B	7/3/2003 15:20:0	11	mg/L O2	2.0	4 degrees C
NA	Total Hardness (as CaCO3)	Grab	N	SM2340B	7/3/2003 18:38:0	58	mg/L	0.11	Nitric Acid
01002	Arsenic	Grab	N	SW6010B	7/3/2003 18:38:0	< 0.0016	mg/L	0.0016	Nitric Acid
01007	Barium	Grab	N	SW6010B	7/3/2003 18:38:0	0.054	mg/L	0.00076	Nitric Acid
01012	Beryllium	Grab	N	SW6010B	7/3/2003 18:38:0	0.000094	mg/L	0.000059	Nitric Acid
01027	Cadmium	Grab	N	SW6010B	7/3/2003 18:38:0	0.00056	mg/L	0.00036	Nitric Acid
01034	Chromium	Grab	N	SW6010B	7/3/2003 18:38:0	0.0041	mg/L	0.0010	Nitric Acid
01037	Cobalt	Grab	N	SW6010B	7/3/2003 18:38:0	0.00095	mg/L	0.00025	Nitric Acid
01042	Copper	Grab	N	SW6010B	7/3/2003 18:38:0	0.0028	mg/L	0.0011	Nitric Acid
01045	Iron	Grab	N	SW6010B	7/3/2003 18:38:0	5.3	mg/L	0.019	Nitric Acid
01051	Lead	Grab	N	SW6010B	7/3/2003 18:38:0	0.0021	mg/L	0.00091	Nitric Acid
01067	Nickel	Grab	N	SW6010B	7/3/2003 18:38:0	0.0033	mg/L	0.00085	Nitric Acid
01147	Selenium	Grab	N	SW6010B	7/3/2003 18:38:0	0.011	mg/L	0.0022	Nitric Acid
01077	Silver	Grab	N	SW6010B	7/3/2003 18:38:0	< 0.00017	mg/L	0.00017	Nitric Acid
01087	Vanadium	Grab	N	SW6010B	7/3/2003 18:38:0	0.0055	mg/L	0.00016	Nitric Acid
01092	Zinc	Grab	N	SW6010B	7/3/2003 18:38:0	0.014	mg/L	0.0025	Nitric Acid
01097	Antimony	Grab	N	SW7041A	7/8/2003 13:29:0	< 0.0034	mg/L	0.0034	Nitric Acid
71900	Mercury	Grab	N	SW7470A	7/8/2003 09:13:0	0.000019	mg/L	0.000018	Nitric Acid
01087	Thallium	Grab	N	SW7841	7/3/2003 12:50:0	< 0.00098	mg/L	0.00098	Nitric Acid
38760	1,2-Dibromo-3-chloropropane	Grab	N	E504.1	7/3/2003 00:13:0	< 0.0034	ug/L	0.0034	4 degrees C
NA	Ethylene Dibromide	Grab	N	E504.1	7/3/2003 00:13:0	< 0.0069	ug/L	0.0069	4 degrees C
77562	1,1,1,2-Tetrachloroethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.27	ug/L	0.27	Hydrochloric Acid
64506	1,1,1-Trichloroethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
[redacted]	1,1,2,2-Tetrachloroethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.19	ug/L	0.19	Hydrochloric Acid
34511	1,1,2-Trichloroethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.34	ug/L	0.34	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787
Test Site ID#:
Well Name: SW-2
Classified of Ground Water: G-II
Ground Water Elevation (NGVD):
or (MSL): N/A
Lab Code: J033714-01

Sampling Date/Time 7/2/2003 06:30:00
Report Period: 2003
Well Purge (Y/N): Y
Well Type: ( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
34496	1,1-Dichloroethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34501	1,1-Dichloroethene	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77443	1,2,3-Trichloropropane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.33	ug/L	0.33	Hydrochloric Acid
38760	1,2-Dibromo-3-chloropropane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.55	ug/L	0.55	Hydrochloric Acid
NA	1,2-Dibromoethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34536	1,2-Dichlorobenzene	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.28	ug/L	0.28	Hydrochloric Acid
34531	1,2-Dichloroethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34541	1,2-Dichloropropane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	1,3-Dichloropropene (Total)	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.52	ug/L	0.52	Hydrochloric Acid
34571	1,4-Dichlorobenzene	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	2-Hexanone (MBK)	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	4-Methyl-2-pentanone (MIBK)	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.35	ug/L	0.35	Hydrochloric Acid
81552	Acetone	Grab	N	SW8260B	7/3/2003 19:10:0	1.9	ug/L	0.71	Hydrochloric Acid
34215	Acrylonitrile	Grab	N	SW8260B	7/3/2003 19:10:0	< 1.6	ug/L	1.6	Hydrochloric Acid
34030	Benzene	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.30	ug/L	0.30	Hydrochloric Acid
73085	Bromochloromethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
32101	Bromodichloromethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.29	ug/L	0.29	Hydrochloric Acid
32104	Bromoform	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric
34413	Bromomethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.47	ug/L	0.47	Hydrochloric Acid
77041	Carbon Disulfide	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.41	ug/L	0.41	Hydrochloric Acid
32102	Carbon Tetrachloride	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34301	Chlorobenzene	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.31	ug/L	0.31	Hydrochloric Acid
31311	Chloroethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.47	ug/L	0.47	Hydrochloric Acid
32106	Chloroform	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.41	ug/L	0.41	Hydrochloric Acid
34418	Chloromethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.43	ug/L	0.43	Hydrochloric Acid
77093	Cis-1,2-dichloroethene	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34704	Cis-1,3-dichloropropene	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.27	ug/L	0.27	Hydrochloric Acid
32105	Dibromochloromethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
NA	Dibromomethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34371	Ethylbenzene	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	Iodomethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.40	ug/L	0.40	Hydrochloric Acid
NA	Methyl ethyl ketone	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34423	Methylene Chloride	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.21	ug/L	0.21	Hydrochloric Acid
77128	Styrene	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34475	Tetrachloroethene	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.43	ug/L	0.43	Hydrochloric Acid
78131	Toluene	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.29	ug/L	0.29	Hydrochloric Acid
34546	Trans-1,2-dichloroethene	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.50	ug/L	0.50	Hydrochloric Acid
34699	Trans-1,3-dichloropropene	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
77268	Trans-1,4-dichloro-2-butene	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.52	ug/L	0.52	Hydrochloric Acid
39180	Trichloroethene	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.43	ug/L	0.43	Hydrochloric Acid
34488	Trichlorofluoromethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77057	Vinyl Acetate	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.31	ug/L	0.31	Hydrochloric Acid
39175	Vinyl Chloride	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.49	ug/L	0.49	Hydrochloric Acid
81551	Xylenes (Total)	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.86	ug/L	0.86	Hydrochloric
NA	Fecal Coliform (MF)	Grab	N	SM9222D	7/2/2003 12:00:0	<20	cfu/100ml	5.0	Sodium Thios

Advanced
Environmental Laboratories, Inc.

6601 Southpoint Parkway
Jacksonville, Florida 32216
(904) 363-9350
FAX (904) 363-9354

Client:	Trail Rdge Landfill,Inc.	**Report No.:**	J033714
Project Name:	Trail Ridge SW	**Date Sampled:**	7/2/2003
Project Number:		**Date Received:**	7/2/03 09:45
		Date Reported:	7/23/2003

Attention: Linda Hair
Phone Number: 9042899100

Address: 5110 U.S. Highway 301

Baldwin, Florida 32234

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: Trail Ridge SW

Approved By: Paul Gunsaulies

Paul Gunsaulies, Project Manager

If you have any questions, the above named should be contacted.

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 = 16 + 4 COC

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033714

Project Name: Trail Ridge SW **Date/Time Received:** 7/2/03 09:45

Lab Code: J033714-01 **Date/Time Sampled:** 7/2/2003 06:30

Client Sample ID: SW-2 **SampleType:**

Site: Surface Water **Sampled By:** DSA/BR

Matrix: Water **Shipping Method:** AEL

Appendix I Volatile Organic Compunds

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,1,1,2-Tetrachloroethane	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
1,1,1-Trichloroethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
1,1,2,2-Tetrachloroethane	1	0.19	0.19	**0.19**	ug/L	U	SW8260B		J
1,1,2-Trichloroethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
1,1-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,1-Dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
1,2,3-Trichloropropane	1	0.33	0.33	**0.33**	ug/L	U	SW8260B		J
1,2-Dibromo-3-chloropropane	1	0.55	0.55	**0.55**	ug/L	U	SW8260B		J
1,2-Dibromoethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
1,2-Dichlorobenzene	1	0.28	0.28	**0.28**	ug/L	U	SW8260B		J
1,2-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,2-Dichloropropane	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
1,3-Dichloropropene (Total)	1	0.52	0.52	**0.52**	ug/L	U	SW8260B		J
1,4-Dichlorobenzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
2-Hexanone (MBK)	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
4-Methyl-2-pentanone (MIBK)	1	0.35	0.35	**0.35**	ug/L	U	SW8260B		J
Acetone	1	0.71	0.71	**1.9**	ug/L	i	SW8260B	AIC	J
Acrylonitrile	1	1.6	1.6	**1.6**	ug/L	U	SW8260B		J
Benzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
Bromochloromethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Bromodichloromethane	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Bromoform	1	0.25	0.25	**0.25**	ug/L	U	SW8260B	AIC	J
Bromomethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B		J
Carbon Disulfide	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Carbon Tetrachloride	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Chlorobenzene	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Chloroethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B	AIC	J
Chloroform	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Chloromethane	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Cis-1,2-dichloroethene	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Cis-1,3-dichloropropene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Dibromochloromethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Dibromomethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
Ethylbenzene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Iodomethane	1	0.40	0.40	**0.40**	ug/L	U	SW8260B	AIC	J
Methyl ethyl ketone	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Methylene Chloride	1	0.21	0.21	**0.21**	ug/L	U	SW8260B		J
Styrene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Tetrachloroethene	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Toluene	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Trans-1,2-dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
Trans-1,3-dichloropropene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Trans-1,4-dichloro-2-butene	1	0.52	0.52	**0.52**	ug/L	U	SW8260B		J
Trichloroethene	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Trichlorofluoromethane	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J

Vinyl Acetate	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Vinyl Chloride	1	0.49	0.49	**0.49**	ug/L	U	SW8260B		J
Xylenes (Total)	1	0.86	0.86	**0.86**	ug/L	U	SW8260B		J

Ethylene Dibromide

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,2-Dibromo-3-chloropropane	1	0.0034	0.0034	**0.0034**	ug/L	U	E504.1		J
Ethylene Dibromide	1	0.0069	0.0069	**0.0069**	ug/L	U	E504.1		J

Field Parameters

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Color/Sheen	1			**None**			Field		
Conductivity	1			**94**	µmhos/cm		Field		
Dissolved Oxygen	1			**6.0**	mg/L O2		Field		
pH (Field)	1			**4.95**	pH Units		Field		
Temperature	1			**22**	°C		Field		
Turbidity	1			**3.1**	NTU		Field		

Miscellaneous Analytes

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
BOD (5-day)	1	2.0	2.0	**11**	mg/L O2		SM5210B		J
Chemical Oxygen Demand (COD)	1	50	50	**240**	mg/L		E410.1		J
Chlorophyll A	1	1.0	1.0	**1.0**	mg/m3	U	SM10200H		T
Fecal Coliform (MF)	5	1.0	5.0	**20**	cfu/100ml		SM9222D		J
Nitrate (as N)	1	0.13	0.13	**0.13**	mg/L	U	SM4500NO3-F		J
Nitrate + Nitrite (as N)	1	0.050	0.050	**0.43**	mg/L		SM4500NO3-F		T
Total Dissolved Solids	1	10	10	**170**	mg/L		E160.1		J
Total Hardness (as CaCO3)	1	0.11	0.11	**58**	mg/L		SM2340B		J
Total Kjeldahl Nitrogen (as N)	1	0.050	0.050	**4.0**	mg/L		E351.2		T
Total Nitrogen	1	0.050	0.050	**4.5**	mg/L		calculation		T
Total Organic Carbon	1	1.0	1.0	**65**	mg/L		E415.1		T
Total Phosphorus (as P)	1	0.050	0.050	**1.3**	mg/L		E365.4		T
Total Suspended Solids (TSS)	1	4.0	4.0	**100**	mg/L		E160.2		J
Unionized Ammonia (as N)	1	0.00000095	0.00000095	**0.000026**	mg/L		E350.1		T

Total Metals

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic	1	0.0016	0.0016	**0.0016**	mg/L	U	SW6010B		J
Barium	1	0.00076	0.00076	**0.054**	mg/L		SW6010B		J
Beryllium	1	0.000059	0.000059	**0.000094**	mg/L	i	SW6010B		J
Cadmium	1	0.00036	0.00036	**0.00056**	mg/L	i	SW6010B		J
Chromium	1	0.0010	0.0010	**0.0041**	mg/L		SW6010B		J
Cobalt	1	0.00025	0.00025	**0.00095**	mg/L	i , V	SW6010B		J
Copper	1	0.0011	0.0011	**0.0028**	mg/L	i	SW6010B		J
Iron	1	0.019	0.019	**5.3**	mg/L		SW6010B		J
Lead	1	0.00091	0.00091	**0.0021**	mg/L	i	SW6010B		J
Nickel	1	0.00085	0.00085	**0.0033**	mg/L	i	SW6010B		J
Selenium	1	0.0022	0.0022	**0.011**	mg/L		SW6010B		J
Silver	1	0.00017	0.00017	**0.00017**	mg/L	U	SW6010B		J
Vanadium	1	0.00016	0.00016	**0.0055**	mg/L		SW6010B		J
Zinc	1	0.0025	0.0025	**0.014**	mg/L		SW6010B		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033714

Project Name: Trail Ridge SW **Date/Time Received:** 7/2/03 09:45

Total Metals (Hg)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury	1	0.000018	0.000018	**0.000019**	mg/L	i	SW7470A		J

Total Metals (Sb)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
* Antimony	1	0.0034	0.0034	**0.0034**	mg/L	U , J4	SW7041A		J

Total Metals (Tl)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium	1	0.00098	0.00098	**0.00098**	mg/L	U	SW7841		J

Surrogates:	Control Limits	% Recovery	Qual.	Method	Analysis Date	Prep Method	Prep Date	Analys
Tetrachloro-m-xylene	30 - 120	63		E504.1	7/3/2003	METHOD	7/3/2003 11:00:0	MP
1,2-Dichloroethane-d4	80 - 120	104		SW8260B	7/3/2003	SW5030B	7/3/2003 19:10:0	JA
4-Bromofluorobenzene	86 - 115	110		SW8260B	7/3/2003	SW5030B	7/3/2003 19:10:0	JA
Toluene d(8)	88 - 110	104		SW8260B	7/3/2003	SW5030B	7/3/2003 19:10:0	JA

AIC Alternate initial calibration criteria used (mean RSD <15%)

i The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

J4 The sample matrix interfered with the ability to make an accurate determination.

U The compound was analyzed for but not detected.

V Indicates that the analyte was detected in both the sample and the associated method blank.

J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)

T DOH certification #E84589, Compqap #980174 (AEL-Tampa)

* Comment for Antimony – J4 qualifier due to matrix spike recovery 122%, matrix spike duplicate recovery 133% for this sample.

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc.
Project Name: Trail Ridge SW

Report No.: J033714
Date/Time Received: 7/2/03 09:45

Lab Code: J033714-02
Client Sample ID: SW-1
Site: Surface Water
Matrix: Water

Date/Time Sampled: 7/2/2003 06:50
SampleType:
Sampled By: DSA/BR
Shipping Method: AEL

Appendix I Volatile Organic Compunds

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,1,1,2-Tetrachloroethane	2	0.27	0.54	**0.54**	ug/L	U	SW8260B		J
1,1,1-Trichloroethane	2	0.39	0.78	**0.78**	ug/L	U	SW8260B		J
1,1,2,2-Tetrachloroethane	2	0.19	0.38	**0.38**	ug/L	U	SW8260B		J
1,1,2-Trichloroethane	2	0.34	0.68	**0.68**	ug/L	U	SW8260B		J
1,1-Dichloroethane	2	0.36	0.72	**0.72**	ug/L	U	SW8260B		J
1,1-Dichloroethene	2	0.50	1.0	**1.0**	ug/L	U	SW8260B		J
1,2,3-Trichloropropane	2	0.33	0.66	**0.66**	ug/L	U	SW8260B		J
1,2-Dibromo-3-chloropropane	2	0.55	1.1	**1.1**	ug/L	U	SW8260B		J
1,2-Dibromoethane	2	0.25	0.50	**0.50**	ug/L	U	SW8260B		J
1,2-Dichlorobenzene	2	0.28	0.56	**0.56**	ug/L	U	SW8260B		J
1,2-Dichloroethane	2	0.36	0.72	**0.72**	ug/L	U	SW8260B		J
1,2-Dichloropropane	2	0.30	0.60	**0.60**	ug/L	U	SW8260B		J
1,3-Dichloropropene (Total)	2	0.52	1.0	**1.0**	ug/L	U	SW8260B		J
1,4-Dichlorobenzene	2	0.30	0.60	**0.60**	ug/L	U	SW8260B		J
2-Hexanone (MBK)	2	0.27	0.54	**0.54**	ug/L	U	SW8260B		J
4-Methyl-2-pentanone (MIBK)	2	0.35	0.70	**0.70**	ug/L	U	SW8260B		J
Acetone	2	0.71	1.4	**1.4**	ug/L	U	SW8260B	AIC	J
Acrylonitrile	2	1.6	3.1	**3.1**	ug/L	U	SW8260B		J
Benzene	2	0.30	0.60	**0.60**	ug/L	U	SW8260B		J
Bromochloromethane	2	0.39	0.78	**0.78**	ug/L	U	SW8260B		J
Bromodichloromethane	2	0.29	0.58	**0.58**	ug/L	U	SW8260B		J
Bromoform	2	0.25	0.50	**0.50**	ug/L	U	SW8260B	AIC	J
Bromomethane	2	0.47	0.94	**0.94**	ug/L	U	SW8260B		J
Carbon Disulfide	2	0.41	0.82	**0.82**	ug/L	U	SW8260B		J
Carbon Tetrachloride	2	0.39	0.78	**0.78**	ug/L	U	SW8260B		J
Chlorobenzene	2	0.31	0.62	**0.62**	ug/L	U	SW8260B		J
Chloroethane	2	0.47	0.94	**0.94**	ug/L	U	SW8260B	AIC	J
Chloroform	2	0.41	0.82	**0.82**	ug/L	U	SW8260B		J
Chloromethane	2	0.43	0.86	**0.86**	ug/L	U	SW8260B		J
Cis-1,2-dichloroethene	2	0.39	0.78	**0.78**	ug/L	U	SW8260B		J
Cis-1,3-dichloropropene	2	0.27	0.54	**0.54**	ug/L	U	SW8260B		J
Dibromochloromethane	2	0.25	0.50	**0.50**	ug/L	U	SW8260B		J
Dibromomethane	2	0.34	0.68	**0.68**	ug/L	U	SW8260B		J
Ethylbenzene	2	0.27	0.54	**0.54**	ug/L	U	SW8260B		J
Iodomethane	2	0.40	0.80	**0.80**	ug/L	U	SW8260B	AIC	J
Methyl ethyl ketone	2	0.25	0.50	**0.50**	ug/L	U	SW8260B		J
Methylene Chloride	2	0.21	0.42	**0.42**	ug/L	U	SW8260B		J
Styrene	2	0.25	0.50	**0.50**	ug/L	U	SW8260B		J
Tetrachloroethene	2	0.43	0.86	**0.86**	ug/L	U	SW8260B		J
Toluene	2	0.29	0.58	**0.58**	ug/L	U	SW8260B		J
Trans-1,2-dichloroethene	2	0.50	1.0	**1.0**	ug/L	U	SW8260B		J
Trans-1,3-dichloropropene	2	0.25	0.50	**0.50**	ug/L	U	SW8260B		J
Trans-1,4-dichloro-2-butene	2	0.52	1.0	**0.52**	ug/L	U	SW8260B		J
Trichloroethene	2	0.43	0.86	**0.86**	ug/L	U	SW8260B		J
Trichlorofluoromethane	2	0.50	1.0	**1.0**	ug/L	U	SW8260B		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033714

Project Name: Trail Ridge SW **Date/Time Received:** 7/2/03 09:45

Vinyl Acetate	2	0.31	0.62	**0.62**	ug/L	U	SW8260B		J
Vinyl Chloride	2	0.49	0.98	**0.98**	ug/L	U	SW8260B		J
Xylenes (Total)	2	0.86	1.7	**1.7**	ug/L	U	SW8260B		J

Ethylene Dibromide

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,2-Dibromo-3-chloropropane	1	0.0034	0.0034	**0.0034**	ug/L	U	E504.1		J
Ethylene Dibromide	1	0.0069	0.0069	**0.0069**	ug/L	U	E504.1		J

Field Parameters

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Color/Sheen	1			**Brn**			Field		
Conductivity	1			**140**	µmhos/cm		Field		
Dissolved Oxygen	1			**1.5**	mg/L O2		Field		
pH (Field)	1			**5.57**	pH Units		Field		
Temperature	1			**24**	°C		Field		
Turbidity	1			**8.7**	NTU		Field		

Miscellaneous Analytes

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
BOD (5-day)	1	2.0	2.0	**2.0**	mg/L O2	U	SM5210B		J
Chemical Oxygen Demand (COD)	1	50	50	**50**	mg/L	U	E410.1		J
Chlorophyll A	1	1.0	1.0	**46**	mg/m3		SM10200H		
Fecal Coliform (MF)	5	1.0	5.0	**20**	cfu/100ml	U	SM9222D		J
Nitrate (as N)	1	0.13	0.13	**0.13**	mg/L	U	SM4500NO3-F		J
Nitrate + Nitrite (as N)	1	0.050	0.050	**0.050**	mg/L	U	SM4500NO3-F		T
Total Dissolved Solids	1	10	10	**70**	mg/L		E160.1		J
Total Hardness (as CaCO3)	1	0.11	0.11	**7.8**	mg/L		SM2340B		J
Total Kjeldahl Nitrogen (as N)	1	0.050	0.050	**2.9**	mg/L		E351.2		T
Total Nitrogen	1	0.050	0.050	**2.9**	mg/L		calculation		T
Total Organic Carbon	1	1.0	1.0	**17**	mg/L		E415.1		T
Total Phosphorus (as P)	1	0.050	0.050	**0.45**	mg/L		E365.4		T
Total Suspended Solids (TSS)	1	4.0	4.0	**5.8**	mg/L		E160.2		J
Unionized Ammonia (as N)	1	0.0000046	0.0000046	**0.000050**	mg/L		E350.1		T

Total Metals

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic	1	0.0016	0.0016	**0.0016**	mg/L	U	SW6010B		J
Barium	1	0.00076	0.00076	**0.090**	mg/L		SW6010B		J
Beryllium	1	0.000059	0.000059	**0.00036**	mg/L		SW6010B		J
Cadmium	1	0.00036	0.00036	**0.00036**	mg/L	U	SW6010B		J
Chromium	1	0.0010	0.0010	**0.0010**	mg/L	U	SW6010B		J
Cobalt	1	0.00025	0.00025	**0.00025**	mg/L	U	SW6010B		J
Copper	1	0.0011	0.0011	**0.0011**	mg/L	U	SW6010B		J
Iron	1	0.019	0.019	**0.49**	mg/L		SW6010B		J
Lead	1	0.00091	0.00091	**0.0019**	mg/L	i	SW6010B		J
Nickel	1	0.00085	0.00085	**0.00097**	mg/L	i	SW6010B		J
Selenium	1	0.0022	0.0022	**0.0048**	mg/L	i	SW6010B		J
Silver	1	0.00017	0.00017	**0.00017**	mg/L	U	SW6010B		
Vanadium	1	0.00016	0.00016	**0.0041**	mg/L		SW6010B		
Zinc	1	0.0025	0.0025	**0.0032**	mg/L	i	SW6010B		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033714

Project Name: Trail Ridge SW **Date/Time Received:** 7/2/03 09:45

Total Metals (Hg)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury	1	0.000018	0.000018	**0.000018**	mg/L	U	SW7470A		J

Total Metals (Sb)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Antimony	1	0.0034	0.0034	**0.0034**	mg/L	U	SW7041A		J

Total Metals (Tl)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium	1	0.00098	0.00098	**0.00098**	mg/L	U	SW7841		J

Surrogates:	Control Limits	% Recovery	Qual.	Method	Analysis Date	Prep Method	Prep Date	Analys
Tetrachloro-m-xylene	30 - 120	55		E504.1	7/3/2003	METHOD	7/3/2003 11:00:0	MP
1,2-Dichloroethane-d4	80 - 120	104		SW8260B	7/3/2003	SW5030B	7/3/2003 19:10:0	JA
4-Bromofluorobenzene	86 - 115	110		SW8260B	7/3/2003	SW5030B	7/3/2003 19:10:0	JA
Toluene d(8)	88 - 110	104		SW8260B	7/3/2003	SW5030B	7/3/2003 19:10:0	JA

AIC Alternate initial calibration criteria used (mean RSD <15%)

I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U The compound was analyzed for but not detected.

J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)

T DOH certification #E84589, Compqap #980174 (AEL-Tampa)

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033714

Project Name: Trail Ridge SW **Date/Time Received:** 7/2/03 09:45

Sample Cross Reference Information

Lab Code: J033714-01 **Site: Surface Water**

Client Sample Number: SW-2 **Matrix: Water**

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time		Analyst	Prep Batch ID	Prep Date/Time
Appendix I Volatile Organic Compunds	SW8260B	SW5030B	v070303a	7/3/2003	19:10	JA	v070303a	7/3/2003 19:10:0
BOD (5-day)	SM5210B	NONE	WCJ-070303-BOD	7/3/2003	15:20	AGF		
Chemical Oxygen Demand (COD)	E410.1	NONE	WCJ-071603-COD1	7/16/2003	11:40	AGF		
Chlorophyll A	SM10200H	NONE	wct071603chloro	7/16/2003	17:00	SB		
Ethylene Dibromide	E504.1	METHOD	sv070303f-edb	7/3/2003	00:13	MP	SV070303-EDB	7/3/2003 11:00:0
Fecal Coliform (MF)	SM9222D	NONE	MI07-02-03-F1	7/2/2003	12:00	CR		
Nitrate (as N)	SM4500NO3-F	NONE	WCJ-070203-NIT2	7/2/2003	14:56	KDC		
Nitrate + Nitrite (as N)	SM4500NO3-F	NONE	wct070303no3	7/3/2003	13:04	DLS		
Total Dissolved Solids	E160.1	NONE	WCJ-070303-TDS	7/3/2003	08:55	AGF		
Total Hardness (as CaCO3)	SM2340B	SW3010A	M070203-3010 #3	7/3/2003	18:38	KC	M070203-3010 #3	7/2/2003 14:16:0
Total Kjeldahl Nitrogen (as N)	E351.2	NONE	wct070903tkn1	7/9/2003	15:57	DLS		
Total Metals	SW6010B	SW3010A	M070203-3010 #3	7/3/2003	18:38	KC	M070203-3010 #3	7/2/2003 14:16:0
Total Metals	SW6010B	SW3010A	M070203-3010 #3	7/3/2003		KC	M070203-3010 #3	7/2/2003 14:16:0
Total Metals (Hg)	SW7470A	METHOD	M070803-HG #1	7/8/2003	09:13	TP	M070803-HG #1	7/8/2003 04:30:0
Total Metals (Sb)	SW7041A	SW3020A	M070203-3020SB3	7/8/2003	13:29	KC	M070203-3020 #3	7/2/2003 14:22:0
Total Metals (Tl)	SW7841	SW3020A	M070203-3020TL3	7/3/2003	12:50	KC	M070203-3020 #3	7/2/2003 14:22:0
Total Nitrogen	calculation	NONE	wct070903tkn1	7/9/2003	15:57	DLS		
Total Organic Carbon	E415.1	NONE	wct070703toc1	7/7/2003	10:30	CLB		
Total Phosphorus (as P)	E365.4	NONE	wct071003tp1	7/10/2003	10:14	DLS		
Total Suspended Solids (TSS)	E160.2	NONE	WCJ-070703-TSS	7/7/2003	16:00	AGF		
Unionized Ammonia (as N)	E350.1	NONE	WCT071403UNION	7/14/2003	12:00	DLS		

Lab Code: J033714-02 **Site: Surface Water**

Client Sample Number: SW-1 **Matrix: Water**

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time		Analyst	Prep Batch ID	Prep Date/Time
Appendix I Volatile Organic Compunds	SW8260B	SW5030B	v070303a	7/3/2003	19:10	JA	v070303a	7/3/2003 19:10:0
BOD (5-day)	SM5210B	NONE	WCJ-070303-BOD	7/3/2003	15:20	AGF		
Chemical Oxygen Demand (COD)	E410.1	NONE	WCJ-071603-COD1	7/16/2003	11:40	AGF		
Chlorophyll A	SM10200H	NONE	wct071603chloro	7/16/2003	17:00	SB		
Ethylene Dibromide	E504.1	METHOD	sv070303f-edb	7/3/2003	00:13	MP	SV070303-EDB	7/3/2003 11:00:0
Fecal Coliform (MF)	SM9222D	NONE	MI07-02-03-F1	7/2/2003	12:00	CR		
Nitrate (as N)	SM4500NO3-F	NONE	WCJ-070203-NIT2	7/2/2003	14:56	KDC		
Nitrate + Nitrite (as N)	SM4500NO3-F	NONE	wct070303no3	7/3/2003	13:04	DLS		
Total Dissolved Solids	E160.1	NONE	WCJ-070303-TDS	7/3/2003	08:55	AGF		
Total Hardness (as CaCO3)	SM2340B	SW3010A	M070203-3010 #3	7/3/2003	18:38	KC	M070203-3010 #3	7/2/2003 14:16:0
Total Kjeldahl Nitrogen (as N)	E351.2	NONE	wct070903tkn1	7/9/2003	15:57	DLS		
Total Metals	SW6010B	SW3010A	M070203-3010 #3	7/3/2003	18:38	KC	M070203-3010 #3	7/2/2003 14:16:0
Total Metals	SW6010B	SW3010A	M070203-3010 #3	7/3/2003		KC	M070203-3010 #3	7/2/2003 14:16:0
Total Metals (Hg)	SW7470A	METHOD	M070803-HG #1	7/8/2003	09:13	TP	M070803-HG #1	7/8/2003 04:30:0
Total Metals (Sb)	SW7041A	SW3020A	M070203-3020SB3	7/8/2003	13:29	KC	M070203-3020 #3	7/2/2003 14:22:0
Total Metals (Tl)	SW7841	SW3020A	M070203-3020TL3	7/3/2003	12:50	KC	M070203-3020 #3	7/2/2003 14:22:0
Total Nitrogen	calculation	NONE	wct070903tkn1	7/9/2003	15:57	DLS		
Total Organic Carbon	E415.1	NONE	wct070703toc1	7/7/2003	10:30	CLB		
Total Phosphorus (as P)	E365.4	NONE	wct071003tp1	7/10/2003	10:14	DLS		
Total Suspended Solids (TSS)	E160.2	NONE	WCJ-070703-TSS	7/7/2003	16:00	AGF		
Unionized Ammonia (as N)	E350.1	NONE	WCT071403UNION	7/14/2003	12:00	DLS		

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033714

Project Name: Trail Ridge SW **Date/Time Received:** 7/2/03 09:45

Quality Assurance Report

Method Blanks

Total Metals

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
M070203-3010 #3	Arsenic	Method Blank	SW6010B	0.0016	0.0016	mg/L	U
M070203-3010 #3	Barium	Method Blank	SW6010B	0.00076	0.00076	mg/L	U
M070203-3010 #3	Beryllium	Method Blank	SW6010B	0.000059	0.000059	mg/L	U
M070203-3010 #3	Cadmium	Method Blank	SW6010B	0.00036	0.00036	mg/L	U
M070203-3010 #3	Chromium	Method Blank	SW6010B	0.0010	0.0010	mg/L	U
M070203-3010 #3	Cobalt	Method Blank	SW6010B	0.00025	0.00034	mg/L	I
M070203-3010 #3	Copper	Method Blank	SW6010B	0.0011	0.0011	mg/L	U
M070203-3010 #3	Iron	Method Blank	SW6010B	0.019	0.019	mg/L	U
M070203-3010 #3	Lead	Method Blank	SW6010B	0.00091	0.00091	mg/L	U
M070203-3010 #3	Nickel	Method Blank	SW6010B	0.00085	0.00085	mg/L	U
M070203-3010 #3	Selenium	Method Blank	SW6010B	0.0022	0.0022	mg/L	U
M070203-3010 #3	Silver	Method Blank	SW6010B	0.00017	0.00017	mg/L	U
M070203-3010 #3	Vanadium	Method Blank	SW6010B	0.00016	0.00016	mg/L	U
M070203-3010 #3	Zinc	Method Blank	SW6010B	0.0025	0.0025	mg/L	U

Total Metals (Sb)

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
M070203-3020SB	Antimony	Method Blank	SW7041A	0.0034	0.0034	mg/L	U

Total Metals (Tl)

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
M070203-3020TL	Thallium	Method Blank	SW7841	0.00098	0.00098	mg/L	U

Total Metals (Hg)

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
M070803-HG #1	Mercury	Method Blank	SW7470A	0.000018	0.000018	mg/L	U

Miscellaneous Analytes

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
MI07-02-03-F1	Fecal Coliform (MF)	Post Filter	SM9222D	1.0	1.0	cfu/100ml	U
MI07-02-03-F1	Fecal Coliform (MF)	Pre Filter	SM9222D	1.0	1.0	cfu/100ml	U

Ethylene Dibromide

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
sv070303f-edb	1,2-Dibromo-3-chloropropane	Method Blank	E504.1	0.0034	0.0034	ug/L	U
sv070303f-edb	Ethylene Dibromide	Method Blank	E504.1	0.0069	0.0069	ug/L	U

Surrogate(s)	Result	Units	% Recovery	Qualifier	Acceptance Limits
Tetrachloro-m-xylene		ug/L			30 - 120

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033714

Project Name: Trail Ridge SW **Date/Time Received:** 7/2/03 09:45

Appendix I Volatile Organic Compunds

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
v070303a	1,1,1,2-Tetrachloroethane	Method Blank	SW8260B	0.27	0.27	ug/L	U
v070303a	1,1,1-Trichloroethane	Method Blank	SW8260B	0.39	0.39	ug/L	U
v070303a	1,1,2,2-Tetrachloroethane	Method Blank	SW8260B	0.19	0.19	ug/L	U
v070303a	1,1,2-Trichloroethane	Method Blank	SW8260B	0.34	0.34	ug/L	U
v070303a	1,1-Dichloroethane	Method Blank	SW8260B	0.36	0.36	ug/L	U
v070303a	1,1-Dichloroethene	Method Blank	SW8260B	0.50	0.50	ug/L	U
v070303a	1,2,3-Trichloropropane	Method Blank	SW8260B	0.33	0.33	ug/L	U
v070303a	1,2-Dibromo-3-chloropropane	Method Blank	SW8260B	0.55	0.55	ug/L	U
v070303a	1,2-Dibromoethane	Method Blank	SW8260B	0.20	0.25	ug/L	U
v070303a	1,2-Dichlorobenzene	Method Blank	SW8260B	0.28	0.28	ug/L	U
v070303a	1,2-Dichloroethane	Method Blank	SW8260B	0.36	0.36	ug/L	U
v070303a	1,2-Dichloropropane	Method Blank	SW8260B	0.30	0.30	ug/L	U
v070303a	1,3-Dichloropropene (Total)	Method Blank	SW8260B	0.52	0.52	ug/L	U
v070303a	1,4-Dichlorobenzene	Method Blank	SW8260B	0.30	0.30	ug/L	U
v070303a	2-Hexanone (MBK)	Method Blank	SW8260B	0.27	0.27	ug/L	U
v070303a	4-Methyl-2-pentanone (MIBK)	Method Blank	SW8260B	0.35	0.35	ug/L	U
v070303a	Acetone	Method Blank	SW8260B	0.71	0.71	ug/L	U
v070303a	Acrylonitrile	Method Blank	SW8260B	1.6	1.6	ug/L	U
v070303a	Benzene	Method Blank	SW8260B	0.30	0.30	ug/L	U
v070303a	Bromochloromethane	Method Blank	SW8260B	0.39	0.39	ug/L	U
v070303a	Bromodichloromethane	Method Blank	SW8260B	0.29	0.29	ug/L	U
v070303a	Bromoform	Method Blank	SW8260B	0.25	0.25	ug/L	U
v070303a	Bromomethane	Method Blank	SW8260B	0.47	0.47	ug/L	U
v070303a	Carbon Disulfide	Method Blank	SW8260B	0.41	0.41	ug/L	U
v070303a	Carbon Tetrachloride	Method Blank	SW8260B	0.39	0.39	ug/L	U
v070303a	Chlorobenzene	Method Blank	SW8260B	0.31	0.31	ug/L	U
v070303a	Chloroethane	Method Blank	SW8260B	0.62	0.47	ug/L	U
v070303a	Chloroform	Method Blank	SW8260B	0.41	0.41	ug/L	U
v070303a	Chloromethane	Method Blank	SW8260B	0.43	0.43	ug/L	U
v070303a	Cis-1,2-dichloroethene	Method Blank	SW8260B	0.33	0.39	ug/L	U
v070303a	Cis-1,3-dichloropropene	Method Blank	SW8260B	0.27	0.27	ug/L	U
v070303a	Dibromochloromethane	Method Blank	SW8260B	0.25	0.25	ug/L	U
v070303a	Dibromomethane	Method Blank	SW8260B	0.34	0.34	ug/L	U
v070303a	Ethylbenzene	Method Blank	SW8260B	0.27	0.27	ug/L	U
v070303a	Iodomethane	Method Blank	SW8260B	0.40	0.40	ug/L	U
v070303a	Methyl ethyl ketone	Method Blank	SW8260B	0.25	0.25	ug/L	U
v070303a	Methylene Chloride	Method Blank	SW8260B	0.21	0.25	ug/L	I
v070303a	Styrene	Method Blank	SW8260B	0.25	0.25	ug/L	U
v070303a	Tetrachloroethene	Method Blank	SW8260B	0.43	0.43	ug/L	U
v070303a	Toluene	Method Blank	SW8260B	0.29	0.29	ug/L	U
v070303a	Trans-1,2-dichloroethene	Method Blank	SW8260B	0.50	0.50	ug/L	U
v070303a	Trans-1,3-dichloropropene	Method Blank	SW8260B	0.25	0.25	ug/L	U
v070303a	Trans-1,4-dichloro-2-butene	Method Blank	SW8260B	0.52	1.3	ug/L	U
v070303a	Trichloroethene	Method Blank	SW8260B	0.43	0.43	ug/L	U
v070303a	Trichlorofluoromethane	Method Blank	SW8260B	0.50	0.50	ug/L	U
v070303a	Vinyl Acetate	Method Blank	SW8260B	0.31	0.31	ug/L	U
v070303a	Vinyl Chloride	Method Blank	SW8260B	0.49	0.49	ug/L	U
v070303a	Xylenes (Total)	Method Blank	SW8260B	0.86	0.86	ug/L	U

Surrogate(s)	Result	Units	% Recovery	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4	53	ug/L	106		80 - 120
Toluene d(8)	52	ug/L	104		88 - 110
4-Bromofluorobenzene	57	ug/L	114		86 - 115

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033714

Project Name: Trail Ridge SW **Date/Time Received:** 7/2/03 09:45

Miscellaneous Analytes

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
WCJ-070203-NIT	Nitrate (as N)	Method Blank	SM4500NO3-F	0.13	0.13	mg/L	U

Miscellaneous Analytes

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
WCJ-070303-BO	BOD (5-day)	Method Blank	SM5210B	2.0	0.060	mg/L O2	U

Miscellaneous Analytes

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
WCJ-070303-TDS	Total Dissolved Solids	Method Blank	E160.1	10	10	mg/L	U

Miscellaneous Analytes

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
WCJ-070703-TSS	Total Suspended Solids (TSS)	Method Blank	E160.2	2.0	4.0	mg/L	U

Miscellaneous Analytes

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
WCJ-071603-CO	Chemical Oxygen Demand (COD)	Method Blank	E410.1	10	50	mg/L	U

Miscellaneous Analytes

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
wct070703toc1	Total Organic Carbon	Method Blank	E415.1	0.50	0.50	mg/L	U

Miscellaneous Analytes

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
wct070903tkn1	Total Kjeldahl Nitrogen (as N)	Method Blank	E351.2	0.034	0.034	mg/L	U

Miscellaneous Analytes

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
wct071003tp1	Total Phosphorus (as P)	Method Blank	E365.4	0.037	0.050	mg/L	U

Quality Assurance Qualifiers:

I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U The compound was analyzed for but not detected.

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033714

Project Name: Trail Ridge SW **Date/Time Received:** 7/2/03 09:45

Quality Assurance Report

Laboratory Control Spikes

Project #: J033714

QC Batch ID: M070203-3010 #3 **Matrix:** Water **Method:** SW6010B

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Arsenic	0.4	0.42	106	80 - 120	
Barium	0.4	0.42	105	80 - 120	
Beryllium	0.4	0.42	104	80 - 120	
Cadmium	0.4	0.41	103	80 - 120	
Chromium	0.4	0.40	100	80 - 120	
Cobalt	0.4	0.40	101	80 - 120	
Copper	0.4	0.43	109	80 - 120	
Iron	8.4	8.7	103	80 - 120	
Lead	0.4	0.40	99	80 - 120	
Nickel	0.4	0.41	103	80 - 120	
Selenium	0.4	0.43	108	80 - 120	
Silver	0.4	0.41	102	80 - 120	
Vanadium	0.4	0.42	105	80 - 120	
Zinc	0.4	0.41	103	80 - 120	

QC Batch ID: M070203-3020SB3 **Matrix:** Water **Method:** SW7041A

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Antimony	0.02	0.021	104	80 - 120	

QC Batch ID: M070203-3020TL3 **Matrix:** Water **Method:** SW7841

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Thallium	0.02	0.019	95	80 - 120	

QC Batch ID: M070803-HG #1 **Matrix:** Water **Method:** SW7470A

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Mercury	0.002	0.0022	108	85 - 115	

QC Batch ID: sv070303f-edb **Matrix:** Water **Method:** E504.1

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
1,2-Dibromo-3-chloropropane	0.25	0.25	100	65 - 135	
Ethylene Dibromide	0.25	0.23	92	65 - 135	

Surrogate(s)	Result	Units	% Recovery	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	1.0	ug/L	101		30 - 120

LCS Comment:

QC Batch ID: v070303a **Matrix:** Water **Method:** SW8260B

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
1,1-Dichloroethene	20	22	110	39 - 144	
Benzene	20	19	95	46 - 135	
Ethylbenzene	20	20	100	33 - 140	
Tetrachloroethene	20	19	95	24 - 164	
Toluene	20	20	100	44 - 135	
Trichloroethene	20	19	95	55 - 119	

Surrogate(s)	Result	Units	% Recovery	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4	53	ug/L	106		80 - 120
4-Bromofluorobenzene	54	ug/L	108		86 - 115
Toluene d(8)	50	ug/L	100		88 - 110

LCS Comment:

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033714

Project Name: Trail Ridge SW **Date/Time Received:** 7/2/03 09:45

QC Batch ID: WCJ-070203-NIT2 **Matrix:** Water **Method:** SM4500NO3-F

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Nitrate (as N)	1	0.99	99	90 - 110	

QC Batch ID: WCJ-070303-BOD **Matrix:** Water **Method:** SM5210B

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
BOD (5-day)	240	220	93	204 - 276	

QC Batch ID: WCJ-070303-TDS **Matrix:** Water **Method:** E160.1

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Total Dissolved Solids	300	290	98	75 - 125	

QC Batch ID: WCJ-070703-TSS **Matrix:** Water **Method:** E160.2

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Total Suspended Solids (TSS)	80	90	113	75 - 125	

QC Batch ID: WCJ-071603-COD1 **Matrix:** Water **Method:** E410.1

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Chemical Oxygen Demand (COD)	343	340	98	75 - 125	

QC Batch ID: wct070703toc1 **Matrix:** Water **Method:** E415.1

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Total Organic Carbon	40	41	103	90 - 110	

QC Batch ID: wct070903tkn1 **Matrix:** Water **Method:** E351.2

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Total Kjeldahl Nitrogen (as N)	1	1.0	103	90 - 110	

QC Batch ID: wct071003tp1 **Matrix:** Water **Method:** E365.4

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Total Phosphorus (as P)	1	0.90	90	90 - 110	

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033714

Project Name: Trail Ridge SW **Date/Time Received:** 7/2/03 09:45

Quality Assurance Report

Matrix Spike Recoveries

Project #: J033714

QC Batch ID M070203-3010 #3 Method: SW6010B Matrix: Water **Ref. Sample:** J033716-01 **Client Sample ID:** MWB-34S

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Arsenic	0.40	mg/L	0	0.44	0.43	109	108	80 - 120	0.83	
Barium	0.40	mg/L	0.018	0.43	0.43	102	102	80 - 120	0.15	
Beryllium	0.40	mg/L	0.000076	0.42	0.42	105	104	80 - 120	1.1	
Cadmium	0.40	mg/L	0.00092	0.41	0.41	103	103	80 - 120	0.041	
Chromium	0.40	mg/L	0.0036	0.40	0.40	100	100	80 - 120	0.22	
Cobalt	0.40	mg/L	0.00099	0.40	0.41	101	101	80 - 120	0.20	
Copper	0.40	mg/L	0.0034	0.45	0.45	112	112	80 - 120	0.18	
Iron	8.4	mg/L	0.58	9.4	9.4	105	105	75 - 125	0.011	
Lead	0.40	mg/L	0	0.39	0.39	99	99	80 - 120	0.051	
Nickel	0.40	mg/L	0	0.41	0.42	103	105	80 - 120	1.2	
Selenium	0.40	mg/L	0.0056	0.44	0.44	108	108	80 - 120	0.44	
Silver	0.40	mg/L	0.00026	0.11	0.14	28	36	80 - 120	23	J4
Vanadium	0.40	mg/L	0.0059	0.43	0.43	107	107	80 - 120	0.25	
Zinc	0.40	mg/L	0.012	0.45	0.44	108	106	80 - 120	2.0	

QC Batch ID M070203-3020SB3 Method: SW7041A Matrix: Water **Ref. Sample:** J033714-01 **Client Sample ID:** SW-2

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Antimony	0.020	mg/L	0	0.024	0.027	122	133	80 - 120	8.5	J4

QC Batch ID M070203-3020TL3 Method: SW7841 Matrix: Water **Ref. Sample:** J033714-01 **Client Sample ID:** SW-2

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Thallium	0.020	mg/L	0	0.018	0.019	91	97	80 - 120	6.5	

QC Batch ID M070803-HG #1 Method: SW7470A Matrix: Water **Ref. Sample:** G031121-01 **Client Sample ID:** 0403028

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Mercury	0.0020	mg/L	0	0.0023	0.0024	113	118	70 - 130	4.6	

QC Batch ID sv070303f-edb Method: E504.1 Matrix: Water **Ref. Sample:** J033492-01 **Client Sample ID:** SW-2

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
1,2-Dibromo-3-chloropropane	1.0	ug/L	0	0.83	0.80	83	80	65 - 135	3.9	
Ethylene Dibromide	1.0	ug/L	0	0.83	0.87	83	87	65 - 135	4.2	

Surrogate	MS %R	MSD %R	MS/MSD Range	MS Qual	MSD Qual
Tetrachloro-m-xylene	109	80	30 - 120		

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033714

Project Name: Trail Ridge SW **Date/Time Received:** 7/2/03 09:45

QC Batch ID v070303a Method: SW8260B Matrix: Water **Ref. Sample:** J033714-01 **Client Sample ID:** SW-2

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
1,1-Dichloroethene	20	ug/L	0	23	22	115	110	39 - 144	4.5	
Benzene	20	ug/L	0	20	20	100	100	46 - 135	0	
Ethylbenzene	20	ug/L	0	21	21	105	105	33 - 140	0	
Tetrachloroethene	20	ug/L	0	20	20	100	100	24 - 164	0	
Toluene	20	ug/L	0	21	21	105	105	44 - 135	0	
Trichloroethene	20	ug/L	0	21	20	105	100	55 - 119	4.9	

Surrogate	MS %R	MSD %R	MS/MSD Range	MS Qual	MSD Qual
1,2-Dichloroethane-d4	106	108	80 - 120		
4-Bromofluorobenzene	106	108	86 - 115		
Toluene d(8)	100	100	88 - 110		

QC Batch ID WCJ-070203-NIT2 Method: SM4500NO3-F Matrix: Water **Ref. Sample:** J033716-02 **Client Sample ID:** MWB-2S

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Nitrate (as N)	0.50	mg/L	0	0.48	0.48	95	95	90 - 110	0.21	

QC Batch ID WCJ-071603-COD Method: E410.1 Matrix: Water **Ref. Sample:** J033713-01 **Client Sample ID:** 1

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Chemical Oxygen Demand (COD)	570	mg/L	3000	3500	3500	85	85	75 - 125	0	

QC Batch ID wct070703toc1 Method: E415.1 Matrix: Water **Ref. Sample:** J033492-01 **Client Sample ID:** SW-2

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Total Organic Carbon	20	mg/L	8.7	30	30	106	105	90 - 110	0.76	

QC Batch ID wct070903tkn1 Method: E351.2 Matrix: Water **Ref. Sample:** J033643-02 **Client Sample ID:** SWB-1

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Total Kjeldahl Nitrogen (as N)	1.0	mg/L	3.0	4.0	4.0	100	104	90 - 110	5.6	

QC Batch ID wct071003tp1 Method: E365.4 Matrix: Water **Ref. Sample:** J033643-02 **Client Sample ID:** SWB-1

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Total Phosphorus (as P)	1.0	mg/L	0.31	1.4	1.4	106	104	90 - 110	2.6	

Quality Assurance Qualifiers:

J4 The sample matrix interfered with the ability to make an accurate determination.

Definitions:

Water matrix refers to all aqueous matrices, including but not limited to, drinking water, wastewater, ground water, surface water, aqueous wastes and leachates

Soil matrix refers to all non-aqueous matrices, including soils, solids, sludges, semi-solids, and non-aqueous waste samples

All results in mg/kg or % are reported in dry weight basis, unless notated otherwise. All results in mg/L are reported in wet weight basis.

MDL Method Detection Limit, without correction for dilution or moisture content

Adjusted Reporting Limit is the MDL accounting for all dilutions and moisture content cacluations.

PQL is defined to be 4 times the MDL, for all results qualified with an 'i' qualifie

Client: Trail Rdge Landfill,Inc.
Report No.: J033714

Project Name: Trail Ridge SW
Date/Time Received: 7/2/03 09:45

The estimated measurements of uncertainty can be provided upon request

This is the last page of the analytical report.

TRAIL RIDGE LANDFILL
LEACHATE MONITORING DATA

Part III: Analytical Results

Facility GMS#: 3116P02787

Site ID#: [redacted]

Name: LDSS

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): N/A

Lab Code: J033737-01

Sampling Date/Time 7/2/2003 09:50:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type: ( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
NA	Color/Sheen	Grab	N	Field	7/2/2003 09:50:0	BlkShn		N/A	Field
NA	Conductivity	Grab	N	Field	7/2/2003 09:50:0	8400	µmhos/cm	N/A	Field
NA	Dissolved Oxygen	Grab	N	Field	7/2/2003 09:50:0	0.10	mg/L O2	N/A	Field
00400	pH (Field)	Grab	N	Field	7/2/2003 09:50:0	7.31	pH Units	N/A	Field
NA	Temperature	Grab	N	Field	7/2/2003 09:50:0	28	°C	N/A	Field
NA	Turbidity	Grab	N	Field	7/2/2003 09:50:0	46	NTU	N/A	Field
70300	Total Dissolved Solids	Grab	N	E160.1	7/8/2003 10:35:0	4000	mg/L	10	4 degrees C
NA	Bicarbonate Alkalinity (as CaCO3)	Grab	N	E310.1	7/11/2003 09:30:	3100	mg/L	5.0	4 degrees C
00940	Total Chlorides	Grab	N	E325.2	7/8/2003 09:51:0	910	mg/L	10	4 degrees C
NA	Ammonia (as N)	Grab	N	E350.1	7/14/2003 12:00:	560	mg/L	24	Sulfuric Acid
00620	Nitrate (as N)	Grab	N	SM4500NO3-F	7/3/2003 10:55:0	< 0.13	mg/L	0.13	4 degrees C
01002	Arsenic	Grab	N	SW6010B	7/4/2003 22:12:0	0.021	mg/L	0.0080	Nitric Acid
01007	Barium	Grab	N	SW6010B	7/4/2003 22:12:0	0.34	mg/L	0.0038	Nitric Acid
01012	Beryllium	Grab	N	SW6010B	7/4/2003 22:12:0	0.00089	mg/L	0.00030	Nitric Acid
01027	Cadmium	Grab	N	SW6010B	7/4/2003 22:12:0	< 0.0018	mg/L	0.0018	Nitric Acid
01034	Chromium	Grab	N	SW6010B	7/4/2003 22:12:0	0.046	mg/L	0.0050	Nitric Acid
01037	Cobalt	Grab	N	SW6010B	7/4/2003 22:12:0	0.019	mg/L	0.0013	Nitric Acid
[redacted]	Copper	Grab	N	SW6010B	7/4/2003 22:12:0	0.025	mg/L	0.0055	Nitric Acid
01045	Iron	Grab	N	SW6010B	7/4/2003 22:12:0	38	mg/L	0.095	Nitric Acid
01051	Lead	Grab	N	SW6010B	7/4/2003 22:12:0	< 0.0046	mg/L	0.0046	Nitric Acid
01067	Nickel	Grab	N	SW6010B	7/4/2003 22:12:0	0.092	mg/L	0.0042	Nitric Acid
01147	Selenium	Grab	N	SW6010B	7/4/2003 22:12:0	0.034	mg/L	0.011	Nitric Acid
01077	Silver	Grab	N	SW6010B	7/4/2003 22:12:0	0.0020	mg/L	0.00085	Nitric Acid
00929	Sodium	Grab	N	SW6010B	7/4/2003 22:12:0	920	mg/L	0.25	Nitric Acid
01087	Vanadium	Grab	N	SW6010B	7/4/2003 22:12:0	0.028	mg/L	0.00080	Nitric Acid
01092	Zinc	Grab	N	SW6010B	7/4/2003 22:12:0	< 0.013	mg/L	0.013	Nitric Acid
01097	Antimony	Grab	N	SW7041A	7/8/2003 17:40:0	< 0.0034	mg/L	0.0034	Nitric Acid
71900	Mercury	Grab	N	SW7470A	7/8/2003 10:29:0	0.000049	mg/L	0.000018	Nitric Acid
01087	Thallium	Grab	N	SW7841	7/9/2003 16:55:0	< 0.00098	mg/L	0.00098	Nitric Acid
38760	1,2-Dibromo-3-chloropropane	Grab	N	E504.1	7/3/2003 00:13:0	< 0.0034	ug/L	0.0034	4 degrees C
NA	Ethylene Dibromide	Grab	N	E504.1	7/3/2003 00:13:0	< 0.0069	ug/L	0.0069	4 degrees C
77562	1,1,1,2-Tetrachloroethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 27	ug/L	27	Hydrochloric Acid
64506	1,1,1-Trichloroethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 39	ug/L	39	Hydrochloric Acid
34516	1,1,2,2-Tetrachloroethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 19	ug/L	19	Hydrochloric Acid
34511	1,1,2-Trichloroethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 34	ug/L	34	Hydrochloric Acid
34496	1,1-Dichloroethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 36	ug/L	36	Hydrochloric Acid
34501	1,1-Dichloroethene	Grab	N	SW8260B	7/3/2003 19:10:0	< 50	ug/L	50	Hydrochloric Acid
77443	1,2,3-Trichloropropane	Grab	N	SW8260B	7/3/2003 19:10:0	< 33	ug/L	33	Hydrochloric Acid
38760	1,2-Dibromo-3-chloropropane	Grab	N	SW8260B	7/3/2003 19:10:0	< 55	ug/L	55	Hydrochloric Acid
NA	1,2-Dibromoethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 25	ug/L	25	Hydrochloric Acid
34536	1,2-Dichlorobenzene	Grab	N	SW8260B	7/3/2003 19:10:0	< 28	ug/L	28	Hydrochloric Acid
34531	1,2-Dichloroethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 36	ug/L	36	Hydrochloric Acid
34541	1,2-Dichloropropane	Grab	N	SW8260B	7/3/2003 19:10:0	< 30	ug/L	30	Hydrochloric Acid
[redacted]	1,3-Dichloropropene (Total)	Grab	N	SW8260B	7/3/2003 19:10:0	< 52	ug/L	52	Hydrochloric Acid
[redacted]	1,4-Dichlorobenzene	Grab	N	SW8260B	7/3/2003 19:10:0	< 30	ug/L	30	Hydrochloric Acid
NA	2-Hexanone (MBK)	Grab	N	SW8260B	7/3/2003 19:10:0	< 27	ug/L	27	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

Well Name: LDSS

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): N/A

Lab Code: J033737-01

Sampling Date/Time 7/2/2003 09:50:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
NA	4-Methyl-2-pentanone (MIBK)	Grab	N	SW8260B	7/3/2003 19:10:0	< 35	ug/L	35	Hydrochloric Acid
81552	Acetone	Grab	N	SW8260B	7/3/2003 19:10:0	2900	ug/L	71	Hydrochloric Acid
34215	Acrylonitrile	Grab	N	SW8260B	7/3/2003 19:10:0	< 160	ug/L	160	Hydrochloric Acid
34030	Benzene	Grab	N	SW8260B	7/3/2003 19:10:0	< 30	ug/L	30	Hydrochloric Acid
73085	Bromochloromethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 39	ug/L	39	Hydrochloric Acid
32101	Bromodichloromethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 29	ug/L	29	Hydrochloric Acid
32104	Bromoform	Grab	N	SW8260B	7/3/2003 19:10:0	< 25	ug/L	25	Hydrochloric Acid
34413	Bromomethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 47	ug/L	47	Hydrochloric Acid
77041	Carbon Disulfide	Grab	N	SW8260B	7/3/2003 19:10:0	< 41	ug/L	41	Hydrochloric Acid
32102	Carbon Tetrachloride	Grab	N	SW8260B	7/3/2003 19:10:0	< 39	ug/L	39	Hydrochloric Acid
34301	Chlorobenzene	Grab	N	SW8260B	7/3/2003 19:10:0	< 31	ug/L	31	Hydrochloric Acid
31311	Chloroethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 47	ug/L	47	Hydrochloric Acid
32106	Chloroform	Grab	N	SW8260B	7/3/2003 19:10:0	< 41	ug/L	41	Hydrochloric Acid
34418	Chloromethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 43	ug/L	43	Hydrochloric Acid
77093	Cis-1,2-dichloroethene	Grab	N	SW8260B	7/3/2003 19:10:0	< 39	ug/L	39	Hydrochloric Acid
34704	Cis-1,3-dichloropropene	Grab	N	SW8260B	7/3/2003 19:10:0	< 27	ug/L	27	Hydrochloric Acid
32105	Dibromochloromethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 25	ug/L	25	Hydrochloric Acid
NA	Dibromomethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 34	ug/L	34	Hydrochloric
34371	Ethylbenzene	Grab	N	SW8260B	7/3/2003 19:10:0	< 27	ug/L	27	Hydrochloric Acid
NA	Iodomethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 40	ug/L	40	Hydrochloric Acid
NA	Methyl ethyl ketone	Grab	N	SW8260B	7/3/2003 19:10:0	4000	ug/L	25	Hydrochloric Acid
34423	Methylene Chloride	Grab	N	SW8260B	7/3/2003 19:10:0	23	ug/L	21	Hydrochloric Acid
77128	Styrene	Grab	N	SW8260B	7/3/2003 19:10:0	< 25	ug/L	25	Hydrochloric Acid
34475	Tetrachloroethene	Grab	N	SW8260B	7/3/2003 19:10:0	< 43	ug/L	43	Hydrochloric Acid
78131	Toluene	Grab	N	SW8260B	7/3/2003 19:10:0	41	ug/L	29	Hydrochloric Acid
34546	Trans-1,2-dichloroethene	Grab	N	SW8260B	7/3/2003 19:10:0	< 50	ug/L	50	Hydrochloric Acid
34699	Trans-1,3-dichloropropene	Grab	N	SW8260B	7/3/2003 19:10:0	< 25	ug/L	25	Hydrochloric Acid
77268	Trans-1,4-dichloro-2-butene	Grab	N	SW8260B	7/3/2003 19:10:0	0.52	ug/L	52	Hydrochloric Acid
39180	Trichloroethene	Grab	N	SW8260B	7/3/2003 19:10:0	< 43	ug/L	43	Hydrochloric Acid
34488	Trichlorofluoromethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 50	ug/L	50	Hydrochloric Acid
77057	Vinyl Acetate	Grab	N	SW8260B	7/3/2003 19:10:0	< 31	ug/L	31	Hydrochloric Acid
39175	Vinyl Chloride	Grab	N	SW8260B	7/3/2003 19:10:0	< 49	ug/L	49	Hydrochloric Acid
81551	Xylenes (Total)	Grab	N	SW8260B	7/3/2003 19:10:0	< 86	ug/L	86	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Site ID#: [redacted]

Name: LCS

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): N/A

Lab Code: J033737-02

Sampling Date/Time 7/2/2003 10:10:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type: ( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
NA	Color/Sheen	Grab	N	Field	7/2/2003 10:10:0	BlkShn		N/A	Field
NA	Conductivity	Grab	N	Field	7/2/2003 10:10:0	9700	µmhos/cm	N/A	Field
NA	Dissolved Oxygen	Grab	N	Field	7/2/2003 10:10:0	0	mg/L O2	N/A	Field
00400	pH (Field)	Grab	N	Field	7/2/2003 10:10:0	7.31	pH Units	N/A	Field
NA	Temperature	Grab	N	Field	7/2/2003 10:10:0	28	°C	N/A	Field
NA	Turbidity	Grab	N	Field	7/2/2003 10:10:0	1000	NTU	N/A	Field
70300	Total Dissolved Solids	Grab	N	E160.1	7/8/2003 10:35:0	3500	mg/L	10	4 degrees C
NA	Bicarbonate Alkalinity (as CaCO3)	Grab	N	E310.1	7/11/2003 09:30:	11000	mg/L	5.0	4 degrees C
00940	Total Chlorides	Grab	N	E325.2	7/8/2003 09:51:0	980	mg/L	10	4 degrees C
NA	Ammonia (as N)	Grab	N	E350.1	7/14/2003 12:00:	750	mg/L	24	Sulfuric Acid
00620	Nitrate (as N)	Grab	N	SM4500NO3-F	7/3/2003 10:55:0	< 0.13	mg/L	0.13	4 degrees C
01002	Arsenic	Grab	N	SW6010B	7/4/2003 22:12:0	1.7	mg/L	0.016	Nitric Acid
01007	Barium	Grab	N	SW6010B	7/4/2003 22:12:0	6.8	mg/L	0.0076	Nitric Acid
01012	Beryllium	Grab	N	SW6010B	7/4/2003 22:12:0	0.011	mg/L	0.00060	Nitric Acid
01027	Cadmium	Grab	N	SW6010B	7/4/2003 22:12:0	0.0036	mg/L	0.00072	Nitric Acid
01034	Chromium	Grab	N	SW6010B	7/4/2003 22:12:0	1.3	mg/L	0.010	Nitric Acid
01037	Cobalt	Grab	N	SW6010B	7/4/2003 22:12:0	1.1	mg/L	0.0026	Nitric Acid
[redacted]	Copper	Grab	N	SW6010B	7/4/2003 22:12:0	11	mg/L	0.011	Nitric Acid
[redacted]	Iron	Grab	N	SW6010B	7/4/2003 22:12:0	4100	mg/L	0.48	Nitric Acid
01051	Lead	Grab	N	SW6010B	7/4/2003 22:12:0	0.56	mg/L	0.0092	Nitric Acid
01067	Nickel	Grab	N	SW6010B	7/4/2003 22:12:0	2.3	mg/L	0.0086	Nitric Acid
01147	Selenium	Grab	N	SW6010B	7/4/2003 22:12:0	0.20	mg/L	0.022	Nitric Acid
01077	Silver	Grab	N	SW6010B	7/4/2003 22:12:0	< 0.0017	mg/L	0.0017	Nitric Acid
00929	Sodium	Grab	N	SW6010B	7/4/2003 22:12:0	1100	mg/L	0.50	Nitric Acid
01087	Vanadium	Grab	N	SW6010B	7/4/2003 22:12:0	1.5	mg/L	0.0016	Nitric Acid
01092	Zinc	Grab	N	SW6010B	7/4/2003 22:12:0	6.4	mg/L	0.026	Nitric Acid
01097	Antimony	Grab	N	SW7041A	7/8/2003 17:40:0	< 0.017	mg/L	0.017	Nitric Acid
71900	Mercury	Grab	N	SW7470A	7/8/2003 10:29:0	0.017	mg/L	0.00018	Nitric Acid
01087	Thallium	Grab	N	SW7841	7/9/2003 16:55:0	< 0.0049	mg/L	0.0049	Nitric Acid
38760	1,2-Dibromo-3-chloropropane	Grab	N	E504.1	7/3/2003 00:13:0	< 0.0034	ug/L	0.0034	4 degrees C
NA	Ethylene Dibromide	Grab	N	E504.1	7/3/2003 00:13:0	< 0.0069	ug/L	0.0069	4 degrees C
77562	1,1,1,2-Tetrachloroethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 27	ug/L	27	Hydrochloric Acid
64506	1,1,1-Trichloroethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 39	ug/L	39	Hydrochloric Acid
34516	1,1,2,2-Tetrachloroethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 19	ug/L	19	Hydrochloric Acid
34511	1,1,2-Trichloroethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 34	ug/L	34	Hydrochloric Acid
34496	1,1-Dichloroethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 36	ug/L	36	Hydrochloric Acid
34501	1,1-Dichloroethene	Grab	N	SW8260B	7/3/2003 19:10:0	< 50	ug/L	50	Hydrochloric Acid
77443	1,2,3-Trichloropropane	Grab	N	SW8260B	7/3/2003 19:10:0	< 33	ug/L	33	Hydrochloric Acid
38760	1,2-Dibromo-3-chloropropane	Grab	N	SW8260B	7/3/2003 19:10:0	< 55	ug/L	55	Hydrochloric Acid
NA	1,2-Dibromoethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 25	ug/L	25	Hydrochloric Acid
34536	1,2-Dichlorobenzene	Grab	N	SW8260B	7/3/2003 19:10:0	< 28	ug/L	28	Hydrochloric Acid
34531	1,2-Dichloroethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 36	ug/L	36	Hydrochloric Acid
34541	1,2-Dichloropropane	Grab	N	SW8260B	7/3/2003 19:10:0	< 30	ug/L	30	Hydrochloric Acid
[redacted]	1,3-Dichloropropene (Total)	Grab	N	SW8260B	7/3/2003 19:10:0	< 52	ug/L	52	Hydrochloric Acid
[redacted]	1,4-Dichlorobenzene	Grab	N	SW8260B	7/3/2003 19:10:0	< 30	ug/L	30	Hydrochloric Acid
NA	2-Hexanone (MBK)	Grab	N	SW8260B	7/3/2003 19:10:0	< 27	ug/L	27	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787
Test Site ID#:
Well Name: LCS
Classified of Ground Water: G-II
Ground Water Elevation (NGVD):
or (MSL): N/A
Lab Code: J033737-02

Sampling Date/Time 7/2/2003 10:10:00
Report Period: 2003
Well Purge (Y/N): Y
Well Type: ( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
NA	4-Methyl-2-pentanone (MIBK)	Grab	N	SW8260B	7/3/2003 19:10:0	< 35	ug/L	35	Hydrochloric Acid
81552	Acetone	Grab	N	SW8260B	7/3/2003 19:10:0	1500	ug/L	71	Hydrochloric Acid
34215	Acrylonitrile	Grab	N	SW8260B	7/3/2003 19:10:0	< 160	ug/L	160	Hydrochloric Acid
34030	Benzene	Grab	N	SW8260B	7/3/2003 19:10:0	< 30	ug/L	30	Hydrochloric Acid
73085	Bromochloromethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 39	ug/L	39	Hydrochloric Acid
32101	Bromodichloromethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 29	ug/L	29	Hydrochloric Acid
32104	Bromoform	Grab	N	SW8260B	7/3/2003 19:10:0	< 25	ug/L	25	Hydrochloric Acid
34413	Bromomethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 47	ug/L	47	Hydrochloric Acid
77041	Carbon Disulfide	Grab	N	SW8260B	7/3/2003 19:10:0	< 41	ug/L	41	Hydrochloric Acid
32102	Carbon Tetrachloride	Grab	N	SW8260B	7/3/2003 19:10:0	< 39	ug/L	39	Hydrochloric Acid
34301	Chlorobenzene	Grab	N	SW8260B	7/3/2003 19:10:0	< 31	ug/L	31	Hydrochloric Acid
31311	Chloroethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 47	ug/L	47	Hydrochloric Acid
32106	Chloroform	Grab	N	SW8260B	7/3/2003 19:10:0	< 41	ug/L	41	Hydrochloric Acid
34418	Chloromethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 43	ug/L	43	Hydrochloric Acid
77093	Cis-1,2-dichloroethene	Grab	N	SW8260B	7/3/2003 19:10:0	< 39	ug/L	39	Hydrochloric Acid
34704	Cis-1,3-dichloropropene	Grab	N	SW8260B	7/3/2003 19:10:0	< 27	ug/L	27	Hydrochloric Acid
32105	Dibromochloromethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 25	ug/L	25	Hydrochloric Acid
NA	Dibromomethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 34	ug/L	34	Hydrochloric Acid
34371	Ethylbenzene	Grab	N	SW8260B	7/3/2003 19:10:0	< 27	ug/L	27	Hydrochloric Acid
NA	Iodomethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 40	ug/L	40	Hydrochloric Acid
NA	Methyl ethyl ketone	Grab	N	SW8260B	7/3/2003 19:10:0	2100	ug/L	25	Hydrochloric Acid
34423	Methylene Chloride	Grab	N	SW8260B	7/3/2003 19:10:0	25	ug/L	21	Hydrochloric Acid
77128	Styrene	Grab	N	SW8260B	7/3/2003 19:10:0	< 25	ug/L	25	Hydrochloric Acid
34475	Tetrachloroethene	Grab	N	SW8260B	7/3/2003 19:10:0	< 43	ug/L	43	Hydrochloric Acid
78131	Toluene	Grab	N	SW8260B	7/3/2003 19:10:0	< 29	ug/L	29	Hydrochloric Acid
34546	Trans-1,2-dichloroethene	Grab	N	SW8260B	7/3/2003 19:10:0	< 50	ug/L	50	Hydrochloric Acid
34699	Trans-1,3-dichloropropene	Grab	N	SW8260B	7/3/2003 19:10:0	< 25	ug/L	25	Hydrochloric Acid
77268	Trans-1,4-dichloro-2-butene	Grab	N	SW8260B	7/3/2003 19:10:0	0.52	ug/L	52	Hydrochloric Acid
39180	Trichloroethene	Grab	N	SW8260B	7/3/2003 19:10:0	< 43	ug/L	43	Hydrochloric Acid
34488	Trichlorofluoromethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 50	ug/L	50	Hydrochloric Acid
77057	Vinyl Acetate	Grab	N	SW8260B	7/3/2003 19:10:0	< 31	ug/L	31	Hydrochloric Acid
39175	Vinyl Chloride	Grab	N	SW8260B	7/3/2003 19:10:0	< 49	ug/L	49	Hydrochloric Acid
81551	Xylenes (Total)	Grab	N	SW8260B	7/3/2003 19:10:0	< 86	ug/L	86	Hydrochloric Acid

Advanced
Environmental Laboratories, Inc.

6601 Southpoint Parkway
Jacksonville, Florida 32216
(904) 363-9350
FAX (904) 363-9354

Client:	Trail Rdge Landfill,Inc.	**Report No.:**	J033737
Project Name:	Trail Ridge Leachate	**Date Sampled:**	7/2/2003
Project Number:		**Date Received:**	7/2/03 14:05
		Date Reported:	7/22/2003

Attention: Linda Hair
Phone Number: 9042899100

Address: 5110 U.S. Highway 301

Baldwin, Florida 32234

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: Trail Ridge Leachate

Approved By: Paul Gunsaulies

Paul Gunsaulies, Project Manager

If you have any questions, the above named should be contacted.

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 = 17 + 4 COC

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc.
Project Name: Trail Ridge Leachate

Report No.: J033737
Date/Time Received: 7/2/03 14:05

Lab Code: J033737-01
Client Sample ID: LDSS
Site: Leachate
Matrix: Water

Date/Time Sampled: 7/2/2003 09:50
SampleType:
Sampled By: DSA/BR
Shipping Method: Client drop off

Appendix I Volatile Organic Compunds

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,1,1,2-Tetrachloroethane	100	0.27	27	**27**	ug/L	U	SW8260B		J
1,1,1-Trichloroethane	100	0.39	39	**39**	ug/L	U	SW8260B		J
1,1,2,2-Tetrachloroethane	100	0.19	19	**19**	ug/L	U	SW8260B		J
1,1,2-Trichloroethane	100	0.34	34	**34**	ug/L	U	SW8260B		J
1,1-Dichloroethane	100	0.36	36	**36**	ug/L	U	SW8260B		J
1,1-Dichloroethene	100	0.50	50	**50**	ug/L	U	SW8260B		J
1,2,3-Trichloropropane	100	0.33	33	**33**	ug/L	U	SW8260B		J
1,2-Dibromo-3-chloropropane	100	0.55	55	**55**	ug/L	U	SW8260B		J
1,2-Dibromoethane	100	0.25	25	**25**	ug/L	U	SW8260B		J
1,2-Dichlorobenzene	100	0.28	28	**28**	ug/L	U	SW8260B		J
1,2-Dichloroethane	100	0.36	36	**36**	ug/L	U	SW8260B		J
1,2-Dichloropropane	100	0.30	30	**30**	ug/L	U	SW8260B		J
1,3-Dichloropropene (Total)	100	0.52	52	**52**	ug/L	U	SW8260B		J
1,4-Dichlorobenzene	100	0.30	30	**30**	ug/L	U	SW8260B		J
2-Hexanone (MBK)	100	0.27	27	**27**	ug/L	U	SW8260B		J
4-Methyl-2-pentanone (MIBK)	100	0.35	35	**35**	ug/L	U	SW8260B		J
Acetone	100	0.71	71	**2900**	ug/L		SW8260B	AIC	J
Acrylonitrile	100	1.6	160	**160**	ug/L	U	SW8260B		J
Benzene	100	0.30	30	**30**	ug/L	U	SW8260B		J
Bromochloromethane	100	0.39	39	**39**	ug/L	U	SW8260B		J
Bromodichloromethane	100	0.29	29	**29**	ug/L	U	SW8260B		J
Bromoform	100	0.25	25	**25**	ug/L	U	SW8260B	AIC	J
Bromomethane	100	0.47	47	**47**	ug/L	U	SW8260B		J
Carbon Disulfide	100	0.41	41	**41**	ug/L	U	SW8260B		J
Carbon Tetrachloride	100	0.39	39	**39**	ug/L	U	SW8260B		J
Chlorobenzene	100	0.31	31	**31**	ug/L	U	SW8260B		J
Chloroethane	100	0.47	47	**47**	ug/L	U	SW8260B	AIC	J
Chloroform	100	0.41	41	**41**	ug/L	U	SW8260B		J
Chloromethane	100	0.43	43	**43**	ug/L	U	SW8260B		J
Cis-1,2-dichloroethene	100	0.39	39	**39**	ug/L	U	SW8260B		J
Cis-1,3-dichloropropene	100	0.27	27	**27**	ug/L	U	SW8260B		J
Dibromochloromethane	100	0.25	25	**25**	ug/L	U	SW8260B		J
Dibromomethane	100	0.34	34	**34**	ug/L	U	SW8260B		J
Ethylbenzene	100	0.27	27	**27**	ug/L	U	SW8260B		J
Iodomethane	100	0.40	40	**40**	ug/L	U	SW8260B	AIC	J
Methyl ethyl ketone	100	0.25	25	**4000**	ug/L		SW8260B		J
Methylene Chloride	100	0.21	21	**23**	ug/L	i , V	SW8260B		J
Styrene	100	0.25	25	**25**	ug/L	U	SW8260B		J
Tetrachloroethene	100	0.43	43	**43**	ug/L	U	SW8260B		J
Toluene	100	0.29	29	**41**	ug/L	i	SW8260B		J
Trans-1,2-dichloroethene	100	0.50	50	**50**	ug/L	U	SW8260B		J
Trans-1,3-dichloropropene	100	0.25	25	**25**	ug/L	U	SW8260B		J
Trans-1,4-dichloro-2-butene	100	0.52	52	**0.52**	ug/L	U	SW8260B		J
Trichloroethene	100	0.43	43	**43**	ug/L	U	SW8260B		J
Trichlorofluoromethane	100	0.50	50	**50**	ug/L	U	SW8260B		J

Client: Trail Rdge Landfill,Inc. **Report No.:** J033737

Project Name: Trail Ridge Leachate **Date/Time Received:** 7/2/03 14:05

Vinyl Acetate	100	0.31	31	**31**	ug/L	U	SW8260B		J
Vinyl Chloride	100	0.49	49	**49**	ug/L	U	SW8260B		J
Xylenes (Total)	100	0.86	86	**86**	ug/L	U	SW8260B		J

Ethylene Dibromide

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,2-Dibromo-3-chloropropane	1	0.0034	0.0034	**0.0034**	ug/L	U	E504.1		J
Ethylene Dibromide	1	0.0069	0.0069	**0.0069**	ug/L	U	E504.1		J

Field Parameters

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Color/Sheen	1			**BlkShn**			Field		
Conductivity	1			**8400**	µmhos/cm		Field		
Dissolved Oxygen	1			**0.10**	mg/L O2		Field		
pH (Field)	1			**7.31**	pH Units		Field		
Temperature	1			**28**	°C		Field		
Turbidity	1			**46**	NTU		Field		

Miscellaneous Analytes

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Ammonia (as N)	1250	0.019	24	**560**	mg/L		E350.1		T
Bicarbonate Alkalinity (as CaCO3)	1	5.0	5.0	**3100**	mg/L		E310.1		J
Nitrate (as N)	1	0.13	0.13	**0.13**	mg/L	U	SM4500NO3-F		J
Total Chlorides	20	0.50	10	**910**	mg/L		E325.2		J
Total Dissolved Solids	1	10	10	**4000**	mg/L		E160.1		J

Total Metals

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
* Arsenic	5	0.0016	0.0080	**0.021**	mg/L	i	SW6010B		J
Barium	5	0.00076	0.0038	**0.34**	mg/L		SW6010B		J
Beryllium	5	0.000059	0.00030	**0.00089**	mg/L	i	SW6010B		J
Cadmium	5	0.00036	0.0018	**0.0018**	mg/L	U	SW6010B		J
Chromium	5	0.0010	0.0050	**0.046**	mg/L		SW6010B		J
Cobalt	5	0.00025	0.0013	**0.019**	mg/L		SW6010B		J
Copper	5	0.0011	0.0055	**0.025**	mg/L		SW6010B		J
Iron	5	0.019	0.095	**38**	mg/L		SW6010B		J
Lead	5	0.00091	0.0046	**0.0046**	mg/L	U	SW6010B		J
Nickel	5	0.00085	0.0042	**0.092**	mg/L		SW6010B		J
Selenium	5	0.0022	0.011	**0.034**	mg/L	i	SW6010B		J
Silver	5	0.00017	0.00085	**0.0020**	mg/L	i	SW6010B		J
Sodium	5	0.049	0.25	**920**	mg/L		SW6010B		J
Vanadium	5	0.00016	0.00080	**0.028**	mg/L		SW6010B		J
Zinc	5	0.0025	0.013	**0.013**	mg/L	U	SW6010B		J

Total Metals (Hg)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury	1	0.000018	0.000018	**0.000049**	mg/L	i	SW7470A		J

Total Metals (Sb)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Antimony	1	0.0034	0.0034	**0.0034**	mg/L	U	SW7041A		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc.

Report No.: J033737

Project Name: Trail Ridge Leachate

Date/Time Received: 7/2/03 14:05

Total Metals (Tl)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium	1	0.00098	0.00098	**0.00098**	mg/L	U	SW7841		J

Surrogates:	Control Limits	% Recovery	Qual.	Method	Analysis Date	Prep Method	Prep Date	Analys
Tetrachloro-m-xylene	30 - 120	106		E504.1	7/3/2003	METHOD	7/3/2003 11:00:0	MP
1,2-Dichloroethane-d4	80 - 120	108		SW8260B	7/3/2003	SW5030B	7/3/2003 19:10:0	JA
4-Bromofluorobenzene	86 - 115	114		SW8260B	7/3/2003	SW5030B	7/3/2003 19:10:0	JA
Toluene d(8)	88 - 110	106		SW8260B	7/3/2003	SW5030B	7/3/2003 19:10:0	JA

AIC Alternate initial calibration criteria used (mean RSD <15%)

i The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U The compound was analyzed for but not detected.

V Indicates that the analyte was detected in both the sample and the associated method blank.

J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)

T DOH certification #E84589, Compqap #980174 (AEL-Tampa)

* Comment for Arsenic – All analytes for J033737-01 by SW6010B analyzed 7-7-03 due to dilution.

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc.
Project Name: Trail Ridge Leachate

Report No.: J033737
Date/Time Received: 7/2/03 14:05

Lab Code: J033737-02
Client Sample ID: LCS
Site: Leachate
Matrix: Water

Date/Time Sampled: 7/2/2003 10:10
SampleType:
Sampled By: DSA/BR
Shipping Method: Client drop off

Appendix I Volatile Organic Compunds

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,1,1,2-Tetrachloroethane	100	0.27	27	**27**	ug/L	U	SW8260B		J
1,1,1-Trichloroethane	100	0.39	39	**39**	ug/L	U	SW8260B		J
1,1,2,2-Tetrachloroethane	100	0.19	19	**19**	ug/L	U	SW8260B		J
1,1,2-Trichloroethane	100	0.34	34	**34**	ug/L	U	SW8260B		J
1,1-Dichloroethane	100	0.36	36	**36**	ug/L	U	SW8260B		J
1,1-Dichloroethene	100	0.50	50	**50**	ug/L	U	SW8260B		J
1,2,3-Trichloropropane	100	0.33	33	**33**	ug/L	U	SW8260B		J
1,2-Dibromo-3-chloropropane	100	0.55	55	**55**	ug/L	U	SW8260B		J
1,2-Dibromoethane	100	0.25	25	**25**	ug/L	U	SW8260B		J
1,2-Dichlorobenzene	100	0.28	28	**28**	ug/L	U	SW8260B		J
1,2-Dichloroethane	100	0.36	36	**36**	ug/L	U	SW8260B		J
1,2-Dichloropropane	100	0.30	30	**30**	ug/L	U	SW8260B		J
1,3-Dichloropropene (Total)	100	0.52	52	**52**	ug/L	U	SW8260B		J
1,4-Dichlorobenzene	100	0.30	30	**30**	ug/L	U	SW8260B		J
2-Hexanone (MBK)	100	0.27	27	**27**	ug/L	U	SW8260B		J
4-Methyl-2-pentanone (MIBK)	100	0.35	35	**35**	ug/L	U	SW8260B		J
Acetone	100	0.71	71	**1500**	ug/L		SW8260B	AIC	J
Acrylonitrile	100	1.6	160	**160**	ug/L	U	SW8260B		J
Benzene	100	0.30	30	**30**	ug/L	U	SW8260B		J
Bromochloromethane	100	0.39	39	**39**	ug/L	U	SW8260B		J
Bromodichloromethane	100	0.29	29	**29**	ug/L	U	SW8260B		J
Bromoform	100	0.25	25	**25**	ug/L	U	SW8260B	AIC	J
Bromomethane	100	0.47	47	**47**	ug/L	U	SW8260B		J
Carbon Disulfide	100	0.41	41	**41**	ug/L	U	SW8260B		J
Carbon Tetrachloride	100	0.39	39	**39**	ug/L	U	SW8260B		J
Chlorobenzene	100	0.31	31	**31**	ug/L	U	SW8260B		J
Chloroethane	100	0.47	47	**47**	ug/L	U	SW8260B	AIC	J
Chloroform	100	0.41	41	**41**	ug/L	U	SW8260B		J
Chloromethane	100	0.43	43	**43**	ug/L	U	SW8260B		J
Cis-1,2-dichloroethene	100	0.39	39	**39**	ug/L	U	SW8260B		J
Cis-1,3-dichloropropene	100	0.27	27	**27**	ug/L	U	SW8260B		J
Dibromochloromethane	100	0.25	25	**25**	ug/L	U	SW8260B		J
Dibromomethane	100	0.34	34	**34**	ug/L	U	SW8260B		J
Ethylbenzene	100	0.27	27	**27**	ug/L	U	SW8260B		J
Iodomethane	100	0.40	40	**40**	ug/L	U	SW8260B	AIC	J
Methyl ethyl ketone	100	0.25	25	**2100**	ug/L		SW8260B		J
Methylene Chloride	100	0.21	21	**25**	ug/L	i , V	SW8260B		J
Styrene	100	0.25	25	**25**	ug/L	U	SW8260B		J
Tetrachloroethene	100	0.43	43	**43**	ug/L	U	SW8260B		J
Toluene	100	0.29	29	**29**	ug/L	U	SW8260B		J
Trans-1,2-dichloroethene	100	0.50	50	**50**	ug/L	U	SW8260B		J
Trans-1,3-dichloropropene	100	0.25	25	**25**	ug/L	U	SW8260B		J
Trans-1,4-dichloro-2-butene	100	0.52	52	**0.52**	ug/L	U	SW8260B		J
Trichloroethene	100	0.43	43	**43**	ug/L	U	SW8260B		J
Trichlorofluoromethane	100	0.50	50	**50**	ug/L	U	SW8260B		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033737

Project Name: Trail Ridge Leachate **Date/Time Received:** 7/2/03 14:05

Vinyl Acetate	100	0.31	31	**31**	ug/L	U	SW8260B		J
Vinyl Chloride	100	0.49	49	**49**	ug/L	U	SW8260B		J
Xylenes (Total)	100	0.86	86	**86**	ug/L	U	SW8260B		J

Ethylene Dibromide

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,2-Dibromo-3-chloropropane	1	0.0034	0.0034	**0.0034**	ug/L	U	E504.1		J
Ethylene Dibromide	1	0.0069	0.0069	**0.0069**	ug/L	U	E504.1		J

Field Parameters

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Color/Sheen	1			**BlkShn**			Field		
Conductivity	1			**9700**	µmhos/cm		Field		
Dissolved Oxygen	1			**0**	mg/L O2		Field		
pH (Field)	1			**7.31**	pH Units		Field		
Temperature	1			**28**	°C		Field		
Turbidity	1			**1000**	NTU		Field		

Miscellaneous Analytes

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Ammonia (as N)	1250	0.019	24	**750**	mg/L		E350.1		T
Bicarbonate Alkalinity (as CaCO3)	1	5.0	5.0	**11000**	mg/L		E310.1		J
Nitrate (as N)	1	0.13	0.13	**0.13**	mg/L	U	SM4500NO3-F		
Total Chlorides	20	0.50	10	**980**	mg/L		E325.2		J
Total Dissolved Solids	1	10	10	**3500**	mg/L		E160.1		J

Total Metals

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
* Arsenic	2	0.0080	0.016	**1.7**	mg/L		SW6010B		J
Barium	2	0.0038	0.0076	**6.8**	mg/L		SW6010B		J
Beryllium	2	0.00030	0.00060	**0.011**	mg/L		SW6010B		J
Cadmium	2	0.00036	0.00072	**0.0036**	mg/L		SW6010B		J
Chromium	2	0.0050	0.010	**1.3**	mg/L		SW6010B		J
Cobalt	2	0.0013	0.0026	**1.1**	mg/L		SW6010B		J
Copper	2	0.0055	0.011	**11**	mg/L		SW6010B		J
Iron	5	0.095	0.48	**4100**	mg/L		SW6010B		J
Lead	2	0.0046	0.0092	**0.56**	mg/L		SW6010B		J
Nickel	2	0.0043	0.0086	**2.3**	mg/L		SW6010B		J
Selenium	2	0.011	0.022	**0.20**	mg/L		SW6010B		J
Silver	2	0.00085	0.0017	**0.0017**	mg/L	U	SW6010B		J
Sodium	2	0.25	0.50	**1100**	mg/L		SW6010B		J
Vanadium	2	0.00080	0.0016	**1.5**	mg/L		SW6010B		J
Zinc	2	0.013	0.026	**6.4**	mg/L		SW6010B		J

Total Metals (Hg)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury	10	0.000018	0.00018	**0.017**	mg/L		SW7470A		J

Total Metals (Sb)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Antimony	5	0.0034	0.017	**0.017**	mg/L	U	SW7041A		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033737

Project Name: Trail Ridge Leachate **Date/Time Received:** 7/2/03 14:05

Total Metals (Tl)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium	5	0.00098	0.0049	**0.0049**	mg/L	U	SW7841		J

Surrogates:	Control Limits	% Recovery	Qual.	Method	Analysis Date	Prep Method	Prep Date	Analys
Tetrachloro-m-xylene	30 - 120	75		E504.1	7/3/2003	METHOD	7/3/2003 11:00:0	MP
1,2-Dichloroethane-d4	80 - 120	106		SW8260B	7/3/2003	SW5030B	7/3/2003 19:10:0	JA
4-Bromofluorobenzene	86 - 115	116	J4	SW8260B	7/3/2003	SW5030B	7/3/2003 19:10:0	JA
Toluene d(8)	88 - 110	106		SW8260B	7/3/2003	SW5030B	7/3/2003 19:10:0	JA

AIC Alternate initial calibration criteria used (mean RSD <15%)

i The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

J4 The sample matrix interfered with the ability to make an accurate determination.

U The compound was analyzed for but not detected.

V Indicates that the analyte was detected in both the sample and the associated method blank.

J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)

T DOH certification #E84589, Compqap #980174 (AEL-Tampa)

* Comment for Arsenic – All analytes for J033737-02 by SW6010B analyzed 7-7-03 due to dilution.

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc.
Project Name: Trail Ridge Leachate

Report No.: J033737
Date/Time Received: 7/2/03 14:05

Lab Code: J033737-03
Client Sample ID: TB
Site: Trip Blank
Matrix: Water

Date/Time Sampled: 7/2/2003
SampleType:
Sampled By: DSA/BR
Shipping Method: Client drop off

Appendix I Volatile Organic Compunds

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,1,1,2-Tetrachloroethane	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
1,1,1-Trichloroethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
1,1,2,2-Tetrachloroethane	1	0.19	0.19	**0.19**	ug/L	U	SW8260B		J
1,1,2-Trichloroethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
1,1-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,1-Dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
1,2,3-Trichloropropane	1	0.33	0.33	**0.33**	ug/L	U	SW8260B		J
1,2-Dibromo-3-chloropropane	1	0.55	0.55	**0.55**	ug/L	U	SW8260B		J
1,2-Dibromoethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
1,2-Dichlorobenzene	1	0.28	0.28	**0.28**	ug/L	U	SW8260B		J
1,2-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,2-Dichloropropane	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
1,3-Dichloropropene (Total)	1	0.52	0.52	**0.52**	ug/L	U	SW8260B		J
1,4-Dichlorobenzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
2-Hexanone (MBK)	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
4-Methyl-2-pentanone (MIBK)	1	0.35	0.35	**0.35**	ug/L	U	SW8260B		J
Acetone	1	0.71	0.71	**2.2**	ug/L	i	SW8260B	AIC	J
Acrylonitrile	1	1.6	1.6	**1.6**	ug/L	U	SW8260B		J
Benzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
Bromochloromethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Bromodichloromethane	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Bromoform	1	0.25	0.25	**0.25**	ug/L	U	SW8260B	AIC	J
Bromomethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B		J
Carbon Disulfide	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Carbon Tetrachloride	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Chlorobenzene	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Chloroethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B	AIC	J
Chloroform	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Chloromethane	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Cis-1,2-dichloroethene	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Cis-1,3-dichloropropene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Dibromochloromethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Dibromomethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
Ethylbenzene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Iodomethane	1	0.40	0.40	**0.40**	ug/L	U	SW8260B	AIC	J
Methyl ethyl ketone	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Methylene Chloride	1	0.21	0.21	**0.45**	ug/L	i , V	SW8260B		J
Styrene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Tetrachloroethene	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Toluene	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Trans-1,2-dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
Trans-1,3-dichloropropene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Trans-1,4-dichloro-2-butene	1	0.52	0.52	**0.52**	ug/L	U	SW8260B		J
Trichloroethene	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Trichlorofluoromethane	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033737

Project Name: Trail Ridge Leachate **Date/Time Received:** 7/2/03 14:05

Vinyl Acetate	1	0.31	0.31	**0.31**	ug/L	U	SW8260B	J
Vinyl Chloride	1	0.49	0.49	**0.49**	ug/L	U	SW8260B	J
Xylenes (Total)	1	0.86	0.86	**0.86**	ug/L	U	SW8260B	J

Surrogates:	Control Limits	% Recovery	Qual.	Method	Analysis Date	Prep Method	Prep Date	Analys
1,2-Dichloroethane-d4	80 - 120	108		SW8260B	7/3/2003	SW5030B	7/3/2003 19:10:0	JA
4-Bromofluorobenzene	86 - 115	114		SW8260B	7/3/2003	SW5030B	7/3/2003 19:10:0	JA
Toluene d(8)	88 - 110	106		SW8260B	7/3/2003	SW5030B	7/3/2003 19:10:0	JA

AIC Alternate initial calibration criteria used (mean RSD <15%)

i The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U The compound was analyzed for but not detected.

V Indicates that the analyte was detected in both the sample and the associated method blank.

J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033737

Project Name: Trail Ridge Leachate **Date/Time Received:** 7/2/03 14:05

Sample Cross Reference Information

Lab Code: J033737-01 **Site: Leachate**

Client Sample Number: LDSS **Matrix: Water**

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time	Analyst	Prep Batch ID	Prep Date/Time
Ammonia (as N)	E350.1	NONE	wct071403nh3	7/14/2003 12:00	SS		
Appendix I Volatile Organic Compunds	SW8260B	SW5030B	v070303a	7/3/2003 19:10	JA	v070303a	7/3/2003 19:10:0
Bicarbonate Alkalinity (as CaCO3)	E310.1	NONE	WCJ-071103-ALK	7/11/2003 09:30	AA		
Ethylene Dibromide	E504.1	METHOD	sv070303f-edb	7/3/2003 00:13	MP	SV070303-EDB	7/3/2003 11:00:0
Nitrate (as N)	SM4500NO3-F	NONE	WCJ-070303-NITR	7/3/2003 10:55	KDC		
Total Chlorides	E325.2	NONE	WCJ-070803-CL	7/8/2003 09:51	KDC		
Total Dissolved Solids	E160.1	NONE	WCJ-070803-TDS2	7/8/2003 10:35	AGF		
Total Metals	SW6010B	SW3010A	M070303-3010 #3	7/4/2003 22:12	KC	M070303-3010 #3	7/3/2003 09:15:0
Total Metals (Hg)	SW7470A	METHOD	M070803-HG #2	7/8/2003 10:29	TP	M070803-HG #2	7/8/2003 04:30:0
Total Metals (Sb)	SW7041A	SW3020A	M070703-3020SB2	7/8/2003 17:40	KC	M070703-3020 #2	7/7/2003 07:47:0
Total Metals (Tl)	SW7841	SW3020A	M070703-3020TL2	7/9/2003 16:55	KC	M070703-3020 #2	7/7/2003 07:47:0

Lab Code: J033737-02 **Site: Leachate**

Client Sample Number: LCS **Matrix: Water**

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time	Analyst	Prep Batch ID	Prep Date/Time
Ammonia (as N)	E350.1	NONE	wct071403nh3	7/14/2003 12:00	SS		
Appendix I Volatile Organic Compunds	SW8260B	SW5030B	v070303a	7/3/2003 19:10	JA	v070303a	7/3/2003 19:10:0
Bicarbonate Alkalinity (as CaCO3)	E310.1	NONE	WCJ-071103-ALK	7/11/2003 09:30	AA		
Ethylene Dibromide	E504.1	METHOD	sv070303f-edb	7/3/2003 00:13	MP	SV070303-EDB	7/3/2003 11:00:0
Nitrate (as N)	SM4500NO3-F	NONE	WCJ-070303-NITR	7/3/2003 10:55	KDC		
Total Chlorides	E325.2	NONE	WCJ-070803-CL	7/8/2003 09:51	KDC		
Total Dissolved Solids	E160.1	NONE	WCJ-070803-TDS2	7/8/2003 10:35	AGF		
Total Metals	SW6010B	SW3010A	M070303-3010 #3	7/4/2003 22:12	KC	M070303-3010 #3	7/3/2003 09:15:0
Total Metals (Hg)	SW7470A	METHOD	M070803-HG #2	7/8/2003 10:29	TP	M070803-HG #2	7/8/2003 04:30:0
Total Metals (Sb)	SW7041A	SW3020A	M070703-3020SB2	7/8/2003 17:40	KC	M070703-3020 #2	7/7/2003 07:47:0
Total Metals (Tl)	SW7841	SW3020A	M070703-3020TL2	7/9/2003 16:55	KC	M070703-3020 #2	7/7/2003 07:47:0

Lab Code: J033737-03 **Site: Trip Blank**

Client Sample Number: TB **Matrix: Water**

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time	Analyst	Prep Batch ID	Prep Date/Time
Appendix I Volatile Organic Compunds	SW8260B	SW5030B	v070303a	7/3/2003 19:10	JA	v070303a	7/3/2003 19:10:0

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033737

Project Name: Trail Ridge Leachate **Date/Time Received:** 7/2/03 14:05

Quality Assurance Report

Method Blanks

Total Metals

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
M070303-3010 #3	Arsenic	Method Blank	SW6010B	0.0016	0.0016	mg/L	U
M070303-3010 #3	Barium	Method Blank	SW6010B	0.00076	0.00076	mg/L	U
M070303-3010 #3	Beryllium	Method Blank	SW6010B	0.000059	0.000059	mg/L	U
M070303-3010 #3	Cadmium	Method Blank	SW6010B	0.00036	0.00036	mg/L	U
M070303-3010 #3	Chromium	Method Blank	SW6010B	0.0010	0.0010	mg/L	U
M070303-3010 #3	Cobalt	Method Blank	SW6010B	0.00025	0.00025	mg/L	U
M070303-3010 #3	Copper	Method Blank	SW6010B	0.0011	0.0011	mg/L	U
M070303-3010 #3	Iron	Method Blank	SW6010B	0.019	0.019	mg/L	U
M070303-3010 #3	Lead	Method Blank	SW6010B	0.00091	0.00091	mg/L	U
M070303-3010 #3	Nickel	Method Blank	SW6010B	0.00085	0.00085	mg/L	U
M070303-3010 #3	Selenium	Method Blank	SW6010B	0.0022	0.0022	mg/L	U
M070303-3010 #3	Silver	Method Blank	SW6010B	0.00017	0.00017	mg/L	U
M070303-3010 #3	Sodium	Method Blank	SW6010B	0.049	0.049	mg/L	U
M070303-3010 #3	Vanadium	Method Blank	SW6010B	0.00016	0.00016	mg/L	U
M070303-3010 #3	Zinc	Method Blank	SW6010B	0.0025	0.0025	mg/L	U

Total Metals (Sb)

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
M070703-3020SB	Antimony	Method Blank	SW7041A	0.0034	0.0034	mg/L	U

Total Metals (Tl)

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
M070703-3020TL	Thallium	Method Blank	SW7841	0.00098	0.00098	mg/L	U

Total Metals (Hg)

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
M070803-HG #2	Mercury	Method Blank	SW7470A	0.000018	0.000018	mg/L	U

Ethylene Dibromide

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
sv070303f-edb	1,2-Dibromo-3-chloropropane	Method Blank	E504.1	0.0034	0.0034	ug/L	U
sv070303f-edb	Ethylene Dibromide	Method Blank	E504.1	0.0069	0.0069	ug/L	U

Surrogate(s)	Result	Units	% Recovery	Qualifier	Acceptance Limits
Tetrachloro-m-xylene		ug/L			30 - 120

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033737

Project Name: Trail Ridge Leachate **Date/Time Received:** 7/2/03 14:05

Appendix I Volatile Organic Compunds

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
v070303a	1,1,1,2-Tetrachloroethane	Method Blank	SW8260B	0.27	0.27	ug/L	U
v070303a	1,1,1-Trichloroethane	Method Blank	SW8260B	0.39	0.39	ug/L	U
v070303a	1,1,2,2-Tetrachloroethane	Method Blank	SW8260B	0.19	0.19	ug/L	U
v070303a	1,1,2-Trichloroethane	Method Blank	SW8260B	0.34	0.34	ug/L	U
v070303a	1,1-Dichloroethane	Method Blank	SW8260B	0.36	0.36	ug/L	U
v070303a	1,1-Dichloroethene	Method Blank	SW8260B	0.50	0.50	ug/L	U
v070303a	1,2,3-Trichloropropane	Method Blank	SW8260B	0.33	0.33	ug/L	U
v070303a	1,2-Dibromo-3-chloropropane	Method Blank	SW8260B	0.55	0.55	ug/L	U
v070303a	1,2-Dibromoethane	Method Blank	SW8260B	0.20	0.25	ug/L	U
v070303a	1,2-Dichlorobenzene	Method Blank	SW8260B	0.28	0.28	ug/L	U
v070303a	1,2-Dichloroethane	Method Blank	SW8260B	0.36	0.36	ug/L	U
v070303a	1,2-Dichloropropane	Method Blank	SW8260B	0.30	0.30	ug/L	U
v070303a	1,3-Dichloropropene (Total)	Method Blank	SW8260B	0.52	0.52	ug/L	U
v070303a	1,4-Dichlorobenzene	Method Blank	SW8260B	0.30	0.30	ug/L	U
v070303a	2-Hexanone (MBK)	Method Blank	SW8260B	0.27	0.27	ug/L	U
v070303a	4-Methyl-2-pentanone (MIBK)	Method Blank	SW8260B	0.35	0.35	ug/L	U
v070303a	Acetone	Method Blank	SW8260B	0.71	0.71	ug/L	U
v070303a	Acrylonitrile	Method Blank	SW8260B	1.6	1.6	ug/L	U
v070303a	Benzene	Method Blank	SW8260B	0.30	0.30	ug/L	U
v070303a	Bromochloromethane	Method Blank	SW8260B	0.39	0.39	ug/L	U
v070303a	Bromodichloromethane	Method Blank	SW8260B	0.29	0.29	ug/L	U
v070303a	Bromoform	Method Blank	SW8260B	0.25	0.25	ug/L	U
v070303a	Bromomethane	Method Blank	SW8260B	0.47	0.47	ug/L	U
v070303a	Carbon Disulfide	Method Blank	SW8260B	0.41	0.41	ug/L	U
v070303a	Carbon Tetrachloride	Method Blank	SW8260B	0.39	0.39	ug/L	U
v070303a	Chlorobenzene	Method Blank	SW8260B	0.31	0.31	ug/L	U
v070303a	Chloroethane	Method Blank	SW8260B	0.62	0.47	ug/L	U
v070303a	Chloroform	Method Blank	SW8260B	0.41	0.41	ug/L	U
v070303a	Chloromethane	Method Blank	SW8260B	0.43	0.43	ug/L	U
v070303a	Cis-1,2-dichloroethene	Method Blank	SW8260B	0.33	0.39	ug/L	U
v070303a	Cis-1,3-dichloropropene	Method Blank	SW8260B	0.27	0.27	ug/L	U
v070303a	Dibromochloromethane	Method Blank	SW8260B	0.25	0.25	ug/L	U
v070303a	Dibromomethane	Method Blank	SW8260B	0.34	0.34	ug/L	U
v070303a	Ethylbenzene	Method Blank	SW8260B	0.27	0.27	ug/L	U
v070303a	Iodomethane	Method Blank	SW8260B	0.40	0.40	ug/L	U
v070303a	Methyl ethyl ketone	Method Blank	SW8260B	0.25	0.25	ug/L	U
v070303a	Methylene Chloride	Method Blank	SW8260B	0.21	0.25	ug/L	I
v070303a	Styrene	Method Blank	SW8260B	0.25	0.25	ug/L	U
v070303a	Tetrachloroethene	Method Blank	SW8260B	0.43	0.43	ug/L	U
v070303a	Toluene	Method Blank	SW8260B	0.29	0.29	ug/L	U
v070303a	Trans-1,2-dichloroethene	Method Blank	SW8260B	0.50	0.50	ug/L	U
v070303a	Trans-1,3-dichloropropene	Method Blank	SW8260B	0.25	0.25	ug/L	U
v070303a	Trans-1,4-dichloro-2-butene	Method Blank	SW8260B	0.52	1.3	ug/L	U
v070303a	Trichloroethene	Method Blank	SW8260B	0.43	0.43	ug/L	U
v070303a	Trichlorofluoromethane	Method Blank	SW8260B	0.50	0.50	ug/L	U
v070303a	Vinyl Acetate	Method Blank	SW8260B	0.31	0.31	ug/L	U
v070303a	Vinyl Chloride	Method Blank	SW8260B	0.49	0.49	ug/L	U
v070303a	Xylenes (Total)	Method Blank	SW8260B	0.86	0.86	ug/L	U

Surrogate(s)	Result	Units	% Recovery	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4	53	ug/L	106		80 - 120
Toluene d(8)	52	ug/L	104		88 - 110
4-Bromofluorobenzene	57	ug/L	114		86 - 115

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033737

Project Name: Trail Ridge Leachate **Date/Time Received:** 7/2/03 14:05

Miscellaneous Analytes

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
WCJ-070303-NIT	Nitrate (as N)	Method Blank	SM4500NO3-F	0.13	0.13	mg/L	U

Miscellaneous Analytes

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
WCJ-070803-CL	Total Chlorides	Method Blank	E325.2	2.5	0.50	mg/L	U

Miscellaneous Analytes

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
WCJ-070803-TDS	Total Dissolved Solids	Method Blank	E160.1	10	10	mg/L	U

Quality Assurance Qualifiers:

I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U The compound was analyzed for but not detected.

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033737

Project Name: Trail Ridge Leachate **Date/Time Received:** 7/2/03 14:05

Quality Assurance Report

Laboratory Control Spikes

Project #: J033737

QC Batch ID: M070303-3010 #3 **Matrix:** Water **Method:** SW6010B

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Arsenic	0.4	0.43	108	80 - 120	
Barium	0.4	0.42	104	80 - 120	
Beryllium	0.4	0.40	101	80 - 120	
Cadmium	0.4	0.41	102	80 - 120	
Chromium	0.4	0.39	98	80 - 120	
Cobalt	0.4	0.41	101	80 - 120	
Copper	0.4	0.42	105	80 - 120	
Iron	8.4	8.6	103	80 - 120	
Lead	0.4	0.40	101	80 - 120	
Nickel	0.4	0.41	101	80 - 120	
Selenium	0.4	0.42	105	80 - 120	
Silver	0.4	0.40	100	80 - 120	
Sodium	100	100	103	80 - 120	
Vanadium	0.4	0.42	104	80 - 120	
Zinc	0.4	0.40	101	80 - 120	

QC Batch ID: M070703-3020SB2 **Matrix:** Water **Method:** SW7041A

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Antimony	0.02	0.021	103	80 - 120	

QC Batch ID: M070703-3020TL2 **Matrix:** Water **Method:** SW7841

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Thallium	0.02	0.018	91	80 - 120	

QC Batch ID: M070803-HG #2 **Matrix:** Water **Method:** SW7470A

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Mercury	0.002	0.0022	112	85 - 115	

QC Batch ID: sv070303f-edb **Matrix:** Water **Method:** E504.1

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
1,2-Dibromo-3-chloropropane	0.25	0.25	100	65 - 135	
Ethylene Dibromide	0.25	0.23	92	65 - 135	

Surrogate(s)	Result	Units	% Recovery	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	1.0	ug/L	101		30 - 120

LCS Comment:

QC Batch ID: v070303a **Matrix:** Water **Method:** SW8260B

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
1,1-Dichloroethene	20	22	110	39 - 144	
Benzene	20	19	95	46 - 135	
Ethylbenzene	20	20	100	33 - 140	
Tetrachloroethene	20	19	95	24 - 164	
Toluene	20	20	100	44 - 135	
Trichloroethene	20	19	95	55 - 119	

Surrogate(s)	Result	Units	% Recovery	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4	53	ug/L	106		80 - 120
4-Bromofluorobenzene	54	ug/L	108		86 - 115
Toluene d(8)	50	ug/L	100		88 - 110

LCS Comment:

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033737

Project Name: Trail Ridge Leachate **Date/Time Received:** 7/2/03 14:05

QC Batch ID: WCJ-070303-NITR **Matrix:** Water **Method:** SM4500NO3-F

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Nitrate (as N)	1	0.97	97	90 - 110	

QC Batch ID: WCJ-070803-CL **Matrix:** Water **Method:** E325.2

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Total Chlorides	60	59	99	75 - 125	

QC Batch ID: WCJ-070803-TDS2 **Matrix:** Water **Method:** E160.1

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Total Dissolved Solids	300	280	92	75 - 125	

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033737

Project Name: Trail Ridge Leachate **Date/Time Received:** 7/2/03 14:05

Quality Assurance Report

Matrix Spike Recoveries

Project #: J033737

QC Batch ID M070303-3010 #3 Method: SW6010B Matrix: Water **Ref. Sample:** J033736-15 **Client Sample ID:** FB

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Arsenic	0.40	mg/L	0	0.43	0.42	106	104	75 - 125	2.0	
Barium	0.40	mg/L	0	0.42	0.39	104	99	75 - 125	5.7	
Beryllium	0.40	mg/L	0	0.40	0.40	100	99	75 - 125	1.1	
Cadmium	0.40	mg/L	0	0.41	0.40	102	99	75 - 125	2.2	
Chromium	0.40	mg/L	0	0.39	0.38	98	96	75 - 125	2.1	
Cobalt	0.40	mg/L	0	0.40	0.40	101	100	75 - 125	1.1	
Copper	0.40	mg/L	0	0.42	0.40	104	99	75 - 125	4.9	
Iron	8.4	mg/L	0	8.6	8.4	103	100	75 - 125	3.2	
Lead	0.40	mg/L	0.0014	0.40	0.39	100	98	75 - 125	2.0	
Nickel	0.40	mg/L	0	0.41	0.39	101	99	75 - 125	2.8	
Selenium	0.40	mg/L	0	0.43	0.41	106	104	75 - 125	2.8	
Silver	0.40	mg/L	0	0.40	0.39	101	99	75 - 125	2.1	
Sodium	100	mg/L	0	100	98	102	98	75 - 125	3.8	
Vanadium	0.40	mg/L	0	0.41	0.41	104	102	75 - 125	2.0	
Zinc	0.40	mg/L	0	0.40	0.38	100	95	75 - 125	5.1	

QC Batch ID M070703-3020SB2 Method: SW7041A Matrix: Water **Ref. Sample:** J033736-15 **Client Sample ID:** FB

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Antimony	0.020	mg/L	0	0.016	0.018	81	90	80 - 120	11	

QC Batch ID M070703-3020TL2 Method: SW7841 Matrix: Water **Ref. Sample:** J033736-15 **Client Sample ID:** FB

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Thallium	0.020	mg/L	0	0.019	0.018	93	90	80 - 120	2.5	

QC Batch ID M070803-HG #2 Method: SW7470A Matrix: Water **Ref. Sample:** T035613-01 **Client Sample ID:** Outfall-001

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Mercury	0.0020	mg/L	0.000044	0.0024	0.0024	118	119	70 - 130	1.0	

QC Batch ID sv070303f-edb Method: E504.1 Matrix: Water **Ref. Sample:** J033492-01 **Client Sample ID:** SW-2

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
1,2-Dibromo-3-chloropropane	1.0	ug/L	0	0.83	0.80	83	80	65 - 135	3.9	
Ethylene Dibromide	*1.0*	*ug/L*	*0*	*0.83*	*0.87*	*83*	*87*	*65 - 135*	*4.2*	

Surrogate	MS %R	MSD %R	MS/MSD Range	MS Qual	MSD Qual
Tetrachloro-m-xylene	109	80	30 - 120		

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033737

Project Name: Trail Ridge Leachate **Date/Time Received:** 7/2/03 14:05

QC Batch ID v070303a Method: SW8260B Matrix: Water **Ref. Sample:** J033714-01 **Client Sample ID:** SW-2

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
1,1-Dichloroethene	20	ug/L	0	23	22	115	110	39 - 144	4.5	
Benzene	20	ug/L	0	20	20	100	100	46 - 135	0	
Ethylbenzene	20	ug/L	0	21	21	105	105	33 - 140	0	
Tetrachloroethene	20	ug/L	0	20	20	100	100	24 - 164	0	
Toluene	20	ug/L	0	21	21	105	105	44 - 135	0	
Trichloroethene	20	ug/L	0	21	20	105	100	55 - 119	4.9	

Surrogate	MS %R	MSD %R	MS/MSD Range	MS Qual	MSD Qual
1,2-Dichloroethane-d4	106	108	80 - 120		
4-Bromofluorobenzene	106	108	86 - 115		
Toluene d(8)	100	100	88 - 110		

QC Batch ID WCJ-070303-NITR Method: SM4500NO3-F Matrix: Water **Ref. Sample:** J033736-01 **Client Sample ID:** MWB-33S

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Nitrate (as N)	0.50	mg/L	0	0.47	0.48	93	96	90 - 110	3.0	

QC Batch ID WCJ-070803-CL Method: E325.2 Matrix: Water **Ref. Sample:** J033736-01 **Client Sample ID:** MWB-33S

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Total Chlorides	30	mg/L	9.6	41	42	105	108	75 - 125	2.7	

Definitions:

Water matrix refers to all aqueous matrices, including but not limited to, drinking water, wastewater, ground water, surface water, aqueous wastes and leachates
Soil matrix refers to all non-aqueous matrices, including soils, solids, sludges, semi-solids, and non-aqueous waste samples
All results in mg/kg or % are reported in dry weight basis, unless notated otherwise. All results in mg/L are reported in wet weight basis.
MDL Method Detection Limit, without correction for dilution or moisture content
Adjusted Reporting Limit is the MDL accounting for all dilutions and moisture content cacluations.
PQL is defined to be 4 times the MDL, for all results qualified with an 'i' qualifie

The estimated measurements of uncertainty can be provided upon request

This is the last page of the analytical report.

TRAIL RIDGE LANDFILL
GROUNDWATER MONITORING DATA

LABORATORY REPORTS

Advanced
Environmental Laboratories, Inc.

6601 Southpoint Parkway
Jacksonville, Florida 32216
(904) 363-9350
FAX (904) 363-9354

Laboratory Project No./SDG#: **J033705**

Client Name: Trail Rdge Landfill,Inc.

Project ID: Trail Ridge GW

I. RECEIPT

No Exceptions were encountered.

II. HOLDING TIMES

Preparation. All holding times were met.

Analysis. All holding times were met.

III. METHOD

Analysis: SW8260B

Preparation: SW5030B

IV. PREPARATION

Sample preparation proceeded normally.

V. ANALYSIS

A. Calibration All acceptance criteria were met. The following compounds utilized the alternate initial calibration criteria, as defined by the method; chloroethane, acetone, bromoform, and iodomethane. Those compounds are qualified with an 'AIC' qualifier on the report.

B. Blanks: For analytical batch V070103A, the method blank that was reported had a carryover contamination for tetrachloroethene that was a direct result of the client sample analyzed before it, which was extremely high in its concentration of tetrachloroethene. The result of 39 ug/L reported was not an accurate value of what was in the method blank as a result. The instrument blank should have been reported as a truer identifier of the actual concentration. This problem was identified by the analysts, but it was not corrected within the LIMS system. The samples in this analytical batch should have been qualified with a 'V' qualifier to signify there was carryover contamination in the method blank, which was sustained throughout the entire analytical run. This batch contained samples J033705-1 through J033705-11.
For analytical batch V070203A, the method blank still exhibited low-level contamination at a level of 0.95 ug/L for tetrachloroethene. This was still a direct result of the high concentration of analyte from the sample analyzed in the above mentioned analytical batch.
In light of the low level contamination present throughout the analytical runs, the concentrations reported for tetrachloroethene in all of the samples are not actual concentrations in the sample, but rather are due to carryover contamination present in the purge and trap system of the instrument.
For both analytical batches above, there were low-level concentrations of acetone present in most of the samples. The levels reported are consistent with the background levels present in the laboratory due to the fact acetone is a commonly used lab solvent. The method blanks did not detect any concentrations of acetone for the batches in questions, but based upon historical numbers of acetone throughout the laboratory, any concentration under 10ug/L should be viewed as suspect to lab contamination and not an actual concentration in the sample.

C. Surrogates: All acceptance criteria were met except for 4-Bromofluorobenzene on J033075-21, which was 116% - the upper control limit is 115%. Since there were no detected concentrations in this sample, the data was accepted.

D. Spikes: All acceptance criteria were met. For batch V070103A, the tetrachloroethene in the sample spiked was greater than 4 times the spike amount, so the recovery for the matrix spikes were not calculated for tetrachloroethene and no qualifiers were applied. For batch V070203A, all acceptance criteria were met.

E. Internal Standard All acceptance criteria were met.

F. Samples: The samples were analyzed with a batch of samples from another client project that were high in concentrations of tetrachloroethene. This affected all of the results reported for positive concentrations of tetrachlorethene in the samples in this project, as described above. All of the values reported are less than the MCL of 3 ug/L for tetrachloroethene in ground water, but are not actual concentrations in the samples due to the carryover contamination mentioned above.

G. Other: Due to the errors that were present in the reporting of the volatile organics that occurred with this report, AEL has implemented corrective actions to ensure this type of situation does not occur in the future. The corrective action report is in a separate report attached to this case narrative.

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I certify that this data package is in compliance with the terms and conditions agreed to by Advanced Environmental Laboratories, Inc. and by the client, both technically and for completeness, except for the conditions detailed above. The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hard copy data package and in the computer-readable data submitted on diskette:

Signature Not Verified

Sean C. Hyde

Digitally signed by Sean C. Hyde
DN: cn=Sean C. Hyde, o=Advanced Environmental Labs, Inc., ou=Laboratory Manager, c=US
Date: 2003.09.12 10:06:31 -04'00'

Sean C. Hyde, Technical Director

Advanced
Environmental Laboratories, Inc.

6601 Southpoint Parkway
Jacksonville, FL 32216
(904) 363-9350
(Fax) (904) 363-9354

September 11, 2003

Trail Ridge Landfill, Inc.
5110 U.S. Highway 301
Baldwin, FL 32234

Attention: Linda Hair

RE: Corrective Actions for Data Reported for the Volatile Organics Compounds in AEL Project # J033705.

In light of the situations described in the case narrative, AEL has implemented some corrective actions to ensure the situation described does not occur for any future report and the highest quality of analytical results will be reported to all clients.

1. The method blank will be analyzed in a different order of the analytical sequence to limit the possibility of carryover contamination from a previous sample. This would have eliminated the possibility of reporting a method blank with an erroneously high value of a compound.
2. In the future, all samples with any possibility of contamination – either lab or carryover contamination will be reanalyzed regardless of whether they are above or below the MCL, to make sure that only the most accurate, legitimate concentrations are reported for every parameter.
3. A more thorough review process by the project manager will be implemented for all future projects, possibly including detailed case narratives for any discrepancies found, if warranted. This will be facilitated by creating a query to obtain all detected values in the report and verify their accuracy before approving the final report.
4. The documentation of what transpires with each sample in house will be more thorough and reviewed more closely by upper management to ensure nothing blatantly wrong is overlooked and reported to the client. This will include a non-conformity process where any deviation from normal procedures will require a signature of approval from either the Technical Director or Quality Assurance Officer. This will eliminate any decision affecting data validity being made by the analysts and project managers without approval form upper management.
5. The QA Officer will review a higher percentage of projects before releasing the data to the clients to perform quality checks on the data being reported for accuracy and validity.

AEL sincerely regrets the errors that occurred in the report submitted. An amended report will be provided with the V qualifier being added to the tetrachloroethene concentrations to signify the values are not actual concentrations in the samples. The case narrative will be

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included in the amended report as well. With the corrective actions detailed above, it is the belief of AEL that these types of errors can be avoided in the future.

If there are any questions, or any further information is required, please let me know and I will be glad to be of any assistance needed.

Sincerely,

Sean C. Hyde

Digitally signed by Sean C. Hyde
DN: cn=Sean C. Hyde, o=Advanced Environmental Labs, Inc., ou=Laboratory Manager, c=US
Date: 2003.09.12 10:03:59 -04'00'

Signature Not Verified

Sean C. Hyde
Technical Director
Advanced Environmental Laboratories, Inc.

Advanced
Environmental Laboratories, Inc.

6601 Southpoint Parkway
Jacksonville, Florida 32216
(904) 363-9350
FAX (904) 363-9354

Client:	Trail Rdge Landfill,Inc.	**Report No.:**	J033705
Project Name:	Trail Ridge GW	**Date Sampled:**	7/1/2003
Project Number:		**Date Received:**	7/1/03 16:15
		Date Reported:	7/21/2003

Attention: Linda Hair
Phone Number: 9042899100

Address: 5110 Hwy 301 S.

Baldwin, Florida 32234

REVISED REPORT

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: Trail Ridge GW

Approved By: ? Paul Gunsaulies

Paul Gunsaulies, Project Manager

If you have any questions, the above named should be contacted.

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 = 79 + Case Narrative + 23 COC

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc.
Project Name: Trail Ridge GW

Report No.: J033705
Date/Time Received: 7/1/03 16:15

Lab Code: J033705-01
Client Sample ID: MWB-29D
Site: Monitoring Well
Matrix: Water
SampleType:

Date/Time Sampled: 7/1/2003 11:08
Shipping Method: AEL
Sampled By: DSA/BR
Sampling Method: G

Appendix I Volatile Organic Compunds

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,1,1,2-Tetrachloroethane	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
1,1,1-Trichloroethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
1,1,2,2-Tetrachloroethane	1	0.19	0.19	**0.19**	ug/L	U	SW8260B		J
1,1,2-Trichloroethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
1,1-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,1-Dichloroethene	1	0.50	0.50	**2.3**	ug/L		SW8260B		J
1,2,3-Trichloropropane	1	0.33	0.33	**0.33**	ug/L	U	SW8260B		J
1,2-Dibromo-3-chloropropane	1	0.55	0.55	**0.55**	ug/L	U	SW8260B		J
1,2-Dibromoethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
1,2-Dichlorobenzene	1	0.28	0.28	**0.28**	ug/L	U	SW8260B		J
1,2-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,2-Dichloropropane	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
1,3-Dichloropropene (Total)	1	0.52	0.52	**0.52**	ug/L	U	SW8260B		J
1,4-Dichlorobenzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
2-Hexanone (MBK)	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
4-Methyl-2-pentanone (MIBK)	1	0.35	0.35	**0.35**	ug/L	U	SW8260B		J
Acetone	1	0.71	0.71	**0.71**	ug/L	U	SW8260B	AIC	J
Acrylonitrile	1	1.6	1.6	**1.6**	ug/L	U	SW8260B		J
Benzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
Bromochloromethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Bromodichloromethane	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Bromoform	1	0.25	0.25	**0.25**	ug/L	U	SW8260B	AIC	J
Bromomethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B		J
Carbon Disulfide	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Carbon Tetrachloride	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Chlorobenzene	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Chloroethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B	AIC	J
Chloroform	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Chloromethane	1	0.43	0.43	**0.87**	ug/L	i	SW8260B		J
Cis-1,2-dichloroethene	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Cis-1,3-dichloropropene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Dibromochloromethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Dibromomethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
Ethylbenzene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Iodomethane	1	0.40	0.40	**0.40**	ug/L	U	SW8260B	AIC	J
Methyl ethyl ketone	1	0.25	0.25	**2.6**	ug/L		SW8260B		J
Methylene Chloride	1	0.21	0.21	**0.21**	ug/L	U	SW8260B		J
Styrene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Tetrachloroethene	1	0.43	0.43	**2.3**	ug/L	V	SW8260B		J
Toluene	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Trans-1,2-dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
Trans-1,3-dichloropropene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Trans-1,4-dichloro-2-butene	1	0.52	0.52	**1.3**	ug/L	U	SW8260B		J
Trichloroethene	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Trichlorofluoromethane	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033705

Project Name: Trail Ridge GW **Date/Time Received:** 7/1/03 16:15

Vinyl Acetate	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Vinyl Chloride	1	0.49	0.49	**0.49**	ug/L	U	SW8260B		J
Xylenes (Total)	1	0.86	0.86	**0.86**	ug/L	U	SW8260B		J

Ethylene Dibromide

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,2-Dibromo-3-chloropropane	1	0.0034	0.0034	**0.0034**	ug/L	U	E504.1		J
Ethylene Dibromide	1	0.0069	0.0069	**0.0069**	ug/L	U	E504.1		J

Field Parameters

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Color/Sheen	1			None			ır/Sheen Field Me		
Conductivity	1			**74**	µmhos/cm		Field		
Dissolved Oxygen	1			**0.90**	mg/L O2		Field		
pH (Field)	1			**5.73**	pH Units		Field		
Temperature	1			**22**	°C		Field		
Turbidity	1			**1.9**	NTU		Field		

Miscellaneous Analytes

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Ammonia (as N)	1	0.020	0.020	**0.25**	mg/L		E350.1		T
Nitrate (as N)	1	0.13	0.13	**0.13**	mg/L	U	SM4500NO3-F		J
Total Chlorides	1	0.50	0.50	**4.6**	mg/L		E325.2		J

TDS

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Total Dissolved Solids	1	10	10	**77**	mg/L		E160.1		J

Total Metals

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic	1	0.0016	0.0016	**0.0016**	mg/L	U	SW6010B		J
Barium	1	0.00076	0.00076	**0.059**	mg/L		SW6010B		J
Beryllium	1	0.000059	0.000059	**0.000059**	mg/L	U	SW6010B		J
Cadmium	1	0.00036	0.00036	**0.00036**	mg/L	U	SW6010B		J
Chromium	1	0.0010	0.0010	**0.0010**	mg/L	U	SW6010B		J
Cobalt	1	0.00025	0.00025	**0.00025**	mg/L	U	SW6010B		J
Copper	1	0.0011	0.0011	**0.0011**	mg/L	U	SW6010B		J
Iron	1	0.019	0.019	**1.1**	mg/L		SW6010B		J
Lead	1	0.00091	0.00091	**0.00091**	mg/L	U	SW6010B		J
Nickel	1	0.00085	0.00085	**0.00085**	mg/L	U	SW6010B		J
Selenium	1	0.0022	0.0022	**0.0022**	mg/L	U	SW6010B		J
Silver	1	0.00017	0.00017	**0.00017**	mg/L	U	SW6010B		J
Sodium	1	0.049	0.049	**3.3**	mg/L		SW6010B		J
Vanadium	1	0.00016	0.00016	**0.0011**	mg/L		SW6010B		J
* Zinc	1	0.0025	0.0025	**0.0025**	mg/L	U	SW6010B		J

Total Metals (Hg)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury	1	0.000018	0.000018	**0.000018**	mg/L	U	SW7470A		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033705

Project Name: Trail Ridge GW **Date/Time Received:** 7/1/03 16:15

Total Metals (Sb)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
* Antimony	1	0.0034	0.0034	**0.0034**	mg/L	U , J4	SW7041A		J

Total Metals (Tl)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium	1	0.00098	0.00098	**0.00098**	mg/L	U	SW7841		J

Surrogates:	Control Limits	% Recovery	Qual.	Method	Prep Method
Tetrachloro-m-xylene	30 - 120	68		E504.1	METHOD
1,2-Dichloroethane-d4	80 - 120	106		SW8260B	SW5030B
4-Bromofluorobenzene	86 - 115	112		SW8260B	SW5030B
Toluene d(8)	88 - 110	104		SW8260B	SW5030B

AIC Alternate initial calibration criteria used (mean RSD <15%)

i The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

J4 The sample matrix interfered with the ability to make an accurate determination.

U The compound was analyzed for but not detected.

V Indicates that the analyte was detected in both the sample and the associated method blank.

J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)

T DOH certification #E84589, Compqap #980174 (AEL-Tampa)

* Comment for Antimony – J4 qualifier due to matrix spike recovery 124%, matrix spike duplicate recovery 134% for this sample.

* Comment for Zinc – Analyzed 7-3-03 15:07 due to reanalysis.

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc.
Project Name: Trail Ridge GW

Report No.: J033705
Date/Time Received: 7/1/03 16:15

Lab Code: J033705-02
Client Sample ID: MWB-2I
Site: Monitoring Well
Matrix: Water
SampleType:

Date/Time Sampled: 7/1/2003 10:47
Shipping Method: AEL
Sampled By: DSA/BR
Sampling Method: G

Appendix I Volatile Organic Compunds

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,1,1,2-Tetrachloroethane	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
1,1,1-Trichloroethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
1,1,2,2-Tetrachloroethane	1	0.19	0.19	**0.19**	ug/L	U	SW8260B		J
1,1,2-Trichloroethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
1,1-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,1-Dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
1,2,3-Trichloropropane	1	0.33	0.33	**0.33**	ug/L	U	SW8260B		J
1,2-Dibromo-3-chloropropane	1	0.55	0.55	**0.55**	ug/L	U	SW8260B		J
1,2-Dibromoethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
1,2-Dichlorobenzene	1	0.28	0.28	**0.28**	ug/L	U	SW8260B		J
1,2-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,2-Dichloropropane	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
1,3-Dichloropropene (Total)	1	0.52	0.52	**0.52**	ug/L	U	SW8260B		J
1,4-Dichlorobenzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
2-Hexanone (MBK)	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
4-Methyl-2-pentanone (MIBK)	1	0.35	0.35	**0.35**	ug/L	U	SW8260B		J
Acetone	1	0.71	0.71	**2.2**	ug/L	i	SW8260B	AIC	J
Acrylonitrile	1	1.6	1.6	**1.6**	ug/L	U	SW8260B		J
Benzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
Bromochloromethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Bromodichloromethane	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Bromoform	1	0.25	0.25	**0.25**	ug/L	U	SW8260B	AIC	J
Bromomethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B		J
Carbon Disulfide	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Carbon Tetrachloride	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Chlorobenzene	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Chloroethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B	AIC	J
Chloroform	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Chloromethane	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Cis-1,2-dichloroethene	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Cis-1,3-dichloropropene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Dibromochloromethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Dibromomethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
Ethylbenzene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Iodomethane	1	0.40	0.40	**0.40**	ug/L	U	SW8260B	AIC	J
Methyl ethyl ketone	1	0.25	0.25	**2.4**	ug/L		SW8260B		J
Methylene Chloride	1	0.21	0.21	**0.21**	ug/L	U	SW8260B		J
Styrene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Tetrachloroethene	1	0.43	0.43	**2.2**	ug/L	, V	SW8260B		J
Toluene	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Trans-1,2-dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
Trans-1,3-dichloropropene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Trans-1,4-dichloro-2-butene	1	0.52	0.52	**1.3**	ug/L	U	SW8260B		J
Trichloroethene	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Trichlorofluoromethane	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033705

Project Name: Trail Ridge GW **Date/Time Received:** 7/1/03 16:15

Vinyl Acetate	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Vinyl Chloride	1	0.49	0.49	**0.49**	ug/L	U	SW8260B		J
Xylenes (Total)	1	0.86	0.86	**0.86**	ug/L	U	SW8260B		J

Ethylene Dibromide

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,2-Dibromo-3-chloropropane	1	0.0034	0.0034	**0.0034**	ug/L	U	E504.1		J
Ethylene Dibromide	1	0.0069	0.0069	**0.0069**	ug/L	U	E504.1		J

Field Parameters

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Color/Sheen	1			None			r/Sheen Field Me		
Conductivity	1			**35**	µmhos/cm		Field		
Dissolved Oxygen	1			**1.1**	mg/L O2		Field		
pH (Field)	1			**4.83**	pH Units		Field		
Temperature	1			**22**	°C		Field		
Turbidity	1			**3.1**	NTU		Field		

Miscellaneous Analytes

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Ammonia (as N)	1	0.020	0.020	**0.22**	mg/L		E350.1		T
Nitrate (as N)	1	0.13	0.13	**0.13**	mg/L	U	SM4500NO3-F		J
Total Chlorides	1	0.50	0.50	**4.6**	mg/L		E325.2		

TDS

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Total Dissolved Solids	1	10	10	**37**	mg/L		E160.1		J

Total Metals

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic	1	0.0016	0.0016	**0.0016**	mg/L	U	SW6010B		J
Barium	1	0.00076	0.00076	**0.019**	mg/L		SW6010B		J
Beryllium	1	0.000059	0.000059	**0.000059**	mg/L	U	SW6010B		J
Cadmium	1	0.00036	0.00036	**0.00036**	mg/L	U	SW6010B		J
Chromium	1	0.0010	0.0010	**0.0010**	mg/L	U	SW6010B		J
Cobalt	1	0.00025	0.00025	**0.00025**	mg/L	U	SW6010B		J
Copper	1	0.0011	0.0011	**0.0011**	mg/L	U	SW6010B		J
Iron	1	0.019	0.019	**0.33**	mg/L		SW6010B		J
Lead	1	0.00091	0.00091	**0.0011**	mg/L	i	SW6010B		J
* Nickel	1	0.00085	0.00085	**0.0036**	mg/L		SW6010B		J
* Selenium	1	0.0022	0.0022	**0.0091**	mg/L	, V	SW6010B		J
Silver	1	0.00017	0.00017	**0.00017**	mg/L	U	SW6010B		J
Sodium	1	0.049	0.049	**3.8**	mg/L		SW6010B		J
Vanadium	1	0.00016	0.00016	**0.00040**	mg/L	i	SW6010B		J
* Zinc	1	0.0025	0.0025	**0.0025**	mg/L	U	SW6010B		J

Total Metals (Hg)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury	1	0.000018	0.000018	**0.000018**	mg/L	U	SW7470A		

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033705

Project Name: Trail Ridge GW **Date/Time Received:** 7/1/03 16:15

Total Metals (Sb)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Antimony	1	0.0034	0.0034	**0.0034**	mg/L	U	SW7041A		J

Total Metals (Tl)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium	1	0.00098	0.00098	**0.00098**	mg/L	U	SW7841		J

Surrogates:	Control Limits	% Recovery	Qual.	Method	Prep Method
Tetrachloro-m-xylene	30 - 120	108		E504.1	METHOD
1,2-Dichloroethane-d4	80 - 120	106		SW8260B	SW5030B
4-Bromofluorobenzene	86 - 115	112		SW8260B	SW5030B
Toluene d(8)	88 - 110	104		SW8260B	SW5030B

AIC Alternate initial calibration criteria used (mean RSD <15%)

i The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U The compound was analyzed for but not detected.

V Indicates that the analyte was detected in both the sample and the associated method blank.

J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)

T DOH certification #E84589, Compqap #980174 (AEL-Tampa)

* Comment for Nickel – Analyzed 7-3-03 15:07 due to reanalysis.

* Comment for Selenium – Analyzed 7-3-03 15:07 due to reanalysis.

* Comment for Zinc – Analyzed 7-3-03 15:07 due to reanalysis.

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc.
Project Name: Trail Ridge GW

Report No.: J033705
Date/Time Received: 7/1/03 16:15

Lab Code: J033705-03
Client Sample ID: MWB-31D
Site: Monitoring Well
Matrix: Water
SampleType:

Date/Time Sampled: 7/1/2003 10:07
Shipping Method: AEL
Sampled By: DSA/BR
Sampling Method: G

Appendix I Volatile Organic Compunds

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,1,1,2-Tetrachloroethane	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
1,1,1-Trichloroethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
1,1,2,2-Tetrachloroethane	1	0.19	0.19	**0.19**	ug/L	U	SW8260B		J
1,1,2-Trichloroethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
1,1-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,1-Dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
1,2,3-Trichloropropane	1	0.33	0.33	**0.33**	ug/L	U	SW8260B		J
1,2-Dibromo-3-chloropropane	1	0.55	0.55	**0.55**	ug/L	U	SW8260B		J
1,2-Dibromoethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
1,2-Dichlorobenzene	1	0.28	0.28	**0.28**	ug/L	U	SW8260B		J
1,2-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,2-Dichloropropane	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
1,3-Dichloropropene (Total)	1	0.52	0.52	**0.52**	ug/L	U	SW8260B		J
1,4-Dichlorobenzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
2-Hexanone (MBK)	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
4-Methyl-2-pentanone (MIBK)	1	0.35	0.35	**0.35**	ug/L	U	SW8260B		J
Acetone	1	0.71	0.71	**1.6**	ug/L	i	SW8260B	AIC	J
Acrylonitrile	1	1.6	1.6	**1.6**	ug/L	U	SW8260B		J
Benzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
Bromochloromethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Bromodichloromethane	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Bromoform	1	0.25	0.25	**0.25**	ug/L	U	SW8260B	AIC	J
Bromomethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B		J
Carbon Disulfide	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Carbon Tetrachloride	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Chlorobenzene	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Chloroethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B	AIC	J
Chloroform	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Chloromethane	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Cis-1,2-dichloroethene	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Cis-1,3-dichloropropene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Dibromochloromethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Dibromomethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
Ethylbenzene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Iodomethane	1	0.40	0.40	**0.40**	ug/L	U	SW8260B	AIC	J
Methyl ethyl ketone	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Methylene Chloride	1	0.21	0.21	**0.21**	ug/L	U	SW8260B		J
Styrene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Tetrachloroethene	1	0.43	0.43	**2.0**	ug/L	, V	SW8260B		J
Toluene	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Trans-1,2-dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
Trans-1,3-dichloropropene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Trans-1,4-dichloro-2-butene	1	0.52	0.52	**1.3**	ug/L	U	SW8260B		J
Trichloroethene	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Trichlorofluoromethane	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J

Client: Trail Rdge Landfill,Inc. **Report No.:** J033705

Project Name: Trail Ridge GW **Date/Time Received:** 7/1/03 16:15

Vinyl Acetate	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Vinyl Chloride	1	0.49	0.49	**0.49**	ug/L	U	SW8260B		J
Xylenes (Total)	1	0.86	0.86	**0.86**	ug/L	U	SW8260B		J

Ethylene Dibromide

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,2-Dibromo-3-chloropropane	1	0.0034	0.0034	**0.0034**	ug/L	U	E504.1		J
Ethylene Dibromide	1	0.0069	0.0069	**0.0069**	ug/L	U	E504.1		J

Field Parameters

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Color/Sheen	1			**None**			r/Sheen Field Me		
Conductivity	1			**370**	µmhos/cm		Field		
Dissolved Oxygen	1			**1.0**	mg/L O2		Field		
pH (Field)	1			**6.95**	pH Units		Field		
Temperature	1			**22**	°C		Field		
Turbidity	1			**5.0**	NTU		Field		

Miscellaneous Analytes

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Ammonia (as N)	1	0.020	0.020	**0.40**	mg/L		E350.1		T
Nitrate (as N)	1	0.13	0.13	**0.13**	mg/L	U	SM4500NO3-F		J
Total Chlorides	1	0.50	0.50	**3.5**	mg/L		E325.2		J

TDS

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Total Dissolved Solids	1	10	10	**220**	mg/L		E160.1		J

Total Metals

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic	1	0.0016	0.0016	**0.0016**	mg/L	U	SW6010B		J
Barium	1	0.00076	0.00076	**0.098**	mg/L		SW6010B		J
Beryllium	1	0.000059	0.000059	**0.00019**	mg/L	i	SW6010B		J
Cadmium	1	0.00036	0.00036	**0.00036**	mg/L	U	SW6010B		J
Chromium	1	0.0010	0.0010	**0.0011**	mg/L	i	SW6010B		J
Cobalt	1	0.00025	0.00025	**0.00067**	mg/L	i	SW6010B		J
Copper	1	0.0011	0.0011	**0.0015**	mg/L	i	SW6010B		J
Iron	1	0.019	0.019	**0.74**	mg/L		SW6010B		J
Lead	1	0.00091	0.00091	**0.00091**	mg/L	U	SW6010B		J
Nickel	1	0.00085	0.00085	**0.00085**	mg/L	U	SW6010B		J
* Selenium	1	0.0022	0.0022	**0.0089**	mg/L	, V	SW6010B		J
Silver	1	0.00017	0.00017	**0.00017**	mg/L	U	SW6010B		J
Sodium	1	0.049	0.049	**6.0**	mg/L		SW6010B		J
Vanadium	1	0.00016	0.00016	**0.00066**	mg/L		SW6010B		J
Zinc	1	0.0025	0.0025	**0.0025**	mg/L	U	SW6010B		J

Total Metals (Hg)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury	1	0.000018	0.000018	**0.000018**	mg/L	U	SW7470A		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033705

Project Name: Trail Ridge GW **Date/Time Received:** 7/1/03 16:15

Total Metals (Sb)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Antimony	1	0.0034	0.0034	**0.0034**	mg/L	U	SW7041A		J

Total Metals (Tl)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium	1	0.00098	0.00098	**0.00098**	mg/L	U	SW7841		J

Surrogates:	Control Limits	% Recovery	Qual.	Method	Prep Method
Tetrachloro-m-xylene	30 - 120	70		E504.1	METHOD
1,2-Dichloroethane-d4	80 - 120	106		SW8260B	SW5030B
4-Bromofluorobenzene	86 - 115	112		SW8260B	SW5030B
Toluene d(8)	88 - 110	104		SW8260B	SW5030B

AIC Alternate initial calibration criteria used (mean RSD <15%)

i The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U The compound was analyzed for but not detected.

V Indicates that the analyte was detected in both the sample and the associated method blank.

J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)

T DOH certification #E84589, Compqap #980174 (AEL-Tampa)

* Comment for Selenium -- Analyzed 7-3-03 15:07 due to reanalysis.

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc.
Project Name: Trail Ridge GW

Report No.: J033705
Date/Time Received: 7/1/03 16:15

Lab Code: J033705-04
Client Sample ID: MWB-3S
Site: Monitoring Well
Matrix: Water
SampleType:

Date/Time Sampled: 7/1/2003 09:41
Shipping Method: AEL
Sampled By: DSA/BR
Sampling Method: G

Appendix I Volatile Organic Compunds

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,1,1,2-Tetrachloroethane	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
1,1,1-Trichloroethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
1,1,2,2-Tetrachloroethane	1	0.19	0.19	**0.19**	ug/L	U	SW8260B		J
1,1,2-Trichloroethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
1,1-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,1-Dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
1,2,3-Trichloropropane	1	0.33	0.33	**0.33**	ug/L	U	SW8260B		J
1,2-Dibromo-3-chloropropane	1	0.55	0.55	**0.55**	ug/L	U	SW8260B		J
1,2-Dibromoethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
1,2-Dichlorobenzene	1	0.28	0.28	**0.28**	ug/L	U	SW8260B		J
1,2-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,2-Dichloropropane	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
1,3-Dichloropropene (Total)	1	0.52	0.52	**0.52**	ug/L	U	SW8260B		J
1,4-Dichlorobenzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
2-Hexanone (MBK)	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
4-Methyl-2-pentanone (MIBK)	1	0.35	0.35	**0.35**	ug/L	U	SW8260B		J
Acetone	1	0.71	0.71	**2.6**	ug/L	i	SW8260B	AIC	J
Acrylonitrile	1	1.6	1.6	**1.6**	ug/L	U	SW8260B		J
Benzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
Bromochloromethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Bromodichloromethane	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Bromoform	1	0.25	0.25	**0.25**	ug/L	U	SW8260B	AIC	J
Bromomethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B		J
Carbon Disulfide	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Carbon Tetrachloride	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Chlorobenzene	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Chloroethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B	AIC	J
Chloroform	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Chloromethane	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Cis-1,2-dichloroethene	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Cis-1,3-dichloropropene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Dibromochloromethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Dibromomethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
Ethylbenzene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Iodomethane	1	0.40	0.40	**0.40**	ug/L	U	SW8260B	AIC	J
Methyl ethyl ketone	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Methylene Chloride	1	0.21	0.21	**0.21**	ug/L	U	SW8260B		J
Styrene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Tetrachloroethene	1	0.43	0.43	**1.8**	ug/L	, V	SW8260B		J
Toluene	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Trans-1,2-dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
Trans-1,3-dichloropropene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Trans-1,4-dichloro-2-butene	1	0.52	0.52	**1.3**	ug/L	U	SW8260B		J
Trichloroethene	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Trichlorofluoromethane	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033705

Project Name: Trail Ridge GW **Date/Time Received:** 7/1/03 16:15

Vinyl Acetate	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Vinyl Chloride	1	0.49	0.49	**0.49**	ug/L	U	SW8260B		J
Xylenes (Total)	1	0.86	0.86	**0.86**	ug/L	U	SW8260B		J

Ethylene Dibromide

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,2-Dibromo-3-chloropropane	1	0.0034	0.0034	**0.0034**	ug/L	U	E504.1		J
Ethylene Dibromide	1	0.0069	0.0069	**0.0069**	ug/L	U	E504.1		J

Field Parameters

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Color/Sheen	1			None			r/Sheen Field Me		
Conductivity	1			**45**	µmhos/cm		Field		
Dissolved Oxygen	1			**1.5**	mg/L O2		Field		
pH (Field)	1			**4.77**	pH Units		Field		
Temperature	1			**22**	°C		Field		
Turbidity	1			**3.5**	NTU		Field		

Miscellaneous Analytes

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Ammonia (as N)	1	0.020	0.020	**0.16**	mg/L		E350.1		T
Nitrate (as N)	1	0.13	0.13	**0.13**	mg/L	U	SM4500NO3-F		J
Total Chlorides	1	0.50	0.50	**2.6**	mg/L		E325.2		

TDS

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Total Dissolved Solids	1	10	10	**33**	mg/L		E160.1		J

Total Metals

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic	1	0.0016	0.0016	**0.0016**	mg/L	U	SW6010B		J
Barium	1	0.00076	0.00076	**0.011**	mg/L		SW6010B		J
Beryllium	1	0.000059	0.000059	**0.000059**	mg/L	U	SW6010B		J
Cadmium	1	0.00036	0.00036	**0.00036**	mg/L	U	SW6010B		J
Chromium	1	0.0010	0.0010	**0.0010**	mg/L	U	SW6010B		J
Cobalt	1	0.00025	0.00025	**0.00025**	mg/L	U	SW6010B		J
Copper	1	0.0011	0.0011	**0.0011**	mg/L	U	SW6010B		J
Iron	1	0.019	0.019	**0.57**	mg/L		SW6010B		J
Lead	1	0.00091	0.00091	**0.0020**	mg/L	i	SW6010B		J
Nickel	1	0.00085	0.00085	**0.00085**	mg/L	U	SW6010B		J
Selenium	1	0.0022	0.0022	**0.0022**	mg/L	U	SW6010B		J
Silver	1	0.00017	0.00017	**0.00017**	mg/L	U	SW6010B		J
Sodium	1	0.049	0.049	**2.3**	mg/L		SW6010B		J
Vanadium	1	0.00016	0.00016	**0.00080**	mg/L		SW6010B		J
* Zinc	1	0.0025	0.0025	**0.0025**	mg/L	U	SW6010B		J

Total Metals (Hg)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury	1	0.000018	0.000018	**0.000018**	mg/L	U	SW7470A		

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033705

Project Name: Trail Ridge GW **Date/Time Received:** 7/1/03 16:15

Total Metals (Sb)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Antimony	1	0.0034	0.0034	**0.0034**	mg/L	U	SW7041A		J

Total Metals (Tl)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium	1	0.00098	0.00098	**0.00098**	mg/L	U	SW7841		J

Surrogates:	Control Limits	% Recovery	Qual.	Method	Prep Method
Tetrachloro-m-xylene	30 - 120	97		E504.1	METHOD
1,2-Dichloroethane-d4	80 - 120	106		SW8260B	SW5030B
4-Bromofluorobenzene	86 - 115	112		SW8260B	SW5030B
Toluene d(8)	88 - 110	102		SW8260B	SW5030B

AIC Alternate initial calibration criteria used (mean RSD <15%)

i The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U The compound was analyzed for but not detected.

V Indicates that the analyte was detected in both the sample and the associated method blank.

J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)

T DOH certification #E84589, Compqap #980174 (AEL-Tampa)

* Comment for Zinc – Analyzed 7-3-03 15:07 due to reanalysis.

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc.
Project Name: Trail Ridge GW

Report No.: J033705
Date/Time Received: 7/1/03 16:15

Lab Code: J033705-05
Client Sample ID: MWB-7S
Site: Monitoring Well
Matrix: Water
SampleType:

Date/Time Sampled: 7/1/2003 09:15
Shipping Method: AEL
Sampled By: DSA/BR
Sampling Method: G

Appendix I Volatile Organic Compunds

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,1,1,2-Tetrachloroethane	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
1,1,1-Trichloroethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
1,1,2,2-Tetrachloroethane	1	0.19	0.19	**0.19**	ug/L	U	SW8260B		J
1,1,2-Trichloroethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
1,1-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,1-Dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
1,2,3-Trichloropropane	1	0.33	0.33	**0.33**	ug/L	U	SW8260B		J
1,2-Dibromo-3-chloropropane	1	0.55	0.55	**0.55**	ug/L	U	SW8260B		J
1,2-Dibromoethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
1,2-Dichlorobenzene	1	0.28	0.28	**0.28**	ug/L	U	SW8260B		J
1,2-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,2-Dichloropropane	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
1,3-Dichloropropene (Total)	1	0.52	0.52	**0.52**	ug/L	U	SW8260B		J
1,4-Dichlorobenzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
2-Hexanone (MBK)	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
4-Methyl-2-pentanone (MIBK)	1	0.35	0.35	**0.35**	ug/L	U	SW8260B		J
Acetone	1	0.71	0.71	**1.8**	ug/L	i	SW8260B	AIC	J
Acrylonitrile	1	1.6	1.6	**1.6**	ug/L	U	SW8260B		J
Benzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
Bromochloromethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Bromodichloromethane	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Bromoform	1	0.25	0.25	**0.25**	ug/L	U	SW8260B	AIC	J
Bromomethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B		J
Carbon Disulfide	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Carbon Tetrachloride	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Chlorobenzene	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Chloroethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B	AIC	J
Chloroform	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Chloromethane	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Cis-1,2-dichloroethene	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Cis-1,3-dichloropropene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Dibromochloromethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Dibromomethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
Ethylbenzene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Iodomethane	1	0.40	0.40	**0.40**	ug/L	U	SW8260B	AIC	J
Methyl ethyl ketone	1	0.25	0.25	**2.7**	ug/L		SW8260B		J
Methylene Chloride	1	0.21	0.21	**0.21**	ug/L	U	SW8260B		J
Styrene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Tetrachloroethene	1	0.43	0.43	**1.7**	ug/L	i , V	SW8260B		J
Toluene	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Trans-1,2-dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
Trans-1,3-dichloropropene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Trans-1,4-dichloro-2-butene	1	0.52	0.52	**1.3**	ug/L	U	SW8260B		J
Trichloroethene	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Trichlorofluoromethane	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J

Client: Trail Rdge Landfill,Inc. **Report No.:** J033705

Project Name: Trail Ridge GW **Date/Time Received:** 7/1/03 16:15

Vinyl Acetate	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Vinyl Chloride	1	0.49	0.49	**0.49**	ug/L	U	SW8260B		J
Xylenes (Total)	1	0.86	0.86	**0.86**	ug/L	U	SW8260B		J

Dissolved Metals

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic, dissolved	1	0.0016	0.0016	**0.0016**	mg/L	U	SW6010B		J
Barium, dissolved	1	0.00076	0.00076	**0.010**	mg/L		SW6010B		J
Beryllium, dissolved	1	0.000059	0.000059	**0.000059**	mg/L	U	SW6010B		J
Cadmium, dissolved	1	0.00036	0.00036	**0.00036**	mg/L	U	SW6010B		J
Chromium, dissolved	1	0.0010	0.0010	**0.0018**	mg/L	i	SW6010B		J
Cobalt, dissolved	1	0.00025	0.00025	**0.00061**	mg/L	i	SW6010B		J
Copper, dissolved	1	0.0011	0.0011	**0.0011**	mg/L	U	SW6010B		J
Iron, dissolved	1	0.019	0.019	**0.19**	mg/L		SW6010B		J
Lead, dissolved	1	0.00091	0.00091	**0.0012**	mg/L	i	SW6010B		J
Nickel, dissolved	1	0.00085	0.00085	**0.00085**	mg/L	U	SW6010B		J
* Selenium, dissolved	1	0.0022	0.0022	**0.0071**	mg/L	i , V	SW6010B		J
Silver, dissolved	1	0.00017	0.00017	**0.00017**	mg/L	U	SW6010B		J
Sodium, dissolved	1	0.049	0.049	**5.6**	mg/L		SW6010B		J
Vanadium, dissolved	1	0.00016	0.00016	**0.0059**	mg/L		SW6010B		J
Zinc, dissolved	1	0.0025	0.0025	**0.0025**	mg/L	U	SW6010B		J

Dissolved Metals (Hg)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury, dissolved	1	0.000018	0.000018	**0.000018**	mg/L	U	SW7470A		J

Dissolved Metals (Tl)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium, dissolved	1	0.00098	0.00098	**0.0010**	mg/L	i	SW7841		J

Ethylene Dibromide

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,2-Dibromo-3-chloropropane	1	0.0034	0.0034	**0.0034**	ug/L	U	E504.1		J
Ethylene Dibromide	1	0.0069	0.0069	**0.0069**	ug/L	U	E504.1		J

Field Parameters

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Color/Sheen	1			**Brn**			r/Sheen Field Me		
Conductivity	1			**110**	µmhos/cm		Field		
Dissolved Oxygen	1			**1.0**	mg/L O2		Field		
pH (Field)	1			**4.94**	pH Units		Field		
Temperature	1			**27**	°C		Field		
Turbidity	1			**80**	NTU		Field		

Miscellaneous Analytes

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Ammonia (as N)	1	0.020	0.020	**0.52**	mg/L		E350.1		T
Nitrate (as N)	1	0.13	0.13	**0.13**	mg/L	U	SM4500NO3-F		J
Total Chlorides	1	0.50	0.50	**15**	mg/L		E325.2		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033705

Project Name: Trail Ridge GW **Date/Time Received:** 7/1/03 16:15

TDS

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Total Dissolved Solids	1	10	10	**110**	mg/L		E160.1		J

Total Metals

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic	1	0.0016	0.0016	**0.0016**	mg/L	U	SW6010B		J
Barium	1	0.00076	0.00076	**0.011**	mg/L		SW6010B		J
Beryllium	1	0.000059	0.000059	**0.000063**	mg/L	i	SW6010B		J
Cadmium	1	0.00036	0.00036	**0.00036**	mg/L	U	SW6010B		J
Chromium	1	0.0010	0.0010	**0.0028**	mg/L	i	SW6010B		J
Cobalt	1	0.00025	0.00025	**0.00073**	mg/L	i	SW6010B		J
Copper	1	0.0011	0.0011	**0.0011**	mg/L	U	SW6010B		J
Iron	1	0.019	0.019	**0.23**	mg/L		SW6010B		J
Lead	1	0.00091	0.00091	**0.00091**	mg/L	U	SW6010B		J
Nickel	1	0.00085	0.00085	**0.00085**	mg/L	U	SW6010B		J
* Selenium	1	0.0022	0.0022	**0.0071**	mg/L	i , V	SW6010B		J
Silver	1	0.00017	0.00017	**0.00017**	mg/L	U	SW6010B		J
Sodium	1	0.049	0.049	**5.6**	mg/L		SW6010B		J
Vanadium	1	0.00016	0.00016	**0.0071**	mg/L		SW6010B		J
Zinc	1	0.0025	0.0025	**0.0025**	mg/L	U	SW6010B		J

Total Metals (Hg)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury	1	0.000018	0.000018	**0.000033**	mg/L	i	SW7470A		J

Total Metals (Sb)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Antimony	1	0.0034	0.0034	**0.0034**	mg/L	U	SW7041A		J

Total Metals (Tl)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium	1	0.00098	0.00098	**0.00098**	mg/L	U	SW7841		J

Surrogates:	Control Limits	% Recovery	Qual.	Method	Prep Method
Tetrachloro-m-xylene	30 - 120	79		E504.1	METHOD
1,2-Dichloroethane-d4	80 - 120	108		SW8260B	SW5030B
4-Bromofluorobenzene	86 - 115	112		SW8260B	SW5030B
Toluene d(8)	88 - 110	104		SW8260B	SW5030B

AIC Alternate initial calibration criteria used (mean RSD <15%)

i The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U The compound was analyzed for but not detected.

V Indicates that the analyte was detected in both the sample and the associated method blank.

J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)

T DOH certification #E84589, Compqap #980174 (AEL-Tampa)

* Comment for Selenium – Analyzed 7-3-03 15:07 due to reanalysis.

* Comment for Selenium, dissolved – Analyzed 7-3-03 15:07 due to reanalysis.

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033705

Project Name: Trail Ridge GW **Date/Time Received:** 7/1/03 16:15

Lab Code: J033705-06 **Date/Time Sampled:** 7/1/2003 08:55

Client Sample ID: MWB-7D **Shipping Method:** AEL

Site: Monitoring Well **Sampled By:** DSA/BR

Matrix: Water **Sampling Method:** G

SampleType:

Appendix I Volatile Organic Compunds

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,1,1,2-Tetrachloroethane	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
1,1,1-Trichloroethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
1,1,2,2-Tetrachloroethane	1	0.19	0.19	**0.19**	ug/L	U	SW8260B		J
1,1,2-Trichloroethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
1,1-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,1-Dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
1,2,3-Trichloropropane	1	0.33	0.33	**0.33**	ug/L	U	SW8260B		J
1,2-Dibromo-3-chloropropane	1	0.55	0.55	**0.55**	ug/L	U	SW8260B		J
1,2-Dibromoethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
1,2-Dichlorobenzene	1	0.28	0.28	**0.28**	ug/L	U	SW8260B		J
1,2-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,2-Dichloropropane	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
1,3-Dichloropropene (Total)	1	0.52	0.52	**0.52**	ug/L	U	SW8260B		J
1,4-Dichlorobenzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
2-Hexanone (MBK)	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
4-Methyl-2-pentanone (MIBK)	1	0.35	0.35	**0.35**	ug/L	U	SW8260B		J
Acetone	1	0.71	0.71	**0.71**	ug/L	U	SW8260B	AIC	J
Acrylonitrile	1	1.6	1.6	**1.6**	ug/L	U	SW8260B		J
Benzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
Bromochloromethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Bromodichloromethane	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Bromoform	1	0.25	0.25	**0.25**	ug/L	U	SW8260B	AIC	J
Bromomethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B		J
Carbon Disulfide	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Carbon Tetrachloride	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Chlorobenzene	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Chloroethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B	AIC	J
Chloroform	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Chloromethane	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Cis-1,2-dichloroethene	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Cis-1,3-dichloropropene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Dibromochloromethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Dibromomethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
Ethylbenzene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Iodomethane	1	0.40	0.40	**0.40**	ug/L	U	SW8260B	AIC	J
Methyl ethyl ketone	1	0.25	0.25	**2.3**	ug/L		SW8260B		J
Methylene Chloride	1	0.21	0.21	**0.21**	ug/L	U	SW8260B		J
Styrene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Tetrachloroethene	1	0.43	0.43	**1.2**	ug/L	i , V	SW8260B		J
Toluene	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Trans-1,2-dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
Trans-1,3-dichloropropene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Trans-1,4-dichloro-2-butene	1	0.52	0.52	**1.3**	ug/L	U	SW8260B		J
Trichloroethene	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Trichlorofluoromethane	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033705

Project Name: Trail Ridge GW **Date/Time Received:** 7/1/03 16:15

Vinyl Acetate	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Vinyl Chloride	1	0.49	0.49	**0.49**	ug/L	U	SW8260B		J
Xylenes (Total)	1	0.86	0.86	**0.86**	ug/L	U	SW8260B		J

Ethylene Dibromide

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,2-Dibromo-3-chloropropane	1	0.0034	0.0034	**0.0034**	ug/L	U	E504.1		J
Ethylene Dibromide	1	0.0069	0.0069	**0.0069**	ug/L	U	E504.1		J

Field Parameters

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Color/Sheen	1			None			r/Sheen Field Me		
Conductivity	1			**350**	µmhos/cm		Field		
Dissolved Oxygen	1			**0.80**	mg/L O2		Field		
pH (Field)	1			**7.25**	pH Units		Field		
Temperature	1			**22**	°C		Field		
Turbidity	1			**0.90**	NTU		Field		

Miscellaneous Analytes

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Ammonia (as N)	1	0.020	0.020	**0.33**	mg/L		E350.1		T
Nitrate (as N)	1	0.13	0.13	**0.13**	mg/L	U	SM4500NO3-F		J
Total Chlorides	1	0.50	0.50	**2.2**	mg/L		E325.2		

TDS

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Total Dissolved Solids	1	10	10	**200**	mg/L		E160.1		J

Total Metals

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic	1	0.0016	0.0016	**0.0016**	mg/L	U	SW6010B		J
Barium	1	0.00076	0.00076	**0.080**	mg/L		SW6010B		J
Beryllium	1	0.000059	0.000059	**0.00012**	mg/L	i	SW6010B		J
Cadmium	1	0.00036	0.00036	**0.00036**	mg/L	U	SW6010B		J
Chromium	1	0.0010	0.0010	**0.0010**	mg/L	U	SW6010B		J
Cobalt	1	0.00025	0.00025	**0.00025**	mg/L	U	SW6010B		J
Copper	1	0.0011	0.0011	**0.0011**	mg/L	U	SW6010B		J
Iron	1	0.019	0.019	**0.30**	mg/L		SW6010B		J
Lead	1	0.00091	0.00091	**0.00091**	mg/L	U	SW6010B		J
Nickel	1	0.00085	0.00085	**0.00085**	mg/L	U	SW6010B		J
* Selenium	1	0.0022	0.0022	**0.0064**	mg/L	i , V	SW6010B		J
Silver	1	0.00017	0.00017	**0.00017**	mg/L	U	SW6010B		J
Sodium	1	0.049	0.049	**4.2**	mg/L		SW6010B		J
Vanadium	1	0.00016	0.00016	**0.00016**	mg/L	U	SW6010B		J
Zinc	1	0.0025	0.0025	**0.0025**	mg/L	U	SW6010B		J

Total Metals (Hg)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury	1	0.000018	0.000018	**0.000018**	mg/L	U	SW7470A		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033705

Project Name: Trail Ridge GW **Date/Time Received:** 7/1/03 16:15

Total Metals (Sb)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Antimony	1	0.0034	0.0034	**0.0034**	mg/L	U	SW7041A		J

Total Metals (Tl)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium	1	0.00098	0.00098	**0.00098**	mg/L	U	SW7841		J

Surrogates:	Control Limits	% Recovery	Qual.	Method	Prep Method
Tetrachloro-m-xylene	30 - 120	97		E504.1	METHOD
1,2-Dichloroethane-d4	80 - 120	104		SW8260B	SW5030B
4-Bromofluorobenzene	86 - 115	112		SW8260B	SW5030B
Toluene d(8)	88 - 110	104		SW8260B	SW5030B

AIC Alternate initial calibration criteria used (mean RSD <15%)

i The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U The compound was analyzed for but not detected.

V Indicates that the analyte was detected in both the sample and the associated method blank.

J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)

T DOH certification #E84589, Compqap #980174 (AEL-Tampa)

* Comment for Selenium -- Analyzed 7-3-03 15:07 due to reanalysis.

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc.
Project Name: Trail Ridge GW

Report No.: J033705
Date/Time Received: 7/1/03 16:15

Lab Code: J033705-07
Client Sample ID: MWB-7I
Site: Monitoring Well
Matrix: Water
SampleType:

Date/Time Sampled: 7/1/2003 08:32
Shipping Method: AEL
Sampled By: DSA/BR
Sampling Method: G

Appendix I Volatile Organic Compunds

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,1,1,2-Tetrachloroethane	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
1,1,1-Trichloroethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
1,1,2,2-Tetrachloroethane	1	0.19	0.19	**0.19**	ug/L	U	SW8260B		J
1,1,2-Trichloroethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
1,1-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,1-Dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
1,2,3-Trichloropropane	1	0.33	0.33	**0.33**	ug/L	U	SW8260B		J
1,2-Dibromo-3-chloropropane	1	0.55	0.55	**0.55**	ug/L	U	SW8260B		J
1,2-Dibromoethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
1,2-Dichlorobenzene	1	0.28	0.28	**0.28**	ug/L	U	SW8260B		J
1,2-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,2-Dichloropropane	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
1,3-Dichloropropene (Total)	1	0.52	0.52	**0.52**	ug/L	U	SW8260B		J
1,4-Dichlorobenzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
2-Hexanone (MBK)	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
4-Methyl-2-pentanone (MIBK)	1	0.35	0.35	**0.35**	ug/L	U	SW8260B		J
Acetone	1	0.71	0.71	**1.4**	ug/L	i	SW8260B	AIC	J
Acrylonitrile	1	1.6	1.6	**1.6**	ug/L	U	SW8260B		J
Benzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
Bromochloromethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Bromodichloromethane	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Bromoform	1	0.25	0.25	**0.25**	ug/L	U	SW8260B	AIC	J
Bromomethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B		J
Carbon Disulfide	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Carbon Tetrachloride	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Chlorobenzene	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Chloroethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B	AIC	J
Chloroform	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Chloromethane	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Cis-1,2-dichloroethene	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Cis-1,3-dichloropropene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Dibromochloromethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Dibromomethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
Ethylbenzene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Iodomethane	1	0.40	0.40	**0.40**	ug/L	U	SW8260B	AIC	J
Methyl ethyl ketone	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Methylene Chloride	1	0.21	0.21	**0.21**	ug/L	U	SW8260B		J
Styrene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Tetrachloroethene	1	0.43	0.43	**1.1**	ug/L	i , V	SW8260B		J
Toluene	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Trans-1,2-dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
Trans-1,3-dichloropropene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Trans-1,4-dichloro-2-butene	1	0.52	0.52	**1.3**	ug/L	U	SW8260B		J
Trichloroethene	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Trichlorofluoromethane	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033705

Project Name: Trail Ridge GW **Date/Time Received:** 7/1/03 16:15

Vinyl Acetate	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Vinyl Chloride	1	0.49	0.49	**0.49**	ug/L	U	SW8260B		J
Xylenes (Total)	1	0.86	0.86	**0.86**	ug/L	U	SW8260B		J

Ethylene Dibromide

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,2-Dibromo-3-chloropropane	1	0.0034	0.0034	**0.0034**	ug/L	U	E504.1		J
Ethylene Dibromide	1	0.0069	0.0069	**0.0069**	ug/L	U	E504.1		J

Field Parameters

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Color/Sheen	1			**None**			r/Sheen Field Me		
Conductivity	1			**43**	µmhos/cm		Field		
Dissolved Oxygen	1			**1.0**	mg/L O2		Field		
pH (Field)	1			**5.37**	pH Units		Field		
Temperature	1			**23**	°C		Field		
Turbidity	1			**2.8**	NTU		Field		

Miscellaneous Analytes

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Ammonia (as N)	1	0.020	0.020	**0.16**	mg/L		E350.1		T
Nitrate (as N)	1	0.13	0.13	**0.13**	mg/L	U	SM4500NO3-F		J
Total Chlorides	1	0.50	0.50	**3.5**	mg/L		E325.2		J

TDS

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Total Dissolved Solids	1	10	10	**42**	mg/L		E160.1		J

Total Metals

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic	1	0.0016	0.0016	**0.0016**	mg/L	U	SW6010B		J
Barium	1	0.00076	0.00076	**0.057**	mg/L		SW6010B		J
Beryllium	1	0.000059	0.000059	**0.00013**	mg/L	i	SW6010B		J
Cadmium	1	0.00036	0.00036	**0.00036**	mg/L	U	SW6010B		J
Chromium	1	0.0010	0.0010	**0.0010**	mg/L	U	SW6010B		J
Cobalt	1	0.00025	0.00025	**0.00025**	mg/L	U	SW6010B		J
Copper	1	0.0011	0.0011	**0.0011**	mg/L	U	SW6010B		J
Iron	1	0.019	0.019	**0.41**	mg/L		SW6010B		J
Lead	1	0.00091	0.00091	**0.00091**	mg/L	U	SW6010B		J
Nickel	1	0.00085	0.00085	**0.00085**	mg/L	U	SW6010B		J
Selenium	1	0.0022	0.0022	**0.0022**	mg/L	U	SW6010B		J
Silver	1	0.00017	0.00017	**0.00017**	mg/L	U	SW6010B		J
Sodium	1	0.049	0.049	**3.3**	mg/L		SW6010B		J
Vanadium	1	0.00016	0.00016	**0.00084**	mg/L		SW6010B		J
* Zinc	1	0.0025	0.0025	**0.0025**	mg/L	U	SW6010B		J

Total Metals (Hg)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury	1	0.000018	0.000018	**0.000018**	mg/L	U	SW7470A		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033705

Project Name: Trail Ridge GW **Date/Time Received:** 7/1/03 16:15

Total Metals (Sb)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Antimony	1	0.0034	0.0034	**0.0034**	mg/L	U	SW7041A		J

Total Metals (Tl)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium	1	0.00098	0.00098	**0.0018**	mg/L	i	SW7841		J

Surrogates:	Control Limits	% Recovery	Qual.	Method	Prep Method
Tetrachloro-m-xylene	30 - 120	94		E504.1	METHOD
1,2-Dichloroethane-d4	80 - 120	104		SW8260B	SW5030B
4-Bromofluorobenzene	86 - 115	110		SW8260B	SW5030B
Toluene d(8)	88 - 110	104		SW8260B	SW5030B

AIC Alternate initial calibration criteria used (mean RSD <15%)

i The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U The compound was analyzed for but not detected.

V Indicates that the analyte was detected in both the sample and the associated method blank.

J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)

T DOH certification #E84589, Compqap #980174 (AEL-Tampa)

* Comment for Zinc -- Analyzed 7-3-03 15:07 due to reanalysis.

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc.
Project Name: Trail Ridge GW

Report No.: J033705
Date/Time Received: 7/1/03 16:15

Lab Code: J033705-08
Client Sample ID: MWB-19S
Site: Monitoring Well
Matrix: Water
SampleType:

Date/Time Sampled: 7/1/2003 07:53
Shipping Method: AEL
Sampled By: DSA/BR
Sampling Method: G

Appendix I Volatile Organic Compunds

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,1,1,2-Tetrachloroethane	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
1,1,1-Trichloroethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
1,1,2,2-Tetrachloroethane	1	0.19	0.19	**0.19**	ug/L	U	SW8260B		J
1,1,2-Trichloroethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
1,1-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,1-Dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
1,2,3-Trichloropropane	1	0.33	0.33	**0.33**	ug/L	U	SW8260B		J
1,2-Dibromo-3-chloropropane	1	0.55	0.55	**0.55**	ug/L	U	SW8260B		J
1,2-Dibromoethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
1,2-Dichlorobenzene	1	0.28	0.28	**0.28**	ug/L	U	SW8260B		J
1,2-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,2-Dichloropropane	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
1,3-Dichloropropene (Total)	1	0.52	0.52	**0.52**	ug/L	U	SW8260B		J
1,4-Dichlorobenzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
2-Hexanone (MBK)	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
4-Methyl-2-pentanone (MIBK)	1	0.35	0.35	**0.35**	ug/L	U	SW8260B		J
Acetone	1	0.71	0.71	**1.6**	ug/L	i	SW8260B	AIC	J
Acrylonitrile	1	1.6	1.6	**1.6**	ug/L	U	SW8260B		J
Benzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
Bromochloromethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Bromodichloromethane	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Bromoform	1	0.25	0.25	**0.25**	ug/L	U	SW8260B	AIC	J
Bromomethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B		J
Carbon Disulfide	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Carbon Tetrachloride	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Chlorobenzene	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Chloroethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B	AIC	J
Chloroform	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Chloromethane	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Cis-1,2-dichloroethene	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Cis-1,3-dichloropropene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Dibromochloromethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Dibromomethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
Ethylbenzene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Iodomethane	1	0.40	0.40	**0.40**	ug/L	U	SW8260B	AIC	J
Methyl ethyl ketone	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Methylene Chloride	1	0.21	0.21	**0.21**	ug/L	U	SW8260B		J
Styrene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Tetrachloroethene	1	0.43	0.43	**0.85**	ug/L	i , V	SW8260B		J
Toluene	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Trans-1,2-dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
Trans-1,3-dichloropropene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Trans-1,4-dichloro-2-butene	1	0.52	0.52	**1.3**	ug/L	U	SW8260B		J
Trichloroethene	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Trichlorofluoromethane	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J

Client: Trail Rdge Landfill,Inc. **Report No.:** J033705

Project Name: Trail Ridge GW **Date/Time Received:** 7/1/03 16:15

Vinyl Acetate	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Vinyl Chloride	1	0.49	0.49	**0.49**	ug/L	U	SW8260B		J
Xylenes (Total)	1	0.86	0.86	**0.86**	ug/L	U	SW8260B		J

Ethylene Dibromide

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,2-Dibromo-3-chloropropane	1	0.0034	0.0034	**0.0034**	ug/L	U	E504.1		J
Ethylene Dibromide	1	0.0069	0.0069	**0.0069**	ug/L	U	E504.1		J

Field Parameters

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Color/Sheen	1			None			r/Sheen Field Me		
Conductivity	1			**99**	µmhos/cm		Field		
Dissolved Oxygen	1			**0.80**	mg/L O2		Field		
pH (Field)	1			**5.00**	pH Units		Field		
Temperature	1			**25**	°C		Field		
Turbidity	1			**4.6**	NTU		Field		

Miscellaneous Analytes

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Ammonia (as N)	1	0.020	0.020	**0.50**	mg/L		E350.1		T
Nitrate (as N)	1	0.13	0.13	**0.13**	mg/L	U	SM4500NO3-F		J
Total Chlorides	1	0.50	0.50	**9.6**	mg/L		E325.2		

TDS

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Total Dissolved Solids	1	10	10	**85**	mg/L		E160.1		J

Total Metals

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic	1	0.0016	0.0016	**0.0016**	mg/L	U	SW6010B		J
Barium	1	0.00076	0.00076	**0.034**	mg/L		SW6010B		J
Beryllium	1	0.000059	0.000059	**0.000059**	mg/L	U	SW6010B		J
Cadmium	1	0.00036	0.00036	**0.00036**	mg/L	U	SW6010B		J
Chromium	1	0.0010	0.0010	**0.0011**	mg/L	i	SW6010B		J
Cobalt	1	0.00025	0.00025	**0.00025**	mg/L	U	SW6010B		J
Copper	1	0.0011	0.0011	**0.0014**	mg/L	i	SW6010B		J
Iron	1	0.019	0.019	**0.90**	mg/L		SW6010B		J
Lead	1	0.00091	0.00091	**0.00091**	mg/L	U	SW6010B		J
Nickel	1	0.00085	0.00085	**0.00085**	mg/L	U	SW6010B		J
* Selenium	1	0.0022	0.0022	**0.0056**	mg/L	i , V	SW6010B		J
Silver	1	0.00017	0.00017	**0.00017**	mg/L	U	SW6010B		J
Sodium	1	0.049	0.049	**5.1**	mg/L		SW6010B		J
Vanadium	1	0.00016	0.00016	**0.0021**	mg/L		SW6010B		J
* Zinc	1	0.0025	0.0025	**0.0041**	mg/L	i	SW6010B		J

Total Metals (Hg)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury	1	0.000018	0.000018	**0.000018**	mg/L	U	SW7470A		

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033705

Project Name: Trail Ridge GW **Date/Time Received:** 7/1/03 16:15

Total Metals (Sb)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Antimony	1	0.0034	0.0034	**0.0034**	mg/L	U	SW7041A		J

Total Metals (Tl)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium	1	0.00098	0.00098	**0.00098**	mg/L	U	SW7841		J

Surrogates:	Control Limits	% Recovery	Qual.	Method	Prep Method
Tetrachloro-m-xylene	30 - 120	107		E504.1	METHOD
1,2-Dichloroethane-d4	80 - 120	104		SW8260B	SW5030B
4-Bromofluorobenzene	86 - 115	110		SW8260B	SW5030B
Toluene d(8)	88 - 110	102		SW8260B	SW5030B

AIC Alternate initial calibration criteria used (mean RSD <15%)

i The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U The compound was analyzed for but not detected.

V Indicates that the analyte was detected in both the sample and the associated method blank.

J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)

T DOH certification #E84589, Compqap #980174 (AEL-Tampa)

* Comment for Selenium -- Analyzed 7-3-03 15:07 due to reanalysis.

* Comment for Zinc -- Analyzed 7-3-03 15:07 due to reanalysis.

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc.
Project Name: Trail Ridge GW

Report No.: J033705
Date/Time Received: 7/1/03 16:15

Lab Code: J033705-09
Client Sample ID: MWB-19I
Site: Monitoring Well
Matrix: Water
SampleType:

Date/Time Sampled: 7/1/2003 07:34
Shipping Method: AEL
Sampled By: DSA/BR
Sampling Method: G

Appendix I Volatile Organic Compunds

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,1,1,2-Tetrachloroethane	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
1,1,1-Trichloroethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
1,1,2,2-Tetrachloroethane	1	0.19	0.19	**0.19**	ug/L	U	SW8260B		J
1,1,2-Trichloroethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
1,1-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,1-Dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
1,2,3-Trichloropropane	1	0.33	0.33	**0.33**	ug/L	U	SW8260B		J
1,2-Dibromo-3-chloropropane	1	0.55	0.55	**0.55**	ug/L	U	SW8260B		J
1,2-Dibromoethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
1,2-Dichlorobenzene	1	0.28	0.28	**0.28**	ug/L	U	SW8260B		J
1,2-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,2-Dichloropropane	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
1,3-Dichloropropene (Total)	1	0.52	0.52	**0.52**	ug/L	U	SW8260B		J
1,4-Dichlorobenzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
2-Hexanone (MBK)	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
4-Methyl-2-pentanone (MIBK)	1	0.35	0.35	**0.35**	ug/L	U	SW8260B		J
Acetone	1	0.71	0.71	**0.71**	ug/L	U	SW8260B	AIC	J
Acrylonitrile	1	1.6	1.6	**1.6**	ug/L	U	SW8260B		J
Benzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
Bromochloromethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Bromodichloromethane	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Bromoform	1	0.25	0.25	**0.25**	ug/L	U	SW8260B	AIC	J
Bromomethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B		J
Carbon Disulfide	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Carbon Tetrachloride	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Chlorobenzene	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Chloroethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B	AIC	J
Chloroform	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Chloromethane	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Cis-1,2-dichloroethene	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Cis-1,3-dichloropropene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Dibromochloromethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Dibromomethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
Ethylbenzene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Iodomethane	1	0.40	0.40	**0.40**	ug/L	U	SW8260B	AIC	J
Methyl ethyl ketone	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Methylene Chloride	1	0.21	0.21	**0.21**	ug/L	U	SW8260B		J
Styrene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Tetrachloroethene	1	0.43	0.43	**1.8**	ug/L	, V	SW8260B		J
Toluene	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Trans-1,2-dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
Trans-1,3-dichloropropene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Trans-1,4-dichloro-2-butene	1	0.52	0.52	**1.3**	ug/L	U	SW8260B		J
Trichloroethene	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Trichlorofluoromethane	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033705

Project Name: Trail Ridge GW **Date/Time Received:** 7/1/03 16:15

Vinyl Acetate	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Vinyl Chloride	1	0.49	0.49	**0.49**	ug/L	U	SW8260B		J
Xylenes (Total)	1	0.86	0.86	**0.86**	ug/L	U	SW8260B		J

Dissolved Metals

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic, dissolved	1	0.0016	0.0016	**0.0016**	mg/L	U	SW6010B		J
Barium, dissolved	1	0.00076	0.00076	**0.054**	mg/L		SW6010B		J
Beryllium, dissolved	1	0.000059	0.000059	**0.00011**	mg/L	i	SW6010B		J
Cadmium, dissolved	1	0.00036	0.00036	**0.00036**	mg/L	U	SW6010B		J
Chromium, dissolved	1	0.0010	0.0010	**0.0010**	mg/L	i	SW6010B		J
Cobalt, dissolved	1	0.00025	0.00025	**0.00035**	mg/L	i	SW6010B		J
Copper, dissolved	1	0.0011	0.0011	**0.0011**	mg/L	U	SW6010B		J
Iron, dissolved	1	0.019	0.019	**0.49**	mg/L		SW6010B		J
Lead, dissolved	1	0.00091	0.00091	**0.00091**	mg/L	U	SW6010B		J
Nickel, dissolved	1	0.00085	0.00085	**0.00085**	mg/L	U	SW6010B		J
* Selenium, dissolved	1	0.0022	0.0022	**0.0022**	mg/L	U	SW6010B		J
Silver, dissolved	1	0.00017	0.00017	**0.00017**	mg/L	U	SW6010B		J
Sodium, dissolved	1	0.049	0.049	**3.6**	mg/L		SW6010B		J
Vanadium, dissolved	1	0.00016	0.00016	**0.0013**	mg/L		SW6010B		J
* Zinc, dissolved	1	0.0025	0.0025	**0.0038**	mg/L	i	SW6010B		J

Dissolved Metals (Hg)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury, dissolved	1	0.000018	0.000018	**0.000018**	mg/L	U	SW7470A		J

Dissolved Metals (Tl)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium, dissolved	1	0.00098	0.00098	**0.00098**	mg/L	U	SW7841		J

Ethylene Dibromide

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,2-Dibromo-3-chloropropane	1	0.0034	0.0034	**0.0034**	ug/L	U	E504.1		J
Ethylene Dibromide	1	0.0069	0.0069	**0.0069**	ug/L	U	E504.1		J

Field Parameters

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Color/Sheen	1			**WhTan**			ır/Sheen Field Me		
Conductivity	1			**39**	µmhos/cm		Field		
Dissolved Oxygen	1			**0.90**	mg/L O2		Field		
pH (Field)	1			**4.41**	pH Units		Field		
Temperature	1			**22**	°C		Field		
Turbidity	1			**75**	NTU		Field		

Miscellaneous Analytes

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Ammonia (as N)	1	0.020	0.020	**0.21**	mg/L		E350.1		T
Nitrate (as N)	1	0.13	0.13	**0.13**	mg/L	U	SM4500NO3-F		J
Total Chlorides	1	0.50	0.50	**4.8**	mg/L		E325.2		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033705

Project Name: Trail Ridge GW **Date/Time Received:** 7/1/03 16:15

TDS

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Total Dissolved Solids	1	10	10	**54**	mg/L		E160.1		J

Total Metals

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic	1	0.0016	0.0016	**0.0016**	mg/L	U	SW6010B		J
Barium	1	0.00076	0.00076	**0.11**	mg/L		SW6010B		J
Beryllium	1	0.000059	0.000059	**0.00059**	mg/L		SW6010B		J
Cadmium	1	0.00036	0.00036	**0.00071**	mg/L	i	SW6010B		J
Chromium	1	0.0010	0.0010	**0.0075**	mg/L		SW6010B		J
Cobalt	1	0.00025	0.00025	**0.0038**	mg/L		SW6010B		J
Copper	1	0.0011	0.0011	**0.0011**	mg/L	U	SW6010B		J
Iron	1	0.019	0.019	**1.3**	mg/L		SW6010B		J
Lead	1	0.00091	0.00091	**0.0033**	mg/L	i	SW6010B		J
* Nickel	1	0.00085	0.00085	**0.0085**	mg/L		SW6010B		J
Selenium	1	0.0022	0.0022	**0.0022**	mg/L	U	SW6010B		J
Silver	1	0.00017	0.00017	**0.00017**	mg/L	U	SW6010B		J
Sodium	1	0.049	0.049	**3.2**	mg/L		SW6010B		J
Vanadium	1	0.00016	0.00016	**0.0095**	mg/L		SW6010B		J
* Zinc	1	0.0025	0.0025	**0.023**	mg/L		SW6010B		J

Total Metals (Hg)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury	1	0.000018	0.000018	**0.000018**	mg/L	U	SW7470A		J

Total Metals (Sb)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Antimony	1	0.0034	0.0034	**0.0034**	mg/L	U	SW7041A		J

Total Metals (Tl)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium	1	0.00098	0.00098	**0.00098**	mg/L	U	SW7841		J

Surrogates:	Control Limits	% Recovery	Qual.	Method	Prep Method
Tetrachloro-m-xylene	30 - 120	111		E504.1	METHOD
1,2-Dichloroethane-d4	80 - 120	110		SW8260B	SW5030B
4-Bromofluorobenzene	86 - 115	114		SW8260B	SW5030B
Toluene d(8)	88 - 110	102		SW8260B	SW5030B

AIC Alternate initial calibration criteria used (mean RSD <15%)

i The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U The compound was analyzed for but not detected.

V Indicates that the analyte was detected in both the sample and the associated method blank.

J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)

T DOH certification #E84589, Compqap #980174 (AEL-Tampa)

* Comment for Nickel – Analyzed 7-3-03 15:07 due to reanalysis.

* Comment for Selenium, dissolved – Analyzed 7-3-03 15:07 due to reanalysis.

* Comment for Zinc – Analyzed 7-3-03 15:07 due to reanalysis.

* Comment for Zinc, dissolved – Analyzed 7-3-03 15:07 due to reanalysis.

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc.
Project Name: Trail Ridge GW

Report No.: J033705
Date/Time Received: 7/1/03 16:15

Lab Code: J033705-10
Client Sample ID: MWB-19D
Site: Monitoring Well
Matrix: Water
SampleType:

Date/Time Sampled: 7/1/2003 07:01
Shipping Method: AEL
Sampled By: DSA/BR
Sampling Method: G

Appendix I Volatile Organic Compunds

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,1,1,2-Tetrachloroethane	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
1,1,1-Trichloroethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
1,1,2,2-Tetrachloroethane	1	0.19	0.19	**0.19**	ug/L	U	SW8260B		J
1,1,2-Trichloroethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
1,1-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,1-Dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
1,2,3-Trichloropropane	1	0.33	0.33	**0.33**	ug/L	U	SW8260B		J
1,2-Dibromo-3-chloropropane	1	0.55	0.55	**0.55**	ug/L	U	SW8260B		J
1,2-Dibromoethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
1,2-Dichlorobenzene	1	0.28	0.28	**0.28**	ug/L	U	SW8260B		J
1,2-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,2-Dichloropropane	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
1,3-Dichloropropene (Total)	1	0.52	0.52	**0.52**	ug/L	U	SW8260B		J
1,4-Dichlorobenzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
2-Hexanone (MBK)	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
4-Methyl-2-pentanone (MIBK)	1	0.35	0.35	**0.35**	ug/L	U	SW8260B		J
Acetone	1	0.71	0.71	**0.71**	ug/L	U	SW8260B	AIC	J
Acrylonitrile	1	1.6	1.6	**1.6**	ug/L	U	SW8260B		J
Benzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
Bromochloromethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Bromodichloromethane	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Bromoform	1	0.25	0.25	**0.25**	ug/L	U	SW8260B	AIC	J
Bromomethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B		J
Carbon Disulfide	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Carbon Tetrachloride	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Chlorobenzene	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Chloroethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B	AIC	J
Chloroform	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Chloromethane	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Cis-1,2-dichloroethene	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Cis-1,3-dichloropropene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Dibromochloromethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Dibromomethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
Ethylbenzene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Iodomethane	1	0.40	0.40	**0.40**	ug/L	U	SW8260B	AIC	J
Methyl ethyl ketone	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Methylene Chloride	1	0.21	0.21	**0.21**	ug/L	U	SW8260B		J
Styrene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Tetrachloroethene	1	0.43	0.43	**1.1**	ug/L	i , V	SW8260B		J
Toluene	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Trans-1,2-dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
Trans-1,3-dichloropropene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Trans-1,4-dichloro-2-butene	1	0.52	0.52	**1.3**	ug/L	U	SW8260B		J
Trichloroethene	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Trichlorofluoromethane	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033705

Project Name: Trail Ridge GW **Date/Time Received:** 7/1/03 16:15

Vinyl Acetate	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Vinyl Chloride	1	0.49	0.49	**0.49**	ug/L	U	SW8260B		J
Xylenes (Total)	1	0.86	0.86	**0.86**	ug/L	U	SW8260B		J

Ethylene Dibromide

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,2-Dibromo-3-chloropropane	1	0.0034	0.0034	**0.0034**	ug/L	U	E504.1		J
Ethylene Dibromide	1	0.0069	0.0069	**0.0069**	ug/L	U	E504.1		J

Field Parameters

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Color/Sheen	1			None			r/Sheen Field Me		
Conductivity	1			**370**	µmhos/cm		Field		
Dissolved Oxygen	1			**0.90**	mg/L O2		Field		
pH (Field)	1			**7.15**	pH Units		Field		
Temperature	1			**22**	°C		Field		
Turbidity	1			**6.8**	NTU		Field		

Miscellaneous Analytes

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Ammonia (as N)	1	0.020	0.020	**0.34**	mg/L		E350.1		T
Nitrate (as N)	1	0.13	0.13	**0.13**	mg/L	U	SM4500NO3-F		J
Total Chlorides	1	0.50	0.50	**2.3**	mg/L		E325.2		

TDS

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Total Dissolved Solids	1	10	10	**220**	mg/L		E160.1		J

Total Metals

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic	1	0.0016	0.0016	**0.0028**	mg/L	i	SW6010B		J
Barium	1	0.00076	0.00076	**0.13**	mg/L		SW6010B		J
Beryllium	1	0.000059	0.000059	**0.0018**	mg/L		SW6010B		J
Cadmium	1	0.00036	0.00036	**0.00081**	mg/L	i	SW6010B		J
Chromium	1	0.0010	0.0010	**0.012**	mg/L		SW6010B		J
Cobalt	1	0.00025	0.00025	**0.0012**	mg/L		SW6010B		J
Copper	1	0.0011	0.0011	**0.0032**	mg/L	i	SW6010B		J
Iron	1	0.019	0.019	**4.8**	mg/L		SW6010B		J
Lead	1	0.00091	0.00091	**0.00091**	mg/L	U	SW6010B		J
* Nickel	1	0.00085	0.00085	**0.0048**	mg/L		SW6010B		J
* Selenium	1	0.0022	0.0022	**0.0076**	mg/L	i , V	SW6010B		J
Silver	1	0.00017	0.00017	**0.00017**	mg/L	U	SW6010B		J
Sodium	1	0.049	0.049	**4.4**	mg/L		SW6010B		J
Vanadium	1	0.00016	0.00016	**0.019**	mg/L		SW6010B		J
* Zinc	1	0.0025	0.0025	**0.0025**	mg/L	U	SW6010B		J

Total Metals (Hg)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury	1	0.000018	0.000018	**0.000018**	mg/L	U	SW7470A		

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033705

Project Name: Trail Ridge GW **Date/Time Received:** 7/1/03 16:15

Total Metals (Sb)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Antimony	1	0.0034	0.0034	**0.0034**	mg/L	U	SW7041A		J

Total Metals (Tl)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium	1	0.00098	0.00098	**0.00098**	mg/L	U	SW7841		J

Surrogates:	Control Limits	% Recovery	Qual.	Method	Prep Method
Tetrachloro-m-xylene	30 - 120	88		E504.1	METHOD
1,2-Dichloroethane-d4	80 - 120	108		SW8260B	SW5030B
4-Bromofluorobenzene	86 - 115	112		SW8260B	SW5030B
Toluene d(8)	88 - 110	108		SW8260B	SW5030B

AIC Alternate initial calibration criteria used (mean RSD <15%)

i The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U The compound was analyzed for but not detected.

V Indicates that the analyte was detected in both the sample and the associated method blank.

J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)

T DOH certification #E84589, Compqap #980174 (AEL-Tampa)

* Comment for Nickel – Analyzed 7-3-03 15:07 due to reanalysis.

* Comment for Selenium – Analyzed 7-3-03 15:07 due to reanalysis.

* Comment for Zinc – Analyzed 7-3-03 15:07 due to reanalysis.

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc.
Project Name: Trail Ridge GW

Report No.: J033705
Date/Time Received: 7/1/03 16:15

Lab Code: J033705-11
Client Sample ID: MWB-17I
Site: Monitoring Well
Matrix: Water
SampleType:

Date/Time Sampled: 7/1/2003 08:10
Shipping Method: AEL
Sampled By: DSA/BR
Sampling Method: G

Appendix I Volatile Organic Compunds

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,1,1,2-Tetrachloroethane	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
1,1,1-Trichloroethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
1,1,2,2-Tetrachloroethane	1	0.19	0.19	**0.19**	ug/L	U	SW8260B		J
1,1,2-Trichloroethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
1,1-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,1-Dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
1,2,3-Trichloropropane	1	0.33	0.33	**0.33**	ug/L	U	SW8260B		J
1,2-Dibromo-3-chloropropane	1	0.55	0.55	**0.55**	ug/L	U	SW8260B		J
1,2-Dibromoethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
1,2-Dichlorobenzene	1	0.28	0.28	**0.28**	ug/L	U	SW8260B		J
1,2-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,2-Dichloropropane	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
1,3-Dichloropropene (Total)	1	0.52	0.52	**0.52**	ug/L	U	SW8260B		J
1,4-Dichlorobenzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
2-Hexanone (MBK)	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
4-Methyl-2-pentanone (MIBK)	1	0.35	0.35	**0.35**	ug/L	U	SW8260B		J
Acetone	1	0.71	0.71	**1.6**	ug/L	i	SW8260B	AIC	J
Acrylonitrile	1	1.6	1.6	**1.6**	ug/L	U	SW8260B		J
Benzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
Bromochloromethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Bromodichloromethane	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Bromoform	1	0.25	0.25	**0.25**	ug/L	U	SW8260B	AIC	J
Bromomethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B		J
Carbon Disulfide	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Carbon Tetrachloride	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Chlorobenzene	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Chloroethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B	AIC	J
Chloroform	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Chloromethane	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Cis-1,2-dichloroethene	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Cis-1,3-dichloropropene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Dibromochloromethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Dibromomethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
Ethylbenzene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Iodomethane	1	0.40	0.40	**0.40**	ug/L	U	SW8260B	AIC	J
Methyl ethyl ketone	1	0.25	0.25	**2.2**	ug/L		SW8260B		J
Methylene Chloride	1	0.21	0.21	**0.21**	ug/L	U	SW8260B		J
Styrene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Tetrachloroethene	1	0.43	0.43	**0.83**	ug/L	i , V	SW8260B		J
Toluene	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Trans-1,2-dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
Trans-1,3-dichloropropene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Trans-1,4-dichloro-2-butene	1	0.52	0.52	**1.3**	ug/L	U	SW8260B		J
Trichloroethene	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Trichlorofluoromethane	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033705

Project Name: Trail Ridge GW **Date/Time Received:** 7/1/03 16:15

Vinyl Acetate	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Vinyl Chloride	1	0.49	0.49	**0.49**	ug/L	U	SW8260B		J
Xylenes (Total)	1	0.86	0.86	**0.86**	ug/L	U	SW8260B		J

Ethylene Dibromide

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,2-Dibromo-3-chloropropane	1	0.0034	0.0034	**0.0034**	ug/L	U	E504.1		J
Ethylene Dibromide	1	0.0069	0.0069	**0.0069**	ug/L	U	E504.1		J

Field Parameters

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Color/Sheen	1			None			r/Sheen Field Me		
Conductivity	1			**31**	µmhos/cm		Field		
Dissolved Oxygen	1			**0.80**	mg/L O2		Field		
pH (Field)	1			**5.22**	pH Units		Field		
Temperature	1			**22**	°C		Field		
Turbidity	1			**1.4**	NTU		Field		

Miscellaneous Analytes

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Ammonia (as N)	1	0.020	0.020	**0.23**	mg/L		E350.1		T
Nitrate (as N)	1	0.13	0.13	**0.13**	mg/L	U	SM4500NO3-F		J
Total Chlorides	1	0.50	0.50	**3.0**	mg/L		E325.2		J

TDS

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Total Dissolved Solids	1	10	10	**44**	mg/L		E160.1		J

Total Metals

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic	1	0.0016	0.0016	**0.0016**	mg/L	U	SW6010B		J
Barium	1	0.00076	0.00076	**0.038**	mg/L		SW6010B		J
Beryllium	1	0.000059	0.000059	**0.000059**	mg/L	U	SW6010B		J
Cadmium	1	0.00036	0.00036	**0.00036**	mg/L	U	SW6010B		J
Chromium	1	0.0010	0.0010	**0.0010**	mg/L	U	SW6010B		J
Cobalt	1	0.00025	0.00025	**0.00025**	mg/L	U	SW6010B		J
Copper	1	0.0011	0.0011	**0.0011**	mg/L	U	SW6010B		J
Iron	1	0.019	0.019	**0.34**	mg/L		SW6010B		J
Lead	1	0.00091	0.00091	**0.0013**	mg/L	i	SW6010B		J
* Nickel	1	0.00085	0.00085	**0.0030**	mg/L	i	SW6010B		J
Selenium	1	0.0022	0.0022	**0.0022**	mg/L	U	SW6010B		J
Silver	1	0.00017	0.00017	**0.00017**	mg/L	U	SW6010B		J
Sodium	1	0.049	0.049	**3.1**	mg/L		SW6010B		J
Vanadium	1	0.00016	0.00016	**0.00026**	mg/L	i	SW6010B		J
* Zinc	1	0.0025	0.0025	**0.0025**	mg/L	U	SW6010B		J

Total Metals (Hg)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury	1	0.000018	0.000018	**0.000018**	mg/L	U	SW7470A		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033705

Project Name: Trail Ridge GW **Date/Time Received:** 7/1/03 16:15

Total Metals (Sb)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Antimony	1	0.0034	0.0034	**0.0034**	mg/L	U	SW7041A		J

Total Metals (Tl)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium	1	0.00098	0.00098	**0.00098**	mg/L	U	SW7841		J

Surrogates:	Control Limits	% Recovery	Qual.	Method	Prep Method
Tetrachloro-m-xylene	30 - 120	94		E504.1	METHOD
1,2-Dichloroethane-d4	80 - 120	108		SW8260B	SW5030B
4-Bromofluorobenzene	86 - 115	110		SW8260B	SW5030B
Toluene d(8)	88 - 110	106		SW8260B	SW5030B

AIC Alternate initial calibration criteria used (mean RSD <15%)

i The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U The compound was analyzed for but not detected.

V Indicates that the analyte was detected in both the sample and the associated method blank.

J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)

T DOH certification #E84589, Compqap #980174 (AEL-Tampa)

* Comment for Nickel – Analyzed 7-3-03 15:07 due to reanalysis.

* Comment for Zinc – Analyzed 7-3-03 15:07 due to reanalysis.

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc.
Project Name: Trail Ridge GW

Report No.: J033705
Date/Time Received: 7/1/03 16:15

Lab Code: J033705-12
Client Sample ID: MWB-17S
Site: Monitoring Well
Matrix: Water
SampleType:

Date/Time Sampled: 7/1/2003 07:00
Shipping Method: AEL
Sampled By: DSA/BR
Sampling Method: G

Appendix I Volatile Organic Compunds

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,1,1,2-Tetrachloroethane	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
1,1,1-Trichloroethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
1,1,2,2-Tetrachloroethane	1	0.19	0.19	**0.19**	ug/L	U	SW8260B		J
1,1,2-Trichloroethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
1,1-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,1-Dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
1,2,3-Trichloropropane	1	0.33	0.33	**0.33**	ug/L	U	SW8260B		J
1,2-Dibromo-3-chloropropane	1	0.55	0.55	**0.55**	ug/L	U	SW8260B		J
1,2-Dibromoethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
1,2-Dichlorobenzene	1	0.28	0.28	**0.28**	ug/L	U	SW8260B		J
1,2-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,2-Dichloropropane	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
1,3-Dichloropropene (Total)	1	0.52	0.52	**0.52**	ug/L	U	SW8260B		J
1,4-Dichlorobenzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
2-Hexanone (MBK)	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
4-Methyl-2-pentanone (MIBK)	1	0.35	0.35	**0.35**	ug/L	U	SW8260B		J
Acetone	1	0.71	0.71	**1.6**	ug/L	i	SW8260B	AIC	J
Acrylonitrile	1	1.6	1.6	**1.6**	ug/L	U	SW8260B		J
Benzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
Bromochloromethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Bromodichloromethane	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Bromoform	1	0.25	0.25	**0.25**	ug/L	U	SW8260B	AIC	J
Bromomethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B		J
Carbon Disulfide	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Carbon Tetrachloride	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Chlorobenzene	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Chloroethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B	AIC	J
Chloroform	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Chloromethane	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Cis-1,2-dichloroethene	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Cis-1,3-dichloropropene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Dibromochloromethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Dibromomethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
Ethylbenzene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Iodomethane	1	0.40	0.40	**0.40**	ug/L	U	SW8260B	AIC	J
Methyl ethyl ketone	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Methylene Chloride	1	0.21	0.21	**0.21**	ug/L	U	SW8260B		J
Styrene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Tetrachloroethene	1	0.43	0.43	**0.79**	ug/L	i , V	SW8260B		J
Toluene	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Trans-1,2-dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
Trans-1,3-dichloropropene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Trans-1,4-dichloro-2-butene	1	0.52	0.52	**1.3**	ug/L	U	SW8260B		J
Trichloroethene	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Trichlorofluoromethane	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033705

Project Name: Trail Ridge GW **Date/Time Received:** 7/1/03 16:15

Vinyl Acetate	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Vinyl Chloride	1	0.49	0.49	**0.49**	ug/L	U	SW8260B		J
Xylenes (Total)	1	0.86	0.86	**0.86**	ug/L	U	SW8260B		J

Ethylene Dibromide

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,2-Dibromo-3-chloropropane	1	0.0034	0.0034	**0.0034**	ug/L	U	E504.1		J
Ethylene Dibromide	1	0.0069	0.0069	**0.0069**	ug/L	U	E504.1		J

Field Parameters

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Color/Sheen	1			None			ır/Sheen Field Me		
Conductivity	1			**51**	µmhos/cm		Field		
Dissolved Oxygen	1			**1.1**	mg/L O2		Field		
pH (Field)	1			**5.12**	pH Units		Field		
Temperature	1			**25**	°C		Field		
Turbidity	1			**12**	NTU		Field		

Miscellaneous Analytes

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Ammonia (as N)	1	0.020	0.020	**0.46**	mg/L		E350.1		T
Nitrate (as N)	1	0.13	0.13	**0.13**	mg/L	U	SM4500NO3-F		J
Total Chlorides	1	0.50	0.50	**5.2**	mg/L		E325.2		

TDS

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Total Dissolved Solids	1	10	10	**57**	mg/L		E160.1		J

Total Metals

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic	1	0.0016	0.0016	**0.0016**	mg/L	U	SW6010B		J
Barium	1	0.00076	0.00076	**0.0048**	mg/L		SW6010B		J
Beryllium	1	0.000059	0.000059	**0.000059**	mg/L	U	SW6010B		J
Cadmium	1	0.00036	0.00036	**0.00036**	mg/L	U	SW6010B		J
Chromium	1	0.0010	0.0010	**0.0011**	mg/L	i	SW6010B		J
Cobalt	1	0.00025	0.00025	**0.00025**	mg/L	U	SW6010B		J
Copper	1	0.0011	0.0011	**0.0011**	mg/L	U	SW6010B		J
Iron	1	0.019	0.019	**0.23**	mg/L		SW6010B		J
Lead	1	0.00091	0.00091	**0.00091**	mg/L	U	SW6010B		J
* Nickel	1	0.00085	0.00085	**0.0037**	mg/L		SW6010B		J
* Selenium	1	0.0022	0.0022	**0.0022**	mg/L	U	SW6010B		J
Silver	1	0.00017	0.00017	**0.00017**	mg/L	U	SW6010B		J
Sodium	1	0.049	0.049	**3.5**	mg/L		SW6010B		J
Vanadium	1	0.00016	0.00016	**0.00077**	mg/L		SW6010B		J
* Zinc	1	0.0025	0.0025	**0.0025**	mg/L	U	SW6010B		J

Total Metals (Hg)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury	1	0.000018	0.000018	**0.000018**	mg/L	U	SW7470A		

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033705

Project Name: Trail Ridge GW **Date/Time Received:** 7/1/03 16:15

Total Metals (Sb)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Antimony	1	0.0034	0.0034	**0.0034**	mg/L	U	SW7041A		J

Total Metals (Tl)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium	1	0.00098	0.00098	**0.00098**	mg/L	U	SW7841		J

Surrogates:	Control Limits	% Recovery	Qual.	Method	Prep Method
Tetrachloro-m-xylene	30 - 120	107		E504.1	METHOD
1,2-Dichloroethane-d4	80 - 120	104		SW8260B	SW5030B
4-Bromofluorobenzene	86 - 115	112		SW8260B	SW5030B
Toluene d(8)	88 - 110	104		SW8260B	SW5030B

AIC Alternate initial calibration criteria used (mean RSD <15%)

i The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U The compound was analyzed for but not detected.

V Indicates that the analyte was detected in both the sample and the associated method blank.

J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)

T DOH certification #E84589, Compqap #980174 (AEL-Tampa)

* Comment for Nickel -- Analyzed 7-3-03 15:07 due to reanalysis.

* Comment for Selenium -- Analyzed 7-3-03 15:07 due to reanalysis.

* Comment for Zinc -- Analyzed 7-3-03 15:07 due to reanalysis.

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc.
Project Name: Trail Ridge GW

Report No.: J033705
Date/Time Received: 7/1/03 16:15

Lab Code: J033705-13
Client Sample ID: MWB-17D
Site: Monitoring Well
Matrix: Water
SampleType:

Date/Time Sampled: 7/1/2003 07:45
Shipping Method: AEL
Sampled By: DSA/BR
Sampling Method: G

Appendix I Volatile Organic Compunds

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,1,1,2-Tetrachloroethane	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
1,1,1-Trichloroethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
1,1,2,2-Tetrachloroethane	1	0.19	0.19	**0.19**	ug/L	U	SW8260B		J
1,1,2-Trichloroethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
1,1-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,1-Dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
1,2,3-Trichloropropane	1	0.33	0.33	**0.33**	ug/L	U	SW8260B		J
1,2-Dibromo-3-chloropropane	1	0.55	0.55	**0.55**	ug/L	U	SW8260B		J
1,2-Dibromoethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
1,2-Dichlorobenzene	1	0.28	0.28	**0.28**	ug/L	U	SW8260B		J
1,2-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,2-Dichloropropane	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
1,3-Dichloropropene (Total)	1	0.52	0.52	**0.52**	ug/L	U	SW8260B		J
1,4-Dichlorobenzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
2-Hexanone (MBK)	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
4-Methyl-2-pentanone (MIBK)	1	0.35	0.35	**0.35**	ug/L	U	SW8260B		J
Acetone	1	0.71	0.71	**0.71**	ug/L	U	SW8260B	AIC	J
Acrylonitrile	1	1.6	1.6	**1.6**	ug/L	U	SW8260B		J
Benzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
Bromochloromethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Bromodichloromethane	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Bromoform	1	0.25	0.25	**0.25**	ug/L	U	SW8260B	AIC	J
Bromomethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B		J
Carbon Disulfide	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Carbon Tetrachloride	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Chlorobenzene	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Chloroethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B	AIC	J
Chloroform	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Chloromethane	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Cis-1,2-dichloroethene	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Cis-1,3-dichloropropene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Dibromochloromethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Dibromomethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
Ethylbenzene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Iodomethane	1	0.40	0.40	**0.40**	ug/L	U	SW8260B	AIC	J
Methyl ethyl ketone	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Methylene Chloride	1	0.21	0.21	**0.21**	ug/L	U	SW8260B		J
Styrene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Tetrachloroethene	1	0.43	0.43	**0.69**	ug/L	i , V	SW8260B		J
Toluene	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Trans-1,2-dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
Trans-1,3-dichloropropene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Trans-1,4-dichloro-2-butene	1	0.52	0.52	**1.3**	ug/L	U	SW8260B		J
Trichloroethene	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Trichlorofluoromethane	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033705

Project Name: Trail Ridge GW **Date/Time Received:** 7/1/03 16:15

Vinyl Acetate	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Vinyl Chloride	1	0.49	0.49	**0.49**	ug/L	U	SW8260B		J
Xylenes (Total)	1	0.86	0.86	**0.86**	ug/L	U	SW8260B		J

Ethylene Dibromide

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,2-Dibromo-3-chloropropane	1	0.0034	0.0034	**0.0034**	ug/L	U	E504.1		J
Ethylene Dibromide	1	0.0069	0.0069	**0.0069**	ug/L	U	E504.1		J

Field Parameters

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Color/Sheen	1			None			r/Sheen Field Me		
Conductivity	1			**69**	µmhos/cm		Field		
Dissolved Oxygen	1			**1.0**	mg/L O2		Field		
pH (Field)	1			**5.56**	pH Units		Field		
Temperature	1			**22**	°C		Field		
Turbidity	1			**1.9**	NTU		Field		

Miscellaneous Analytes

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Ammonia (as N)	1	0.020	0.020	**0.21**	mg/L		E350.1		T
Nitrate (as N)	1	0.13	0.13	**0.13**	mg/L	U	SM4500NO3-F		J
Total Chlorides	1	0.50	0.50	**4.3**	mg/L		E325.2		J

TDS

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Total Dissolved Solids	1	10	10	**68**	mg/L		E160.1		J

Total Metals

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic	1	0.0016	0.0016	**0.0016**	mg/L	U	SW6010B		J
Barium	1	0.00076	0.00076	**0.039**	mg/L		SW6010B		J
Beryllium	1	0.000059	0.000059	**0.00016**	mg/L	i	SW6010B		J
Cadmium	1	0.00036	0.00036	**0.00036**	mg/L	U	SW6010B		J
Chromium	1	0.0010	0.0010	**0.0010**	mg/L	i	SW6010B		J
Cobalt	1	0.00025	0.00025	**0.00025**	mg/L	U	SW6010B		J
Copper	1	0.0011	0.0011	**0.0011**	mg/L	U	SW6010B		J
Iron	1	0.019	0.019	**0.57**	mg/L		SW6010B		J
Lead	1	0.00091	0.00091	**0.00091**	mg/L	U	SW6010B		J
Nickel	1	0.00085	0.00085	**0.00085**	mg/L	U	SW6010B		J
Selenium	1	0.0022	0.0022	**0.0022**	mg/L	U	SW6010B		J
Silver	1	0.00017	0.00017	**0.00017**	mg/L	U	SW6010B		J
Sodium	1	0.049	0.049	**3.4**	mg/L		SW6010B		J
Vanadium	1	0.00016	0.00016	**0.0012**	mg/L		SW6010B		J
* Zinc	1	0.0025	0.0025	**0.0025**	mg/L	U	SW6010B		J

Total Metals (Hg)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury	1	0.000018	0.000018	**0.000018**	mg/L	U	SW7470A		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033705

Project Name: Trail Ridge GW **Date/Time Received:** 7/1/03 16:15

Total Metals (Sb)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Antimony	1	0.0034	0.0034	**0.0034**	mg/L	U	SW7041A		J

Total Metals (Tl)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium	1	0.00098	0.00098	**0.00098**	mg/L	U	SW7841		J

Surrogates:	Control Limits	% Recovery	Qual.	Method	Prep Method
Tetrachloro-m-xylene	30 - 120	101		E504.1	METHOD
1,2-Dichloroethane-d4	80 - 120	104		SW8260B	SW5030B
4-Bromofluorobenzene	86 - 115	112		SW8260B	SW5030B
Toluene d(8)	88 - 110	106		SW8260B	SW5030B

AIC Alternate initial calibration criteria used (mean RSD <15%)

i The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U The compound was analyzed for but not detected.

V Indicates that the analyte was detected in both the sample and the associated method blank.

J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)

T DOH certification #E84589, Compqap #980174 (AEL-Tampa)

* Comment for Zinc -- Analyzed 7-3-03 15:07 due to reanalysis.

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc.
Project Name: Trail Ridge GW

Report No.: J033705
Date/Time Received: 7/1/03 16:15

Lab Code: J033705-14
Client Sample ID: MWB-20S
Site: Monitoring Well
Matrix: Water
SampleType:

Date/Time Sampled: 7/1/2003 08:40
Shipping Method: AEL
Sampled By: DSA/BR
Sampling Method: G

Appendix I Volatile Organic Compunds

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,1,1,2-Tetrachloroethane	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
1,1,1-Trichloroethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
1,1,2,2-Tetrachloroethane	1	0.19	0.19	**0.19**	ug/L	U	SW8260B		J
1,1,2-Trichloroethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
1,1-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,1-Dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
1,2,3-Trichloropropane	1	0.33	0.33	**0.33**	ug/L	U	SW8260B		J
1,2-Dibromo-3-chloropropane	1	0.55	0.55	**0.55**	ug/L	U	SW8260B		J
1,2-Dibromoethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
1,2-Dichlorobenzene	1	0.28	0.28	**0.28**	ug/L	U	SW8260B		J
1,2-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,2-Dichloropropane	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
1,3-Dichloropropene (Total)	1	0.52	0.52	**0.52**	ug/L	U	SW8260B		J
1,4-Dichlorobenzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
2-Hexanone (MBK)	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
4-Methyl-2-pentanone (MIBK)	1	0.35	0.35	**0.35**	ug/L	U	SW8260B		J
Acetone	1	0.71	0.71	**1.5**	ug/L	i	SW8260B	AIC	J
Acrylonitrile	1	1.6	1.6	**1.6**	ug/L	U	SW8260B		J
Benzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
Bromochloromethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Bromodichloromethane	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Bromoform	1	0.25	0.25	**0.25**	ug/L	U	SW8260B	AIC	J
Bromomethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B		J
Carbon Disulfide	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Carbon Tetrachloride	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Chlorobenzene	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Chloroethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B	AIC	J
Chloroform	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Chloromethane	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Cis-1,2-dichloroethene	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Cis-1,3-dichloropropene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Dibromochloromethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Dibromomethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
Ethylbenzene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Iodomethane	1	0.40	0.40	**0.40**	ug/L	U	SW8260B	AIC	J
Methyl ethyl ketone	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Methylene Chloride	1	0.21	0.21	**0.21**	ug/L	U	SW8260B		J
Styrene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Tetrachloroethene	1	0.43	0.43	**0.70**	ug/L	i , V	SW8260B		J
Toluene	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Trans-1,2-dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
Trans-1,3-dichloropropene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Trans-1,4-dichloro-2-butene	1	0.52	0.52	**1.3**	ug/L	U	SW8260B		J
Trichloroethene	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Trichlorofluoromethane	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033705

Project Name: Trail Ridge GW **Date/Time Received:** 7/1/03 16:15

Vinyl Acetate	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Vinyl Chloride	1	0.49	0.49	**0.49**	ug/L	U	SW8260B		J
Xylenes (Total)	1	0.86	0.86	**0.86**	ug/L	U	SW8260B		J

Ethylene Dibromide

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,2-Dibromo-3-chloropropane	1	0.0034	0.0034	**0.0034**	ug/L	U	E504.1		J
Ethylene Dibromide	1	0.0069	0.0069	**0.0069**	ug/L	U	E504.1		J

Field Parameters

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Color/Sheen	1			None			ır/Sheen Field Me		
Conductivity	1			**140**	µmhos/cm		Field		
Dissolved Oxygen	1			**0.80**	mg/L O2		Field		
pH (Field)	1			**4.21**	pH Units		Field		
Temperature	1			**28**	°C		Field		
Turbidity	1			**2.1**	NTU		Field		

Miscellaneous Analytes

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Ammonia (as N)	1	0.020	0.020	**1.5**	mg/L		E350.1		T
Nitrate (as N)	1	0.13	0.13	**0.13**	mg/L	U	SM4500NO3-F		J
Total Chlorides	1	0.50	0.50	**11**	mg/L		E325.2		

TDS

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Total Dissolved Solids	1	10	10	**92**	mg/L		E160.1		J

Total Metals

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic	1	0.0016	0.0016	**0.0016**	mg/L	U	SW6010B		J
Barium	1	0.00076	0.00076	**0.035**	mg/L		SW6010B		J
Beryllium	1	0.000059	0.000059	**0.00015**	mg/L	i	SW6010B		J
Cadmium	1	0.00036	0.00036	**0.00036**	mg/L	U	SW6010B		J
Chromium	1	0.0010	0.0010	**0.0010**	mg/L	U	SW6010B		J
Cobalt	1	0.00025	0.00025	**0.00029**	mg/L	i	SW6010B		J
Copper	1	0.0011	0.0011	**0.0011**	mg/L	U	SW6010B		J
Iron	1	0.019	0.019	**0.51**	mg/L		SW6010B		J
Lead	1	0.00091	0.00091	**0.00091**	mg/L	U	SW6010B		J
Nickel	1	0.00085	0.00085	**0.00085**	mg/L	U	SW6010B		J
Selenium	1	0.0022	0.0022	**0.0022**	mg/L	U	SW6010B		J
Silver	1	0.00017	0.00017	**0.00017**	mg/L	U	SW6010B		J
Sodium	1	0.049	0.049	**5.8**	mg/L		SW6010B		J
Vanadium	1	0.00016	0.00016	**0.0020**	mg/L		SW6010B		J
Zinc	1	0.0025	0.0025	**0.0025**	mg/L	U	SW6010B		J

Total Metals (Hg)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury	1	0.000018	0.000018	**0.000018**	mg/L	U	SW7470A		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033705

Project Name: Trail Ridge GW **Date/Time Received:** 7/1/03 16:15

Total Metals (Sb)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Antimony	1	0.0034	0.0034	**0.0034**	mg/L	U	SW7041A		J

Total Metals (Tl)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium	1	0.00098	0.00098	**0.00098**	mg/L	U	SW7841		J

Surrogates:	Control Limits	% Recovery	Qual.	Method	Prep Method
Tetrachloro-m-xylene	30 - 120	110		E504.1	METHOD
1,2-Dichloroethane-d4	80 - 120	104		SW8260B	SW5030B
4-Bromofluorobenzene	86 - 115	112		SW8260B	SW5030B
Toluene d(8)	88 - 110	106		SW8260B	SW5030B

AIC Alternate initial calibration criteria used (mean RSD <15%)

i The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U The compound was analyzed for but not detected.

V Indicates that the analyte was detected in both the sample and the associated method blank.

J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)

T DOH certification #E84589, Compqap #980174 (AEL-Tampa)

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc.
Project Name: Trail Ridge GW

Report No.: J033705
Date/Time Received: 7/1/03 16:15

Lab Code: J033705-15
Client Sample ID: MWB-3I
Site: Monitoring Well
Matrix: Water
SampleType:

Date/Time Sampled: 7/1/2003 10:00
Shipping Method: AEL
Sampled By: DSA/BR
Sampling Method: G

Appendix I Volatile Organic Compunds

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,1,1,2-Tetrachloroethane	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
1,1,1-Trichloroethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
1,1,2,2-Tetrachloroethane	1	0.19	0.19	**0.19**	ug/L	U	SW8260B		J
1,1,2-Trichloroethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
1,1-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,1-Dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
1,2,3-Trichloropropane	1	0.33	0.33	**0.33**	ug/L	U	SW8260B		J
1,2-Dibromo-3-chloropropane	1	0.55	0.55	**0.55**	ug/L	U	SW8260B		J
1,2-Dibromoethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
1,2-Dichlorobenzene	1	0.28	0.28	**0.28**	ug/L	U	SW8260B		J
1,2-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,2-Dichloropropane	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
1,3-Dichloropropene (Total)	1	0.52	0.52	**0.52**	ug/L	U	SW8260B		J
1,4-Dichlorobenzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
2-Hexanone (MBK)	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
4-Methyl-2-pentanone (MIBK)	1	0.35	0.35	**0.35**	ug/L	U	SW8260B		J
Acetone	1	0.71	0.71	**0.71**	ug/L	U	SW8260B	AIC	J
Acrylonitrile	1	1.6	1.6	**1.6**	ug/L	U	SW8260B		J
Benzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
Bromochloromethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Bromodichloromethane	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Bromoform	1	0.25	0.25	**0.25**	ug/L	U	SW8260B	AIC	J
Bromomethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B		J
Carbon Disulfide	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Carbon Tetrachloride	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Chlorobenzene	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Chloroethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B	AIC	J
Chloroform	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Chloromethane	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Cis-1,2-dichloroethene	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Cis-1,3-dichloropropene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Dibromochloromethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Dibromomethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
Ethylbenzene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Iodomethane	1	0.40	0.40	**0.40**	ug/L	U	SW8260B	AIC	J
Methyl ethyl ketone	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Methylene Chloride	1	0.21	0.21	**0.21**	ug/L	U	SW8260B		J
Styrene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Tetrachloroethene	1	0.43	0.43	**0.51**	ug/L	i , V	SW8260B		J
Toluene	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Trans-1,2-dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
Trans-1,3-dichloropropene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Trans-1,4-dichloro-2-butene	1	0.52	0.52	**1.3**	ug/L	U	SW8260B		J
Trichloroethene	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Trichlorofluoromethane	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033705

Project Name: Trail Ridge GW **Date/Time Received:** 7/1/03 16:15

Vinyl Acetate	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Vinyl Chloride	1	0.49	0.49	**0.49**	ug/L	U	SW8260B		J
Xylenes (Total)	1	0.86	0.86	**0.86**	ug/L	U	SW8260B		J

Ethylene Dibromide

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,2-Dibromo-3-chloropropane	1	0.0034	0.0034	**0.0034**	ug/L	U	E504.1		J
Ethylene Dibromide	1	0.0069	0.0069	**0.0069**	ug/L	U	E504.1		J

Field Parameters

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Color/Sheen	1			None			ır/Sheen Field Me		
Conductivity	1			**33**	µmhos/cm		Field		
Dissolved Oxygen	1			**0.90**	mg/L O2		Field		
pH (Field)	1			**4.95**	pH Units		Field		
Temperature	1			**22**	°C		Field		
Turbidity	1			**0.30**	NTU		Field		

Miscellaneous Analytes

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Ammonia (as N)	1	0.020	0.020	**0.23**	mg/L		E350.1		T
Nitrate (as N)	1	0.13	0.13	**0.13**	mg/L	U	SM4500NO3-F		J
Total Chlorides	1	0.50	0.50	**1.9**	mg/L	i	E325.2		J

TDS

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Total Dissolved Solids	1	10	10	**32**	mg/L		E160.1		J

Total Metals

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic	1	0.0016	0.0016	**0.0016**	mg/L	U	SW6010B		J
Barium	1	0.00076	0.00076	**0.022**	mg/L		SW6010B		J
Beryllium	1	0.000059	0.000059	**0.000059**	mg/L	U	SW6010B		J
Cadmium	1	0.00036	0.00036	**0.00036**	mg/L	U	SW6010B		J
Chromium	1	0.0010	0.0010	**0.0010**	mg/L	U	SW6010B		J
Cobalt	1	0.00025	0.00025	**0.00025**	mg/L	U	SW6010B		J
Copper	1	0.0011	0.0011	**0.0011**	mg/L	U	SW6010B		J
Iron	1	0.019	0.019	**0.62**	mg/L		SW6010B		J
Lead	1	0.00091	0.00091	**0.00091**	mg/L	U	SW6010B		J
* Nickel	1	0.00085	0.00085	**0.0033**	mg/L	i	SW6010B		J
* Selenium	1	0.0022	0.0022	**0.0022**	mg/L	i , V	SW6010B		J
Silver	1	0.00017	0.00017	**0.00017**	mg/L	U	SW6010B		J
Sodium	1	0.049	0.049	**3.1**	mg/L		SW6010B		J
Vanadium	1	0.00016	0.00016	**0.00062**	mg/L	i	SW6010B		J
* Zinc	1	0.0025	0.0025	**0.0025**	mg/L	U	SW6010B		J

Total Metals (Hg)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury	1	0.000018	0.000018	**0.000018**	mg/L	U	SW7470A		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033705

Project Name: Trail Ridge GW **Date/Time Received:** 7/1/03 16:15

Total Metals (Sb)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Antimony	1	0.0034	0.0034	**0.0034**	mg/L	U	SW7041A		J

Total Metals (Tl)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium	1	0.00098	0.00098	**0.00098**	mg/L	i	SW7841		J

Surrogates:	Control Limits	% Recovery	Qual.	Method	Prep Method
Tetrachloro-m-xylene	30 - 120	102		E504.1	METHOD
1,2-Dichloroethane-d4	80 - 120	104		SW8260B	SW5030B
4-Bromofluorobenzene	86 - 115	114		SW8260B	SW5030B
Toluene d(8)	88 - 110	106		SW8260B	SW5030B

AIC Alternate initial calibration criteria used (mean RSD <15%)

i The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U The compound was analyzed for but not detected.

V Indicates that the analyte was detected in both the sample and the associated method blank.

J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)

T DOH certification #E84589, Compqap #980174 (AEL-Tampa)

* Comment for Nickel -- Analyzed 7-3-03 15:07 due to reanalysis.

* Comment for Selenium -- Analyzed 7-3-03 15:07 due to reanalysis.

* Comment for Zinc -- Analyzed 7-3-03 15:07 due to reanalysis.

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033705

Project Name: Trail Ridge GW **Date/Time Received:** 7/1/03 16:15

Lab Code: J033705-16 **Date/Time Sampled:** 7/1/2003 11:51

Client Sample ID: MWB-27I **Shipping Method:** AEL

Site: Monitoring Well **Sampled By:** DSA/BR

Matrix: Water **Sampling Method:** G

SampleType:

Appendix I Volatile Organic Compunds

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,1,1,2-Tetrachloroethane	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
1,1,1-Trichloroethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
1,1,2,2-Tetrachloroethane	1	0.19	0.19	**0.19**	ug/L	U	SW8260B		J
1,1,2-Trichloroethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
1,1-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,1-Dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
1,2,3-Trichloropropane	1	0.33	0.33	**0.33**	ug/L	U	SW8260B		J
1,2-Dibromo-3-chloropropane	1	0.55	0.55	**0.55**	ug/L	U	SW8260B		J
1,2-Dibromoethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
1,2-Dichlorobenzene	1	0.28	0.28	**0.28**	ug/L	U	SW8260B		J
1,2-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,2-Dichloropropane	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
1,3-Dichloropropene (Total)	1	0.52	0.52	**0.52**	ug/L	U	SW8260B		J
1,4-Dichlorobenzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
2-Hexanone (MBK)	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
4-Methyl-2-pentanone (MIBK)	1	0.35	0.35	**0.35**	ug/L	U	SW8260B		J
Acetone	1	0.71	0.71	**2.3**	ug/L	i	SW8260B	AIC	J
Acrylonitrile	1	1.6	1.6	**1.6**	ug/L	U	SW8260B		J
Benzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
Bromochloromethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Bromodichloromethane	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Bromoform	1	0.25	0.25	**0.25**	ug/L	U	SW8260B	AIC	J
Bromomethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B		J
Carbon Disulfide	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Carbon Tetrachloride	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Chlorobenzene	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Chloroethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B	AIC	J
Chloroform	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Chloromethane	1	0.43	0.43	**0.64**	ug/L	i	SW8260B		J
Cis-1,2-dichloroethene	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Cis-1,3-dichloropropene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Dibromochloromethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Dibromomethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
Ethylbenzene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Iodomethane	1	0.40	0.40	**0.40**	ug/L	U	SW8260B	AIC	J
Methyl ethyl ketone	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Methylene Chloride	1	0.21	0.21	**0.21**	ug/L	U	SW8260B		J
Styrene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Tetrachloroethene	1	0.43	0.43	**0.49**	ug/L	i , V	SW8260B		J
Toluene	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Trans-1,2-dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
Trans-1,3-dichloropropene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Trans-1,4-dichloro-2-butene	1	0.52	0.52	**1.3**	ug/L	U	SW8260B		J
Trichloroethene	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Trichlorofluoromethane	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033705

Project Name: Trail Ridge GW **Date/Time Received:** 7/1/03 16:15

Vinyl Acetate	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Vinyl Chloride	1	0.49	0.49	**0.49**	ug/L	U	SW8260B		J
Xylenes (Total)	1	0.86	0.86	**0.86**	ug/L	U	SW8260B		J

Ethylene Dibromide

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,2-Dibromo-3-chloropropane	1	0.0034	0.0034	**0.0034**	ug/L	U	E504.1		J
Ethylene Dibromide	1	0.0069	0.0069	**0.0069**	ug/L	U	E504.1		J

Field Parameters

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Color/Sheen	1			None			r/Sheen Field Me		
Conductivity	1			**56**	µmhos/cm		Field		
Dissolved Oxygen	1			**0.90**	mg/L O2		Field		
pH (Field)	1			**5.72**	pH Units		Field		
Temperature	1			**22**	°C		Field		
Turbidity	1			**15**	NTU		Field		

Miscellaneous Analytes

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Ammonia (as N)	1	0.020	0.020	**0.33**	mg/L		E350.1		T
Nitrate (as N)	1	0.13	0.13	**0.13**	mg/L	U	SM4500NO3-F		J
Total Chlorides	1	0.50	0.50	**3.5**	mg/L		E325.2		

TDS

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Total Dissolved Solids	1	10	10	**58**	mg/L		E160.1		J

Total Metals

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic	1	0.0016	0.0016	**0.0019**	mg/L	i	SW6010B		J
Barium	1	0.00076	0.00076	**0.058**	mg/L		SW6010B		J
Beryllium	1	0.000059	0.000059	**0.000081**	mg/L	i	SW6010B		J
Cadmium	1	0.00036	0.00036	**0.00036**	mg/L	U	SW6010B		J
Chromium	1	0.0010	0.0010	**0.0017**	mg/L	i	SW6010B		J
Cobalt	1	0.00025	0.00025	**0.00025**	mg/L	U	SW6010B		J
Copper	1	0.0011	0.0011	**0.0011**	mg/L	U	SW6010B		J
Iron	1	0.019	0.019	**0.53**	mg/L		SW6010B		J
Lead	1	0.00091	0.00091	**0.00091**	mg/L	U	SW6010B		J
Nickel	1	0.00085	0.00085	**0.00085**	mg/L	U	SW6010B		J
* Selenium	1	0.0022	0.0022	**0.0022**	mg/L	U	SW6010B		J
Silver	1	0.00017	0.00017	**0.00017**	mg/L	U	SW6010B		J
Sodium	1	0.049	0.049	**3.7**	mg/L		SW6010B		J
Vanadium	1	0.00016	0.00016	**0.0017**	mg/L		SW6010B		J
* Zinc	1	0.0025	0.0025	**0.0025**	mg/L	U	SW6010B		J

Total Metals (Hg)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury	1	0.000018	0.000018	**0.000018**	mg/L	U	SW7470A		

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033705

Project Name: Trail Ridge GW **Date/Time Received:** 7/1/03 16:15

Total Metals (Sb)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Antimony	1	0.0034	0.0034	**0.0034**	mg/L	U	SW7041A		J

Total Metals (Tl)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium	1	0.00098	0.00098	**0.00098**	mg/L	U	SW7841		J

Surrogates:	Control Limits	% Recovery	Qual.	Method	Prep Method
Tetrachloro-m-xylene	30 - 120	112		E504.1	METHOD
1,2-Dichloroethane-d4	80 - 120	104		SW8260B	SW5030B
4-Bromofluorobenzene	86 - 115	114		SW8260B	SW5030B
Toluene d(8)	88 - 110	106		SW8260B	SW5030B

AIC Alternate initial calibration criteria used (mean RSD <15%)

i The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U The compound was analyzed for but not detected.

V Indicates that the analyte was detected in both the sample and the associated method blank.

J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)

T DOH certification #E84589, Compqap #980174 (AEL-Tampa)

* Comment for Selenium – Analyzed 7-3-03 15:07 due to reanalysis.

* Comment for Zinc – Analyzed 7-3-03 15:07 due to reanalysis.

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc.
Project Name: Trail Ridge GW

Report No.: J033705
Date/Time Received: 7/1/03 16:15

Lab Code: J033705-17
Client Sample ID: MWB-29I
Site: Monitoring Well
Matrix: Water
SampleType:

Date/Time Sampled: 7/1/2003 11:36
Shipping Method: AEL
Sampled By: DSA/BR
Sampling Method: G

Appendix I Volatile Organic Compunds

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,1,1,2-Tetrachloroethane	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
1,1,1-Trichloroethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
1,1,2,2-Tetrachloroethane	1	0.19	0.19	**0.19**	ug/L	U	SW8260B		J
1,1,2-Trichloroethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
1,1-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,1-Dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
1,2,3-Trichloropropane	1	0.33	0.33	**0.33**	ug/L	U	SW8260B		J
1,2-Dibromo-3-chloropropane	1	0.55	0.55	**0.55**	ug/L	U	SW8260B		J
1,2-Dibromoethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
1,2-Dichlorobenzene	1	0.28	0.28	**0.28**	ug/L	U	SW8260B		J
1,2-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,2-Dichloropropane	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
1,3-Dichloropropene (Total)	1	0.52	0.52	**0.52**	ug/L	U	SW8260B		J
1,4-Dichlorobenzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
2-Hexanone (MBK)	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
4-Methyl-2-pentanone (MIBK)	1	0.35	0.35	**0.35**	ug/L	U	SW8260B		J
Acetone	1	0.71	0.71	**0.71**	ug/L	U	SW8260B	AIC	J
Acrylonitrile	1	1.6	1.6	**1.6**	ug/L	U	SW8260B		J
Benzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
Bromochloromethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Bromodichloromethane	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Bromoform	1	0.25	0.25	**0.25**	ug/L	U	SW8260B	AIC	J
Bromomethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B		J
Carbon Disulfide	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Carbon Tetrachloride	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Chlorobenzene	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Chloroethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B	AIC	J
Chloroform	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Chloromethane	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Cis-1,2-dichloroethene	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Cis-1,3-dichloropropene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Dibromochloromethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Dibromomethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
Ethylbenzene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Iodomethane	1	0.40	0.40	**0.40**	ug/L	U	SW8260B	AIC	J
Methyl ethyl ketone	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Methylene Chloride	1	0.21	0.21	**0.21**	ug/L	U	SW8260B		J
Styrene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Tetrachloroethene	1	0.43	0.43	**0.48**	ug/L	i , V	SW8260B		J
Toluene	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Trans-1,2-dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
Trans-1,3-dichloropropene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Trans-1,4-dichloro-2-butene	1	0.52	0.52	**1.3**	ug/L	U	SW8260B		J
Trichloroethene	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Trichlorofluoromethane	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J

Vinyl Acetate	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Vinyl Chloride	1	0.49	0.49	**0.49**	ug/L	U	SW8260B		J
Xylenes (Total)	1	0.86	0.86	**0.86**	ug/L	U	SW8260B		J

Dissolved Metals

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic, dissolved	1	0.0016	0.0016	**0.0016**	mg/L	U	SW6010B		J
Barium, dissolved	1	0.00076	0.00076	**0.034**	mg/L		SW6010B		J
Beryllium, dissolved	1	0.000059	0.000059	**0.000059**	mg/L	U	SW6010B		J
Cadmium, dissolved	1	0.00036	0.00036	**0.00036**	mg/L	U	SW6010B		J
Chromium, dissolved	1	0.0010	0.0010	**0.0010**	mg/L	U	SW6010B		J
Cobalt, dissolved	1	0.00025	0.00025	**0.00025**	mg/L	U	SW6010B		J
Copper, dissolved	1	0.0011	0.0011	**0.0011**	mg/L	U	SW6010B		J
Iron, dissolved	1	0.019	0.019	**0.43**	mg/L		SW6010B		J
Lead, dissolved	1	0.00091	0.00091	**0.00091**	mg/L	U	SW6010B		J
* Nickel, dissolved	1	0.00085	0.00085	**0.0017**	mg/L	i	SW6010B		J
* Selenium, dissolved	1	0.0022	0.0022	**0.0061**	mg/L	i , V	SW6010B		J
Silver, dissolved	1	0.00017	0.00017	**0.00017**	mg/L	U	SW6010B		J
Sodium, dissolved	1	0.049	0.049	**3.0**	mg/L		SW6010B		J
Vanadium, dissolved	1	0.00016	0.00016	**0.00038**	mg/L	i	SW6010B		J
* Zinc, dissolved	1	0.0025	0.0025	**0.0030**	mg/L	i	SW6010B		J

Dissolved Metals (Hg)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury, dissolved	1	0.000018	0.000018	**0.000018**	mg/L	U	SW7470A		J

Dissolved Metals (Tl)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium, dissolved	1	0.00098	0.00098	**0.00098**	mg/L	U	SW7841		J

Ethylene Dibromide

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,2-Dibromo-3-chloropropane	1	0.0034	0.0034	**0.0034**	ug/L	U	E504.1		J
Ethylene Dibromide	1	0.0069	0.0069	**0.0069**	ug/L	U	E504.1		J

Field Parameters

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Color/Sheen	1			**Wht**			ır/Sheen Field Me		
Conductivity	1			**39**	µmhos/cm		Field		
Dissolved Oxygen	1			**0.90**	mg/L O2		Field		
pH (Field)	1			**5.25**	pH Units		Field		
Temperature	1			**23**	°C		Field		
Turbidity	1			**80**	NTU		Field		

Miscellaneous Analytes

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Ammonia (as N)	1	0.020	0.020	**0.28**	mg/L		E350.1		T
Nitrate (as N)	1	0.13	0.13	**0.13**	mg/L	U	SM4500NO3-F		J
Total Chlorides	1	0.50	0.50	**3.3**	mg/L		E325.2		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033705

Project Name: Trail Ridge GW **Date/Time Received:** 7/1/03 16:15

TDS

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Total Dissolved Solids	1	10	10	**44**	mg/L		E160.1		J

Total Metals

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic	1	0.0016	0.0016	**0.0016**	mg/L	U	SW6010B		J
Barium	1	0.00076	0.00076	**0.052**	mg/L		SW6010B		J
Beryllium	1	0.000059	0.000059	**0.00019**	mg/L	i	SW6010B		J
Cadmium	1	0.00036	0.00036	**0.00036**	mg/L	U	SW6010B		J
Chromium	1	0.0010	0.0010	**0.0038**	mg/L	i	SW6010B		J
Cobalt	1	0.00025	0.00025	**0.00031**	mg/L	i	SW6010B		J
Copper	1	0.0011	0.0011	**0.0011**	mg/L	U	SW6010B		J
Iron	1	0.019	0.019	**0.62**	mg/L		SW6010B		J
Lead	1	0.00091	0.00091	**0.0035**	mg/L	i	SW6010B		J
* Nickel	1	0.00085	0.00085	**0.0032**	mg/L	i	SW6010B		J
* Selenium	1	0.0022	0.0022	**0.0044**	mg/L	i , V	SW6010B		J
Silver	1	0.00017	0.00017	**0.00017**	mg/L	U	SW6010B		J
Sodium	1	0.049	0.049	**3.4**	mg/L		SW6010B		J
Vanadium	1	0.00016	0.00016	**0.0037**	mg/L		SW6010B		J
* Zinc	1	0.0025	0.0025	**0.0040**	mg/L	i	SW6010B		J

Total Metals (Hg)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury	1	0.000018	0.000018	**0.000018**	mg/L	U	SW7470A		J

Total Metals (Sb)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Antimony	1	0.0034	0.0034	**0.0034**	mg/L	U	SW7041A		J

Total Metals (Tl)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium	1	0.00098	0.00098	**0.0012**	mg/L	i	SW7841		J

Surrogates:	Control Limits	% Recovery	Qual.	Method	Prep Method
Tetrachloro-m-xylene	30 - 120	95		E504.1	METHOD
1,2-Dichloroethane-d4	80 - 120	106		SW8260B	SW5030B
4-Bromofluorobenzene	86 - 115	114		SW8260B	SW5030B
Toluene d(8)	88 - 110	106		SW8260B	SW5030B

AIC Alternate initial calibration criteria used (mean RSD <15%)

i The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U The compound was analyzed for but not detected.

V Indicates that the analyte was detected in both the sample and the associated method blank.

J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)

T DOH certification #E84589, Compqap #980174 (AEL-Tampa)

* Comment for Nickel – Analyzed 7-3-03 15:07 due to reanalysis.

* Comment for Nickel, dissolved – Analyzed 7-3-03 15:07 due to reanalysis.

* Comment for Selenium – Analyzed 7-3-03 15:07 due to reanalysis.

* Comment for Selenium, dissolved – Analyzed 7-3-03 15:07 due to reanalysis.

* Comment for Zinc – Analyzed 7-3-03 15:07 due to reanalysis.

* Comment for Zinc, dissolved – Analyzed 7-3-03 15:07 due to reanalysis.

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc.
Project Name: Trail Ridge GW

Report No.: J033705
Date/Time Received: 7/1/03 16:15

Lab Code: J033705-18
Client Sample ID: DUP-1
Site: Duplicate
Matrix: Water
SampleType:

Date/Time Sampled: 7/1/2003
Shipping Method: AEL
Sampled By: DSA/BR
Sampling Method: G

Appendix I Volatile Organic Compunds

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,1,1,2-Tetrachloroethane	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
1,1,1-Trichloroethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
1,1,2,2-Tetrachloroethane	1	0.19	0.19	**0.19**	ug/L	U	SW8260B		J
1,1,2-Trichloroethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
1,1-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,1-Dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
1,2,3-Trichloropropane	1	0.33	0.33	**0.33**	ug/L	U	SW8260B		J
1,2-Dibromo-3-chloropropane	1	0.55	0.55	**0.55**	ug/L	U	SW8260B		J
1,2-Dibromoethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
1,2-Dichlorobenzene	1	0.28	0.28	**0.28**	ug/L	U	SW8260B		J
1,2-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,2-Dichloropropane	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
1,3-Dichloropropene (Total)	1	0.52	0.52	**0.52**	ug/L	U	SW8260B		J
1,4-Dichlorobenzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
2-Hexanone (MBK)	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
4-Methyl-2-pentanone (MIBK)	1	0.35	0.35	**0.35**	ug/L	U	SW8260B		J
Acetone	1	0.71	0.71	**0.71**	ug/L	U	SW8260B	AIC	J
Acrylonitrile	1	1.6	1.6	**1.6**	ug/L	U	SW8260B		J
Benzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
Bromochloromethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Bromodichloromethane	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Bromoform	1	0.25	0.25	**0.25**	ug/L	U	SW8260B	AIC	J
Bromomethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B		J
Carbon Disulfide	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Carbon Tetrachloride	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Chlorobenzene	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Chloroethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B	AIC	J
Chloroform	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Chloromethane	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Cis-1,2-dichloroethene	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Cis-1,3-dichloropropene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Dibromochloromethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Dibromomethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
Ethylbenzene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Iodomethane	1	0.40	0.40	**0.40**	ug/L	U	SW8260B	AIC	J
Methyl ethyl ketone	1	0.25	0.25	**2.5**	ug/L		SW8260B		J
Methylene Chloride	1	0.21	0.21	**0.21**	ug/L	U	SW8260B		J
Styrene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Tetrachloroethene	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Toluene	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Trans-1,2-dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
Trans-1,3-dichloropropene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Trans-1,4-dichloro-2-butene	1	0.52	0.52	**1.3**	ug/L	U	SW8260B		J
Trichloroethene	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Trichlorofluoromethane	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J

Client: Trail Rdge Landfill,Inc. **Report No.:** J033705

Project Name: Trail Ridge GW **Date/Time Received:** 7/1/03 16:15

Vinyl Acetate	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Vinyl Chloride	1	0.49	0.49	**0.49**	ug/L	U	SW8260B		J
Xylenes (Total)	1	0.86	0.86	**0.86**	ug/L	U	SW8260B		J

Ethylene Dibromide

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,2-Dibromo-3-chloropropane	1	0.0034	0.0034	**0.0034**	ug/L	U	E504.1		J
Ethylene Dibromide	1	0.0069	0.0069	**0.0069**	ug/L	U	E504.1		J

Miscellaneous Analytes

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Ammonia (as N)	1	0.020	0.020	**0.12**	mg/L		E350.1		T
Nitrate (as N)	1	0.13	0.13	**0.13**	mg/L	U	SM4500NO3-F		J
Total Chlorides	1	0.50	0.50	**3.3**	mg/L		E325.2		J

TDS

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Total Dissolved Solids	1	10	10	**50**	mg/L		E160.1		J

Total Metals

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic	1	0.0016	0.0016	**0.0016**	mg/L	U	SW6010B		J
Barium	1	0.00076	0.00076	**0.056**	mg/L		SW6010B		J
Beryllium	1	0.000059	0.000059	**0.00011**	mg/L	i	SW6010B		J
Cadmium	1	0.00036	0.00036	**0.00036**	mg/L	U	SW6010B		J
Chromium	1	0.0010	0.0010	**0.0010**	mg/L	U	SW6010B		J
Cobalt	1	0.00025	0.00025	**0.00025**	mg/L	U	SW6010B		J
Copper	1	0.0011	0.0011	**0.0011**	mg/L	U	SW6010B		J
Iron	1	0.019	0.019	**0.38**	mg/L		SW6010B		J
Lead	1	0.00091	0.00091	**0.00091**	mg/L	U	SW6010B		J
Nickel	1	0.00085	0.00085	**0.00085**	mg/L	U	SW6010B		J
* Selenium	1	0.0022	0.0022	**0.0069**	mg/L	i , V	SW6010B		J
Silver	1	0.00017	0.00017	**0.00017**	mg/L	U	SW6010B		J
Sodium	1	0.049	0.049	**2.8**	mg/L		SW6010B		J
Vanadium	1	0.00016	0.00016	**0.00092**	mg/L		SW6010B		J
* Zinc	1	0.0025	0.0025	**0.0032**	mg/L	i	SW6010B		J

Total Metals (Hg)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury	1	0.000018	0.000018	**0.000018**	mg/L	U	SW7470A		J

Total Metals (Sb)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
* Antimony	1	0.0034	0.0034	**0.0034**	mg/L	U , J4	SW7041A		J

Total Metals (Tl)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium	1	0.00098	0.00098	**0.00098**	mg/L	U	SW7841		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033705

Project Name: Trail Ridge GW **Date/Time Received:** 7/1/03 16:15

Surrogates:	Control Limits	% Recovery	Qual.	Method	Prep Method
Tetrachloro-m-xylene	30 - 120	114		E504.1	METHOD
1,2-Dichloroethane-d4	80 - 120	106		SW8260B	SW5030B
4-Bromofluorobenzene	86 - 115	114		SW8260B	SW5030B
Toluene d(8)	88 - 110	106		SW8260B	SW5030B

AIC Alternate initial calibration criteria used (mean RSD <15%)

i The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

J4 The sample matrix interfered with the ability to make an accurate determination.

U The compound was analyzed for but not detected.

V Indicates that the analyte was detected in both the sample and the associated method blank.

J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)

T DOH certification #E84589, Compqap #980174 (AEL-Tampa)

* Comment for Antimony -- J4 qualifier due to matrix spike recovery 124%, matrix spike duplicate recovery 125% for this sample.

* Comment for Selenium -- Analyzed 7-3-03 18:01 due to reanalysis.

* Comment for Zinc -- Analyzed 7-3-03 18:01 due to reanalysis.

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc.
Project Name: Trail Ridge GW

Report No.: J033705
Date/Time Received: 7/1/03 16:15

Lab Code: J033705-19
Client Sample ID: DUP-2
Site: Duplicate
Matrix: Water
SampleType:

Date/Time Sampled: 7/1/2003
Shipping Method: AEL
Sampled By: DSA/BR
Sampling Method: G

Appendix I Volatile Organic Compunds

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,1,1,2-Tetrachloroethane	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
1,1,1-Trichloroethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
1,1,2,2-Tetrachloroethane	1	0.19	0.19	**0.19**	ug/L	U	SW8260B		J
1,1,2-Trichloroethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
1,1-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,1-Dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
1,2,3-Trichloropropane	1	0.33	0.33	**0.33**	ug/L	U	SW8260B		J
1,2-Dibromo-3-chloropropane	1	0.55	0.55	**0.55**	ug/L	U	SW8260B		J
1,2-Dibromoethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
1,2-Dichlorobenzene	1	0.28	0.28	**0.28**	ug/L	U	SW8260B		J
1,2-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,2-Dichloropropane	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
1,3-Dichloropropene (Total)	1	0.52	0.52	**0.52**	ug/L	U	SW8260B		J
1,4-Dichlorobenzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
2-Hexanone (MBK)	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
4-Methyl-2-pentanone (MIBK)	1	0.35	0.35	**0.35**	ug/L	U	SW8260B		J
Acetone	1	0.71	0.71	**1.6**	ug/L	i	SW8260B	AIC	J
Acrylonitrile	1	1.6	1.6	**1.6**	ug/L	U	SW8260B		J
Benzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
Bromochloromethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Bromodichloromethane	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Bromoform	1	0.25	0.25	**0.25**	ug/L	U	SW8260B	AIC	J
Bromomethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B		J
Carbon Disulfide	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Carbon Tetrachloride	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Chlorobenzene	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Chloroethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B	AIC	J
Chloroform	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Chloromethane	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Cis-1,2-dichloroethene	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Cis-1,3-dichloropropene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Dibromochloromethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Dibromomethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
Ethylbenzene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Iodomethane	1	0.40	0.40	**0.40**	ug/L	U	SW8260B	AIC	J
Methyl ethyl ketone	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Methylene Chloride	1	0.21	0.21	**0.21**	ug/L	U	SW8260B		J
Styrene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Tetrachloroethene	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Toluene	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Trans-1,2-dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
Trans-1,3-dichloropropene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Trans-1,4-dichloro-2-butene	1	0.52	0.52	**1.3**	ug/L	U	SW8260B		J
Trichloroethene	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Trichlorofluoromethane	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033705

Project Name: Trail Ridge GW **Date/Time Received:** 7/1/03 16:15

Vinyl Acetate	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Vinyl Chloride	1	0.49	0.49	**0.49**	ug/L	U	SW8260B		J
Xylenes (Total)	1	0.86	0.86	**0.86**	ug/L	U	SW8260B		J

Ethylene Dibromide

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,2-Dibromo-3-chloropropane	1	0.0034	0.0034	**0.0034**	ug/L	U	E504.1		J
Ethylene Dibromide	1	0.0069	0.0069	**0.0069**	ug/L	U	E504.1		J

Miscellaneous Analytes

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Ammonia (as N)	1	0.020	0.020	**0.12**	mg/L		E350.1		T
Nitrate (as N)	1	0.13	0.13	**0.13**	mg/L	U	SM4500NO3-F		J
Total Chlorides	1	0.50	0.50	**1.9**	mg/L	i	E325.2		J

TDS

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Total Dissolved Solids	1	10	10	**36**	mg/L		E160.1		J

Total Metals

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic	1	0.0016	0.0016	**0.0016**	mg/L	U	SW6010B		J
Barium	1	0.00076	0.00076	**0.021**	mg/L		SW6010B		J
Beryllium	1	0.000059	0.000059	**0.000065**	mg/L	i	SW6010B		J
Cadmium	1	0.00036	0.00036	**0.00036**	mg/L	U	SW6010B		J
Chromium	1	0.0010	0.0010	**0.0010**	mg/L	U	SW6010B		J
Cobalt	1	0.00025	0.00025	**0.00025**	mg/L	U	SW6010B		J
Copper	1	0.0011	0.0011	**0.0011**	mg/L	U	SW6010B		J
Iron	1	0.019	0.019	**0.61**	mg/L		SW6010B		J
Lead	1	0.00091	0.00091	**0.00091**	mg/L	U	SW6010B		J
Nickel	1	0.00085	0.00085	**0.00085**	mg/L	U	SW6010B		J
* Selenium	1	0.0022	0.0022	**0.0064**	mg/L	i , V	SW6010B		J
Silver	1	0.00017	0.00017	**0.00017**	mg/L	U	SW6010B		J
Sodium	1	0.049	0.049	**3.0**	mg/L		SW6010B		J
Vanadium	1	0.00016	0.00016	**0.00064**	mg/L	i	SW6010B		J
* Zinc	1	0.0025	0.0025	**0.0029**	mg/L	i	SW6010B		J

Total Metals (Hg)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury	1	0.000018	0.000018	**0.000018**	mg/L	U	SW7470A		J

Total Metals (Sb)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Antimony	1	0.0034	0.0034	**0.0034**	mg/L	U	SW7041A		J

Total Metals (Tl)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium	1	0.00098	0.00098	**0.00098**	mg/L	U	SW7841		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033705

Project Name: Trail Ridge GW **Date/Time Received:** 7/1/03 16:15

Surrogates:	Control Limits	% Recovery	Qual.	Method	Prep Method
Tetrachloro-m-xylene	30 - 120	106		E504.1	METHOD
1,2-Dichloroethane-d4	80 - 120	106		SW8260B	SW5030B
4-Bromofluorobenzene	86 - 115	114		SW8260B	SW5030B
Toluene d(8)	88 - 110	106		SW8260B	SW5030B

AIC Alternate initial calibration criteria used (mean RSD <15%)

i The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U The compound was analyzed for but not detected.

V Indicates that the analyte was detected in both the sample and the associated method blank.

J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)

T DOH certification #E84589, Compqap #980174 (AEL-Tampa)

* Comment for Selenium – Analyzed 7-3-03 18:01 due to reanalysis.

* Comment for Zinc – Analyzed 7-3-03 18:01 due to reanalysis.

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc.
Project Name: Trail Ridge GW

Report No.: J033705
Date/Time Received: 7/1/03 16:15

Lab Code: J033705-20
Client Sample ID: TB
Site: Trip Blank
Matrix: Water
SampleType:

Date/Time Sampled: 7/1/2003
Shipping Method: AEL
Sampled By: DSA/BR
Sampling Method: G

Appendix I Volatile Organic Compunds

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,1,1,2-Tetrachloroethane	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
1,1,1-Trichloroethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
1,1,2,2-Tetrachloroethane	1	0.19	0.19	**0.19**	ug/L	U	SW8260B		J
1,1,2-Trichloroethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
1,1-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,1-Dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
1,2,3-Trichloropropane	1	0.33	0.33	**0.33**	ug/L	U	SW8260B		J
1,2-Dibromo-3-chloropropane	1	0.55	0.55	**0.55**	ug/L	U	SW8260B		J
1,2-Dibromoethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
1,2-Dichlorobenzene	1	0.28	0.28	**0.28**	ug/L	U	SW8260B		J
1,2-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,2-Dichloropropane	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
1,3-Dichloropropene (Total)	1	0.52	0.52	**0.52**	ug/L	U	SW8260B		J
1,4-Dichlorobenzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
2-Hexanone (MBK)	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
4-Methyl-2-pentanone (MIBK)	1	0.35	0.35	**0.35**	ug/L	U	SW8260B		J
Acetone	1	0.71	0.71	**3.6**	ug/L		SW8260B	AIC	J
Acrylonitrile	1	1.6	1.6	**1.6**	ug/L	U	SW8260B		J
Benzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
Bromochloromethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Bromodichloromethane	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Bromoform	1	0.25	0.25	**0.25**	ug/L	U	SW8260B	AIC	J
Bromomethane	1	0.47	0.47	**0.71**	ug/L	i	SW8260B		J
Carbon Disulfide	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Carbon Tetrachloride	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Chlorobenzene	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Chloroethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B	AIC	J
Chloroform	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Chloromethane	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Cis-1,2-dichloroethene	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Cis-1,3-dichloropropene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Dibromochloromethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Dibromomethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
Ethylbenzene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Iodomethane	1	0.40	0.40	**0.67**	ug/L	i	SW8260B	AIC	J
Methyl ethyl ketone	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Methylene Chloride	1	0.21	0.21	**0.21**	ug/L	U	SW8260B		J
Styrene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Tetrachloroethene	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Toluene	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Trans-1,2-dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
Trans-1,3-dichloropropene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Trans-1,4-dichloro-2-butene	1	0.52	0.52	**1.3**	ug/L	U	SW8260B		J
Trichloroethene	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Trichlorofluoromethane	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033705

Project Name: Trail Ridge GW **Date/Time Received:** 7/1/03 16:15

Vinyl Acetate	1	0.31	0.31	**0.31**	ug/L	U	SW8260B	J
Vinyl Chloride	1	0.49	0.49	**0.49**	ug/L	U	SW8260B	J
Xylenes (Total)	1	0.86	0.86	**0.86**	ug/L	U	SW8260B	J

Surrogates:	Control Limits	% Recovery	Qual.	Method	Prep Method
1,2-Dichloroethane-d4	80 - 120	102		SW8260B	SW5030B
4-Bromofluorobenzene	86 - 115	114		SW8260B	SW5030B
Toluene d(8)	88 - 110	106		SW8260B	SW5030B

AIC Alternate initial calibration criteria used (mean RSD <15%)

i The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U The compound was analyzed for but not detected.

J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc.
Project Name: Trail Ridge GW

Report No.: J033705
Date/Time Received: 7/1/03 16:15

Lab Code: J033705-21
Client Sample ID: MWB-29S
Site: Monitoring Well
Matrix: Water
SampleType:

Date/Time Sampled: 7/1/2003 11:12
Shipping Method: AEL
Sampled By: DSA/BR
Sampling Method: G

Appendix I Volatile Organic Compounds

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,1,1,2-Tetrachloroethane	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
1,1,1-Trichloroethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
1,1,2,2-Tetrachloroethane	1	0.19	0.19	**0.19**	ug/L	U	SW8260B		J
1,1,2-Trichloroethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
1,1-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,1-Dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
1,2,3-Trichloropropane	1	0.33	0.33	**0.33**	ug/L	U	SW8260B		J
1,2-Dibromo-3-chloropropane	1	0.55	0.55	**0.55**	ug/L	U	SW8260B		J
1,2-Dibromoethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
1,2-Dichlorobenzene	1	0.28	0.28	**0.28**	ug/L	U	SW8260B		J
1,2-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,2-Dichloropropane	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
1,3-Dichloropropene (Total)	1	0.52	0.52	**0.52**	ug/L	U	SW8260B		J
1,4-Dichlorobenzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
2-Hexanone (MBK)	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
4-Methyl-2-pentanone (MIBK)	1	0.35	0.35	**0.35**	ug/L	U	SW8260B		J
Acetone	1	0.71	0.71	**0.71**	ug/L	U	SW8260B	AIC	J
Acrylonitrile	1	1.6	1.6	**1.6**	ug/L	U	SW8260B		J
Benzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
Bromochloromethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Bromodichloromethane	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Bromoform	1	0.25	0.25	**0.25**	ug/L	U	SW8260B	AIC	J
Bromomethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B		J
Carbon Disulfide	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Carbon Tetrachloride	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Chlorobenzene	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Chloroethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B	AIC	J
Chloroform	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Chloromethane	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Cis-1,2-dichloroethene	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Cis-1,3-dichloropropene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Dibromochloromethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Dibromomethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
Ethylbenzene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Iodomethane	1	0.40	0.40	**0.40**	ug/L	U	SW8260B	AIC	J
Methyl ethyl ketone	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Methylene Chloride	1	0.21	0.21	**0.21**	ug/L	U	SW8260B		J
Styrene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Tetrachloroethene	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Toluene	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Trans-1,2-dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
Trans-1,3-dichloropropene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Trans-1,4-dichloro-2-butene	1	0.52	0.52	**1.3**	ug/L	U	SW8260B		J
Trichloroethene	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Trichlorofluoromethane	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033705

Project Name: Trail Ridge GW **Date/Time Received:** 7/1/03 16:15

Vinyl Acetate	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Vinyl Chloride	1	0.49	0.49	**0.49**	ug/L	U	SW8260B		J
Xylenes (Total)	1	0.86	0.86	**0.86**	ug/L	U	SW8260B		J

Ethylene Dibromide

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,2-Dibromo-3-chloropropane	1	0.0034	0.0034	**0.0034**	ug/L	U	E504.1		J
Ethylene Dibromide	1	0.0069	0.0069	**0.0069**	ug/L	U	E504.1		J

Field Parameters

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Color/Sheen	1			None			r/Sheen Field Me		
Conductivity	1			**37**	µmhos/cm		Field		
Dissolved Oxygen	1			**1.3**	mg/L O2		Field		
pH (Field)	1			**4.95**	pH Units		Field		
Temperature	1			**25**	°C		Field		
Turbidity	1			**3.4**	NTU		Field		

Miscellaneous Analytes

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Ammonia (as N)	1	0.020	0.020	**0.30**	mg/L		E350.1		T
Nitrate (as N)	1	0.13	0.13	**0.13**	mg/L	U	SM4500NO3-F		J
Total Chlorides	1	0.50	0.50	**4.1**	mg/L		E325.2		

TDS

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Total Dissolved Solids	1	10	10	**45**	mg/L		E160.1		J

Total Metals

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic	1	0.0016	0.0016	**0.0016**	mg/L	U	SW6010B		J
Barium	1	0.00076	0.00076	**0.0084**	mg/L		SW6010B		J
Beryllium	1	0.000059	0.000059	**0.000059**	mg/L	U	SW6010B		J
Cadmium	1	0.00036	0.00036	**0.00036**	mg/L	U	SW6010B		J
Chromium	1	0.0010	0.0010	**0.0010**	mg/L	U	SW6010B		J
Cobalt	1	0.00025	0.00025	**0.00025**	mg/L	U	SW6010B		J
Copper	1	0.0011	0.0011	**0.0011**	mg/L	U	SW6010B		J
Iron	1	0.019	0.019	**0.33**	mg/L		SW6010B		J
Lead	1	0.00091	0.00091	**0.00091**	mg/L	U	SW6010B		J
Nickel	1	0.00085	0.00085	**0.00085**	mg/L	U	SW6010B		J
* Selenium	1	0.0022	0.0022	**0.0037**	mg/L	i , V	SW6010B		J
Silver	1	0.00017	0.00017	**0.00017**	mg/L	U	SW6010B		J
Sodium	1	0.049	0.049	**3.1**	mg/L		SW6010B		J
Vanadium	1	0.00016	0.00016	**0.00035**	mg/L	i	SW6010B		J
* Zinc	1	0.0025	0.0025	**0.0040**	mg/L	i	SW6010B		J

Total Metals (Hg)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury	1	0.000018	0.000018	**0.000018**	mg/L	U	SW7470A		

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033705

Project Name: Trail Ridge GW **Date/Time Received:** 7/1/03 16:15

Total Metals (Sb)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Antimony	1	0.0034	0.0034	**0.0034**	mg/L	U	SW7041A		J

Total Metals (Tl)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium	1	0.00098	0.00098	**0.00098**	mg/L	U	SW7841		J

Surrogates:	Control Limits	% Recovery	Qual.	Method	Prep Method
Tetrachloro-m-xylene	30 - 120	103		E504.1	METHOD
1,2-Dichloroethane-d4	80 - 120	106		SW8260B	SW5030B
4-Bromofluorobenzene	86 - 115	116	J1	SW8260B	SW5030B
Toluene d(8)	88 - 110	104		SW8260B	SW5030B

AIC Alternate initial calibration criteria used (mean RSD <15%)

i The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

J1 Surrogate recovery limits have been exceeded.

U The compound was analyzed for but not detected.

V Indicates that the analyte was detected in both the sample and the associated method blank.

J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)

T DOH certification #E84589, Compqap #980174 (AEL-Tampa)

* Comment for Selenium – Analyzed 7-3-03 18:01 due to reanalysis.

* Comment for Zinc – Analyzed 7-3-03 18:01 due to reanalysis.

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033705

Project Name: Trail Ridge GW **Date/Time Received:** 7/1/03 16:15

Sample Cross Reference Information

Lab Code: J033705-01 **Site: Monitoring Well**

Client Sample Number: MWB-29D **Matrix: Water**

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time	Analyst	Prep Batch ID	Prep Date/Time
Ammonia (as N)	E350.1	NONE	wct070803nh31	7/8/2003 13:15	DLS		
Appendix I Volatile Organic Compunds	SW8260B	SW5030B	v070103a	7/1/2003 19:04	JA	v070103a	7/1/2003 19:04:0
Ethylene Dibromide	E504.1	METHOD	sv071103f-edb	7/11/2003 19:13	MP	SV071103-EDB	7/11/2003 09:00:
Nitrate (as N)	SM4500NO3-F	NONE	WCJ-070203-NITR	7/2/2003 09:47	KDC		
TDS	E160.1	NONE	WCJ-070803-TDS1	7/8/2003 07:30	AGF		
Total Chlorides	E325.2	NONE	WCJ-070703-CL	7/1/703 10:50	KDC		
Total Metals	SW6010B	SW3010A	M070203-3010 #1	7/2/2003 20:19	KC	M070203-3010 #1	7/2/2003 07:21:0
Total Metals (Hg)	SW7470A	METHOD	M070803-HG #2	7/8/2003 10:29	TP	M070803-HG #2	7/8/2003 04:30:0
Total Metals (Sb)	SW7041A	SW3020A	M070203-3020SB1	7/8/2003 07:37	KC	M070203-3020 #1	7/2/2003 07:32:0
Total Metals (Tl)	SW7841	SW3020A	M070203-3020TL1	7/2/2003 16:14	KC	M070203-3020 #1	7/2/2003 07:32:0

Lab Code: J033705-02 **Site: Monitoring Well**

Client Sample Number: MWB-2I **Matrix: Water**

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time	Analyst	Prep Batch ID	Prep Date/Time
Ammonia (as N)	E350.1	NONE	wct070803nh31	7/8/2003 13:15	DLS		
Appendix I Volatile Organic Compunds	SW8260B	SW5030B	v070103a	7/1/2003 19:04	JA	v070103a	7/1/2003 19:04:0
Ethylene Dibromide	E504.1	METHOD	sv071103f-edb	7/11/2003 19:13	MP	SV071103-EDB	7/11/2003 09:00:
Nitrate (as N)	SM4500NO3-F	NONE	WCJ-070203-NITR	7/2/2003 09:47	KDC		
TDS	E160.1	NONE	WCJ-070803-TDS1	7/8/2003 07:30	AGF		
Total Chlorides	E325.2	NONE	WCJ-070703-CL	7/1/703 10:50	KDC		
Total Metals	SW6010B	SW3010A	M070203-3010 #1	7/2/2003 20:19	KC	M070203-3010 #1	7/2/2003 07:21:
Total Metals (Hg)	SW7470A	METHOD	M070803-HG #2	7/8/2003 10:29	TP	M070803-HG #2	7/8/2003 04:30:
Total Metals (Sb)	SW7041A	SW3020A	M070203-3020SB1	7/8/2003 07:37	KC	M070203-3020 #1	7/2/2003 07:32:0
Total Metals (Tl)	SW7841	SW3020A	M070203-3020TL1	7/2/2003 16:14	KC	M070203-3020 #1	7/2/2003 07:32:0

Lab Code: J033705-03 **Site: Monitoring Well**

Client Sample Number: MWB-31D **Matrix: Water**

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time	Analyst	Prep Batch ID	Prep Date/Time
Ammonia (as N)	E350.1	NONE	wct070803nh31	7/8/2003 13:15	DLS		
Appendix I Volatile Organic Compunds	SW8260B	SW5030B	v070103a	7/1/2003 19:04	JA	v070103a	7/1/2003 19:04:0
Ethylene Dibromide	E504.1	METHOD	sv071103f-edb	7/11/2003 19:13	MP	SV071103-EDB	7/11/2003 09:00:
Nitrate (as N)	SM4500NO3-F	NONE	WCJ-070203-NITR	7/2/2003 09:47	KDC		
TDS	E160.1	NONE	WCJ-070803-TDS1	7/8/2003 07:30	AGF		
Total Chlorides	E325.2	NONE	WCJ-070703-CL	7/1/703 10:50	KDC		
Total Metals	SW6010B	SW3010A	M070203-3010 #1	7/2/2003 20:19	KC	M070203-3010 #1	7/2/2003 07:21:0
Total Metals (Hg)	SW7470A	METHOD	M070803-HG #2	7/8/2003 10:29	TP	M070803-HG #2	7/8/2003 04:30:0
Total Metals (Sb)	SW7041A	SW3020A	M070203-3020SB1	7/8/2003 07:37	KC	M070203-3020 #1	7/2/2003 07:32:0
Total Metals (Tl)	SW7841	SW3020A	M070203-3020TL1	7/2/2003 16:14	KC	M070203-3020 #1	7/2/2003 07:32:0

Lab Code: J033705-04 **Site: Monitoring Well**

Client Sample Number: MWB-3S **Matrix: Water**

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time	Analyst	Prep Batch ID	Prep Date/Time
Ammonia (as N)	E350.1	NONE	wct070803nh31	7/8/2003 13:15	DLS		
Appendix I Volatile Organic Compunds	SW8260B	SW5030B	v070103a	7/1/2003 19:04	JA	v070103a	7/1/2003 19:04:0
Ethylene Dibromide	E504.1	METHOD	sv071103f-edb	7/11/2003 19:13	MP	SV071103-EDB	7/11/2003 09:00:
Nitrate (as N)	SM4500NO3-F	NONE	WCJ-070203-NITR	7/2/2003 09:47	KDC		
TDS	E160.1	NONE	WCJ-070803-TDS1	7/8/2003 07:30	AGF		
Total Chlorides	E325.2	NONE	WCJ-070703-CL	7/1/703 10:50	KDC		
Total Metals	SW6010B	SW3010A	M070203-3010 #1	7/2/2003 20:19	KC	M070203-3010 #1	7/2/2003 07:21:0
Total Metals (Hg)	SW7470A	METHOD	M070803-HG #2	7/8/2003 10:29	TP	M070803-HG #2	7/8/2003 04:30:0
Total Metals (Sb)	SW7041A	SW3020A	M070203-3020SB1	7/8/2003 07:37	KC	M070203-3020 #1	7/2/2003 07:32:0
Total Metals (Tl)	SW7841	SW3020A	M070203-3020TL1	7/2/2003 16:14	KC	M070203-3020 #1	7/2/2003 07:32:

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033705

Project Name: Trail Ridge GW **Date/Time Received:** 7/1/03 16:15

Lab Code: J033705-05 **Site: Monitoring Well**

Client Sample Number: MWB-7S **Matrix: Water**

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time		Analyst	Prep Batch ID	Prep Date/Time
Ammonia (as N)	E350.1	NONE	wct070803nh31	7/8/2003	13:15	DLS		
Appendix I Volatile Organic Compunds	SW8260B	SW5030B	v070103a	7/1/2003	19:04	JA	v070103a	7/1/2003 19:04:0
Dissolved Metals	SW6010B	SW3005A	M070203-3010 #1	7/2/2003	20:19	KC	M070203-3010 #1	7/2/2003 07:21:0
Dissolved Metals (Hg)	SW7470A	METHOD	M070803-HG #2	7/8/2003	10:29	TP	M070803-HG #2	7/8/2003 04:30:0
Dissolved Metals (Sb)	SW7041A	SW3005A	M070203-3020SB1	7/8/2003	07:37	KC	M070203-3020 #1	7/2/2003 07:32:0
Dissolved Metals (Tl)	SW7841	SW3005A	M070203-3020TL1	7/2/2003	16:14	KC	M070203-3020 #1	7/2/2003 07:32:0
Ethylene Dibromide	E504.1	METHOD	sv071103f-edb	7/11/2003	19:13	MP	SV071103-EDB	7/11/2003 09:00:
Nitrate (as N)	SM4500NO3-F	NONE	WCJ-070203-NITR	7/2/2003	09:47	KDC		
TDS	E160.1	NONE	WCJ-070803-TDS1	7/8/2003	07:30	AGF		
Total Chlorides	E325.2	NONE	WCJ-070703-CL	7/1/703	10:50	KDC		
Total Metals	SW6010B	SW3010A	M070203-3010 #1	7/2/2003	20:19	KC	M070203-3010 #1	7/2/2003 07:21:0
Total Metals (Hg)	SW7470A	METHOD	M070803-HG #2	7/8/2003	10:29	TP	M070803-HG #2	7/8/2003 04:30:0
Total Metals (Sb)	SW7041A	SW3020A	M070203-3020SB1	7/8/2003	07:37	KC	M070203-3020 #1	7/2/2003 07:32:0
Total Metals (Tl)	SW7841	SW3020A	M070203-3020TL1	7/2/2003	16:14	KC	M070203-3020 #1	7/2/2003 07:32:0

Lab Code: J033705-06 **Site: Monitoring Well**

Client Sample Number: MWB-7D **Matrix: Water**

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time		Analyst	Prep Batch ID	Prep Date/Time
Ammonia (as N)	E350.1	NONE	wct070803nh31	7/8/2003	13:15	DLS		
Appendix I Volatile Organic Compunds	SW8260B	SW5030B	v070103a	7/1/2003	19:04	JA	v070103a	7/1/2003 19:04:0
Ethylene Dibromide	E504.1	METHOD	sv071103f-edb	7/11/2003	19:13	MP	SV071103-EDB	7/11/2003 09:00:
Nitrate (as N)	SM4500NO3-F	NONE	WCJ-070203-NITR	7/2/2003	09:47	KDC		
TDS	E160.1	NONE	WCJ-070803-TDS1	7/8/2003	07:30	AGF		
Total Chlorides	E325.2	NONE	WCJ-070703-CL	7/1/703	10:50	KDC		
Total Metals	SW6010B	SW3010A	M070203-3010 #1	7/2/2003	20:19	KC	M070203-3010 #1	7/2/2003 07:21:0
Total Metals (Hg)	SW7470A	METHOD	M070803-HG #2	7/8/2003	10:29	TP	M070803-HG #2	7/8/2003 04:30:0
Total Metals (Sb)	SW7041A	SW3020A	M070203-3020SB1	7/8/2003	07:37	KC	M070203-3020 #1	7/2/2003 07:32:0
Total Metals (Tl)	SW7841	SW3020A	M070203-3020TL1	7/2/2003	16:14	KC	M070203-3020 #1	7/2/2003 07:32:0

Lab Code: J033705-07 **Site: Monitoring Well**

Client Sample Number: MWB-7I **Matrix: Water**

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time		Analyst	Prep Batch ID	Prep Date/Time
Ammonia (as N)	E350.1	NONE	wct070803nh31	7/8/2003	13:15	DLS		
Appendix I Volatile Organic Compunds	SW8260B	SW5030B	v070103a	7/1/2003	19:04	JA	v070103a	7/1/2003 19:04:0
Ethylene Dibromide	E504.1	METHOD	sv071103f-edb	7/11/2003	19:13	MP	SV071103-EDB	7/11/2003 09:00:
Nitrate (as N)	SM4500NO3-F	NONE	WCJ-070203-NITR	7/2/2003	09:47	KDC		
TDS	E160.1	NONE	WCJ-070803-TDS1	7/8/2003	07:30	AGF		
Total Chlorides	E325.2	NONE	WCJ-070703-CL	7/1/703	10:50	KDC		
Total Metals	SW6010B	SW3010A	M070203-3010 #1	7/2/2003	20:19	KC	M070203-3010 #1	7/2/2003 07:21:0
Total Metals (Hg)	SW7470A	METHOD	M070803-HG #2	7/8/2003	10:29	TP	M070803-HG #2	7/8/2003 04:30:0
Total Metals (Sb)	SW7041A	SW3020A	M070203-3020SB1	7/8/2003	07:37	KC	M070203-3020 #1	7/2/2003 07:32:0
Total Metals (Tl)	SW7841	SW3020A	M070203-3020TL1	7/2/2003	16:14	KC	M070203-3020 #1	7/2/2003 07:32:0

Lab Code: J033705-08 **Site: Monitoring Well**

Client Sample Number: MWB-19S **Matrix: Water**

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time		Analyst	Prep Batch ID	Prep Date/Time
Ammonia (as N)	E350.1	NONE	wct070803nh31	7/8/2003	13:15	DLS		
Appendix I Volatile Organic Compunds	SW8260B	SW5030B	v070103a	7/1/2003	19:04	JA	v070103a	7/1/2003 19:04:0
Ethylene Dibromide	E504.1	METHOD	sv071103f-edb	7/11/2003	19:13	MP	SV071103-EDB	7/11/2003 09:00:
Nitrate (as N)	SM4500NO3-F	NONE	WCJ-070203-NITR	7/2/2003	09:47	KDC		
TDS	E160.1	NONE	WCJ-070803-TDS1	7/8/2003	07:30	AGF		
Total Chlorides	E325.2	NONE	WCJ-070703-CL	7/1/703	10:50	KDC		
Total Metals	SW6010B	SW3010A	M070203-3010 #1	7/2/2003	20:19	KC	M070203-3010 #1	7/2/2003 07:21:0
Total Metals (Hg)	SW7470A	METHOD	M070803-HG #2	7/8/2003	10:29	TP	M070803-HG #2	7/8/2003 04:30:0
Total Metals (Sb)	SW7041A	SW3020A	M070203-3020SB1	7/8/2003	07:37	KC	M070203-3020 #1	7/2/2003 07:32:0
Total Metals (Tl)	SW7841	SW3020A	M070203-3020TL1	7/2/2003	16:14	KC	M070203-3020 #1	7/2/2003 07:32:0

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033705

Project Name: Trail Ridge GW **Date/Time Received:** 7/1/03 16:15

Lab Code: J033705-09 **Site: Monitoring Well**

Client Sample Number: MWB-19I **Matrix: Water**

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time		Analyst	Prep Batch ID	Prep Date/Time
Ammonia (as N)	E350.1	NONE	wct070803nh31	7/8/2003	13:15	DLS		
Appendix I Volatile Organic Compunds	SW8260B	SW5030B	v070103a	7/1/2003	19:04	JA	v070103a	7/1/2003 19:04:0
Dissolved Metals	SW6010B	SW3005A	M070203-3010 #1	7/2/2003	20:19	KC	M070203-3010 #1	7/2/2003 07:21:0
Dissolved Metals (Hg)	SW7470A	METHOD	M070803-HG #2	7/8/2003	10:29	TP	M070803-HG #2	7/8/2003 04:30:0
Dissolved Metals (Sb)	SW7041A	SW3005A	M070203-3020SB1	7/8/2003	07:37	KC	M070203-3020 #1	7/2/2003 07:32:0
Dissolved Metals (Tl)	SW7841	SW3005A	M070203-3020TL1	7/2/2003	16:14	KC	M070203-3020 #1	7/2/2003 07:32:0
Ethylene Dibromide	E504.1	METHOD	sv071103f-edb	7/11/2003	19:13	MP	SV071103-EDB	7/11/2003 09:00:
Nitrate (as N)	SM4500NO3-F	NONE	WCJ-070203-NITR	7/2/2003	09:47	KDC		
TDS	E160.1	NONE	WCJ-070803-TDS1	7/8/2003	07:30	AGF		
Total Chlorides	E325.2	NONE	WCJ-070703-CL	7/1/703	10:50	KDC		
Total Metals	SW6010B	SW3010A	M070203-3010 #1	7/2/2003	20:19	KC	M070203-3010 #1	7/2/2003 07:21:0
Total Metals (Hg)	SW7470A	METHOD	M070803-HG #2	7/8/2003	10:29	TP	M070803-HG #2	7/8/2003 04:30:0
Total Metals (Sb)	SW7041A	SW3020A	M070203-3020SB1	7/8/2003	07:37	KC	M070203-3020 #1	7/2/2003 07:32:0
Total Metals (Tl)	SW7841	SW3020A	M070203-3020TL1	7/2/2003	16:14	KC	M070203-3020 #1	7/2/2003 07:32:0

Lab Code: J033705-10 **Site: Monitoring Well**

Client Sample Number: MWB-19D **Matrix: Water**

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time		Analyst	Prep Batch ID	Prep Date/Time
Ammonia (as N)	E350.1	NONE	wct070803nh31	7/8/2003	13:15	DLS		
Appendix I Volatile Organic Compunds	SW8260B	SW5030B	v070103a	7/1/2003	19:04	JA	v070103a	7/1/2003 19:04:0
Ethylene Dibromide	E504.1	METHOD	sv071103f-edb	7/11/2003	19:13	MP	SV071103-EDB	7/11/2003 09:00:
Nitrate (as N)	SM4500NO3-F	NONE	WCJ-070203-NITR	7/2/2003	09:47	KDC		
TDS	E160.1	NONE	WCJ-070803-TDS1	7/8/2003	07:30	AGF		
Total Chlorides	E325.2	NONE	WCJ-070703-CL	7/1/703	10:50	KDC		
Total Metals	SW6010B	SW3010A	M070203-3010 #1	7/2/2003	20:19	KC	M070203-3010 #1	7/2/2003 07:21:0
Total Metals (Hg)	SW7470A	METHOD	M070803-HG #2	7/8/2003	10:29	TP	M070803-HG #2	7/8/2003 04:30:0
Total Metals (Sb)	SW7041A	SW3020A	M070203-3020SB1	7/8/2003	07:37	KC	M070203-3020 #1	7/2/2003 07:32:0
Total Metals (Tl)	SW7841	SW3020A	M070203-3020TL1	7/2/2003	16:14	KC	M070203-3020 #1	7/2/2003 07:32:0

Lab Code: J033705-11 **Site: Monitoring Well**

Client Sample Number: MWB-17I **Matrix: Water**

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time		Analyst	Prep Batch ID	Prep Date/Time
Ammonia (as N)	E350.1	NONE	wct070803nh31	7/8/2003	13:15	DLS		
Appendix I Volatile Organic Compunds	SW8260B	SW5030B	v070103a	7/1/2003	19:04	JA	v070103a	7/1/2003 19:04:0
Ethylene Dibromide	E504.1	METHOD	sv071103f-edb	7/11/2003	19:13	MP	SV071103-EDB	7/11/2003 09:00:
Nitrate (as N)	SM4500NO3-F	NONE	WCJ-070203-NITR	7/2/2003	09:47	KDC		
TDS	E160.1	NONE	WCJ-070803-TDS1	7/8/2003	07:30	AGF		
Total Chlorides	E325.2	NONE	WCJ-070703-CL	7/1/703	10:50	KDC		
Total Metals	SW6010B	SW3010A	M070203-3010 #1	7/2/2003	20:19	KC	M070203-3010 #1	7/2/2003 07:21:0
Total Metals (Hg)	SW7470A	METHOD	M070803-HG #2	7/8/2003	10:29	TP	M070803-HG #2	7/8/2003 04:30:0
Total Metals (Sb)	SW7041A	SW3020A	M070203-3020SB1	7/8/2003	07:37	KC	M070203-3020 #1	7/2/2003 07:32:0
Total Metals (Tl)	SW7841	SW3020A	M070203-3020TL1	7/2/2003	16:14	KC	M070203-3020 #1	7/2/2003 07:32:0

Lab Code: J033705-12 **Site: Monitoring Well**

Client Sample Number: MWB-17S **Matrix: Water**

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time		Analyst	Prep Batch ID	Prep Date/Time
Ammonia (as N)	E350.1	NONE	wct070803nh31	7/8/2003	13:15	DLS		
Appendix I Volatile Organic Compunds	SW8260B	SW5030B	v070103a	7/1/2003	19:20	JA	v070103a	7/1/2003 19:20:0
Ethylene Dibromide	E504.1	METHOD	sv071103f-edb	7/11/2003	19:13	MP	SV071103-EDB	7/11/2003 09:00:
Nitrate (as N)	SM4500NO3-F	NONE	WCJ-070203-NITR	7/2/2003	09:47	KDC		
TDS	E160.1	NONE	WCJ-070803-TDS1	7/8/2003	07:30	AGF		
Total Chlorides	E325.2	NONE	WCJ-070703-CL	7/1/703	10:50	KDC		
Total Metals	SW6010B	SW3010A	M070203-3010 #1	7/2/2003	20:19	KC	M070203-3010 #1	7/2/2003 07:21:0
Total Metals (Hg)	SW7470A	METHOD	M070803-HG #2	7/8/2003	10:29	TP	M070803-HG #2	7/8/2003 04:30
Total Metals (Sb)	SW7041A	SW3020A	M070203-3020SB1	7/8/2003	07:37	KC	M070203-3020 #1	7/2/2003 07:32
Total Metals (Tl)	SW7841	SW3020A	M070203-3020TL1	7/2/2003	16:14	KC	M070203-3020 #1	7/2/2003 07:32:0

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033705

Project Name: Trail Ridge GW **Date/Time Received:** 7/1/03 16:15

Lab Code: J033705-13 **Site: Monitoring Well**

Client Sample Number: MWB-17D **Matrix: Water**

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time		Analyst	Prep Batch ID	Prep Date/Time
Ammonia (as N)	E350.1	NONE	wct070803nh31	7/8/2003	13:15	DLS		
Appendix I Volatile Organic Compunds	SW8260B	SW5030B	v070203a	7/2/2003	19:20	JA	v070203a	7/2/2003 19:20:0
Ethylene Dibromide	E504.1	METHOD	sv071103f-edb	7/11/2003	19:13	MP	SV071103-EDB	7/11/2003 09:00:
Nitrate (as N)	SM4500NO3-F	NONE	WCJ-070203-NITR	7/2/2003	09:47	KDC		
TDS	E160.1	NONE	WCJ-070803-TDS1	7/8/2003	07:30	AGF		
Total Chlorides	E325.2	NONE	WCJ-070703-CL	7/1/703	10:50	KDC		
Total Metals	SW6010B	SW3010A	M070203-3010 #1	7/2/2003	20:19	KC	M070203-3010 #1	7/2/2003 07:21:0
Total Metals (Hg)	SW7470A	METHOD	M070803-HG #2	7/8/2003	10:29	TP	M070803-HG #2	7/8/2003 04:30:0
Total Metals (Sb)	SW7041A	SW3020A	M070203-3020SB1	7/8/2003	07:37	KC	M070203-3020 #1	7/2/2003 07:32:0
Total Metals (Tl)	SW7841	SW3020A	M070203-3020TL1	7/2/2003	16:14	KC	M070203-3020 #1	7/2/2003 07:32:0

Lab Code: J033705-14 **Site: Monitoring Well**

Client Sample Number: MWB-20S **Matrix: Water**

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time		Analyst	Prep Batch ID	Prep Date/Time
Ammonia (as N)	E350.1	NONE	wct070803nh33	7/8/2003	13:15	DLS		
Appendix I Volatile Organic Compunds	SW8260B	SW5030B	v070203a	7/2/2003	19:20	JA	v070203a	7/2/2003 19:20:0
Ethylene Dibromide	E504.1	METHOD	sv071103f-edb	7/11/2003	19:13	MP	SV071103-EDB	7/11/2003 09:00:
Nitrate (as N)	SM4500NO3-F	NONE	WCJ-070203-NITR	7/2/2003	09:47	KDC		
TDS	E160.1	NONE	WCJ-070803-TDS1	7/8/2003	07:30	AGF		
Total Chlorides	E325.2	NONE	WCJ-070703-CL	7/1/703	10:50	KDC		
Total Metals	SW6010B	SW3010A	M070203-3010 #1	7/2/2003	20:19	KC	M070203-3010 #1	7/2/2003 07:21:0
Total Metals (Hg)	SW7470A	METHOD	M070803-HG #2	7/8/2003	10:29	TP	M070803-HG #2	7/8/2003 04:30:0
Total Metals (Sb)	SW7041A	SW3020A	M070203-3020SB1	7/8/2003	07:37	KC	M070203-3020 #1	7/2/2003 07:32:0
Total Metals (Tl)	SW7841	SW3020A	M070203-3020TL1	7/2/2003	16:14	KC	M070203-3020 #1	7/2/2003 07:32:0

Lab Code: J033705-15 **Site: Monitoring Well**

Client Sample Number: MWB-3I **Matrix: Water**

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time		Analyst	Prep Batch ID	Prep Date/Time
Ammonia (as N)	E350.1	NONE	wct070803nh33	7/8/2003	13:15	DLS		
Appendix I Volatile Organic Compunds	SW8260B	SW5030B	v070203a	7/2/2003	19:20	JA	v070203a	7/2/2003 19:20:0
Ethylene Dibromide	E504.1	METHOD	sv071103f-edb	7/11/2003	19:13	MP	SV071103-EDB	7/11/2003 09:00:
Nitrate (as N)	SM4500NO3-F	NONE	WCJ-070203-NITR	7/2/2003	09:47	KDC		
TDS	E160.1	NONE	WCJ-070803-TDS1	7/8/2003	07:30	AGF		
Total Chlorides	E325.2	NONE	WCJ-070703-CL	7/1/703	10:50	KDC		
Total Metals	SW6010B	SW3010A	M070203-3010 #1	7/2/2003	20:19	KC	M070203-3010 #1	7/2/2003 07:21:0
Total Metals (Hg)	SW7470A	METHOD	M070803-HG #2	7/8/2003	10:29	TP	M070803-HG #2	7/8/2003 04:30:0
Total Metals (Sb)	SW7041A	SW3020A	M070203-3020SB1	7/8/2003	07:37	KC	M070203-3020 #1	7/2/2003 07:32:0
Total Metals (Tl)	SW7841	SW3020A	M070203-3020TL1	7/2/2003	16:14	KC	M070203-3020 #1	7/2/2003 07:32:0

Lab Code: J033705-16 **Site: Monitoring Well**

Client Sample Number: MWB-27I **Matrix: Water**

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time		Analyst	Prep Batch ID	Prep Date/Time
Ammonia (as N)	E350.1	NONE	wct070803nh33	7/8/2003	13:15	DLS		
Appendix I Volatile Organic Compunds	SW8260B	SW5030B	v070203a	7/2/2003	19:20	JA	v070203a	7/2/2003 19:20:0
Ethylene Dibromide	E504.1	METHOD	sv071103f-edb	7/11/2003	19:13	MP	SV071103-EDB	7/11/2003 09:00:
Nitrate (as N)	SM4500NO3-F	NONE	WCJ-070203-NITR	7/2/2003	09:47	KDC		
TDS	E160.1	NONE	WCJ-070803-TDS1	7/8/2003	07:30	AGF		
Total Chlorides	E325.2	NONE	WCJ-070703-CL	7/1/703	10:50	KDC		
Total Metals	SW6010B	SW3010A	M070203-3010 #1	7/2/2003	20:19	KC	M070203-3010 #1	7/2/2003 07:21:0
Total Metals (Hg)	SW7470A	METHOD	M070803-HG #3	7/8/2003	11:41	TP	M070803-HG #3	7/8/2003 04:30:0
Total Metals (Sb)	SW7041A	SW3020A	M070203-3020SB1	7/8/2003	07:37	KC	M070203-3020 #1	7/2/2003 07:32:0
Total Metals (Tl)	SW7841	SW3020A	M070203-3020TL1	7/2/2003	16:14	KC	M070203-3020 #1	7/2/2003 07:32:0

Lab Code: J033705-17 **Site: Monitoring Well**

Client Sample Number: MWB-29I **Matrix: Water**

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time		Analyst	Prep Batch ID	Prep Date/Time
Ammonia (as N)	E350.1	NONE	wct070803nh33	7/8/2003	13:15	DLS		

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033705

Project Name: Trail Ridge GW **Date/Time Received:** 7/1/03 16:15

Appendix I Volatile Organic Compunds	SW8260B	SW5030B	v070203a	7/2/2003	19:20	JA	v070203a	7/2/2003 19:20:0
Dissolved Metals	SW6010B	SW3005A	M070203-3010 #1	7/2/2003	20:19	KC	M070203-3010 #1	7/2/2003 07:21:0
Dissolved Metals (Hg)	SW7470A	METHOD	M070803-HG #3	7/8/2003	11:41	TP	M070803-HG #3	7/8/2003 04:30:0
Dissolved Metals (Sb)	SW7041A	SW3005A	M070203-3020SB1	7/8/2003	07:37	KC	M070203-3020 #1	7/2/2003 07:32:0
Dissolved Metals (Tl)	SW7841	SW3005A	M070203-3020TL1	7/2/2003	16:14	KC	M070203-3020 #1	7/2/2003 07:32:0
Ethylene Dibromide	E504.1	METHOD	sv071103f-edb	7/11/2003	19:13	MP	SV071103-EDB	7/11/2003 09:00:
Nitrate (as N)	SM4500NO3-F	NONE	WCJ-070203-NITR	7/2/2003	09:47	KDC		
TDS	E160.1	NONE	WCJ-070803-TDS1	7/8/2003	07:30	AGF		
Total Chlorides	E325.2	NONE	WCJ-070703-CL	7/1/703	10:50	KDC		
Total Metals	SW6010B	SW3010A	M070203-3010 #1	7/2/2003	20:19	KC	M070203-3010 #1	7/2/2003 07:21:0
Total Metals (Hg)	SW7470A	METHOD	M070803-HG #3	7/8/2003	11:41	TP	M070803-HG #3	7/8/2003 04:30:0
Total Metals (Sb)	SW7041A	SW3020A	M070203-3020SB1	7/8/2003	07:37	KC	M070203-3020 #1	7/2/2003 07:32:0
Total Metals (Tl)	SW7841	SW3020A	M070203-3020TL1	7/2/2003	16:14	KC	M070203-3020 #1	7/2/2003 07:32:0

Lab Code: J033705-18 **Site: Duplicate**

Client Sample Number: DUP-1 **Matrix: Water**

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time		Analyst	Prep Batch ID	Prep Date/Time
Ammonia (as N)	E350.1	NONE	wct070803nh33	7/8/2003	13:15	DLS		
Appendix I Volatile Organic Compunds	SW8260B	SW5030B	v070203a	7/2/2003	19:20	JA	v070203a	7/2/2003 19:20:0
Ethylene Dibromide	E504.1	METHOD	sv071103f-edb	7/11/2003	19:13	MP	SV071103-EDB	7/11/2003 09:00:
Nitrate (as N)	SM4500NO3-F	NONE	WCJ-070203-NITR	7/2/2003	09:47	KDC		
TDS	E160.1	NONE	WCJ-070803-TDS1	7/8/2003	07:30	AGF		
Total Chlorides	E325.2	NONE	WCJ-070703-CL	7/1/703	10:50	KDC		
Total Metals	SW6010B	SW3010A	M070203-3010 #2	7/3/2003	00:08	KC	M070203-3010 #2	7/2/2003 07:38:0
Total Metals (Hg)	SW7470A	METHOD	M070803-HG #3	7/8/2003	11:41	TP	M070803-HG #3	7/8/2003 04:30:0
Total Metals (Sb)	SW7041A	SW3020A	M070203-3020SB2	7/8/2003	12:35	KC	M070203-3020 #2	7/2/2003 07:35:0
Total Metals (Tl)	SW7841	SW3020A	M070203-3020TL2	7/2/2003	17:46	KC	M070203-3020 #2	7/2/2003 07:35:0

Lab Code: J033705-19 **Site: Duplicate**

Client Sample Number: DUP-2 **Matrix: Water**

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time		Analyst	Prep Batch ID	Prep Date/Time
Ammonia (as N)	E350.1	NONE	wct070803nh33	7/8/2003	13:15	DLS		
Appendix I Volatile Organic Compunds	SW8260B	SW5030B	v070203a	7/2/2003	19:20	JA	v070203a	7/2/2003 19:20:0
Ethylene Dibromide	E504.1	METHOD	sv071103f-edb	7/11/2003	19:13	MP	SV071103-EDB	7/11/2003 09:00:
Nitrate (as N)	SM4500NO3-F	NONE	WCJ-070203-NITR	7/2/2003	09:47	KDC		
TDS	E160.1	NONE	WCJ-070803-TDS1	7/8/2003	07:30	AGF		
Total Chlorides	E325.2	NONE	WCJ-070703-CL	7/1/703	10:50	KDC		
Total Metals	SW6010B	SW3010A	M070203-3010 #2	7/3/2003	00:08	KC	M070203-3010 #2	7/2/2003 07:38:0
Total Metals (Hg)	SW7470A	METHOD	M070803-HG #3	7/8/2003	11:41	TP	M070803-HG #3	7/8/2003 04:30:0
Total Metals (Sb)	SW7041A	SW3020A	M070203-3020SB2	7/8/2003	12:35	KC	M070203-3020 #2	7/2/2003 07:35:0
Total Metals (Tl)	SW7841	SW3020A	M070203-3020TL2	7/2/2003	17:46	KC	M070203-3020 #2	7/2/2003 07:35:0

Lab Code: J033705-20 **Site: Trip Blank**

Client Sample Number: TB **Matrix: Water**

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time		Analyst	Prep Batch ID	Prep Date/Time
Appendix I Volatile Organic Compunds	SW8260B	SW5030B	v070203a	7/2/2003	19:20	JA	v070203a	7/2/2003 19:20:0

Lab Code: J033705-21 **Site: Monitoring Well**

Client Sample Number: MWB-29S **Matrix: Water**

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time		Analyst	Prep Batch ID	Prep Date/Time
Ammonia (as N)	E350.1	NONE	wct070803nh33	7/8/2003	13:15	DLS		
Appendix I Volatile Organic Compunds	SW8260B	SW5030B	v070203a	7/2/2003	19:20	JA	v070203a	7/2/2003 19:20:0
Ethylene Dibromide	E504.1	METHOD	sv071103f-edb	7/11/2003	19:13	MP	SV071103-EDB	7/11/2003 09:00:
Nitrate (as N)	SM4500NO3-F	NONE	WCJ-070203-NITR	7/2/2003	09:47	KDC		
TDS	E160.1	NONE	WCJ-070803-TDS1	7/8/2003	07:30	AGF		
Total Chlorides	E325.2	NONE	WCJ-070703-CL	7/1/703	10:50	KDC		
Total Metals	SW6010B	SW3010A	M070203-3010 #2	7/3/2003	00:08	KC	M070203-3010 #2	7/2/2003 07:38:
Total Metals (Hg)	SW7470A	METHOD	M070803-HG #3	7/8/2003	11:41	TP	M070803-HG #3	7/8/2003 04:30
Total Metals (Sb)	SW7041A	SW3020A	M070203-3020SB2	7/8/2003	12:35	KC	M070203-3020 #2	7/2/2003 07:35:0
Total Metals (Tl)	SW7841	SW3020A	M070203-3020TL2	7/2/2003	17:46	KC	M070203-3020 #2	7/2/2003 07:35:0

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033705

Project Name: Trail Ridge GW **Date/Time Received:** 7/1/03 16:15

Quality Assurance Report

Method Blanks

Total Metals

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
M070203-3010 #1	Arsenic	Method Blank	SW6010B	0.0016	0.0016	mg/L	U
M070203-3010 #1	Barium	Method Blank	SW6010B	0.00076	0.00076	mg/L	U
M070203-3010 #1	Beryllium	Method Blank	SW6010B	0.000059	0.000059	mg/L	U
M070203-3010 #1	Cadmium	Method Blank	SW6010B	0.00036	0.00036	mg/L	U
M070203-3010 #1	Chromium	Method Blank	SW6010B	0.0010	0.0010	mg/L	U
M070203-3010 #1	Cobalt	Method Blank	SW6010B	0.00025	0.00025	mg/L	U
M070203-3010 #1	Copper	Method Blank	SW6010B	0.0011	0.0011	mg/L	U
M070203-3010 #1	Iron	Method Blank	SW6010B	0.019	0.019	mg/L	U
M070203-3010 #1	Lead	Method Blank	SW6010B	0.00091	0.00091	mg/L	U
M070203-3010 #1	Nickel	Method Blank	SW6010B	0.00085	0.00085	mg/L	U
M070203-3010 #1	Selenium	Method Blank	SW6010B	0.0022	0.0035	mg/L	I
M070203-3010 #1	Silver	Method Blank	SW6010B	0.00017	0.00017	mg/L	U
M070203-3010 #1	Sodium	Method Blank	SW6010B	0.049	0.049	mg/L	U
M070203-3010 #1	Vanadium	Method Blank	SW6010B	0.00016	0.00016	mg/L	U
M070203-3010 #1	Zinc	Method Blank	SW6010B	0.0025	0.0025	mg/L	U

Total Metals

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
M070203-3010 #2	Arsenic	Method Blank	SW6010B	0.0016	0.0016	mg/L	U
M070203-3010 #2	Barium	Method Blank	SW6010B	0.00076	0.00076	mg/L	U
M070203-3010 #2	Beryllium	Method Blank	SW6010B	0.000059	0.000059	mg/L	U
M070203-3010 #2	Cadmium	Method Blank	SW6010B	0.00036	0.00036	mg/L	U
M070203-3010 #2	Chromium	Method Blank	SW6010B	0.0010	0.0010	mg/L	U
M070203-3010 #2	Cobalt	Method Blank	SW6010B	0.00025	0.00025	mg/L	U
M070203-3010 #2	Copper	Method Blank	SW6010B	0.0011	0.0011	mg/L	U
M070203-3010 #2	Iron	Method Blank	SW6010B	0.019	0.019	mg/L	U
M070203-3010 #2	Lead	Method Blank	SW6010B	0.00091	0.00091	mg/L	U
M070203-3010 #2	Nickel	Method Blank	SW6010B	0.00085	0.00085	mg/L	U
M070203-3010 #2	Selenium	Method Blank	SW6010B	0.0022	0.0035	mg/L	I
M070203-3010 #2	Silver	Method Blank	SW6010B	0.00017	0.00017	mg/L	U
M070203-3010 #2	Sodium	Method Blank	SW6010B	0.049	0.049	mg/L	U
M070203-3010 #2	Vanadium	Method Blank	SW6010B	0.00016	0.00016	mg/L	U
M070203-3010 #2	Zinc	Method Blank	SW6010B	0.0025	0.0025	mg/L	U

Total Metals (Sb)

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
M070203-3020SB	Antimony	Method Blank	SW7041A	0.0034	0.0034	mg/L	U

Total Metals (Sb)

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
M070203-3020SB	Antimony	Method Blank	SW7041A	0.0034	0.0034	mg/L	U

Total Metals (Tl)

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
M070203-3020TL	Thallium	Method Blank	SW7841	0.00098	0.00098	mg/L	U

Total Metals (Tl)

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
M070203-3020TL	Thallium	Method Blank	SW7841	0.00098	0.00098	mg/L	U

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033705

Project Name: Trail Ridge GW **Date/Time Received:** 7/1/03 16:15

Total Metals (Hg)

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
M070803-HG #2	Mercury	Method Blank	SW7470A	0.000018	0.000018	mg/L	U

Total Metals (Hg)

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
M070803-HG #3	Mercury	Method Blank	SW7470A	0.000018	0.000018	mg/L	U

Ethylene Dibromide

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
sv071103f-edb	1,2-Dibromo-3-chloropropane	Method Blank	E504.1	0.0034	0.0034	ug/L	U
sv071103f-edb	Ethylene Dibromide	Method Blank	E504.1	0.0069	0.0069	ug/L	U

Surrogate(s)	Result	Units	% Recovery	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	1.1	ug/L	107		30 - 120

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033705

Project Name: Trail Ridge GW **Date/Time Received:** 7/1/03 16:15

Appendix I Volatile Organic Compunds

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
v070103a	1,1,1,2-Tetrachloroethane	Method Blank	SW8260B	0.27	0.27	ug/L	U
v070103a	1,1,1-Trichloroethane	Method Blank	SW8260B	0.39	0.39	ug/L	U
v070103a	1,1,2,2-Tetrachloroethane	Method Blank	SW8260B	0.19	0.19	ug/L	U
v070103a	1,1,2-Trichloroethane	Method Blank	SW8260B	0.34	0.34	ug/L	U
v070103a	1,1-Dichloroethane	Method Blank	SW8260B	0.36	0.36	ug/L	U
v070103a	1,1-Dichloroethene	Method Blank	SW8260B	0.50	0.50	ug/L	U
v070103a	1,2,3-Trichloropropane	Method Blank	SW8260B	0.33	0.33	ug/L	U
v070103a	1,2-Dibromo-3-chloropropane	Method Blank	SW8260B	0.55	0.55	ug/L	U
v070103a	1,2-Dibromoethane	Method Blank	SW8260B	0.20	0.25	ug/L	U
v070103a	1,2-Dichlorobenzene	Method Blank	SW8260B	0.28	0.28	ug/L	U
v070103a	1,2-Dichloroethane	Method Blank	SW8260B	0.36	0.36	ug/L	U
v070103a	1,2-Dichloropropane	Method Blank	SW8260B	0.30	0.30	ug/L	U
v070103a	1,3-Dichloropropene (Total)	Method Blank	SW8260B	0.52	0.52	ug/L	U
v070103a	1,4-Dichlorobenzene	Method Blank	SW8260B	0.30	0.30	ug/L	U
v070103a	2-Hexanone (MBK)	Method Blank	SW8260B	0.27	0.27	ug/L	U
v070103a	4-Methyl-2-pentanone (MIBK)	Method Blank	SW8260B	0.35	0.35	ug/L	U
v070103a	Acetone	Method Blank	SW8260B	0.71	0.71	ug/L	U
v070103a	Acrylonitrile	Method Blank	SW8260B	1.6	1.6	ug/L	U
v070103a	Benzene	Method Blank	SW8260B	0.30	0.30	ug/L	U
v070103a	Bromochloromethane	Method Blank	SW8260B	0.39	0.39	ug/L	U
v070103a	Bromodichloromethane	Method Blank	SW8260B	0.29	0.29	ug/L	U
v070103a	Bromoform	Method Blank	SW8260B	0.25	0.25	ug/L	U
v070103a	Bromomethane	Method Blank	SW8260B	0.47	0.47	ug/L	U
v070103a	Carbon Disulfide	Method Blank	SW8260B	0.41	0.41	ug/L	U
v070103a	Carbon Tetrachloride	Method Blank	SW8260B	0.39	0.39	ug/L	U
v070103a	Chlorobenzene	Method Blank	SW8260B	0.31	0.31	ug/L	U
v070103a	Chloroethane	Method Blank	SW8260B	0.62	0.47	ug/L	U
v070103a	Chloroform	Method Blank	SW8260B	0.41	0.41	ug/L	U
v070103a	Chloromethane	Method Blank	SW8260B	0.43	0.43	ug/L	U
v070103a	Cis-1,2-dichloroethene	Method Blank	SW8260B	0.33	0.39	ug/L	U
v070103a	Cis-1,3-dichloropropene	Method Blank	SW8260B	0.27	0.27	ug/L	U
v070103a	Dibromochloromethane	Method Blank	SW8260B	0.25	0.25	ug/L	U
v070103a	Dibromomethane	Method Blank	SW8260B	0.34	0.34	ug/L	U
v070103a	Ethylbenzene	Method Blank	SW8260B	0.27	0.27	ug/L	U
v070103a	Iodomethane	Method Blank	SW8260B	0.40	0.40	ug/L	U
v070103a	Methyl ethyl ketone	Method Blank	SW8260B	0.25	0.25	ug/L	U
v070103a	Methylene Chloride	Method Blank	SW8260B	0.21	0.21	ug/L	U
v070103a	Styrene	Method Blank	SW8260B	0.25	0.25	ug/L	U
v070103a	Tetrachloroethene	Method Blank	SW8260B	0.43	39	ug/L	
v070103a	Toluene	Method Blank	SW8260B	0.29	0.29	ug/L	U
v070103a	Trans-1,2-dichloroethene	Method Blank	SW8260B	0.50	0.50	ug/L	U
v070103a	Trans-1,3-dichloropropene	Method Blank	SW8260B	0.25	0.25	ug/L	U
v070103a	Trans-1,4-dichloro-2-butene	Method Blank	SW8260B	0.52	1.3	ug/L	U
v070103a	Trichloroethene	Method Blank	SW8260B	0.43	0.43	ug/L	U
v070103a	Trichlorofluoromethane	Method Blank	SW8260B	0.50	0.50	ug/L	U
v070103a	Vinyl Acetate	Method Blank	SW8260B	0.31	0.31	ug/L	U
v070103a	Vinyl Chloride	Method Blank	SW8260B	0.49	0.49	ug/L	U
v070103a	Xylenes (Total)	Method Blank	SW8260B	0.86	0.86	ug/L	U

Surrogate(s)	Result	Units	% Recovery	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4	51	ug/L	102		80 - 120
Toluene d(8)	52	ug/L	104		88 - 110
4-Bromofluorobenzene	56	ug/L	112		86 - 115

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033705

Project Name: Trail Ridge GW **Date/Time Received:** 7/1/03 16:15

Appendix I Volatile Organic Compunds

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
v070203a	1,1,1,2-Tetrachloroethane	Method Blank	SW8260B	0.27	0.27	ug/L	U
v070203a	1,1,1-Trichloroethane	Method Blank	SW8260B	0.39	0.39	ug/L	U
v070203a	1,1,2,2-Tetrachloroethane	Method Blank	SW8260B	0.19	0.19	ug/L	U
v070203a	1,1,2-Trichloroethane	Method Blank	SW8260B	0.34	0.34	ug/L	U
v070203a	1,1-Dichloroethane	Method Blank	SW8260B	0.36	0.36	ug/L	U
v070203a	1,1-Dichloroethene	Method Blank	SW8260B	0.50	0.50	ug/L	U
v070203a	1,2,3-Trichloropropane	Method Blank	SW8260B	0.33	0.33	ug/L	U
v070203a	1,2-Dibromo-3-chloropropane	Method Blank	SW8260B	0.55	0.55	ug/L	U
v070203a	1,2-Dibromoethane	Method Blank	SW8260B	0.20	0.25	ug/L	U
v070203a	1,2-Dichlorobenzene	Method Blank	SW8260B	0.28	0.28	ug/L	U
v070203a	1,2-Dichloroethane	Method Blank	SW8260B	0.36	0.36	ug/L	U
v070203a	1,2-Dichloropropane	Method Blank	SW8260B	0.30	0.30	ug/L	U
v070203a	1,3-Dichloropropene (Total)	Method Blank	SW8260B	0.52	0.52	ug/L	U
v070203a	1,4-Dichlorobenzene	Method Blank	SW8260B	0.30	0.30	ug/L	U
v070203a	2-Hexanone (MBK)	Method Blank	SW8260B	0.27	0.27	ug/L	U
v070203a	4-Methyl-2-pentanone (MIBK)	Method Blank	SW8260B	0.35	0.35	ug/L	U
v070203a	Acetone	Method Blank	SW8260B	0.71	0.71	ug/L	U
v070203a	Acrylonitrile	Method Blank	SW8260B	1.6	1.6	ug/L	U
v070203a	Benzene	Method Blank	SW8260B	0.30	0.30	ug/L	U
v070203a	Bromochloromethane	Method Blank	SW8260B	0.39	0.39	ug/L	U
v070203a	Bromodichloromethane	Method Blank	SW8260B	0.29	0.29	ug/L	U
v070203a	Bromoform	Method Blank	SW8260B	0.25	0.25	ug/L	U
v070203a	Bromomethane	Method Blank	SW8260B	0.47	0.47	ug/L	U
v070203a	Carbon Disulfide	Method Blank	SW8260B	0.41	0.41	ug/L	U
v070203a	Carbon Tetrachloride	Method Blank	SW8260B	0.39	0.39	ug/L	U
v070203a	Chlorobenzene	Method Blank	SW8260B	0.31	0.31	ug/L	U
v070203a	Chloroethane	Method Blank	SW8260B	0.62	0.47	ug/L	U
v070203a	Chloroform	Method Blank	SW8260B	0.41	0.41	ug/L	U
v070203a	Chloromethane	Method Blank	SW8260B	0.43	0.43	ug/L	U
v070203a	Cis-1,2-dichloroethene	Method Blank	SW8260B	0.33	0.39	ug/L	U
v070203a	Cis-1,3-dichloropropene	Method Blank	SW8260B	0.27	0.27	ug/L	U
v070203a	Dibromochloromethane	Method Blank	SW8260B	0.25	0.25	ug/L	U
v070203a	Dibromomethane	Method Blank	SW8260B	0.34	0.34	ug/L	U
v070203a	Ethylbenzene	Method Blank	SW8260B	0.27	0.27	ug/L	U
v070203a	Iodomethane	Method Blank	SW8260B	0.40	0.40	ug/L	U
v070203a	Methyl ethyl ketone	Method Blank	SW8260B	0.25	0.25	ug/L	U
v070203a	Methylene Chloride	Method Blank	SW8260B	0.21	0.21	ug/L	U
v070203a	Styrene	Method Blank	SW8260B	0.25	0.25	ug/L	U
v070203a	Tetrachloroethene	Method Blank	SW8260B	0.43	0.95	ug/L	I
v070203a	Toluene	Method Blank	SW8260B	0.29	0.29	ug/L	U
v070203a	Trans-1,2-dichloroethene	Method Blank	SW8260B	0.50	0.50	ug/L	U
v070203a	Trans-1,3-dichloropropene	Method Blank	SW8260B	0.25	0.25	ug/L	U
v070203a	Trans-1,4-dichloro-2-butene	Method Blank	SW8260B	0.52	1.3	ug/L	U
v070203a	Trichloroethene	Method Blank	SW8260B	0.43	0.43	ug/L	U
v070203a	Trichlorofluoromethane	Method Blank	SW8260B	0.50	0.50	ug/L	U
v070203a	Vinyl Acetate	Method Blank	SW8260B	0.31	0.31	ug/L	U
v070203a	Vinyl Chloride	Method Blank	SW8260B	0.49	0.49	ug/L	U
v070203a	Xylenes (Total)	Method Blank	SW8260B	0.86	0.86	ug/L	U

Surrogate(s)	Result	Units	% Recovery	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4	53	ug/L	106		80 - 120
Toluene d(8)	53	ug/L	106		88 - 110
4-Bromofluorobenzene	56	ug/L	112		86 - 115

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033705

Project Name: Trail Ridge GW **Date/Time Received:** 7/1/03 16:15

Miscellaneous Analytes

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
WCJ-070203-NIT	Nitrate (as N)	Method Blank	SM4500NO3-F	0.13	0.13	mg/L	U

Miscellaneous Analytes

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
WCJ-070703-CL	Total Chlorides	Method Blank	E325.2	2.5	0.50	mg/L	U

TDS

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
WCJ-070803-TDS	Total Dissolved Solids	Method Blank	E160.1	10	10	mg/L	U

Miscellaneous Analytes

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
wct070803nh31	Ammonia (as N)	Method Blank	E350.1	0.019	0.020	mg/L	U

Miscellaneous Analytes

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
wct070803nh33	Ammonia (as N)	Method Blank	E350.1	0.019	0.020	mg/L	U

Quality Assurance Qualifiers:

I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U The compound was analyzed for but not detected.

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033705

Project Name: Trail Ridge GW **Date/Time Received:** 7/1/03 16:15

Quality Assurance Report

Laboratory Control Spikes

Project #: J033705

QC Batch ID: M070203-3010 #1 **Matrix:** Water **Method:** SW6010B

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Arsenic	0.4	0.41	103	80 - 120	
Barium	0.4	0.42	104	80 - 120	
Beryllium	0.4	0.42	104	80 - 120	
Cadmium	0.4	0.41	102	80 - 120	
Chromium	0.4	0.40	99	80 - 120	
Cobalt	0.4	0.41	104	80 - 120	
Copper	0.4	0.40	101	80 - 120	
Iron	8.4	8.6	102	80 - 120	
Lead	0.4	0.39	98	80 - 120	
Nickel	0.4	0.40	99	80 - 120	
Selenium	0.4	0.42	105	80 - 120	
Silver	0.4	0.41	102	80 - 120	
Sodium	100	99	99	80 - 120	
Vanadium	0.4	0.43	107	80 - 120	
Zinc	0.4	0.37	92	80 - 120	

QC Batch ID: M070203-3010 #2 **Matrix:** Water **Method:** SW6010B

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Arsenic	0.4	0.42	105	80 - 120	
Barium	0.4	0.42	105	80 - 120	
Beryllium	0.4	0.42	106	80 - 120	
Cadmium	0.4	0.41	103	80 - 120	
Chromium	0.4	0.40	100	80 - 120	
Cobalt	0.4	0.42	105	80 - 120	
Copper	0.4	0.41	103	80 - 120	
Iron	8.4	8.6	103	80 - 120	
Lead	0.4	0.39	98	80 - 120	
Nickel	0.4	0.40	100	80 - 120	
Selenium	0.4	0.43	107	80 - 120	
Silver	0.4	0.41	103	80 - 120	
Sodium	100	100	100	80 - 120	
Vanadium	0.4	0.43	107	80 - 120	
Zinc	0.4	0.38	95	80 - 120	

QC Batch ID: M070203-3020SB1 **Matrix:** Water **Method:** SW7041A

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Antimony	0.02	0.020	99	80 - 120	

QC Batch ID: M070203-3020SB2 **Matrix:** Water **Method:** SW7041A

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Antimony	0.02	0.021	103	80 - 120	

QC Batch ID: M070203-3020TL1 **Matrix:** Water **Method:** SW7841

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Thallium	0.02	0.017	87	80 - 120	

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033705

Project Name: Trail Ridge GW **Date/Time Received:** 7/1/03 16:15

QC Batch ID: M070203-3020TL2 **Matrix:** Water **Method:** SW7841

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Thallium	0.02	0.017	83	80 - 120	

QC Batch ID: M070803-HG #2 **Matrix:** Water **Method:** SW7470A

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Mercury	0.002	0.0022	112	85 - 115	

QC Batch ID: M070803-HG #3 **Matrix:** Water **Method:** SW7470A

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Mercury	0.002	0.0022	108	85 - 115	

QC Batch ID: sv071103f-edb **Matrix:** Water **Method:** E504.1

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
1,2-Dibromo-3-chloropropane	0.25	0.32	126	65 - 135	
Ethylene Dibromide	0.25	0.19	75	65 - 135	

Surrogate(s)	Result	Units	% Recovery	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	1.2	ug/L	116		30 - 120

LCS Comment:

QC Batch ID: v070203a **Matrix:** Water **Method:** SW8260B

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
1,1-Dichloroethene	20	19	95	39 - 144	
Benzene	20	17	85	46 - 135	
Ethylbenzene	20	18	90	33 - 140	
Tetrachloroethene	20	21	105	24 - 164	
Toluene	20	18	90	44 - 135	
Trichloroethene	20	18	90	55 - 119	

Surrogate(s)	Result	Units	% Recovery	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4	52	ug/L	104		80 - 120
4-Bromofluorobenzene	50	ug/L	100		86 - 115
Toluene d(8)	51	ug/L	102		88 - 110

LCS Comment:

QC Batch ID: WCJ-070203-NITR **Matrix:** Water **Method:** SM4500NO3-F

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Nitrate (as N)	1	0.98	98	90 - 110	

QC Batch ID: WCJ-070703-CL **Matrix:** Water **Method:** E325.2

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Total Chlorides	60	59	99	75 - 125	

QC Batch ID: WCJ-070803-TDS1 **Matrix:** Water **Method:** E160.1

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Total Dissolved Solids	300	280	93	75 - 125	

QC Batch ID: wct070803nh31 **Matrix:** Water **Method:** E350.1

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Ammonia (as N)	1	1.1	108	90 - 110	

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033705

Project Name: Trail Ridge GW **Date/Time Received:** 7/1/03 16:15

QC Batch ID: wct070803nh33 **Matrix:** Water **Method:** E350.1

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Ammonia (as N)	1	0.93	93	90 - 110	

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033705

Project Name: Trail Ridge GW **Date/Time Received:** 7/1/03 16:15

Quality Assurance Report

Matrix Spike Recoveries

Project #: J033705

QC Batch ID M070203-3010 #1 Method: SW6010B Matrix: Water **Ref. Sample:** J033705-01 **Client Sample ID:** MWB-29D

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Arsenic	0.40	mg/L	0	0.42	0.42	104	105	75 - 125	0.24	
Barium	0.40	mg/L	0.059	0.47	0.47	102	102	75 - 125	0.26	
Beryllium	0.40	mg/L	0	0.41	0.42	104	104	75 - 125	0.26	
Cadmium	0.40	mg/L	0	0.41	0.41	102	102	75 - 125	0.088	
Chromium	0.40	mg/L	0	0.40	0.40	99	100	75 - 125	0.28	
Cobalt	0.40	mg/L	0	0.42	0.41	104	102	75 - 125	1.8	
Copper	0.40	mg/L	0	0.41	0.41	101	102	75 - 125	0.15	
Iron	8.4	mg/L	1.1	9.7	9.7	102	102	75 - 125	0.070	
Lead	0.40	mg/L	0	0.39	0.39	98	98	75 - 125	0.33	
Nickel	0.40	mg/L	0	0.40	0.40	99	99	75 - 125	0.053	
Selenium	0.40	mg/L	0	0.42	0.41	105	103	75 - 125	1.4	
Silver	0.40	mg/L	0	0.40	0.40	100	100	75 - 125	0.67	
Sodium	100	mg/L	3.3	100	100	100	100	75 - 125	0.20	
Vanadium	0.40	mg/L	0.0011	0.42	0.43	106	106	75 - 125	0.21	
Zinc	0.40	mg/L	0	0.36	0.36	91	91	75 - 125	0.27	

QC Batch ID M070203-3010 #2 Method: SW6010B Matrix: Water **Ref. Sample:** J033705-18 **Client Sample ID:** DUP-1

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Arsenic	0.40	mg/L	0	0.42	0.42	105	105	75 - 125	0.072	
Barium	0.40	mg/L	0.056	0.46	0.47	101	103	75 - 125	1.5	
Beryllium	0.40	mg/L	0.00011	0.42	0.42	104	106	75 - 125	2.1	
Cadmium	0.40	mg/L	0	0.41	0.41	102	102	75 - 125	0.12	
Chromium	0.40	mg/L	0	0.40	0.40	99	100	75 - 125	0.58	
Cobalt	0.40	mg/L	0	0.42	0.42	104	104	75 - 125	0.26	
Copper	0.40	mg/L	0	0.40	0.41	101	103	75 - 125	1.3	
Iron	8.4	mg/L	0.38	8.9	9.0	101	102	75 - 125	1.5	
Lead	0.40	mg/L	0	0.39	0.39	97	97	75 - 125	0.36	
Nickel	0.40	mg/L	0	0.39	0.40	98	100	75 - 125	1.4	
Selenium	0.40	mg/L	0.0069	0.41	0.41	102	101	75 - 125	1.3	
Silver	0.40	mg/L	0	0.38	0.38	96	96	75 - 125	0.42	
Sodium	100	mg/L	2.8	100	100	100	102	75 - 125	1.2	
Vanadium	0.40	mg/L	0.00092	0.42	0.43	106	107	75 - 125	1.0	
Zinc	0.40	mg/L	0.0032	0.37	0.36	91	90	75 - 125	0.28	

QC Batch ID M070203-3020SB1 Method: SW7041A Matrix: Water **Ref. Sample:** J033705-01 **Client Sample ID:** MWB-29D

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Antimony	0.020	mg/L	0	0.025	0.027	124	134	80 - 120	7.7	

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033705

Project Name: Trail Ridge GW **Date/Time Received:** 7/1/03 16:15

QC Batch ID M070203-3020SB2 Method: SW7041A Matrix: Water **Ref. Sample:** J033705-18 **Client Sample ID:** DUP-1

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Antimony	0.020	mg/L	0	0.025	0.025	124	125	80 - 120	0.68	J4

QC Batch ID M070203-3020TL1 Method: SW7841 Matrix: Water **Ref. Sample:** J033705-01 **Client Sample ID:** MWB-29D

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Thallium	0.020	mg/L	0	0.018	0.018	92	91	80 - 120	0.82	

QC Batch ID M070203-3020TL2 Method: SW7841 Matrix: Water **Ref. Sample:** J033705-18 **Client Sample ID:** DUP-1

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Thallium	0.020	mg/L	0	0.018	0.020	89	98	80 - 120	11	

QC Batch ID M070803-HG #2 Method: SW7470A Matrix: Water **Ref. Sample:** T035613-01 **Client Sample ID:** Outfall-001

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Mercury	0.0020	mg/L	0.000044	0.0024	0.0024	118	119	70 - 130	1.0	

QC Batch ID M070803-HG #3 Method: SW7470A Matrix: Water **Ref. Sample:** J033705-16 **Client Sample ID:** MWB-27I

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Mercury	0.0020	mg/L	0	0.0021	0.0021	107	105	70 - 130	1.6	

QC Batch ID sv071103f-edb Method: E504.1 Matrix: Water **Ref. Sample:** J033705-02 **Client Sample ID:** MWB-2I

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
1,2-Dibromo-3-chloropropane	1.0	ug/L	0	0.95	1.0	95	101	65 - 135	6.5	
Ethylene Dibromide	1.0	ug/L	0	1.0	0.94	103	94	65 - 135	9.1	

Surrogate	MS %R	MSD %R	MS/MSD Range	MS Qual	MSD Qual
Tetrachloro-m-xylene	0	0	30 - 120		

QC Batch ID v070203a Method: SW8260B Matrix: Water **Ref. Sample:** J033705-12 **Client Sample ID:** MWB-17S

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
1,1-Dichloroethene	20	ug/L	0	19	19	95	95	39 - 144	0	
Benzene	20	ug/L	0	17	17	85	85	46 - 135	0	
Ethylbenzene	20	ug/L	0	18	18	90	90	33 - 140	0	
Tetrachloroethene	20	ug/L	0.79	18	18	86	86	24 - 164	0	
Toluene	20	ug/L	0	18	18	90	90	44 - 135	0	
Trichloroethene	20	ug/L	0	17	18	85	90	55 - 119	5.7	

Surrogate	MS %R	MSD %R	MS/MSD Range	MS Qual	MSD Qual
1,2-Dichloroethane-d4	102	106	80 - 120		
4-Bromofluorobenzene	100	100	86 - 115		
Toluene d(8)	100	100	88 - 110		

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033705

Project Name: Trail Ridge GW **Date/Time Received:** 7/1/03 16:15

QC Batch ID WCJ-070203-NITR Method: SM4500NO3-F Matrix: Water **Ref. Sample:** J033705-01 **Client Sample ID:** MWB-29D

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Nitrate (as N)	0.50	mg/L	0.13	0.46	0.47	65	68	90 - 110	3.9	J4

QC Batch ID WCJ-070703-CL Method: E325.2 Matrix: Water **Ref. Sample:** J033705-01 **Client Sample ID:** MWB-29D

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Total Chlorides	30	mg/L	4.6	38	38	111	112	75 - 125	0.99	

QC Batch ID wct070803nh31 Method: E350.1 Matrix: Water **Ref. Sample:** J033705-13 **Client Sample ID:** MWB-17D

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Ammonia (as N)	1.0	mg/L	0.21	1.3	1.3	109	110	90 - 110	0.46	

QC Batch ID wct070803nh33 Method: E350.1 Matrix: Water **Ref. Sample:** J033716-04 **Client Sample ID:** MWB-14S

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Ammonia (as N)	1.0	mg/L	0	0.91	0.92	91	92	90 - 110	0.22	

Quality Assurance Qualifiers:

J4 The sample matrix interfered with the ability to make an accurate determination.

Definitions:

Water matrix refers to all aqueous matrices, including but not limited to, drinking water, wastewater, ground water, surface water, aqueous wastes and leachates
Soil matrix refers to all non-aqueous matrices, including soils, solids, sludges, semi-solids, and non-aqueous waste samples
All results in mg/kg or % are reported in dry weight basis, unless notated otherwise. All results in mg/L are reported in wet weight basis.
MDL Method Detection Limit, without correction for dilution or moisture content
Adjusted Reporting Limit is the MDL accounting for all dilutions and moisture content cacluations.
PQL is defined to be 4 times the MDL, for all results qualified with an 'i' qualifie
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 Laboratories, Inc.

6601 Southpoint Parkway
Jacksonville, Florida 32216
(904) 363-9350
FAX (904) 363-9354

Client:	Trail Rdge Landfill,Inc.	**Report No.:**	J033718
Project Name:	Trail Ridge GW	**Date Sampled:**	7/1/2003
Project Number:		**Date Received:**	7/2/03 09:45
		Date Reported:	7/21/2003

Attention: Linda Hair
Phone Number: 9042899100

Address: 5110 U.S. Highway 301

Baldwin, Florida 32234

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: Trail Ridge GW

Approved By: Paul Gunsaulies

Paul Gunsaulies, Project Manager

If you have any questions, the above named should be contacted.

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 = 33 + 9 COC

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc.
Project Name: Trail Ridge GW

Report No.: J033718
Date/Time Received: 7/2/03 09:45

Lab Code: J033718-01
Client Sample ID: MWB-27S
Site: Monitoring Well
Matrix: Water

Date/Time Sampled: 7/1/2003 15:42
SampleType:
Sampled By: DSA/BR
Shipping Method: Client drop off

Appendix I Volatile Organic Compunds

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,1,1,2-Tetrachloroethane	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
1,1,1-Trichloroethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
1,1,2,2-Tetrachloroethane	1	0.19	0.19	**0.19**	ug/L	U	SW8260B		J
1,1,2-Trichloroethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
1,1-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,1-Dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
1,2,3-Trichloropropane	1	0.33	0.33	**0.33**	ug/L	U	SW8260B		J
1,2-Dibromo-3-chloropropane	1	0.55	0.55	**0.55**	ug/L	U	SW8260B		J
1,2-Dibromoethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
1,2-Dichlorobenzene	1	0.28	0.28	**0.28**	ug/L	U	SW8260B		J
1,2-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,2-Dichloropropane	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
1,3-Dichloropropene (Total)	1	0.52	0.52	**0.52**	ug/L	U	SW8260B		J
1,4-Dichlorobenzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
2-Hexanone (MBK)	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
4-Methyl-2-pentanone (MIBK)	1	0.35	0.35	**0.35**	ug/L	U	SW8260B		J
Acetone	1	0.71	0.71	**3.0**	ug/L		SW8260B	AIC	J
Acrylonitrile	1	1.6	1.6	**1.6**	ug/L	U	SW8260B		J
Benzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
Bromochloromethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Bromodichloromethane	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Bromoform	1	0.25	0.25	**0.25**	ug/L	U	SW8260B	AIC	J
Bromomethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B		J
Carbon Disulfide	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Carbon Tetrachloride	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Chlorobenzene	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Chloroethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B	AIC	J
Chloroform	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Chloromethane	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Cis-1,2-dichloroethene	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Cis-1,3-dichloropropene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Dibromochloromethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Dibromomethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
Ethylbenzene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Iodomethane	1	0.40	0.40	**0.40**	ug/L	U	SW8260B	AIC	J
Methyl ethyl ketone	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Methylene Chloride	1	0.21	0.21	**0.21**	ug/L	U	SW8260B		J
Styrene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Tetrachloroethene	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Toluene	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Trans-1,2-dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
Trans-1,3-dichloropropene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Trans-1,4-dichloro-2-butene	1	0.52	0.52	**0.52**	ug/L	U	SW8260B		J
Trichloroethene	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Trichlorofluoromethane	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033718

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 09:45

Vinyl Acetate	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Vinyl Chloride	1	0.49	0.49	**0.49**	ug/L	U	SW8260B		J
Xylenes (Total)	1	0.86	0.86	**0.86**	ug/L	U	SW8260B		J

Ethylene Dibromide

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,2-Dibromo-3-chloropropane	1	0.0034	0.0034	**0.0034**	ug/L	U	E504.1		J
Ethylene Dibromide	1	0.0069	0.0069	**0.0069**	ug/L	U	E504.1		J

Field Parameters

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Color/Sheen	1			**None**			Field		
Conductivity	1			**51**	µmhos/cm		Field		
Dissolved Oxygen	1			**1.1**	mg/L O2		Field		
pH (Field)	1			**4.93**	pH Units		Field		
Temperature	1			**23**	°C		Field		
Turbidity	1			**11**	NTU		Field		

Miscellaneous Analytes

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Ammonia (as N)	1	0.020	0.020	**0.16**	mg/L		E350.1		T
Nitrate (as N)	1	0.13	0.13	**0.13**	mg/L	U	SM4500NO3-F		J
Total Chlorides	1	0.50	0.50	**1.9**	mg/L	i	E325.2		
Total Dissolved Solids	1	10	10	**48**	mg/L		E160.1		J

Total Metals

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic	1	0.0016	0.0016	**0.0016**	mg/L	U	SW6010B		J
Barium	1	0.00076	0.00076	**0.021**	mg/L		SW6010B		J
Beryllium	1	0.000059	0.000059	**0.000059**	mg/L	U	SW6010B		J
Cadmium	1	0.00036	0.00036	**0.00036**	mg/L	U	SW6010B		J
Chromium	1	0.0010	0.0010	**0.0012**	mg/L	i	SW6010B		J
Cobalt	1	0.00025	0.00025	**0.00056**	mg/L	i , V	SW6010B		J
Copper	1	0.0011	0.0011	**0.0021**	mg/L	i	SW6010B		J
Iron	1	0.019	0.019	**0.16**	mg/L		SW6010B		J
Lead	1	0.00091	0.00091	**0.00091**	mg/L	U	SW6010B		J
Nickel	1	0.00085	0.00085	**0.0023**	mg/L	i	SW6010B		J
Selenium	1	0.0022	0.0022	**0.0031**	mg/L	i	SW6010B		J
Silver	1	0.00017	0.00017	**0.00017**	mg/L	U	SW6010B		J
Sodium	1	0.049	0.049	**2.5**	mg/L		SW6010B		J
Vanadium	1	0.00016	0.00016	**0.0072**	mg/L		SW6010B		J
Zinc	1	0.0025	0.0025	**0.0035**	mg/L	i	SW6010B		J

Total Metals (Hg)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury	1	0.000018	0.000018	**0.000018**	mg/L	U	SW7470A		J

Total Metals (Sb)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Antimony	1	0.0034	0.0034	**0.0034**	mg/L	U	SW7041A		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033718

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 09:45

Total Metals (Tl)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium	1	0.00098	0.00098	**0.00098**	mg/L	U	SW7841		J

Surrogates:	Control Limits	% Recovery	Qual.	Method	Analysis Date	Prep Method	Prep Date	Analys
Tetrachloro-m-xylene	30 - 120	50		E504.1	7/12/2003	METHOD	7/11/2003 10:00:	MP
1,2-Dichloroethane-d4	80 - 120	106		SW8260B	7/3/2003	SW5030B	7/3/2003 19:10:0	JA
4-Bromofluorobenzene	86 - 115	112		SW8260B	7/3/2003	SW5030B	7/3/2003 19:10:0	JA
Toluene d(8)	88 - 110	106		SW8260B	7/3/2003	SW5030B	7/3/2003 19:10:0	JA

AIC Alternate initial calibration criteria used (mean RSD <15%)

i The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U The compound was analyzed for but not detected.

V Indicates that the analyte was detected in both the sample and the associated method blank.

J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)

T DOH certification #E84589, Compqap #980174 (AEL-Tampa)

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc.
Project Name: Trail Ridge GW

Report No.: J033718
Date/Time Received: 7/2/03 09:45

Lab Code: J033718-02
Client Sample ID: MWB-27D
Site: Monitoring Well
Matrix: Water

Date/Time Sampled: 7/1/2003 16:25
SampleType:
Sampled By: DSA/BR
Shipping Method: Client drop off

Appendix I Volatile Organic Compunds

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,1,1,2-Tetrachloroethane	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
1,1,1-Trichloroethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
1,1,2,2-Tetrachloroethane	1	0.19	0.19	**0.19**	ug/L	U	SW8260B		J
1,1,2-Trichloroethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
1,1-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,1-Dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
1,2,3-Trichloropropane	1	0.33	0.33	**0.33**	ug/L	U	SW8260B		J
1,2-Dibromo-3-chloropropane	1	0.55	0.55	**0.55**	ug/L	U	SW8260B		J
1,2-Dibromoethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
1,2-Dichlorobenzene	1	0.28	0.28	**0.28**	ug/L	U	SW8260B		J
1,2-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,2-Dichloropropane	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
1,3-Dichloropropene (Total)	1	0.52	0.52	**0.52**	ug/L	U	SW8260B		J
1,4-Dichlorobenzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
2-Hexanone (MBK)	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
4-Methyl-2-pentanone (MIBK)	1	0.35	0.35	**0.35**	ug/L	U	SW8260B		J
Acetone	1	0.71	0.71	**2.2**	ug/L	i	SW8260B	AIC	J
Acrylonitrile	1	1.6	1.6	**1.6**	ug/L	U	SW8260B		J
Benzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
Bromochloromethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Bromodichloromethane	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Bromoform	1	0.25	0.25	**0.25**	ug/L	U	SW8260B	AIC	J
Bromomethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B		J
Carbon Disulfide	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Carbon Tetrachloride	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Chlorobenzene	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Chloroethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B	AIC	J
Chloroform	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Chloromethane	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Cis-1,2-dichloroethene	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Cis-1,3-dichloropropene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Dibromochloromethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Dibromomethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
Ethylbenzene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Iodomethane	1	0.40	0.40	**0.40**	ug/L	U	SW8260B	AIC	J
Methyl ethyl ketone	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Methylene Chloride	1	0.21	0.21	**0.21**	ug/L	U	SW8260B		J
Styrene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Tetrachloroethene	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Toluene	1	0.29	0.29	**0.34**	ug/L	i	SW8260B		J
Trans-1,2-dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
Trans-1,3-dichloropropene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Trans-1,4-dichloro-2-butene	1	0.52	0.52	**0.52**	ug/L	U	SW8260B		J
Trichloroethene	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Trichlorofluoromethane	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033718

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 09:45

Vinyl Acetate	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Vinyl Chloride	1	0.49	0.49	**0.49**	ug/L	U	SW8260B		J
Xylenes (Total)	1	0.86	0.86	**0.86**	ug/L	U	SW8260B		J

Ethylene Dibromide

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,2-Dibromo-3-chloropropane	1	0.0034	0.0034	**0.0034**	ug/L	U	E504.1		J
Ethylene Dibromide	1	0.0069	0.0069	**0.0069**	ug/L	U	E504.1		J

Field Parameters

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Color/Sheen	1			**None**			Field		
Conductivity	1			**110**	µmhos/cm		Field		
Dissolved Oxygen	1			**5.5**	mg/L O2		Field		
pH (Field)	1			**6.41**	pH Units		Field		
Temperature	1			**22**	°C		Field		
Turbidity	1			**1.3**	NTU		Field		

Miscellaneous Analytes

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Ammonia (as N)	1	0.020	0.020	**0.34**	mg/L		E350.1		T
Nitrate (as N)	1	0.13	0.13	**0.13**	mg/L	U	SM4500NO3-F		J
Total Chlorides	1	0.50	0.50	**3.3**	mg/L		E325.2		J
Total Dissolved Solids	1	10	10	**71**	mg/L		E160.1		J

Total Metals

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic	1	0.0016	0.0016	**0.0016**	mg/L	U	SW6010B		J
Barium	1	0.00076	0.00076	**0.060**	mg/L		SW6010B		J
Beryllium	1	0.000059	0.000059	**0.000059**	mg/L	U	SW6010B		J
Cadmium	1	0.00036	0.00036	**0.00036**	mg/L	U	SW6010B		J
Chromium	1	0.0010	0.0010	**0.0010**	mg/L	U	SW6010B		J
Cobalt	1	0.00025	0.00025	**0.00060**	mg/L	i , V	SW6010B		J
Copper	1	0.0011	0.0011	**0.0011**	mg/L	U	SW6010B		J
Iron	1	0.019	0.019	**1.2**	mg/L		SW6010B		J
Lead	1	0.00091	0.00091	**0.00091**	mg/L	U	SW6010B		J
Nickel	1	0.00085	0.00085	**0.00085**	mg/L	U	SW6010B		J
Selenium	1	0.0022	0.0022	**0.0044**	mg/L	i	SW6010B		J
Silver	1	0.00017	0.00017	**0.00017**	mg/L	U	SW6010B		J
Sodium	1	0.049	0.049	**3.9**	mg/L		SW6010B		J
Vanadium	1	0.00016	0.00016	**0.00025**	mg/L	i	SW6010B		J
Zinc	1	0.0025	0.0025	**0.012**	mg/L		SW6010B		J

Total Metals (Hg)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury	1	0.000018	0.000018	**0.000018**	mg/L	U	SW7470A		J

Total Metals (Sb)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Antimony	1	0.0034	0.0034	**0.0034**	mg/L	U	SW7041A		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc.

Report No.: J033718

Project Name: Trail Ridge GW

Date/Time Received: 7/2/03 09:45

Total Metals (Tl)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium	1	0.00098	0.00098	**0.00098**	mg/L	U	SW7841		J

Surrogates:	Control Limits	% Recovery	Qual.	Method	Analysis Date	Prep Method	Prep Date	Analys
Tetrachloro-m-xylene	30 - 120	99		E504.1	7/12/2003	METHOD	7/11/2003 10:00:	MP
1,2-Dichloroethane-d4	80 - 120	108		SW8260B	7/3/2003	SW5030B	7/3/2003 19:10:0	JA
4-Bromofluorobenzene	86 - 115	114		SW8260B	7/3/2003	SW5030B	7/3/2003 19:10:0	JA
Toluene d(8)	88 - 110	102		SW8260B	7/3/2003	SW5030B	7/3/2003 19:10:0	JA

AIC Alternate initial calibration criteria used (mean RSD <15%)

i The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U The compound was analyzed for but not detected.

V Indicates that the analyte was detected in both the sample and the associated method blank.

J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)

T DOH certification #E84589, Compqap #980174 (AEL-Tampa)

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033718

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 09:45

Lab Code: J033718-03 **Date/Time Sampled:** 7/1/2003 17:42

Client Sample ID: MWB-34I **SampleType:**

Site: Monitoring Well **Sampled By:** DSA/BR

Matrix: Water **Shipping Method:** Client drop off

Appendix I Volatile Organic Compunds

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,1,1,2-Tetrachloroethane	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
1,1,1-Trichloroethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
1,1,2,2-Tetrachloroethane	1	0.19	0.19	**0.19**	ug/L	U	SW8260B		J
1,1,2-Trichloroethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
1,1-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,1-Dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
1,2,3-Trichloropropane	1	0.33	0.33	**0.33**	ug/L	U	SW8260B		J
1,2-Dibromo-3-chloropropane	1	0.55	0.55	**0.55**	ug/L	U	SW8260B		J
1,2-Dibromoethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
1,2-Dichlorobenzene	1	0.28	0.28	**0.28**	ug/L	U	SW8260B		J
1,2-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,2-Dichloropropane	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
1,3-Dichloropropene (Total)	1	0.52	0.52	**0.52**	ug/L	U	SW8260B		J
1,4-Dichlorobenzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
2-Hexanone (MBK)	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
4-Methyl-2-pentanone (MIBK)	1	0.35	0.35	**0.35**	ug/L	U	SW8260B		J
Acetone	1	0.71	0.71	**0.71**	ug/L	U	SW8260B	AIC	J
Acrylonitrile	1	1.6	1.6	**1.6**	ug/L	U	SW8260B		J
Benzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
Bromochloromethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Bromodichloromethane	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Bromoform	1	0.25	0.25	**0.25**	ug/L	U	SW8260B	AIC	J
Bromomethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B		J
Carbon Disulfide	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Carbon Tetrachloride	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Chlorobenzene	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Chloroethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B	AIC	J
Chloroform	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Chloromethane	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Cis-1,2-dichloroethene	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Cis-1,3-dichloropropene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Dibromochloromethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Dibromomethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
Ethylbenzene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Iodomethane	1	0.40	0.40	**0.40**	ug/L	U	SW8260B	AIC	J
Methyl ethyl ketone	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Methylene Chloride	1	0.21	0.21	**0.21**	ug/L	U	SW8260B		J
Styrene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Tetrachloroethene	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Toluene	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Trans-1,2-dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
Trans-1,3-dichloropropene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Trans-1,4-dichloro-2-butene	1	0.52	0.52	**0.52**	ug/L	U	SW8260B		J
Trichloroethene	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Trichlorofluoromethane	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033718

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 09:45

Vinyl Acetate	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Vinyl Chloride	1	0.49	0.49	**0.49**	ug/L	U	SW8260B		J
Xylenes (Total)	1	0.86	0.86	**0.86**	ug/L	U	SW8260B		J

Dissolved Metals

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic, dissolved	1	0.0016	0.0016	**0.0016**	mg/L	U	SW6010B		J
Barium, dissolved	1	0.00076	0.00076	**0.045**	mg/L		SW6010B		J
Beryllium, dissolved	1	0.000059	0.000059	**0.000059**	mg/L	U	SW6010B		J
Cadmium, dissolved	1	0.00036	0.00036	**0.00036**	mg/L	U	SW6010B		J
Chromium, dissolved	1	0.0010	0.0010	**0.0010**	mg/L	U	SW6010B		J
Cobalt, dissolved	1	0.00025	0.00025	**0.00027**	mg/L	i , V	SW6010B		J
Copper, dissolved	1	0.0011	0.0011	**0.0011**	mg/L	U	SW6010B		J
Iron, dissolved	1	0.019	0.019	**0.46**	mg/L		SW6010B		J
Lead, dissolved	1	0.00091	0.00091	**0.0020**	mg/L	i	SW6010B		J
Nickel, dissolved	1	0.00085	0.00085	**0.0019**	mg/L	i	SW6010B		J
Selenium, dissolved	1	0.0022	0.0022	**0.0038**	mg/L	i	SW6010B		J
Silver, dissolved	1	0.00017	0.00017	**0.00017**	mg/L	U	SW6010B		J
Sodium, dissolved	1	0.049	0.049	**3.2**	mg/L		SW6010B		J
Vanadium, dissolved	1	0.00016	0.00016	**0.00040**	mg/L	i	SW6010B		J
Zinc, dissolved	1	0.0025	0.0025	**0.0079**	mg/L	i	SW6010B		J

Dissolved Metals (Hg)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury, dissolved	1	0.000018	0.000018	**0.000018**	mg/L	U	SW7470A		J

Dissolved Metals (Tl)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium, dissolved	1	0.00098	0.00098	**0.00098**	mg/L	U	SW7841		J

Ethylene Dibromide

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,2-Dibromo-3-chloropropane	1	0.0034	0.0034	**0.0034**	ug/L	U	E504.1		J
Ethylene Dibromide	1	0.0069	0.0069	**0.0069**	ug/L	U	E504.1		J

Field Parameters

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Color/Sheen	1			**Wht**			Field		
Conductivity	1			**43**	µmhos/cm		Field		
Dissolved Oxygen	1			**1.0**	mg/L O2		Field		
pH (Field)	1			**5.28**	pH Units		Field		
Temperature	1			**22**	°C		Field		
Turbidity	1			**94**	NTU		Field		

Miscellaneous Analytes

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Ammonia (as N)	1	0.020	0.020	**0.12**	mg/L		E350.1		T
Nitrate (as N)	1	0.13	0.13	**0.13**	mg/L	U	SM4500NO3-F		J
Total Chlorides	1	0.50	0.50	**3.0**	mg/L		E325.2		
Total Dissolved Solids	1	10	10	**32**	mg/L		E160.1		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033718

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 09:45

Total Metals

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic	1	0.0016	0.0016	**0.0016**	mg/L	U	SW6010B		J
Barium	1	0.00076	0.00076	**0.060**	mg/L		SW6010B		J
Beryllium	1	0.000059	0.000059	**0.000097**	mg/L	i	SW6010B		J
Cadmium	1	0.00036	0.00036	**0.00036**	mg/L	U	SW6010B		J
Chromium	1	0.0010	0.0010	**0.0042**	mg/L		SW6010B		J
Cobalt	1	0.00025	0.00025	**0.00068**	mg/L	i , V	SW6010B		J
Copper	1	0.0011	0.0011	**0.0011**	mg/L	U	SW6010B		J
Iron	1	0.019	0.019	**0.76**	mg/L		SW6010B		J
Lead	1	0.00091	0.00091	**0.0052**	mg/L		SW6010B		J
Nickel	1	0.00085	0.00085	**0.0030**	mg/L	i	SW6010B		J
Selenium	1	0.0022	0.0022	**0.0022**	mg/L	U	SW6010B		J
Silver	1	0.00017	0.00017	**0.00017**	mg/L	U	SW6010B		J
Sodium	1	0.049	0.049	**3.4**	mg/L		SW6010B		J
Vanadium	1	0.00016	0.00016	**0.0038**	mg/L		SW6010B		J
Zinc	1	0.0025	0.0025	**0.0028**	mg/L	i	SW6010B		J

Total Metals (Hg)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury	1	0.000018	0.000018	**0.000018**	mg/L	U	SW7470A		J

Total Metals (Sb)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Antimony	1	0.0034	0.0034	**0.0034**	mg/L	U	SW7041A		J

Total Metals (Tl)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium	1	0.00098	0.00098	**0.00098**	mg/L	U	SW7841		J

Surrogates:	Control Limits	% Recovery	Qual.	Method	Analysis Date	Prep Method	Prep Date	Analyst
Tetrachloro-m-xylene	30 - 120	72		E504.1	7/12/2003	METHOD	7/11/2003 10:00:	MP
1,2-Dichloroethane-d4	80 - 120	108		SW8260B	7/3/2003	SW5030B	7/3/2003 19:10:0	JA
4-Bromofluorobenzene	86 - 115	114		SW8260B	7/3/2003	SW5030B	7/3/2003 19:10:0	JA
Toluene d(8)	88 - 110	106		SW8260B	7/3/2003	SW5030B	7/3/2003 19:10:0	JA

AIC Alternate initial calibration criteria used (mean RSD <15%)

i The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U The compound was analyzed for but not detected.

V Indicates that the analyte was detected in both the sample and the associated method blank.

J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)

T DOH certification #E84589, Compqap #980174 (AEL-Tampa)

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033718

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 09:45

Lab Code: J033718-04 **Date/Time Sampled:** 7/1/2003 17:52

Client Sample ID: MWB-34D **SampleType:**

Site: Monitoring Well **Sampled By:** DSA/BR

Matrix: Water **Shipping Method:** Client drop off

Appendix I Volatile Organic Compunds

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,1,1,2-Tetrachloroethane	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
1,1,1-Trichloroethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
1,1,2,2-Tetrachloroethane	1	0.19	0.19	**0.19**	ug/L	U	SW8260B		J
1,1,2-Trichloroethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
1,1-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,1-Dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
1,2,3-Trichloropropane	1	0.33	0.33	**0.33**	ug/L	U	SW8260B		J
1,2-Dibromo-3-chloropropane	1	0.55	0.55	**0.55**	ug/L	U	SW8260B		J
1,2-Dibromoethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
1,2-Dichlorobenzene	1	0.28	0.28	**0.28**	ug/L	U	SW8260B		J
1,2-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,2-Dichloropropane	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
1,3-Dichloropropene (Total)	1	0.52	0.52	**0.52**	ug/L	U	SW8260B		J
1,4-Dichlorobenzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
2-Hexanone (MBK)	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
4-Methyl-2-pentanone (MIBK)	1	0.35	0.35	**0.35**	ug/L	U	SW8260B		J
Acetone	1	0.71	0.71	**0.71**	ug/L	U	SW8260B	AIC	J
Acrylonitrile	1	1.6	1.6	**1.6**	ug/L	U	SW8260B		J
Benzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
Bromochloromethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Bromodichloromethane	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Bromoform	1	0.25	0.25	**0.25**	ug/L	U	SW8260B	AIC	J
Bromomethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B		J
Carbon Disulfide	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Carbon Tetrachloride	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Chlorobenzene	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Chloroethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B	AIC	J
Chloroform	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Chloromethane	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Cis-1,2-dichloroethene	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Cis-1,3-dichloropropene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Dibromochloromethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Dibromomethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
Ethylbenzene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Iodomethane	1	0.40	0.40	**0.40**	ug/L	U	SW8260B	AIC	J
Methyl ethyl ketone	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Methylene Chloride	1	0.21	0.21	**0.21**	ug/L	U	SW8260B		J
Styrene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Tetrachloroethene	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Toluene	1	0.29	0.29	**0.30**	ug/L	i	SW8260B		J
Trans-1,2-dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
Trans-1,3-dichloropropene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Trans-1,4-dichloro-2-butene	1	0.52	0.52	**0.52**	ug/L	U	SW8260B		J
Trichloroethene	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Trichlorofluoromethane	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033718

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 09:45

Vinyl Acetate	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Vinyl Chloride	1	0.49	0.49	**0.49**	ug/L	U	SW8260B		J
Xylenes (Total)	1	0.86	0.86	**0.86**	ug/L	U	SW8260B		J

Ethylene Dibromide

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,2-Dibromo-3-chloropropane	1	0.0034	0.0034	**0.0034**	ug/L	U	E504.1		J
Ethylene Dibromide	1	0.0069	0.0069	**0.0069**	ug/L	U	E504.1		J

Field Parameters

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Color/Sheen	1			None			Field		
Conductivity	1			**440**	µmhos/cm		Field		
Dissolved Oxygen	1			**0.80**	mg/L O2		Field		
pH (Field)	1			**7.01**	pH Units		Field		
Temperature	1			**22**	°C		Field		
Turbidity	1			**0.50**	NTU		Field		

Miscellaneous Analytes

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Ammonia (as N)	1	0.020	0.020	**0.43**	mg/L		E350.1		T
Nitrate (as N)	1	0.13	0.13	**0.13**	mg/L	U	SM4500NO3-F		J
Total Chlorides	1	0.50	0.50	**2.6**	mg/L		E325.2		J
Total Dissolved Solids	1	10	10	**220**	mg/L		E160.1		J

Total Metals

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic	1	0.0016	0.0016	**0.0016**	mg/L	U	SW6010B		J
Barium	1	0.00076	0.00076	**0.11**	mg/L		SW6010B		J
Beryllium	1	0.000059	0.000059	**0.000086**	mg/L	i	SW6010B		J
Cadmium	1	0.00036	0.00036	**0.00036**	mg/L	U	SW6010B		J
Chromium	1	0.0010	0.0010	**0.0010**	mg/L	U	SW6010B		J
Cobalt	1	0.00025	0.00025	**0.00035**	mg/L	i , V	SW6010B		J
Copper	1	0.0011	0.0011	**0.0014**	mg/L	i	SW6010B		J
Iron	1	0.019	0.019	**0.49**	mg/L		SW6010B		J
Lead	1	0.00091	0.00091	**0.00091**	mg/L	U	SW6010B		J
Nickel	1	0.00085	0.00085	**0.00085**	mg/L	U	SW6010B		J
Selenium	1	0.0022	0.0022	**0.0022**	mg/L	U	SW6010B		J
Silver	1	0.00017	0.00017	**0.00017**	mg/L	U	SW6010B		J
Sodium	1	0.049	0.049	**5.7**	mg/L		SW6010B		J
Vanadium	1	0.00016	0.00016	**0.00016**	mg/L	U	SW6010B		J
Zinc	1	0.0025	0.0025	**0.0025**	mg/L	U	SW6010B		J

Total Metals (Hg)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury	1	0.000018	0.000018	**0.000018**	mg/L	U	SW7470A		J

Total Metals (Sb)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Antimony	1	0.0034	0.0034	**0.0034**	mg/L	U	SW7041A		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc.

Report No.: J033718

Project Name: Trail Ridge GW

Date/Time Received: 7/2/03 09:45

Total Metals (Tl)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium	1	0.00098	0.00098	**0.00098**	mg/L	U	SW7841		J

Surrogates:	Control Limits	% Recovery	Qual.	Method	Analysis Date	Prep Method	Prep Date	Analys
Tetrachloro-m-xylene	30 - 120	107		E504.1	7/12/2003	METHOD	7/11/2003 10:00:	MP
1,2-Dichloroethane-d4	80 - 120	106		SW8260B	7/3/2003	SW5030B	7/3/2003 19:10:0	JA
4-Bromofluorobenzene	86 - 115	114		SW8260B	7/3/2003	SW5030B	7/3/2003 19:10:0	JA
Toluene d(8)	88 - 110	104		SW8260B	7/3/2003	SW5030B	7/3/2003 19:10:0	JA

AIC Alternate initial calibration criteria used (mean RSD <15%)

i The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U The compound was analyzed for but not detected.

V Indicates that the analyte was detected in both the sample and the associated method blank.

J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)

T DOH certification #E84589, Compqap #980174 (AEL-Tampa)

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033718

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 09:45

Lab Code: J033718-05 **Date/Time Sampled:** 7/1/2003 18:50

Client Sample ID: MWB-12I **SampleType:**

Site: Monitoring Well **Sampled By:** DSA/BR

Matrix: Water **Shipping Method:** Client drop off

Appendix I Volatile Organic Compunds

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,1,1,2-Tetrachloroethane	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
1,1,1-Trichloroethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
1,1,2,2-Tetrachloroethane	1	0.19	0.19	**0.19**	ug/L	U	SW8260B		J
1,1,2-Trichloroethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
1,1-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,1-Dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
1,2,3-Trichloropropane	1	0.33	0.33	**0.33**	ug/L	U	SW8260B		J
1,2-Dibromo-3-chloropropane	1	0.55	0.55	**0.55**	ug/L	U	SW8260B		J
1,2-Dibromoethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
1,2-Dichlorobenzene	1	0.28	0.28	**0.28**	ug/L	U	SW8260B		J
1,2-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,2-Dichloropropane	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
1,3-Dichloropropene (Total)	1	0.52	0.52	**0.52**	ug/L	U	SW8260B		J
1,4-Dichlorobenzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
2-Hexanone (MBK)	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
4-Methyl-2-pentanone (MIBK)	1	0.35	0.35	**0.35**	ug/L	U	SW8260B		J
Acetone	1	0.71	0.71	**2.0**	ug/L	i	SW8260B	AIC	J
Acrylonitrile	1	1.6	1.6	**1.6**	ug/L	U	SW8260B		J
Benzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
Bromochloromethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Bromodichloromethane	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Bromoform	1	0.25	0.25	**0.25**	ug/L	U	SW8260B	AIC	J
Bromomethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B		J
Carbon Disulfide	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Carbon Tetrachloride	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Chlorobenzene	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Chloroethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B	AIC	J
Chloroform	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Chloromethane	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Cis-1,2-dichloroethene	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Cis-1,3-dichloropropene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Dibromochloromethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Dibromomethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
Ethylbenzene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Iodomethane	1	0.40	0.40	**0.40**	ug/L	U	SW8260B	AIC	J
Methyl ethyl ketone	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Methylene Chloride	1	0.21	0.21	**0.21**	ug/L	U	SW8260B		J
Styrene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Tetrachloroethene	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Toluene	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Trans-1,2-dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
Trans-1,3-dichloropropene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Trans-1,4-dichloro-2-butene	1	0.52	0.52	**0.52**	ug/L	U	SW8260B		J
Trichloroethene	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Trichlorofluoromethane	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033718

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 09:45

Vinyl Acetate	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Vinyl Chloride	1	0.49	0.49	**0.49**	ug/L	U	SW8260B		J
Xylenes (Total)	1	0.86	0.86	**0.86**	ug/L	U	SW8260B		J

Ethylene Dibromide

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,2-Dibromo-3-chloropropane	1	0.0034	0.0034	**0.0034**	ug/L	U	E504.1		J
Ethylene Dibromide	1	0.0069	0.0069	**0.0069**	ug/L	U	E504.1		J

Field Parameters

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Color/Sheen	1			None			Field		
Conductivity	1			**41**	µmhos/cm		Field		
Dissolved Oxygen	1			**1.1**	mg/L O2		Field		
pH (Field)	1			**5.40**	pH Units		Field		
Temperature	1			**23**			Field		
Turbidity	1			**4.0**	NTU		Field		

Miscellaneous Analytes

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Ammonia (as N)	1	0.020	0.020	**0.26**	mg/L		E350.1		T
Nitrate (as N)	1	0.13	0.13	**0.13**	mg/L	U	SM4500NO3-F		J
Total Chlorides	1	0.50	0.50	**3.0**	mg/L		E325.2		
Total Dissolved Solids	1	10	10	**36**	mg/L		E160.1		

Total Metals

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic	1	0.0016	0.0016	**0.0016**	mg/L	U	SW6010B		J
Barium	1	0.00076	0.00076	**0.058**	mg/L		SW6010B		J
Beryllium	1	0.000059	0.000059	**0.00014**	mg/L	i	SW6010B		J
Cadmium	1	0.00036	0.00036	**0.00036**	mg/L	U	SW6010B		J
Chromium	1	0.0010	0.0010	**0.0034**	mg/L	i	SW6010B		J
Cobalt	1	0.00025	0.00025	**0.00025**	mg/L	U	SW6010B		J
Copper	1	0.0011	0.0011	**0.0011**	mg/L	U	SW6010B		J
Iron	1	0.019	0.019	**0.54**	mg/L		SW6010B		J
Lead	1	0.00091	0.00091	**0.0029**	mg/L	i	SW6010B		J
Nickel	1	0.00085	0.00085	**0.00085**	mg/L	U	SW6010B		J
Selenium	1	0.0022	0.0022	**0.0036**	mg/L	i	SW6010B		J
Silver	1	0.00017	0.00017	**0.00017**	mg/L	U	SW6010B		J
Sodium	1	0.049	0.049	**3.3**	mg/L		SW6010B		J
Vanadium	1	0.00016	0.00016	**0.0055**	mg/L		SW6010B		J
Zinc	1	0.0025	0.0025	**0.0037**	mg/L	i	SW6010B		J

Total Metals (Hg)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury	1	0.000018	0.000018	**0.000018**	mg/L	U	SW7470A		J

Total Metals (Sb)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Antimony	1	0.0034	0.0034	**0.0034**	mg/L	U	SW7041A		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033718

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 09:45

Total Metals (Tl)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium	1	0.00098	0.00098	**0.00098**	mg/L	U	SW7841		J

Surrogates:	Control Limits	% Recovery	Qual.	Method	Analysis Date	Prep Method	Prep Date	Analys
Tetrachloro-m-xylene	30 - 120	120		E504.1	7/12/2003	METHOD	7/11/2003 10:00:	MP
1,2-Dichloroethane-d4	80 - 120	106		SW8260B	7/3/2003	SW5030B	7/3/2003 19:10:0	JA
4-Bromofluorobenzene	86 - 115	114		SW8260B	7/3/2003	SW5030B	7/3/2003 19:10:0	JA
Toluene d(8)	88 - 110	106		SW8260B	7/3/2003	SW5030B	7/3/2003 19:10:0	JA

AIC Alternate initial calibration criteria used (mean RSD <15%)

i The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U The compound was analyzed for but not detected.

J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)

T DOH certification #E84589, Compqap #980174 (AEL-Tampa)

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc.
Project Name: Trail Ridge GW

Report No.: J033718
Date/Time Received: 7/2/03 09:45

Lab Code: J033718-06
Client Sample ID: MWB-12S
Site: Monitoring Well
Matrix: Water

Date/Time Sampled: 7/1/2003 18:34
SampleType:
Sampled By: DSA/BR
Shipping Method: Client drop off

Appendix I Volatile Organic Compunds

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,1,1,2-Tetrachloroethane	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
1,1,1-Trichloroethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
1,1,2,2-Tetrachloroethane	1	0.19	0.19	**0.19**	ug/L	U	SW8260B		J
1,1,2-Trichloroethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
1,1-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,1-Dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
1,2,3-Trichloropropane	1	0.33	0.33	**0.33**	ug/L	U	SW8260B		J
1,2-Dibromo-3-chloropropane	1	0.55	0.55	**0.55**	ug/L	U	SW8260B		J
1,2-Dibromoethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
1,2-Dichlorobenzene	1	0.28	0.28	**0.28**	ug/L	U	SW8260B		J
1,2-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,2-Dichloropropane	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
1,3-Dichloropropene (Total)	1	0.52	0.52	**0.52**	ug/L	U	SW8260B		J
1,4-Dichlorobenzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
2-Hexanone (MBK)	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
4-Methyl-2-pentanone (MIBK)	1	0.35	0.35	**0.35**	ug/L	U	SW8260B		J
Acetone	1	0.71	0.71	**2.3**	ug/L	i	SW8260B	AIC	J
Acrylonitrile	1	1.6	1.6	**1.6**	ug/L	U	SW8260B		J
Benzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
Bromochloromethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Bromodichloromethane	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Bromoform	1	0.25	0.25	**0.25**	ug/L	U	SW8260B	AIC	J
Bromomethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B		J
Carbon Disulfide	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Carbon Tetrachloride	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Chlorobenzene	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Chloroethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B	AIC	J
Chloroform	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Chloromethane	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Cis-1,2-dichloroethene	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Cis-1,3-dichloropropene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Dibromochloromethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Dibromomethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
Ethylbenzene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Iodomethane	1	0.40	0.40	**0.40**	ug/L	U	SW8260B	AIC	J
Methyl ethyl ketone	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Methylene Chloride	1	0.21	0.21	**0.21**	ug/L	U	SW8260B		J
Styrene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Tetrachloroethene	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Toluene	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Trans-1,2-dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
Trans-1,3-dichloropropene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Trans-1,4-dichloro-2-butene	1	0.52	0.52	**0.52**	ug/L	U	SW8260B		J
Trichloroethene	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Trichlorofluoromethane	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J

Client: Trail Rdge Landfill,Inc. **Report No.:** J033718

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 09:45

Vinyl Acetate	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Vinyl Chloride	1	0.49	0.49	**0.49**	ug/L	U	SW8260B		J
Xylenes (Total)	1	0.86	0.86	**0.86**	ug/L	U	SW8260B		J

Ethylene Dibromide

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,2-Dibromo-3-chloropropane	1	0.0034	0.0034	**0.0034**	ug/L	U	E504.1		J
Ethylene Dibromide	1	0.0069	0.0069	**0.0069**	ug/L	U	E504.1		J

Field Parameters

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Color/Sheen	1			**DkBrn**			Field		
Conductivity	1			**120**	µmhos/cm		Field		
Dissolved Oxygen	1			**2.5**	mg/L O2		Field		
pH (Field)	1			**5.47**	pH Units		Field		
Temperature	1			**23**	°C		Field		
Turbidity	1			**18**	NTU		Field		

Miscellaneous Analytes

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Ammonia (as N)	1	0.020	0.020	**0.53**	mg/L		E350.1		T
Nitrate (as N)	1	0.13	0.13	**0.41**	mg/L	i	SM4500NO3-F		J
Total Chlorides	1	0.50	0.50	**5.9**	mg/L		E325.2		J
Total Dissolved Solids	1	10	10	**80**	mg/L		E160.1		J

Total Metals

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic	1	0.0016	0.0016	**0.0016**	mg/L	U	SW6010B		J
Barium	1	0.00076	0.00076	**0.0062**	mg/L		SW6010B		J
Beryllium	1	0.000059	0.000059	**0.000059**	mg/L	U	SW6010B		J
Cadmium	1	0.00036	0.00036	**0.00036**	mg/L	U	SW6010B		J
Chromium	1	0.0010	0.0010	**0.0020**	mg/L	i	SW6010B		J
Cobalt	1	0.00025	0.00025	**0.00054**	mg/L	i , V	SW6010B		J
Copper	1	0.0011	0.0011	**0.0016**	mg/L	i	SW6010B		J
Iron	1	0.019	0.019	**0.12**	mg/L		SW6010B		J
Lead	1	0.00091	0.00091	**0.00091**	mg/L	U	SW6010B		J
Nickel	1	0.00085	0.00085	**0.00091**	mg/L	i	SW6010B		J
Selenium	1	0.0022	0.0022	**0.0059**	mg/L	i	SW6010B		J
Silver	1	0.00017	0.00017	**0.00017**	mg/L	U	SW6010B		J
Sodium	1	0.049	0.049	**3.6**	mg/L		SW6010B		J
Vanadium	1	0.00016	0.00016	**0.017**	mg/L		SW6010B		J
Zinc	1	0.0025	0.0025	**0.0025**	mg/L	U	SW6010B		J

Total Metals (Hg)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury	1	0.000018	0.000018	**0.000018**	mg/L	U	SW7470A		J

Total Metals (Sb)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Antimony	1	0.0034	0.0034	**0.0034**	mg/L	U	SW7041A		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033718

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 09:45

Total Metals (Tl)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium	1	0.00098	0.00098	**0.00098**	mg/L	U	SW7841		J

Surrogates:	Control Limits	% Recovery	Qual.	Method	Analysis Date	Prep Method	Prep Date	Analys
Tetrachloro-m-xylene	30 - 120	96		E504.1	7/12/2003	METHOD	7/11/2003 10:00:	MP
1,2-Dichloroethane-d4	80 - 120	110		SW8260B	7/3/2003	SW5030B	7/3/2003 19:10:0	JA
4-Bromofluorobenzene	86 - 115	116	J4	SW8260B	7/3/2003	SW5030B	7/3/2003 19:10:0	JA
Toluene d(8)	88 - 110	104		SW8260B	7/3/2003	SW5030B	7/3/2003 19:10:0	JA

AIC Alternate initial calibration criteria used (mean RSD <15%)

i The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

J4 The sample matrix interfered with the ability to make an accurate determination.

U The compound was analyzed for but not detected.

V Indicates that the analyte was detected in both the sample and the associated method blank.

J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)

T DOH certification #E84589, Compqap #980174 (AEL-Tampa)

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033718

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 09:45

Lab Code: J033718-07 **Date/Time Sampled:** 7/1/2003 18:32

Client Sample ID: MWB-12D **SampleType:**

Site: Monitoring Well **Sampled By:** DSA/BR

Matrix: Water **Shipping Method:** Client drop off

Appendix I Volatile Organic Compunds

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,1,1,2-Tetrachloroethane	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
1,1,1-Trichloroethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
1,1,2,2-Tetrachloroethane	1	0.19	0.19	**0.19**	ug/L	U	SW8260B		J
1,1,2-Trichloroethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
1,1-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,1-Dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
1,2,3-Trichloropropane	1	0.33	0.33	**0.33**	ug/L	U	SW8260B		J
1,2-Dibromo-3-chloropropane	1	0.55	0.55	**0.55**	ug/L	U	SW8260B		J
1,2-Dibromoethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
1,2-Dichlorobenzene	1	0.28	0.28	**0.28**	ug/L	U	SW8260B		J
1,2-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,2-Dichloropropane	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
1,3-Dichloropropene (Total)	1	0.52	0.52	**0.52**	ug/L	U	SW8260B		J
1,4-Dichlorobenzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
2-Hexanone (MBK)	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
4-Methyl-2-pentanone (MIBK)	1	0.35	0.35	**0.35**	ug/L	U	SW8260B		J
Acetone	1	0.71	0.71	**0.71**	ug/L	U	SW8260B	AIC	J
Acrylonitrile	1	1.6	1.6	**1.6**	ug/L	U	SW8260B		J
Benzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
Bromochloromethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Bromodichloromethane	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Bromoform	1	0.25	0.25	**0.25**	ug/L	U	SW8260B	AIC	J
Bromomethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B		J
Carbon Disulfide	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Carbon Tetrachloride	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Chlorobenzene	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Chloroethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B	AIC	J
Chloroform	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Chloromethane	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Cis-1,2-dichloroethene	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Cis-1,3-dichloropropene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Dibromochloromethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Dibromomethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
Ethylbenzene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Iodomethane	1	0.40	0.40	**0.40**	ug/L	U	SW8260B	AIC	J
Methyl ethyl ketone	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Methylene Chloride	1	0.21	0.21	**0.21**	ug/L	U	SW8260B		J
Styrene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Tetrachloroethene	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Toluene	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Trans-1,2-dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
Trans-1,3-dichloropropene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Trans-1,4-dichloro-2-butene	1	0.52	0.52	**0.52**	ug/L	U	SW8260B		J
Trichloroethene	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Trichlorofluoromethane	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033718

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 09:45

Vinyl Acetate	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Vinyl Chloride	1	0.49	0.49	**0.49**	ug/L	U	SW8260B		J
Xylenes (Total)	1	0.86	0.86	**0.86**	ug/L	U	SW8260B		J

Ethylene Dibromide

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,2-Dibromo-3-chloropropane	1	0.0034	0.0034	**0.0034**	ug/L	U	E504.1		J
Ethylene Dibromide	1	0.0069	0.0069	**0.0069**	ug/L	U	E504.1		J

Field Parameters

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Color/Sheen	1			None			Field		
Conductivity	1			**400**	µmhos/cm		Field		
Dissolved Oxygen	1			**0.80**	mg/L O2		Field		
pH (Field)	1			**7.22**	pH Units		Field		
Temperature	1			**23**	°C		Field		
Turbidity	1			**4.8**	NTU		Field		

Miscellaneous Analytes

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Ammonia (as N)	1	0.020	0.020	**0.33**	mg/L		E350.1		T
Nitrate (as N)	1	0.13	0.13	**0.13**	mg/L	U	SM4500NO3-F		J
Total Chlorides	1	0.50	0.50	**1.8**	mg/L	i	E325.2		
Total Dissolved Solids	1	10	10	**210**	mg/L		E160.1		

Total Metals

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic	1	0.0016	0.0016	**0.0016**	mg/L	U	SW6010B		J
Barium	1	0.00076	0.00076	**0.12**	mg/L		SW6010B		J
Beryllium	1	0.000059	0.000059	**0.00014**	mg/L	i	SW6010B		J
Cadmium	1	0.00036	0.00036	**0.00044**	mg/L	i	SW6010B		J
Chromium	1	0.0010	0.0010	**0.0011**	mg/L	i	SW6010B		J
Cobalt	1	0.00025	0.00025	**0.00043**	mg/L	i , V	SW6010B		J
Copper	1	0.0011	0.0011	**0.0017**	mg/L	i	SW6010B		J
Iron	1	0.019	0.019	**0.79**	mg/L		SW6010B		J
Lead	1	0.00091	0.00091	**0.00091**	mg/L	U	SW6010B		J
Nickel	1	0.00085	0.00085	**0.00085**	mg/L	U	SW6010B		J
Selenium	1	0.0022	0.0022	**0.0052**	mg/L	i	SW6010B		J
Silver	1	0.00017	0.00017	**0.00030**	mg/L	i	SW6010B		J
Sodium	1	0.049	0.049	**5.3**	mg/L		SW6010B		J
Vanadium	1	0.00016	0.00016	**0.00016**	mg/L	U	SW6010B		J
Zinc	1	0.0025	0.0025	**0.0025**	mg/L	U	SW6010B		J

Total Metals (Hg)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury	1	0.000018	0.000018	**0.000018**	mg/L	U	SW7470A		J

Total Metals (Sb)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Antimony	1	0.0034	0.0034	**0.0034**	mg/L	U	SW7041A		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc.

Report No.: J033718

Project Name: Trail Ridge GW

Date/Time Received: 7/2/03 09:45

Total Metals (Tl)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium	1	0.00098	0.00098	**0.00098**	mg/L	U	SW7841		J

Surrogates:	Control Limits	% Recovery	Qual.	Method	Analysis Date	Prep Method	Prep Date	Analyst
Tetrachloro-m-xylene	30 - 120	102		E504.1	7/12/2003	METHOD	7/11/2003 10:00:	MP
1,2-Dichloroethane-d4	80 - 120	106		SW8260B	7/3/2003	SW5030B	7/3/2003 19:10:0	JA
4-Bromofluorobenzene	86 - 115	118	J4	SW8260B	7/3/2003	SW5030B	7/3/2003 19:10:0	JA
Toluene d(8)	88 - 110	106		SW8260B	7/3/2003	SW5030B	7/3/2003 19:10:0	JA

AIC Alternate initial calibration criteria used (mean RSD <15%)

i The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

J4 The sample matrix interfered with the ability to make an accurate determination.

U The compound was analyzed for but not detected.

V Indicates that the analyte was detected in both the sample and the associated method blank.

J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)

T DOH certification #E84589, Compqap #980174 (AEL-Tampa)

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc.
Project Name: Trail Ridge GW

Report No.: J033718
Date/Time Received: 7/2/03 09:45

Lab Code: J033718-08
Client Sample ID: TB
Site: Trip Blank
Matrix: Water

Date/Time Sampled: 7/1/2003
SampleType:
Sampled By: DSA/BR
Shipping Method: Client drop off

Appendix I Volatile Organic Compunds

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,1,1,2-Tetrachloroethane	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
1,1,1-Trichloroethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
1,1,2,2-Tetrachloroethane	1	0.19	0.19	**0.19**	ug/L	U	SW8260B		J
1,1,2-Trichloroethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
1,1-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,1-Dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
1,2,3-Trichloropropane	1	0.33	0.33	**0.33**	ug/L	U	SW8260B		J
1,2-Dibromo-3-chloropropane	1	0.55	0.55	**0.55**	ug/L	U	SW8260B		J
1,2-Dibromoethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
1,2-Dichlorobenzene	1	0.28	0.28	**0.28**	ug/L	U	SW8260B		J
1,2-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,2-Dichloropropane	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
1,3-Dichloropropene (Total)	1	0.52	0.52	**0.52**	ug/L	U	SW8260B		J
1,4-Dichlorobenzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
2-Hexanone (MBK)	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
4-Methyl-2-pentanone (MIBK)	1	0.35	0.35	**0.35**	ug/L	U	SW8260B		J
Acetone	1	0.71	0.71	**1.9**	ug/L	i	SW8260B	AIC	J
Acrylonitrile	1	1.6	1.6	**1.6**	ug/L	U	SW8260B		J
Benzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
Bromochloromethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Bromodichloromethane	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Bromoform	1	0.25	0.25	**0.25**	ug/L	U	SW8260B	AIC	J
Bromomethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B		J
Carbon Disulfide	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Carbon Tetrachloride	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Chlorobenzene	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Chloroethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B	AIC	J
Chloroform	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Chloromethane	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Cis-1,2-dichloroethene	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Cis-1,3-dichloropropene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Dibromochloromethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Dibromomethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
Ethylbenzene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Iodomethane	1	0.40	0.40	**0.40**	ug/L	U	SW8260B	AIC	J
Methyl ethyl ketone	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Methylene Chloride	1	0.21	0.21	**0.41**	ug/L	i , V	SW8260B		J
Styrene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Tetrachloroethene	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Toluene	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Trans-1,2-dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
Trans-1,3-dichloropropene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Trans-1,4-dichloro-2-butene	1	0.52	0.52	**0.52**	ug/L	U	SW8260B		J
Trichloroethene	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Trichlorofluoromethane	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033718

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 09:45

Vinyl Acetate	1	0.31	0.31	**0.31**	ug/L	U	SW8260B	J
Vinyl Chloride	1	0.49	0.49	**0.49**	ug/L	U	SW8260B	J
Xylenes (Total)	1	0.86	0.86	**0.86**	ug/L	U	SW8260B	J

Surrogates:	Control Limits	% Recovery	Qual.	Method	Analysis Date	Prep Method	Prep Date	Analys
1,2-Dichloroethane-d4	80 - 120	114		SW8260B	7/3/2003	SW5030B	7/3/2003 19:10:0	JA
4-Bromofluorobenzene	86 - 115	118	J4	SW8260B	7/3/2003	SW5030B	7/3/2003 19:10:0	JA
Toluene d(8)	88 - 110	106		SW8260B	7/3/2003	SW5030B	7/3/2003 19:10:0	JA

AIC Alternate initial calibration criteria used (mean RSD <15%)

i The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

J4 The sample matrix interfered with the ability to make an accurate determination.

U The compound was analyzed for but not detected.

V Indicates that the analyte was detected in both the sample and the associated method blank.

J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033718

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 09:45

Sample Cross Reference Information

Lab Code: J033718-01 **Site: Monitoring Well**

Client Sample Number: MWB-27S **Matrix: Water**

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time	Analyst	Prep Batch ID	Prep Date/Time
Ammonia (as N)	E350.1	NONE	wct070803nh33	7/8/2003 13:15	DLS		
Appendix I Volatile Organic Compunds	SW8260B	SW5030B	v070303a	7/3/2003 19:10	JA	v070303a	7/3/2003 19:10:0
Ethylene Dibromide	E504.1	METHOD	sv071203f-edb	7/12/2003 10:57	MP	SV071103-Eth	7/11/2003 10:00:
Nitrate (as N)	SM4500NO3-F	NONE	WCJ-070203-NIT2	7/2/2003 14:56	KDC		
Total Chlorides	E325.2	NONE	WCJ-070703-CL1	7/7/2003 14:16	KDC		
Total Dissolved Solids	E160.1	NONE	WCJ-070803-TDS2	7/8/2003 10:35	AGF		
Total Metals	SW6010B	SW3010A	M070203-3010 #3	7/3/2003 18:38	KC	M070203-3010 #3	7/2/2003 14:16:0
Total Metals (Hg)	SW7470A	METHOD	M070803-HG #1	7/8/2003 09:13	TP	M070803-HG #1	7/8/2003 04:30:0
Total Metals (Sb)	SW7041A	SW3020A	M070203-3020SB3	7/8/2003 13:29	KC	M070203-3020 #3	7/2/2003 14:22:0
Total Metals (Tl)	SW7841	SW3020A	M070203-3020TL3	7/3/2003 12:50	KC	M070203-3020 #3	7/2/2003 14:22:0

Lab Code: J033718-02 **Site: Monitoring Well**

Client Sample Number: MWB-27D **Matrix: Water**

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time	Analyst	Prep Batch ID	Prep Date/Time
Ammonia (as N)	E350.1	NONE	wct070803nh34	7/8/2003 13:15	DLS		
Appendix I Volatile Organic Compunds	SW8260B	SW5030B	v070303a	7/3/2003 19:10	JA	v070303a	7/3/2003 19:10:0
Ethylene Dibromide	E504.1	METHOD	sv071203f-edb	7/12/2003 10:57	MP	SV071103-Eth	7/11/2003 10:00:
Nitrate (as N)	SM4500NO3-F	NONE	WCJ-070203-NIT2	7/2/2003 14:56	KDC		
Total Chlorides	E325.2	NONE	WCJ-070703-CL1	7/7/2003 14:16	KDC		
Total Dissolved Solids	E160.1	NONE	WCJ-070803-TDS2	7/8/2003 10:35	AGF		
Total Metals	SW6010B	SW3010A	M070203-3010 #3	7/3/2003 18:38	KC	M070203-3010 #3	7/2/2003 14:16:
Total Metals (Hg)	SW7470A	METHOD	M070803-HG #1	7/8/2003 09:13	TP	M070803-HG #1	7/8/2003 04:30:
Total Metals (Sb)	SW7041A	SW3020A	M070203-3020SB3	7/8/2003 13:29	KC	M070203-3020 #3	7/2/2003 14:22:0
Total Metals (Tl)	SW7841	SW3020A	M070203-3020TL3	7/3/2003 12:50	KC	M070203-3020 #3	7/2/2003 14:22:0

Lab Code: J033718-03 **Site: Monitoring Well**

Client Sample Number: MWB-34I **Matrix: Water**

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time	Analyst	Prep Batch ID	Prep Date/Time
Ammonia (as N)	E350.1	NONE	wct070803nh34	7/8/2003 13:15	DLS		
Appendix I Volatile Organic Compunds	SW8260B	SW5030B	v070303a	7/3/2003 19:10	JA	v070303a	7/3/2003 19:10:0
Dissolved Metals	SW6010B	SW3005A	M070203-3010 #3	7/3/2003 18:38	KC	M070203-3010 #3	7/2/2003 14:16:0
Dissolved Metals (Hg)	SW7470A	METHOD	M070803-HG #1	7/8/2003 09:13	TP	M070803-HG #1	7/8/2003 04:30:0
Dissolved Metals (Sb)	SW7041A	SW3005A	M070203-3020SB3	7/8/2003 13:29	KC	M070203-3020 #3	7/2/2003 14:22:0
Dissolved Metals (Tl)	SW7841	SW3005A	M070203-3020TL3	7/3/2003 12:50	KC	M070203-3020 #3	7/2/2003 14:22:0
Ethylene Dibromide	E504.1	METHOD	sv071203f-edb	7/12/2003 10:57	MP	SV071103-Eth	7/11/2003 10:00:
Nitrate (as N)	SM4500NO3-F	NONE	WCJ-070203-NIT2	7/2/2003 14:56	KDC		
Total Chlorides	E325.2	NONE	WCJ-070703-CL1	7/7/2003 14:16	KDC		
Total Dissolved Solids	E160.1	NONE	WCJ-070803-TDS2	7/8/2003 10:35	AGF		
Total Metals	SW6010B	SW3010A	M070203-3010 #3	7/3/2003 18:38	KC	M070203-3010 #3	7/2/2003 14:16:0
Total Metals (Hg)	SW7470A	METHOD	M070803-HG #1	7/8/2003 09:13	TP	M070803-HG #1	7/8/2003 04:30:0
Total Metals (Sb)	SW7041A	SW3020A	M070203-3020SB3	7/8/2003 13:29	KC	M070203-3020 #3	7/2/2003 14:22:0
Total Metals (Tl)	SW7841	SW3020A	M070203-3020TL3	7/3/2003 12:50	KC	M070203-3020 #3	7/2/2003 14:22:0

Lab Code: J033718-04 **Site: Monitoring Well**

Client Sample Number: MWB-34D **Matrix: Water**

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time	Analyst	Prep Batch ID	Prep Date/Time
Ammonia (as N)	E350.1	NONE	wct070803nh34	7/8/2003 13:15	DLS		
Appendix I Volatile Organic Compunds	SW8260B	SW5030B	v070303a	7/3/2003 19:10	JA	v070303a	7/3/2003 19:10:0
Ethylene Dibromide	E504.1	METHOD	sv071203f-edb	7/12/2003 10:57	MP	SV071103-Eth	7/11/2003 10:00:
Nitrate (as N)	SM4500NO3-F	NONE	WCJ-070203-NIT2	7/2/2003 14:56	KDC		
Total Chlorides	E325.2	NONE	WCJ-070703-CL1	7/7/2003 14:16	KDC		
Total Dissolved Solids	E160.1	NONE	WCJ-070803-TDS2	7/8/2003 10:35	AGF		
Total Metals	SW6010B	SW3010A	M070203-3010 #3	7/3/2003 18:38	KC	M070203-3010 #3	7/2/2003 14:16:0
Total Metals (Hg)	SW7470A	METHOD	M070803-HG #1	7/8/2003 09:13	TP	M070803-HG #1	7/8/2003 04:30:0
Total Metals (Sb)	SW7041A	SW3020A	M070203-3020SB3	7/8/2003 13:29	KC	M070203-3020 #3	7/2/2003 14:22:0
Total Metals (Tl)	SW7841	SW3020A	M070203-3020TL3	7/3/2003 12:50	KC	M070203-3020 #3	7/2/2003 14:22:0

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033718

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 09:45

Lab Code: J033718-05 **Site: Monitoring Well**

Client Sample Number: MWB-12I **Matrix: Water**

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time		Analyst	Prep Batch ID	Prep Date/Time
Ammonia (as N)	E350.1	NONE	wct070803nh34	7/8/2003	13:15	DLS		
Appendix I Volatile Organic Compunds	SW8260B	SW5030B	v070303a	7/3/2003	19:10	JA	v070303a	7/3/2003 19:10:0
Ethylene Dibromide	E504.1	METHOD	sv071203f-edb	7/12/2003	10:57	MP	SV071103-Eth	7/11/2003 10:00:
Nitrate (as N)	SM4500NO3-F	NONE	WCJ-070203-NIT2	7/2/2003	14:56	KDC		
Total Chlorides	E325.2	NONE	WCJ-070703-CL1	7/7/2003	14:16	KDC		
Total Dissolved Solids	E160.1	NONE	WCJ-070803-TDS2	7/8/2003	10:35	AGF		
Total Metals	SW6010B	SW3010A	M070203-3010 #3	7/3/2003	18:38	KC	M070203-3010 #3	7/2/2003 14:16:0
Total Metals (Hg)	SW7470A	METHOD	M070803-HG #1	7/8/2003	09:13	TP	M070803-HG #1	7/8/2003 04:30:0
Total Metals (Sb)	SW7041A	SW3020A	M070203-3020SB3	7/8/2003	13:29	KC	M070203-3020 #3	7/2/2003 14:22:0
Total Metals (Tl)	SW7841	SW3020A	M070203-3020TL3	7/3/2003	12:50	KC	M070203-3020 #3	7/2/2003 14:22:0

Lab Code: J033718-06 **Site: Monitoring Well**

Client Sample Number: MWB-12S **Matrix: Water**

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time		Analyst	Prep Batch ID	Prep Date/Time
Ammonia (as N)	E350.1	NONE	wct070803nh34	7/8/2003	13:15	DLS		
Appendix I Volatile Organic Compunds	SW8260B	SW5030B	v070303a	7/3/2003	19:10	JA	v070303a	7/3/2003 19:10:0
Ethylene Dibromide	E504.1	METHOD	sv071203f-edb	7/12/2003	10:57	MP	SV071103-Eth	7/11/2003 10:00:
Nitrate (as N)	SM4500NO3-F	NONE	WCJ-070203-NIT2	7/2/2003	14:56	KDC		
Total Chlorides	E325.2	NONE	WCJ-070703-CL1	7/7/2003	14:16	KDC		
Total Dissolved Solids	E160.1	NONE	WCJ-070803-TDS2	7/8/2003	10:35	AGF		
Total Metals	SW6010B	SW3010A	M070203-3010 #3	7/3/2003	18:38	KC	M070203-3010 #3	7/2/2003 14:16:0
Total Metals (Hg)	SW7470A	METHOD	M070803-HG #1	7/8/2003	09:13	TP	M070803-HG #1	7/8/2003 04:30:0
Total Metals (Sb)	SW7041A	SW3020A	M070203-3020SB3	7/8/2003	13:29	KC	M070203-3020 #3	7/2/2003 14:22:0
Total Metals (Tl)	SW7841	SW3020A	M070203-3020TL3	7/3/2003	12:50	KC	M070203-3020 #3	7/2/2003 14:22:0

Lab Code: J033718-07 **Site: Monitoring Well**

Client Sample Number: MWB-12D **Matrix: Water**

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time		Analyst	Prep Batch ID	Prep Date/Time
Ammonia (as N)	E350.1	NONE	wct070803nh34	7/8/2003	13:15	DLS		
Appendix I Volatile Organic Compunds	SW8260B	SW5030B	v070303a	7/3/2003	19:10	JA	v070303a	7/3/2003 19:10:0
Ethylene Dibromide	E504.1	METHOD	sv071203f-edb	7/12/2003	10:57	MP	SV071103-Eth	7/11/2003 10:00:
Nitrate (as N)	SM4500NO3-F	NONE	WCJ-070203-NIT2	7/2/2003	14:56	KDC		
Total Chlorides	E325.2	NONE	WCJ-070703-CL1	7/7/2003	14:16	KDC		
Total Dissolved Solids	E160.1	NONE	WCJ-070803-TDS2	7/8/2003	10:35	AGF		
Total Metals	SW6010B	SW3010A	M070203-3010 #3	7/3/2003	18:38	KC	M070203-3010 #3	7/2/2003 14:16:0
Total Metals (Hg)	SW7470A	METHOD	M070803-HG #1	7/8/2003	09:13	TP	M070803-HG #1	7/8/2003 04:30:0
Total Metals (Sb)	SW7041A	SW3020A	M070203-3020SB3	7/8/2003	13:29	KC	M070203-3020 #3	7/2/2003 14:22:0
Total Metals (Tl)	SW7841	SW3020A	M070203-3020TL3	7/3/2003	12:50	KC	M070203-3020 #3	7/2/2003 14:22:0

Lab Code: J033718-08 **Site: Trip Blank**

Client Sample Number: TB **Matrix: Water**

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time		Analyst	Prep Batch ID	Prep Date/Time
Appendix I Volatile Organic Compunds	SW8260B	SW5030B	v070303a	7/3/2003	19:10	JA	v070303a	7/3/2003 19:10:0

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033718

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 09:45

Quality Assurance Report

Method Blanks

Total Metals

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
M070203-3010 #3	Arsenic	Method Blank	SW6010B	0.0016	0.0016	mg/L	U
M070203-3010 #3	Barium	Method Blank	SW6010B	0.00076	0.00076	mg/L	U
M070203-3010 #3	Beryllium	Method Blank	SW6010B	0.000059	0.000059	mg/L	U
M070203-3010 #3	Cadmium	Method Blank	SW6010B	0.00036	0.00036	mg/L	U
M070203-3010 #3	Chromium	Method Blank	SW6010B	0.0010	0.0010	mg/L	U
M070203-3010 #3	Cobalt	Method Blank	SW6010B	0.00025	0.00034	mg/L	I
M070203-3010 #3	Copper	Method Blank	SW6010B	0.0011	0.0011	mg/L	U
M070203-3010 #3	Iron	Method Blank	SW6010B	0.019	0.019	mg/L	U
M070203-3010 #3	Lead	Method Blank	SW6010B	0.00091	0.00091	mg/L	U
M070203-3010 #3	Nickel	Method Blank	SW6010B	0.00085	0.00085	mg/L	U
M070203-3010 #3	Selenium	Method Blank	SW6010B	0.0022	0.0022	mg/L	U
M070203-3010 #3	Silver	Method Blank	SW6010B	0.00017	0.00017	mg/L	U
M070203-3010 #3	Sodium	Method Blank	SW6010B	0.049	0.049	mg/L	U
M070203-3010 #3	Vanadium	Method Blank	SW6010B	0.00016	0.00016	mg/L	U
M070203-3010 #3	Zinc	Method Blank	SW6010B	0.0025	0.0025	mg/L	U

Total Metals (Sb)

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
M070203-3020SB	Antimony	Method Blank	SW7041A	0.0034	0.0034	mg/L	U

Total Metals (Tl)

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
M070203-3020TL	Thallium	Method Blank	SW7841	0.00098	0.00098	mg/L	U

Total Metals (Hg)

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
M070803-HG #1	Mercury	Method Blank	SW7470A	0.000018	0.000018	mg/L	U

Ethylene Dibromide

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
sv071203f-edb	1,2-Dibromo-3-chloropropane	Method Blank	E504.1	0.0034	0.0034	ug/L	U
sv071203f-edb	Ethylene Dibromide	Method Blank	E504.1	0.0069	0.0069	ug/L	U

Surrogate(s)	Result	Units	% Recovery	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	1.1	ug/L	110		30 - 120

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033718

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 09:45

Appendix I Volatile Organic Compunds

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
v070303a	1,1,1,2-Tetrachloroethane	Method Blank	SW8260B	0.27	0.27	ug/L	U
v070303a	1,1,1-Trichloroethane	Method Blank	SW8260B	0.39	0.39	ug/L	U
v070303a	1,1,2,2-Tetrachloroethane	Method Blank	SW8260B	0.19	0.19	ug/L	U
v070303a	1,1,2-Trichloroethane	Method Blank	SW8260B	0.34	0.34	ug/L	U
v070303a	1,1-Dichloroethane	Method Blank	SW8260B	0.36	0.36	ug/L	U
v070303a	1,1-Dichloroethene	Method Blank	SW8260B	0.50	0.50	ug/L	U
v070303a	1,2,3-Trichloropropane	Method Blank	SW8260B	0.33	0.33	ug/L	U
v070303a	1,2-Dibromo-3-chloropropane	Method Blank	SW8260B	0.55	0.55	ug/L	U
v070303a	1,2-Dibromoethane	Method Blank	SW8260B	0.20	0.25	ug/L	U
v070303a	1,2-Dichlorobenzene	Method Blank	SW8260B	0.28	0.28	ug/L	U
v070303a	1,2-Dichloroethane	Method Blank	SW8260B	0.36	0.36	ug/L	U
v070303a	1,2-Dichloropropane	Method Blank	SW8260B	0.30	0.30	ug/L	U
v070303a	1,3-Dichloropropene (Total)	Method Blank	SW8260B	0.52	0.52	ug/L	U
v070303a	1,4-Dichlorobenzene	Method Blank	SW8260B	0.30	0.30	ug/L	U
v070303a	2-Hexanone (MBK)	Method Blank	SW8260B	0.27	0.27	ug/L	U
v070303a	4-Methyl-2-pentanone (MIBK)	Method Blank	SW8260B	0.35	0.35	ug/L	U
v070303a	Acetone	Method Blank	SW8260B	0.71	0.71	ug/L	U
v070303a	Acrylonitrile	Method Blank	SW8260B	1.6	1.6	ug/L	U
v070303a	Benzene	Method Blank	SW8260B	0.30	0.30	ug/L	U
v070303a	Bromochloromethane	Method Blank	SW8260B	0.39	0.39	ug/L	U
v070303a	Bromodichloromethane	Method Blank	SW8260B	0.29	0.29	ug/L	U
v070303a	Bromoform	Method Blank	SW8260B	0.25	0.25	ug/L	U
v070303a	Bromomethane	Method Blank	SW8260B	0.47	0.47	ug/L	U
v070303a	Carbon Disulfide	Method Blank	SW8260B	0.41	0.41	ug/L	U
v070303a	Carbon Tetrachloride	Method Blank	SW8260B	0.39	0.39	ug/L	U
v070303a	Chlorobenzene	Method Blank	SW8260B	0.31	0.31	ug/L	U
v070303a	Chloroethane	Method Blank	SW8260B	0.62	0.47	ug/L	U
v070303a	Chloroform	Method Blank	SW8260B	0.41	0.41	ug/L	U
v070303a	Chloromethane	Method Blank	SW8260B	0.43	0.43	ug/L	U
v070303a	Cis-1,2-dichloroethene	Method Blank	SW8260B	0.33	0.39	ug/L	U
v070303a	Cis-1,3-dichloropropene	Method Blank	SW8260B	0.27	0.27	ug/L	U
v070303a	Dibromochloromethane	Method Blank	SW8260B	0.25	0.25	ug/L	U
v070303a	Dibromomethane	Method Blank	SW8260B	0.34	0.34	ug/L	U
v070303a	Ethylbenzene	Method Blank	SW8260B	0.27	0.27	ug/L	U
v070303a	Iodomethane	Method Blank	SW8260B	0.40	0.40	ug/L	U
v070303a	Methyl ethyl ketone	Method Blank	SW8260B	0.25	0.25	ug/L	U
v070303a	Methylene Chloride	Method Blank	SW8260B	0.21	0.25	ug/L	I
v070303a	Styrene	Method Blank	SW8260B	0.25	0.25	ug/L	U
v070303a	Tetrachloroethene	Method Blank	SW8260B	0.43	0.43	ug/L	U
v070303a	Toluene	Method Blank	SW8260B	0.29	0.29	ug/L	U
v070303a	Trans-1,2-dichloroethene	Method Blank	SW8260B	0.50	0.50	ug/L	U
v070303a	Trans-1,3-dichloropropene	Method Blank	SW8260B	0.25	0.25	ug/L	U
v070303a	Trans-1,4-dichloro-2-butene	Method Blank	SW8260B	0.52	1.3	ug/L	U
v070303a	Trichloroethene	Method Blank	SW8260B	0.43	0.43	ug/L	U
v070303a	Trichlorofluoromethane	Method Blank	SW8260B	0.50	0.50	ug/L	U
v070303a	Vinyl Acetate	Method Blank	SW8260B	0.31	0.31	ug/L	U
v070303a	Vinyl Chloride	Method Blank	SW8260B	0.49	0.49	ug/L	U
v070303a	Xylenes (Total)	Method Blank	SW8260B	0.86	0.86	ug/L	U

rrogate(s)	Result	Units	% Recovery	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4	53	ug/L	106		80 - 120
Toluene d(8)	52	ug/L	104		88 - 110
4-Bromofluorobenzene	57	ug/L	114		86 - 115

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033718

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 09:45

Miscellaneous Analytes

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
WCJ-070203-NIT	Nitrate (as N)	Method Blank	SM4500NO3-F	0.13	0.13	mg/L	U

Miscellaneous Analytes

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
WCJ-070703-CL1	Total Chlorides	Method Blank	E325.2	2.5	0.50	mg/L	U

Miscellaneous Analytes

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
WCJ-070803-TDS	Total Dissolved Solids	Method Blank	E160.1	10	10	mg/L	U

Miscellaneous Analytes

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
wct070803nh33	Ammonia (as N)	Method Blank	E350.1	0.019	0.020	mg/L	U

Miscellaneous Analytes

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
wct070803nh34	Ammonia (as N)	Method Blank	E350.1	0.019	0.019	mg/L	U

Quality Assurance Qualifiers:

I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U The compound was analyzed for but not detected.

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033718

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 09:45

Quality Assurance Report

Laboratory Control Spikes

Project #: J033718

QC Batch ID: M070203-3010 #3 **Matrix:** Water **Method:** SW6010B

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Arsenic	0.4	0.42	106	80 - 120	
Barium	0.4	0.42	105	80 - 120	
Beryllium	0.4	0.42	104	80 - 120	
Cadmium	0.4	0.41	103	80 - 120	
Chromium	0.4	0.40	100	80 - 120	
Cobalt	0.4	0.40	101	80 - 120	
Copper	0.4	0.43	109	80 - 120	
Iron	8.4	8.7	103	80 - 120	
Lead	0.4	0.40	99	80 - 120	
Nickel	0.4	0.41	103	80 - 120	
Selenium	0.4	0.43	108	80 - 120	
Silver	0.4	0.41	102	80 - 120	
Sodium	100	100	102	80 - 120	
Vanadium	0.4	0.42	105	80 - 120	
Zinc	0.4	0.41	103	80 - 120	

QC Batch ID: M070203-3020SB3 **Matrix:** Water **Method:** SW7041A

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Antimony	0.02	0.021	104	80 - 120	

QC Batch ID: M070203-3020TL3 **Matrix:** Water **Method:** SW7841

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Thallium	0.02	0.019	95	80 - 120	

QC Batch ID: M070803-HG #1 **Matrix:** Water **Method:** SW7470A

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Mercury	0.002	0.0022	108	85 - 115	

QC Batch ID: sv071203f-edb **Matrix:** Water **Method:** E504.1

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
1,2-Dibromo-3-chloropropane	0.25	0.31	126	65 - 135	
Ethylene Dibromide	0.25	0.29	117	65 - 135	

Surrogate(s)	Result	Units	% Recovery	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	0.98	ug/L	98		30 - 120

LCS Comment:

QC Batch ID: v070303a **Matrix:** Water **Method:** SW8260B

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
1,1-Dichloroethene	20	22	110	39 - 144	
Benzene	20	19	95	46 - 135	
Ethylbenzene	20	20	100	33 - 140	
Tetrachloroethene	20	19	95	24 - 164	
Toluene	20	20	100	44 - 135	
Trichloroethene	20	19	95	55 - 119	

Surrogate(s)	Result	Units	% Recovery	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4	53	ug/L	106		80 - 120
4-Bromofluorobenzene	54	ug/L	108		86 - 115
Toluene d(8)	50	ug/L	100		88 - 110

LCS Comment:

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033718

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 09:45

QC Batch ID: WCJ-070203-NIT2 **Matrix:** Water **Method:** SM4500NO3-F

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Nitrate (as N)	1	0.99	99	90 - 110	

QC Batch ID: WCJ-070703-CL1 **Matrix:** Water **Method:** E325.2

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Total Chlorides	60	59	98	75 - 125	

QC Batch ID: WCJ-070803-TDS2 **Matrix:** Water **Method:** E160.1

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Total Dissolved Solids	300	280	92	75 - 125	

QC Batch ID: wct070803nh33 **Matrix:** Water **Method:** E350.1

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Ammonia (as N)	1	0.93	93	90 - 110	

QC Batch ID: wct070803nh34 **Matrix:** Water **Method:** E350.1

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Ammonia (as N)	1	0.93	93	90 - 110	

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033718

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 09:45

Quality Assurance Report

Matrix Spike Recoveries

Project #: J033718

QC Batch ID M070203-3010 #3 Method: SW6010B Matrix: Water **Ref. Sample:** J033716-01 **Client Sample ID:** MWB-34S

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Iron	8.4	mg/L	0.58	9.4	9.4	105	105	75 - 125	0.011	
Sodium	100	mg/L	16	130	130	111	111	75 - 125	0.54	

QC Batch ID M070203-3020SB3 Method: SW7041A Matrix: Water **Ref. Sample:** J033714-01 **Client Sample ID:** SW-2

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Antimony	0.020	mg/L	0	0.024	0.027	122	133	80 - 120	8.5	J4

QC Batch ID M070203-3020TL3 Method: SW7841 Matrix: Water **Ref. Sample:** J033714-01 **Client Sample ID:** SW-2

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Thallium	0.020	mg/L	0	0.018	0.019	91	97	80 - 120	6.5	

QC Batch ID M070803-HG #1 Method: SW7470A Matrix: Water **Ref. Sample:** G031121-01 **Client Sample ID:** 0403028

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Mercury	0.0020	mg/L	0	0.0023	0.0024	113	118	70 - 130	4.6	

QC Batch ID sv071203f-edb Method: E504.1 Matrix: Water **Ref. Sample:** J033818-01 **Client Sample ID:** CW-1

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
1,2-Dibromo-3-chloropropane	1.0	ug/L	0	1.1	1.2	111	115	65 - 135	3.8	
Ethylene Dibromide	1.0	ug/L	0	1.1	1.2	114	116	65 - 135	1.0	

Surrogate	MS %R	MSD %R	MS/MSD Range	MS Qual	MSD Qual
Tetrachloro-m-xylene	33	23	30 - 120		

QC Batch ID v070303a Method: SW8260B Matrix: Water **Ref. Sample:** J033714-01 **Client Sample ID:** SW-2

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
1,1-Dichloroethene	20	ug/L	0	23	22	115	110	39 - 144	4.5	
Benzene	20	ug/L	0	20	20	100	100	46 - 135	0	
Ethylbenzene	20	ug/L	0	21	21	105	105	33 - 140	0	
Tetrachloroethene	20	ug/L	0	20	20	100	100	24 - 164	0	
Toluene	20	ug/L	0	21	21	105	105	44 - 135	0	
Trichloroethene	20	ug/L	0	21	20	105	100	55 - 119	4.9	

Surrogate	MS %R	MSD %R	MS/MSD Range	MS Qual	MSD Qual
1,2-Dichloroethane-d4	106	108	80 - 120		
4-Bromofluorobenzene	106	108	86 - 115		
Toluene d(8)	100	100	88 - 110		

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033718

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 09:45

QC Batch ID WCJ-070203-NIT2 Method: SM4500NO3-F Matrix: Water **Ref. Sample:** J033716-02 **Client Sample ID:** MWB-2S

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Nitrate (as N)	0.50	mg/L	0	0.48	0.48	95	95	90 - 110	0.21	

QC Batch ID WCJ-070703-CL1 Method: E325.2 Matrix: Water **Ref. Sample:** J033716-02 **Client Sample ID:** MWB-2S

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Total Chlorides	30	mg/L	6.6	38	39	106	110	75 - 125	3.6	

QC Batch ID wct070803nh33 Method: E350.1 Matrix: Water **Ref. Sample:** J033716-04 **Client Sample ID:** MWB-14S

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Ammonia (as N)	1.0	mg/L	0	0.91	0.92	91	92	90 - 110	0.22	

QC Batch ID wct070803nh34 Method: E350.1 Matrix: Water **Ref. Sample:** J033736-10 **Client Sample ID:** MWB-13S

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Ammonia (as N)	1.0	mg/L	0.59	1.7	1.6	108	105	90 - 110	2.9	

Quality Assurance Qualifiers:

J4 The sample matrix interfered with the ability to make an accurate determination.

Definitions:

Water matrix refers to all aqueous matrices, including but not limited to, drinking water, wastewater, ground water, surface water, aqueous wastes and leachates
Soil matrix refers to all non-aqueous matrices, including soils, solids, sludges, semi-solids, and non-aqueous waste samples
All results in mg/kg or % are reported in dry weight basis, unless notated otherwise. All results in mg/L are reported in wet weight basis.
MDL Method Detection Limit, without correction for dilution or moisture content
Adjusted Reporting Limit is the MDL accounting for all dilutions and moisture content cacluations.
PQL is defined to be 4 times the MDL, for all results qualified with an 'i' qualifie

The estimated measurements of uncertainty can be provided upon request

This is the last page of the analytical report.

Advanced
Environmental Laboratories, Inc.

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Jacksonville, Florida 32216
(904) 363-9350
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Client:	Trail Rdge Landfill,Inc.	**Report No.:**	J033736
Project Name:	Trail Ridge GW	**Date Sampled:**	7/2/2003
Project Number:		**Date Received:**	7/2/03 14:05
		Date Reported:	7/21/2003

Attention: Linda Hair
Phone Number: 9042899100

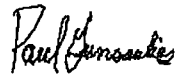
Address: 5110 U.S. Highway 301

Baldwin, Florida 32234

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: Trail Ridge GW

Approved By: 

Paul Gunsaulies, Project Manager

If you have any questions, the above named should be contacted.

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 = 62 + 9 COC

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc.
Project Name: Trail Ridge GW

Report No.: J033736
Date/Time Received: 7/2/03 14:05

Lab Code: J033736-01
Client Sample ID: MWB-33S
Site: Monitoring Well
Matrix: Water

Date/Time Sampled: 7/2/2003 07:16
SampleType:
Sampled By: DSA/BR
Shipping Method: Client drop off

Appendix I Volatile Organic Compunds

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,1,1,2-Tetrachloroethane	1		1.1	0.27	ug/L	U	SW8260B		J
1,1,1-Trichloroethane	1		1.6	0.39	ug/L	U	SW8260B		J
1,1,2,2-Tetrachloroethane	1		0.76	0.19	ug/L	U	SW8260B		J
1,1,2-Trichloroethane	1		1.4	0.34	ug/L	U	SW8260B		J
1,1-Dichloroethane	1		1.4	0.36	ug/L	U	SW8260B		J
1,1-Dichloroethene	1		2.0	0.50	ug/L	U	SW8260B		J
1,2,3-Trichloropropane	1		1.3	0.33	ug/L	U	SW8260B		J
1,2-Dibromo-3-chloropropane	1		2.2	0.55	ug/L	U	SW8260B		J
1,2-Dibromoethane	1		0.80	0.25	ug/L	U	SW8260B		J
1,2-Dichlorobenzene	1		1.1	0.28	ug/L	U	SW8260B		J
1,2-Dichloroethane	1		1.4	0.36	ug/L	U	SW8260B		J
1,2-Dichloropropane	1		1.2	0.30	ug/L	U	SW8260B		J
1,3-Dichloropropene (Total)	1		2.1	0.52	ug/L	U	SW8260B		J
1,4-Dichlorobenzene	1		1.2	0.30	ug/L	U	SW8260B		J
2-Hexanone (MBK)	1		1.1	0.27	ug/L	U	SW8260B		J
4-Methyl-2-pentanone (MIBK)	1		1.4	0.35	ug/L	U	SW8260B		J
Acetone	1		2.8	1.9	ug/L	i	SW8260B	AIC	J
Acrylonitrile	1		6.2	1.6	ug/L	U	SW8260B		J
Benzene	1		1.2	0.30	ug/L	U	SW8260B		J
Bromochloromethane	1		1.6	0.39	ug/L	U	SW8260B		J
Bromodichloromethane	1		1.2	0.29	ug/L	U	SW8260B		J
Bromoform	1		1.0	0.25	ug/L	U	SW8260B	AIC	J
Bromomethane	1		1.9	0.47	ug/L	U	SW8260B		J
Carbon Disulfide	1		1.6	0.41	ug/L	U	SW8260B		J
Carbon Tetrachloride	1		1.6	0.39	ug/L	U	SW8260B		J
Chlorobenzene	1		1.2	0.31	ug/L	U	SW8260B		J
Chloroethane	1		2.5	0.47	ug/L	U	SW8260B	AIC	J
Chloroform	1		1.6	0.41	ug/L	U	SW8260B		J
Chloromethane	1		1.7	0.43	ug/L	U	SW8260B		J
Cis-1,2-dichloroethene	1		1.3	0.39	ug/L	U	SW8260B		J
Cis-1,3-dichloropropene	1		1.1	0.27	ug/L	U	SW8260B		J
Dibromochloromethane	1		1.0	0.25	ug/L	U	SW8260B		J
Dibromomethane	1		1.4	0.34	ug/L	U	SW8260B		J
Ethylbenzene	1		1.1	0.27	ug/L	U	SW8260B		J
Iodomethane	1		1.6	0.40	ug/L	U	SW8260B	AIC	J
Methyl ethyl ketone	1		1.0	2.8	ug/L		SW8260B		J
Methylene Chloride	1		0.84	0.21	ug/L	U	SW8260B		J
Styrene	1		1.0	0.25	ug/L	U	SW8260B		J
Tetrachloroethene	1		1.7	0.43	ug/L	U	SW8260B		J
Toluene	1		1.2	0.29	ug/L	U	SW8260B		J
Trans-1,2-dichloroethene	1		2.0	0.50	ug/L	U	SW8260B		J
Trans-1,3-dichloropropene	1		1.0	0.25	ug/L	U	SW8260B		J
Trans-1,4-dichloro-2-butene	1		2.1	0.52	ug/L	U	SW8260B		J
Trichloroethene	1		1.7	0.43	ug/L	U	SW8260B		J
Trichlorofluoromethane	1		2.0	0.50	ug/L	U	SW8260B		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033736

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 14:05

Vinyl Acetate	1		1.2	**0.31**	ug/L	U	SW8260B	J
Vinyl Chloride	1		2.0	**0.49**	ug/L	U	SW8260B	J
Xylenes (Total)	1		3.4	**0.86**	ug/L	U	SW8260B	J

Ethylene Dibromide

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,2-Dibromo-3-chloropropane	1	0.0034	0.014	**0.0034**	ug/L	U	E504.1		J
Ethylene Dibromide	1	0.0069	0.028	**0.0069**	ug/L	U	E504.1		J

Field Parameters

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Color/Sheen	1		0	**Brn**			Field		
Conductivity	1		0.40	**120**	µmhos/cm		Field		
Dissolved Oxygen	1		4.0	**1.2**	mg/L O2		Field		
pH (Field)	1		0	**5.05**	pH Units		Field		
Temperature	1		0	**23**	°C		Field		
Turbidity	1		4.0	**14**	NTU		Field		

Miscellaneous Analytes

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Ammonia (as N)	1		0.077	**0.76**	mg/L		E350.1		T
Nitrate (as N)	1		0.53	**0.13**	mg/L	U	SM4500NO3-F		J
Total Chlorides	1		10	**9.6**	mg/L		E325.2		J
Total Dissolved Solids	1		40	**78**	mg/L		E160.1		J

Total Metals

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic	1		0.0064	**0.0016**	mg/L	U	SW6010B		J
Barium	1		0.0030	**0.032**	mg/L		SW6010B		J
Beryllium	1		0.00024	**0.000059**	mg/L	U	SW6010B		J
Cadmium	1		0.0014	**0.00036**	mg/L	U	SW6010B		J
Chromium	1		0.0040	**0.0013**	mg/L	i	SW6010B		J
Cobalt	1		0.0010	**0.00077**	mg/L	i	SW6010B		J
Copper	1		0.0044	**0.0016**	mg/L	i	SW6010B		J
Iron	1		0.076	**0.33**	mg/L		SW6010B		J
Lead	1		0.0036	**0.00091**	mg/L	U	SW6010B		J
Nickel	1		0.0034	**0.00085**	mg/L	U	SW6010B		J
Selenium	1		0.0088	**0.0022**	mg/L	U	SW6010B		J
Silver	1		0.00068	**0.00017**	mg/L	U	SW6010B		J
Sodium	1		0.20	**6.3**	mg/L		SW6010B		J
Vanadium	1		0.00064	**0.016**	mg/L		SW6010B		J
Zinc	1		0.010	**0.0025**	mg/L	U	SW6010B		J

Total Metals (Hg)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury	1		0.000072	**0.000018**	mg/L	U	SW7470A		J

Total Metals (Sb)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Antimony	1		0.014	**0.0034**	mg/L	U	SW7041A		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033736

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 14:05

Total Metals (Tl)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium	1		0.0039	**0.00098**	mg/L	U	SW7841		J

Surrogates:	Control Limits	% Recovery	Qual.	Method	Analysis Date	Prep Method	Prep Date	Analys
Tetrachloro-m-xylene	30 - 120	98		E504.1	7/4/2003	METHOD	7/3/2003 11:00:0	MP
1,2-Dichloroethane-d4	80 - 120	110		SW8260B	7/7/2003	SW5030B	7/7/2003 12:57:0	JA
4-Bromofluorobenzene	86 - 115	114		SW8260B	7/7/2003	SW5030B	7/7/2003 12:57:0	JA
Toluene d(8)	88 - 110	104		SW8260B	7/7/2003	SW5030B	7/7/2003 12:57:0	JA

AIC Alternate initial calibration criteria used (mean RSD <15%)

i The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U The compound was analyzed for but not detected.

J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)

T DOH certification #E84589, Compqap #980174 (AEL-Tampa)

* Comment for Selenium – Analyzed 07-07-03 16:37 due to reanalysis.

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033736

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 14:05

Lab Code: J033736-02 **Date/Time Sampled:** 7/2/2003 08:06

Client Sample ID: MWB-32D **SampleType:**

Site: Monitoring Well **Sampled By:** DSA/BR

Matrix: Water **Shipping Method:** Client drop off

Appendix I Volatile Organic Compunds

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,1,1,2-Tetrachloroethane	1		1.1	0.27	ug/L	U	SW8260B		J
1,1,1-Trichloroethane	1		1.6	0.39	ug/L	U	SW8260B		J
1,1,2,2-Tetrachloroethane	1		0.76	0.19	ug/L	U	SW8260B		J
1,1,2-Trichloroethane	1		1.4	0.34	ug/L	U	SW8260B		J
1,1-Dichloroethane	1		1.4	0.36	ug/L	U	SW8260B		J
1,1-Dichloroethene	1		2.0	0.50	ug/L	U	SW8260B		J
1,2,3-Trichloropropane	1		1.3	0.33	ug/L	U	SW8260B		J
1,2-Dibromo-3-chloropropane	1		2.2	0.55	ug/L	U	SW8260B		J
1,2-Dibromoethane	1		0.80	0.25	ug/L	U	SW8260B		J
1,2-Dichlorobenzene	1		1.1	0.28	ug/L	U	SW8260B		J
1,2-Dichloroethane	1		1.4	0.36	ug/L	U	SW8260B		J
1,2-Dichloropropane	1		1.2	0.30	ug/L	U	SW8260B		J
1,3-Dichloropropene (Total)	1		2.1	0.52	ug/L	U	SW8260B		J
1,4-Dichlorobenzene	1		1.2	0.30	ug/L	U	SW8260B		J
2-Hexanone (MBK)	1		1.1	0.27	ug/L	U	SW8260B		J
4-Methyl-2-pentanone (MIBK)	1		1.4	0.35	ug/L	U	SW8260B		J
Acetone	1		2.8	2.5	ug/L	i	SW8260B	AIC	J
Acrylonitrile	1		6.2	1.6	ug/L	U	SW8260B		J
Benzene	1		1.2	0.30	ug/L	U	SW8260B		J
Bromochloromethane	1		1.6	0.39	ug/L	U	SW8260B		J
Bromodichloromethane	1		1.2	0.29	ug/L	U	SW8260B		J
Bromoform	1		1.0	0.25	ug/L	U	SW8260B	AIC	J
Bromomethane	1		1.9	0.47	ug/L	U	SW8260B		J
Carbon Disulfide	1		1.6	0.41	ug/L	U	SW8260B		J
Carbon Tetrachloride	1		1.6	0.39	ug/L	U	SW8260B		J
Chlorobenzene	1		1.2	0.31	ug/L	U	SW8260B		J
Chloroethane	1		2.5	0.47	ug/L	U	SW8260B	AIC	J
Chloroform	1		1.6	0.41	ug/L	U	SW8260B		J
Chloromethane	1		1.7	0.46	ug/L	i	SW8260B		J
Cis-1,2-dichloroethene	1		1.3	0.39	ug/L	U	SW8260B		J
Cis-1,3-dichloropropene	1		1.1	0.27	ug/L	U	SW8260B		J
Dibromochloromethane	1		1.0	0.25	ug/L	U	SW8260B		J
Dibromomethane	1		1.4	0.34	ug/L	U	SW8260B		J
Ethylbenzene	1		1.1	0.27	ug/L	U	SW8260B		J
Iodomethane	1		1.6	0.40	ug/L	U	SW8260B	AIC	J
Methyl ethyl ketone	1		1.0	3.0	ug/L		SW8260B		J
Methylene Chloride	1		0.84	0.21	ug/L	U	SW8260B		J
Styrene	1		1.0	0.25	ug/L	U	SW8260B		J
Tetrachloroethene	1		1.7	0.43	ug/L	U	SW8260B		J
Toluene	1		1.2	0.29	ug/L	U	SW8260B		J
Trans-1,2-dichloroethene	1		2.0	0.50	ug/L	U	SW8260B		J
Trans-1,3-dichloropropene	1		1.0	0.25	ug/L	U	SW8260B		J
Trans-1,4-dichloro-2-butene	1		2.1	0.52	ug/L	U	SW8260B		J
Trichloroethene	1		1.7	0.43	ug/L	U	SW8260B		J
Trichlorofluoromethane	1		2.0	0.50	ug/L	U	SW8260B		J

Vinyl Acetate	1		1.2	**0.31**	ug/L	U	SW8260B	J
Vinyl Chloride	1		2.0	**0.49**	ug/L	U	SW8260B	J
Xylenes (Total)	1		3.4	**0.86**	ug/L	U	SW8260B	J

Dissolved Metals

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic, dissolved	1		0.0064	**0.0016**	mg/L	U	SW6010B		J
Barium, dissolved	1		0.0030	**0.051**	mg/L		SW6010B		J
Beryllium, dissolved	1		0.0021	**0.000059**	mg/L	U	SW6010B		J
Cadmium, dissolved	1		0.0014	**0.00036**	mg/L	U	SW6010B		J
Chromium, dissolved	1		0.0040	**0.0012**	mg/L	i	SW6010B		J
Cobalt, dissolved	1		0.0010	**0.00061**	mg/L	i	SW6010B		J
Copper, dissolved	1		0.0044	**0.0015**	mg/L	i	SW6010B		J
Iron, dissolved	1		0.076	**0.87**	mg/L		SW6010B		J
* Lead, dissolved	1		0.0036	**0.00091**	mg/L	U	SW6010B		J
* Nickel, dissolved	1		0.0034	**0.00085**	mg/L	U	SW6010B		J
* Selenium, dissolved	1		0.0088	**0.0027**	mg/L	i	SW6010B		J
Silver, dissolved	1		0.00068	**0.00027**	mg/L	i	SW6010B		J
Sodium, dissolved	1		0.20	**4.6**	mg/L		SW6010B		J
Vanadium, dissolved	1		0.00064	**0.00090**	mg/L		SW6010B		J
Zinc, dissolved	1		0.010	**0.0038**	mg/L	i	SW6010B		J

Dissolved Metals (Hg)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury, dissolved	1		0.000072	**0.000018**	mg/L	U	SW7470A		J

Dissolved Metals (Sb)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Antimony, Dissolved	1			**0.0034**	mg/L	U	SW7041A		J

Dissolved Metals (Tl)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium, dissolved	1		0.0039	**0.00098**	mg/L	U	SW7841		J

Ethylene Dibromide

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,2-Dibromo-3-chloropropane	1	0.0034	0.014	**0.0034**	ug/L	U	E504.1		J
Ethylene Dibromide	1	0.0069	0.028	**0.0069**	ug/L	U	E504.1		J

Field Parameters

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Color/Sheen	1		0	**WhtTan**			Field		
Conductivity	1		0.40	**170**	µmhos/cm		Field		
Dissolved Oxygen	1		4.0	**1.2**	mg/L O2		Field		
pH (Field)	1		0	**6.32**	pH Units		Field		
Temperature	1		0	**21**	°C		Field		
Turbidity	1		4.0	**89**	NTU		Field		

Miscellaneous Analytes

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Ammonia (as N)	1		0.077	**0.33**	mg/L		E350.1		T
Nitrate (as N)	1		0.53	**0.13**	mg/L	U	SM4500NO3-F		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033736

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 14:05

Total Chlorides	1	10	**3.9**	mg/L		E325.2	J
Total Dissolved Solids	1	40	**110**	mg/L		E160.1	J

Total Metals

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic	1		0.0064	**0.0016**	mg/L	U	SW6010B		J
Barium	1		0.0030	**0.081**	mg/L		SW6010B		J
Beryllium	1		0.00024	**0.00034**	mg/L		SW6010B		J
Cadmium	1		0.0014	**0.00037**	mg/L	i	SW6010B		J
Chromium	1		0.0040	**0.0046**	mg/L		SW6010B		J
Cobalt	1		0.0010	**0.00079**	mg/L	i	SW6010B		J
Copper	1		0.0044	**0.0033**	mg/L	i	SW6010B		J
Iron	1		0.076	**1.9**	mg/L		SW6010B		J
* **Lead**	1		0.0036	**0.0025**	mg/L	i	SW6010B		J
* **Nickel**	1		0.0034	**0.0029**	mg/L	i	SW6010B		J
* **Selenium**	1		0.0088	**0.0034**	mg/L	i	SW6010B		J
Silver	1		0.00068	**0.00029**	mg/L	i	SW6010B		J
Sodium	1		0.20	**4.9**	mg/L		SW6010B		J
Vanadium	1		0.00064	**0.0041**	mg/L		SW6010B		J
Zinc	1		0.010	**0.011**	mg/L		SW6010B		J

Total Metals (Hg)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury	1		0.000072	**0.000018**	mg/L	U	SW7470A		J

Total Metals (Sb)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Antimony	1		0.014	**0.0034**	mg/L	U	SW7041A		J

Total Metals (Tl)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium	1		0.0039	**0.00098**	mg/L	U	SW7841		J

Surrogates:	Control Limits	% Recovery	Qual.	Method	Analysis Date	Prep Method	Prep Date	Analyst
Tetrachloro-m-xylene	30 - 120	109		E504.1	7/4/2003	METHOD	7/3/2003 11:00:0	MP
1,2-Dichloroethane-d4	80 - 120	110		SW8260B	7/7/2003	SW5030B	7/7/2003 12:57:0	JA
4-Bromofluorobenzene	86 - 115	114		SW8260B	7/7/2003	SW5030B	7/7/2003 12:57:0	JA
Toluene d(8)	88 - 110	104		SW8260B	7/7/2003	SW5030B	7/7/2003 12:57:0	JA

AIC Alternate initial calibration criteria used (mean RSD <15%)

i The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U The compound was analyzed for but not detected.

J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)

T DOH certification #E84589, Compqap #980174 (AEL-Tampa)

* Comment for Lead – Analyzed 07-08-03 15:56 due to reanalysis.

* Comment for Lead, dissolved – Analyzed 07-08-03 15:56 due to reanalysis.

* Comment for Nickel – Analyzed 07-07-03 16:37 due to reanalysis.

* Comment for Nickel, dissolved – Analyzed 07-07-03 16:37 due to reanalysis.

* Comment for Selenium – Analyzed 07-07-03 16:37 due to reanalysis.

* Comment for Selenium, dissolved – Analyzed 07-07-03 16:37 due to reanalysis.

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc.
Project Name: Trail Ridge GW

Report No.: J033736
Date/Time Received: 7/2/03 14:05

Lab Code: J033736-03
Client Sample ID: DUP-3
Site: Duplicate
Matrix: Water

Date/Time Sampled: 7/2/2003
SampleType:
Sampled By: DSA/BR
Shipping Method: Client drop off

Appendix I Volatile Organic Compunds

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,1,1,2-Tetrachloroethane	1		1.1	0.27	ug/L	U	SW8260B		J
1,1,1-Trichloroethane	1		1.6	0.39	ug/L	U	SW8260B		J
1,1,2,2-Tetrachloroethane	1		0.76	0.19	ug/L	U	SW8260B		J
1,1,2-Trichloroethane	1		1.4	0.34	ug/L	U	SW8260B		J
1,1-Dichloroethane	1		1.4	0.36	ug/L	U	SW8260B		J
1,1-Dichloroethene	1		2.0	0.50	ug/L	U	SW8260B		J
1,2,3-Trichloropropane	1		1.3	0.33	ug/L	U	SW8260B		J
1,2-Dibromo-3-chloropropane	1		2.2	0.55	ug/L	U	SW8260B		J
1,2-Dibromoethane	1		0.80	0.25	ug/L	U	SW8260B		J
1,2-Dichlorobenzene	1		1.1	0.28	ug/L	U	SW8260B		J
1,2-Dichloroethane	1		1.4	0.36	ug/L	U	SW8260B		J
1,2-Dichloropropane	1		1.2	0.30	ug/L	U	SW8260B		J
1,3-Dichloropropene (Total)	1		2.1	0.52	ug/L	U	SW8260B		J
1,4-Dichlorobenzene	1		1.2	0.30	ug/L	U	SW8260B		J
2-Hexanone (MBK)	1		1.1	0.27	ug/L	U	SW8260B		J
4-Methyl-2-pentanone (MIBK)	1		1.4	0.35	ug/L	U	SW8260B		J
Acetone	1		2.8	2.4	ug/L	i	SW8260B	AIC	J
Acrylonitrile	1		6.2	1.6	ug/L	U	SW8260B		J
Benzene	1		1.2	0.30	ug/L	U	SW8260B		J
Bromochloromethane	1		1.6	0.39	ug/L	U	SW8260B		J
Bromodichloromethane	1		1.2	0.29	ug/L	U	SW8260B		J
Bromoform	1		1.0	0.25	ug/L	U	SW8260B	AIC	J
Bromomethane	1		1.9	0.47	ug/L	U	SW8260B		J
Carbon Disulfide	1		1.6	0.41	ug/L	U	SW8260B		J
Carbon Tetrachloride	1		1.6	0.39	ug/L	U	SW8260B		J
Chlorobenzene	1		1.2	0.31	ug/L	U	SW8260B		J
Chloroethane	1		2.5	0.47	ug/L	U	SW8260B	AIC	J
Chloroform	1		1.6	0.41	ug/L	U	SW8260B		J
Chloromethane	1		1.7	0.72	ug/L	i	SW8260B		J
Cis-1,2-dichloroethene	1		1.3	0.39	ug/L	U	SW8260B		J
Cis-1,3-dichloropropene	1		1.1	0.27	ug/L	U	SW8260B		J
Dibromochloromethane	1		1.0	0.25	ug/L	U	SW8260B		J
Dibromomethane	1		1.4	0.34	ug/L	U	SW8260B		J
Ethylbenzene	1		1.1	0.27	ug/L	U	SW8260B		J
Iodomethane	1		1.6	0.40	ug/L	U	SW8260B	AIC	J
Methyl ethyl ketone	1		1.0	0.25	ug/L	U	SW8260B		J
Methylene Chloride	1		0.84	0.21	ug/L	U	SW8260B		J
Styrene	1		1.0	0.25	ug/L	U	SW8260B		J
Tetrachloroethene	1		1.7	0.43	ug/L	U	SW8260B		J
Toluene	1		1.2	0.29	ug/L	U	SW8260B		J
Trans-1,2-dichloroethene	1		2.0	0.50	ug/L	U	SW8260B		J
Trans-1,3-dichloropropene	1		1.0	0.25	ug/L	U	SW8260B		J
Trans-1,4-dichloro-2-butene	1		2.1	0.52	ug/L	U	SW8260B		J
Trichloroethene	1		1.7	0.43	ug/L	U	SW8260B		J
Trichlorofluoromethane	1		2.0	0.50	ug/L	U	SW8260B		J

Client: Trail Rdge Landfill,Inc. **Report No.:** J033736

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 14:05

Vinyl Acetate	1		1.2	**0.31**	ug/L	U	SW8260B	J
Vinyl Chloride	1		2.0	**0.49**	ug/L	U	SW8260B	J
Xylenes (Total)	1		3.4	**0.86**	ug/L	U	SW8260B	J

Ethylene Dibromide

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,2-Dibromo-3-chloropropane	1	0.0034	0.014	**0.0034**	ug/L	U	E504.1		J
Ethylene Dibromide	1	0.0069	0.028	**0.0069**	ug/L	U	E504.1		J

Miscellaneous Analytes

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Ammonia (as N)	1		0.077	**0.24**	mg/L		E350.1		T
Nitrate (as N)	1		0.53	**0.13**	mg/L	U	SM4500NO3-F		J
Total Chlorides	1		10	**3.8**	mg/L		E325.2		J
Total Dissolved Solids	1		40	**110**	mg/L		E160.1		J

Total Metals

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic	1		0.0064	**0.0016**	mg/L	U	SW6010B		J
Barium	1		0.0030	**0.082**	mg/L		SW6010B		J
Beryllium	1		0.00024	**0.00036**	mg/L		SW6010B		J
Cadmium	1		0.0014	**0.00036**	mg/L	U	SW6010B		J
Chromium	1		0.0040	**0.0047**	mg/L		SW6010B		J
Cobalt	1		0.0010	**0.0010**	mg/L	i	SW6010B		J
Copper	1		0.0044	**0.0029**	mg/L	i	SW6010B		J
Iron	1		0.076	**1.9**	mg/L		SW6010B		J
* Lead	1		0.0036	**0.0015**	mg/L	i	SW6010B		J
* Nickel	1		0.0034	**0.00085**	mg/L	U	SW6010B		J
Selenium	1		0.0088	**0.0022**	mg/L	U	SW6010B		J
Silver	1		0.00068	**0.00017**	mg/L	U	SW6010B		J
Sodium	1		0.20	**4.9**	mg/L		SW6010B		J
Vanadium	1		0.00064	**0.0044**	mg/L		SW6010B		J
Zinc	1		0.010	**0.0043**	mg/L	i	SW6010B		J

Total Metals (Hg)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury	1		0.000072	**0.000018**	mg/L	U	SW7470A		J

Total Metals (Sb)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Antimony	1		0.014	**0.0034**	mg/L	U	SW7041A		J

Total Metals (Tl)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium	1		0.0039	**0.0012**	mg/L	i	SW7841		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033736

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 14:05

Surrogates:	Control Limits	% Recovery	Qual.	Method	Analysis Date	Prep Method	Prep Date	Analys
Tetrachloro-m-xylene	30 - 120	120		E504.1	7/4/2003	METHOD	7/3/2003 11:00:0	MP
1,2-Dichloroethane-d4	80 - 120	112		SW8260B	7/7/2003	SW5030B	7/7/2003 12:57:0	JA
4-Bromofluorobenzene	86 - 115	116	J4	SW8260B	7/7/2003	SW5030B	7/7/2003 12:57:0	JA
Toluene d(8)	88 - 110	102		SW8260B	7/7/2003	SW5030B	7/7/2003 12:57:0	JA

AIC Alternate initial calibration criteria used (mean RSD <15%)

i The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

J4 The sample matrix interfered with the ability to make an accurate determination.

U The compound was analyzed for but not detected.

J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)

T DOH certification #E84589, Compqap #980174 (AEL-Tampa)

* Comment for Lead – Analyzed 07-08-03 15:56 due to reanalysis.

* Comment for Nickel – Analyzed 07-07-03 16:37 due to reanalysis.

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033736

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 14:05

Lab Code: J033736-04 **Date/Time Sampled:** 7/2/2003 08:22

Client Sample ID: MWB-32S **SampleType:**

Site: Monitoring Well **Sampled By:** DSA/BR

Matrix: Water **Shipping Method:** Client drop off

Appendix I Volatile Organic Compunds

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,1,1,2-Tetrachloroethane	1		1.1	**0.27**	ug/L	U	SW8260B		J
1,1,1-Trichloroethane	1		1.6	**0.39**	ug/L	U	SW8260B		J
1,1,2,2-Tetrachloroethane	1		0.76	**0.19**	ug/L	U	SW8260B		J
1,1,2-Trichloroethane	1		1.4	**0.34**	ug/L	U	SW8260B		J
1,1-Dichloroethane	1		1.4	**0.36**	ug/L	U	SW8260B		J
1,1-Dichloroethene	1		2.0	**0.50**	ug/L	U	SW8260B		J
1,2,3-Trichloropropane	1		1.3	**0.33**	ug/L	U	SW8260B		J
1,2-Dibromo-3-chloropropane	1		2.2	**0.55**	ug/L	U	SW8260B		J
1,2-Dibromoethane	1		0.80	**0.25**	ug/L	U	SW8260B		J
1,2-Dichlorobenzene	1		1.1	**0.28**	ug/L	U	SW8260B		J
1,2-Dichloroethane	1		1.4	**0.36**	ug/L	U	SW8260B		J
1,2-Dichloropropane	1		1.2	**0.30**	ug/L	U	SW8260B		J
1,3-Dichloropropene (Total)	1		2.1	**0.52**	ug/L	U	SW8260B		J
1,4-Dichlorobenzene	1		1.2	**0.30**	ug/L	U	SW8260B		J
2-Hexanone (MBK)	1		1.1	**0.27**	ug/L	U	SW8260B		J
4-Methyl-2-pentanone (MIBK)	1		1.4	**0.35**	ug/L	U	SW8260B		J
Acetone	1		2.8	**2.1**	ug/L	i	SW8260B	AIC	J
Acrylonitrile	1		6.2	**1.6**	ug/L	U	SW8260B		J
Benzene	1		1.2	**0.30**	ug/L	U	SW8260B		J
Bromochloromethane	1		1.6	**0.39**	ug/L	U	SW8260B		J
Bromodichloromethane	1		1.2	**0.29**	ug/L	U	SW8260B		J
Bromoform	1		1.0	**0.25**	ug/L	U	SW8260B	AIC	J
Bromomethane	1		1.9	**0.47**	ug/L	U	SW8260B		J
Carbon Disulfide	1		1.6	**0.41**	ug/L	U	SW8260B		J
Carbon Tetrachloride	1		1.6	**0.39**	ug/L	U	SW8260B		J
Chlorobenzene	1		1.2	**0.31**	ug/L	U	SW8260B		J
Chloroethane	1		2.5	**0.47**	ug/L	U	SW8260B	AIC	J
Chloroform	1		1.6	**0.41**	ug/L	U	SW8260B		J
Chloromethane	1		1.7	**0.43**	ug/L	U	SW8260B		J
Cis-1,2-dichloroethene	1		1.3	**0.39**	ug/L	U	SW8260B		J
Cis-1,3-dichloropropene	1		1.1	**0.27**	ug/L	U	SW8260B		J
Dibromochloromethane	1		1.0	**0.25**	ug/L	U	SW8260B		J
Dibromomethane	1		1.4	**0.34**	ug/L	U	SW8260B		J
Ethylbenzene	1		1.1	**0.27**	ug/L	U	SW8260B		J
Iodomethane	1		1.6	**0.40**	ug/L	U	SW8260B	AIC	J
Methyl ethyl ketone	1		1.0	**0.25**	ug/L	U	SW8260B		J
Methylene Chloride	1		0.84	**0.21**	ug/L	U	SW8260B		J
Styrene	1		1.0	**0.25**	ug/L	U	SW8260B		J
Tetrachloroethene	1		1.7	**0.43**	ug/L	U	SW8260B		J
Toluene	1		1.2	**0.29**	ug/L	U	SW8260B		J
Trans-1,2-dichloroethene	1		2.0	**0.50**	ug/L	U	SW8260B		J
Trans-1,3-dichloropropene	1		1.0	**0.25**	ug/L	U	SW8260B		J
Trans-1,4-dichloro-2-butene	1		2.1	**0.52**	ug/L	U	SW8260B		J
Trichloroethene	1		1.7	**0.43**	ug/L	U	SW8260B		J
Trichlorofluoromethane	1		2.0	**0.50**	ug/L	U	SW8260B		J

Vinyl Acetate	1		1.2	**0.31**	ug/L	U	SW8260B	J
Vinyl Chloride	1		2.0	**0.49**	ug/L	U	SW8260B	J
Xylenes (Total)	1		3.4	**0.86**	ug/L	U	SW8260B	J

Dissolved Metals

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic, dissolved	1		0.0064	**0.0016**	mg/L	U	SW6010B		J
Barium, dissolved	1		0.0030	**0.024**	mg/L		SW6010B		J
Beryllium, dissolved	1		0.0021	**0.000076**	mg/L	i	SW6010B		J
Cadmium, dissolved	1		0.0014	**0.00036**	mg/L	U	SW6010B		J
Chromium, dissolved	1		0.0040	**0.0048**	mg/L		SW6010B		J
Cobalt, dissolved	1		0.0010	**0.0010**	mg/L	i	SW6010B		J
Copper, dissolved	1		0.0044	**0.0027**	mg/L	i	SW6010B		J
Iron, dissolved	1		0.076	**0.24**	mg/L		SW6010B		J
* Lead, dissolved	1		0.0036	**0.00091**	mg/L	U	SW6010B		J
* Nickel, dissolved	1		0.0034	**0.0013**	mg/L	i	SW6010B		J
* Selenium, dissolved	1		0.0088	**0.0022**	mg/L	U	SW6010B		J
Silver, dissolved	1		0.00068	**0.00017**	mg/L	i	SW6010B		J
Sodium, dissolved	1		0.20	**20**	mg/L		SW6010B		J
Vanadium, dissolved	1		0.00064	**0.0063**	mg/L		SW6010B		J
Zinc, dissolved	1		0.010	**0.0025**	mg/L	U	SW6010B		J

Dissolved Metals (Hg)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury, dissolved	1		0.000072	**0.000018**	mg/L	U	SW7470A		J

Dissolved Metals (Sb)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Antimony, Dissolved	1			**0.0034**	mg/L	U	SW7041A		J

Dissolved Metals (Tl)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium, dissolved	1		0.0039	**0.00098**	mg/L	U	SW7841		J

Ethylene Dibromide

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,2-Dibromo-3-chloropropane	1	0.0034	0.014	**0.0034**	ug/L	U	E504.1		J
Ethylene Dibromide	1	0.0069	0.028	**0.0069**	ug/L	U	E504.1		J

Field Parameters

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Color/Sheen	1		0	**Brn**			Field		
Conductivity	1		0.40	**280**	µmhos/cm		Field		
Dissolved Oxygen	1		4.0	**1.2**	mg/L O2		Field		
pH (Field)	1		0	**5.97**	pH Units		Field		
Temperature	1		0	**22**	°C		Field		
Turbidity	1		4.0	**200**	NTU		Field		

Miscellaneous Analytes

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Ammonia (as N)	1		0.077	**0.44**	mg/L		E350.1		T
Nitrate (as N)	1		0.53	**0.13**	mg/L	U	SM4500NO3-F		J

Client: Trail Rdge Landfill,Inc. **Report No.:** J033736

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 14:05

Total Chlorides	1	10	**29**	mg/L		E325.2	J
Total Dissolved Solids	1	40	**200**	mg/L		E160.1	J

Total Metals

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic	1		0.0064	**0.0016**	mg/L	U	SW6010B		J
Barium	1		0.0030	**0.024**	mg/L		SW6010B		J
Beryllium	1		0.00024	**0.00011**	mg/L	i	SW6010B		J
Cadmium	1		0.0014	**0.00036**	mg/L	i	SW6010B		J
Chromium	1		0.0040	**0.0061**	mg/L		SW6010B		J
Cobalt	1		0.0010	**0.00090**	mg/L	i	SW6010B		J
Copper	1		0.0044	**0.0036**	mg/L	i	SW6010B		J
Iron	1		0.076	**0.35**	mg/L		SW6010B		J
* **Lead**	1		0.0036	**0.00091**	mg/L	U	SW6010B		J
* **Nickel**	1		0.0034	**0.00099**	mg/L	i	SW6010B		J
* **Selenium**	1		0.0088	**0.0078**	mg/L	i	SW6010B		J
Silver	1		0.00068	**0.00017**	mg/L	U	SW6010B		J
Sodium	1		0.20	**16**	mg/L		SW6010B		J
Vanadium	1		0.00064	**0.0072**	mg/L		SW6010B		J
Zinc	1		0.010	**0.0025**	mg/L	U	SW6010B		J

Total Metals (Hg)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury	1		0.000072	**0.000029**	mg/L	i	SW7470A		J

Total Metals (Sb)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Antimony	1		0.014	**0.0034**	mg/L	U	SW7041A		J

Total Metals (Tl)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium	1		0.0039	**0.00098**	mg/L	U	SW7841		J

Surrogates:	Control Limits	% Recovery	Qual.	Method	Analysis Date	Prep Method	Prep Date	Analys
Tetrachloro-m-xylene	30 - 120	117		E504.1	7/4/2003	METHOD	7/3/2003 11:00:0	MP
1,2-Dichloroethane-d4	80 - 120	112		SW8260B	7/7/2003	SW5030B	7/7/2003 12:57:0	JA
4-Bromofluorobenzene	86 - 115	114		SW8260B	7/7/2003	SW5030B	7/7/2003 12:57:0	JA
Toluene d(8)	88 - 110	104		SW8260B	7/7/2003	SW5030B	7/7/2003 12:57:0	JA

AIC Alternate initial calibration criteria used (mean RSD <15%)

i The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U The compound was analyzed for but not detected.

J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)

T DOH certification #E84589, Compqap #980174 (AEL-Tampa)

* Comment for Lead – Analyzed 07-08-03 15:56 due to reanalysis.

* Comment for Lead, dissolved – Analyzed 07-08-03 15:56 due to reanalysis.

* Comment for Nickel – Analyzed 07-07-03 16:37 due to reanalysis.

* Comment for Nickel, dissolved – Analyzed 07-07-03 16:37 due to reanalysis.

* Comment for Selenium – Analyzed 07-07-03 16:37 due to reanalysis.

* Comment for Selenium, dissolved – Analyzed 07-07-03 16:37 due to reanalysis.

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc.
Project Name: Trail Ridge GW

Report No.: J033736
Date/Time Received: 7/2/03 14:05

Lab Code: J033736-05
Client Sample ID: MWB-11I(R)
Site: Monitoring Well
Matrix: Water

Date/Time Sampled: 7/2/2003 09:32
SampleType:
Sampled By: DSA/BR
Shipping Method: Client drop off

Appendix I Volatile Organic Compunds

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,1,1,2-Tetrachloroethane	1		1.1	**0.27**	ug/L	U	SW8260B		J
1,1,1-Trichloroethane	1		1.6	**0.39**	ug/L	U	SW8260B		J
1,1,2,2-Tetrachloroethane	1		0.76	**0.19**	ug/L	U	SW8260B		J
1,1,2-Trichloroethane	1		1.4	**0.34**	ug/L	U	SW8260B		J
1,1-Dichloroethane	1		1.4	**0.36**	ug/L	U	SW8260B		J
1,1-Dichloroethene	1		2.0	**0.50**	ug/L	U	SW8260B		J
1,2,3-Trichloropropane	1		1.3	**0.33**	ug/L	U	SW8260B		J
1,2-Dibromo-3-chloropropane	1		2.2	**0.55**	ug/L	U	SW8260B		J
1,2-Dibromoethane	1		0.80	**0.25**	ug/L	U	SW8260B		J
1,2-Dichlorobenzene	1		1.1	**0.28**	ug/L	U	SW8260B		J
1,2-Dichloroethane	1		1.4	**0.36**	ug/L	U	SW8260B		J
1,2-Dichloropropane	1		1.2	**0.30**	ug/L	U	SW8260B		J
1,3-Dichloropropene (Total)	1		2.1	**0.52**	ug/L	U	SW8260B		J
1,4-Dichlorobenzene	1		1.2	**0.30**	ug/L	U	SW8260B		J
2-Hexanone (MBK)	1		1.1	**0.27**	ug/L	U	SW8260B		
4-Methyl-2-pentanone (MIBK)	1		1.4	**0.35**	ug/L	U	SW8260B		
Acetone	1		2.8	**2.5**	ug/L	i	SW8260B	AIC	J
Acrylonitrile	1		6.2	**1.6**	ug/L	U	SW8260B		J
Benzene	1		1.2	**0.30**	ug/L	U	SW8260B		J
Bromochloromethane	1		1.6	**0.39**	ug/L	U	SW8260B		J
Bromodichloromethane	1		1.2	**0.29**	ug/L	U	SW8260B		J
Bromoform	1		1.0	**0.25**	ug/L	U	SW8260B	AIC	J
Bromomethane	1		1.9	**0.47**	ug/L	U	SW8260B		J
Carbon Disulfide	1		1.6	**0.41**	ug/L	U	SW8260B		J
Carbon Tetrachloride	1		1.6	**0.39**	ug/L	U	SW8260B		J
Chlorobenzene	1		1.2	**0.31**	ug/L	U	SW8260B		J
Chloroethane	1		2.5	**0.47**	ug/L	U	SW8260B	AIC	J
Chloroform	1		1.6	**0.41**	ug/L	U	SW8260B		J
Chloromethane	1		1.7	**0.43**	ug/L	U	SW8260B		J
Cis-1,2-dichloroethene	1		1.3	**0.39**	ug/L	U	SW8260B		J
Cis-1,3-dichloropropene	1		1.1	**0.27**	ug/L	U	SW8260B		J
Dibromochloromethane	1		1.0	**0.25**	ug/L	U	SW8260B		J
Dibromomethane	1		1.4	**0.34**	ug/L	U	SW8260B		J
Ethylbenzene	1		1.1	**0.27**	ug/L	U	SW8260B		J
Iodomethane	1		1.6	**0.40**	ug/L	U	SW8260B	AIC	J
Methyl ethyl ketone	1		1.0	**0.25**	ug/L	U	SW8260B		J
Methylene Chloride	1		0.84	**0.21**	ug/L	U	SW8260B		J
Styrene	1		1.0	**0.25**	ug/L	U	SW8260B		J
Tetrachloroethene	1		1.7	**0.43**	ug/L	U	SW8260B		J
Toluene	1		1.2	**0.29**	ug/L	U	SW8260B		J
Trans-1,2-dichloroethene	1		2.0	**0.50**	ug/L	U	SW8260B		
Trans-1,3-dichloropropene	1		1.0	**0.25**	ug/L	U	SW8260B		
Trans-1,4-dichloro-2-butene	1		2.1	**0.52**	ug/L	U	SW8260B		J
Trichloroethene	1		1.7	**0.43**	ug/L	U	SW8260B		J
Trichlorofluoromethane	1		2.0	**0.50**	ug/L	U	SW8260B		J

Vinyl Acetate	1	1.2	**0.31**	ug/L	U	SW8260B	J
Vinyl Chloride	1	2.0	**0.49**	ug/L	U	SW8260B	J
Xylenes (Total)	1	3.4	**0.86**	ug/L	U	SW8260B	J

Dissolved Metals

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic, dissolved	1		0.0064	**0.0016**	mg/L	U	SW6010B		J
Barium, dissolved	1		0.0030	**0.022**	mg/L		SW6010B		J
Beryllium, dissolved	1		0.0021	**0.000059**	mg/L	U	SW6010B		J
Cadmium, dissolved	1		0.0014	**0.00036**	mg/L	U	SW6010B		J
Chromium, dissolved	1		0.0040	**0.0010**	mg/L	U	SW6010B		J
Cobalt, dissolved	1		0.0010	**0.00054**	mg/L	i	SW6010B		J
Copper, dissolved	1		0.0044	**0.0011**	mg/L	U	SW6010B		J
Iron, dissolved	1		0.076	**0.43**	mg/L		SW6010B		J
* Lead, dissolved	1		0.0036	**0.00091**	mg/L	U	SW6010B		J
* Nickel, dissolved	1		0.0034	**0.00085**	mg/L	U	SW6010B		J
Selenium, dissolved	1		0.0088	**0.0022**	mg/L	U	SW6010B		J
Silver, dissolved	1		0.00068	**0.00017**	mg/L	U	SW6010B		J
Sodium, dissolved	1		0.20	**3.0**	mg/L		SW6010B		J
Vanadium, dissolved	1		0.00064	**0.00094**	mg/L		SW6010B		J
Zinc, dissolved	1		0.010	**0.0025**	mg/L	U	SW6010B		J

Dissolved Metals (Hg)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury, dissolved	1		0.000072	**0.000018**	mg/L	U	SW7470A		J

Dissolved Metals (Sb)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Antimony, Dissolved	1			**0.0034**	mg/L	U	SW7041A		J

Dissolved Metals (Tl)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium, dissolved	1		0.0039	**0.00098**	mg/L	U	SW7841		J

Ethylene Dibromide

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,2-Dibromo-3-chloropropane	1	0.0034	0.014	**0.0034**	ug/L	U	E504.1		J
Ethylene Dibromide	1	0.0069	0.028	**0.0069**	ug/L	U	E504.1		J

Field Parameters

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Color/Sheen	1		0	**Brn**			Field		
Conductivity	1		0.40	**38**	µmhos/cm		Field		
Dissolved Oxygen	1		4.0	**1.3**	mg/L O2		Field		
pH (Field)	1		0	**5.10**	pH Units		Field		
Temperature	1		0	**23**	°C		Field		
Turbidity	1		4.0	**79**	NTU		Field		

Miscellaneous Analytes

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Ammonia (as N)	1		0.077	**0.28**	mg/L		E350.1		T
Nitrate (as N)	1		0.53	**0.13**	mg/L	U	SM4500NO3-F		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033736

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 14:05

Total Chlorides	1	10	**3.9**	mg/L		E325.2	J
Total Dissolved Solids	1	40	**34**	mg/L		E160.1	J

Total Metals

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic	1		0.0064	**0.0016**	mg/L	U	SW6010B		J
Barium	1		0.0030	**0.043**	mg/L		SW6010B		J
Beryllium	1		0.00024	**0.00015**	mg/L	i	SW6010B		J
Cadmium	1		0.0014	**0.00036**	mg/L	U	SW6010B		J
Chromium	1		0.0040	**0.0064**	mg/L		SW6010B		J
Cobalt	1		0.0010	**0.00056**	mg/L	i	SW6010B		J
Copper	1		0.0044	**0.0011**	mg/L	U	SW6010B		J
Iron	1		0.076	**0.78**	mg/L		SW6010B		J
* **Lead**	1		0.0036	**0.0027**	mg/L	i	SW6010B		J
* **Nickel**	1		0.0034	**0.0030**	mg/L	i	SW6010B		J
Selenium	1		0.0088	**0.0022**	mg/L	U	SW6010B		J
Silver	1		0.00068	**0.00017**	mg/L	U	SW6010B		J
Sodium	1		0.20	**3.1**	mg/L		SW6010B		J
Vanadium	1		0.00064	**0.010**	mg/L		SW6010B		J
Zinc	1		0.010	**0.0025**	mg/L	U	SW6010B		J

Total Metals (Hg)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury	1		0.000072	**0.000018**	mg/L	U	SW7470A		J

Total Metals (Sb)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Antimony	1		0.014	**0.0034**	mg/L	U	SW7041A		J

Total Metals (Tl)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium	1		0.0039	**0.0011**	mg/L	i	SW7841		J

Surrogates:	Control Limits	% Recovery	Qual.	Method	Analysis Date	Prep Method	Prep Date	Analyst
Tetrachloro-m-xylene	30 - 120	111		E504.1	7/4/2003	METHOD	7/3/2003 11:00:0	MP
1,2-Dichloroethane-d4	80 - 120	114		SW8260B	7/7/2003	SW5030B	7/7/2003 12:57:0	JA
4-Bromofluorobenzene	86 - 115	116	J4	SW8260B	7/7/2003	SW5030B	7/7/2003 12:57:0	JA
Toluene d(8)	88 - 110	104		SW8260B	7/7/2003	SW5030B	7/7/2003 12:57:0	JA

AIC Alternate initial calibration criteria used (mean RSD <15%)

i The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

J4 The sample matrix interfered with the ability to make an accurate determination.

U The compound was analyzed for but not detected.

J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)

T DOH certification #E84589, Compqap #980174 (AEL-Tampa)

* Comment for Lead – Analyzed 07-08-03 15:56 due to reanalysis.

* Comment for Lead, dissolved – Analyzed 07-08-03 15:56 due to reanalysis.

* Comment for Nickel – Analyzed 07-07-03 16:37 due to reanalysis.

* Comment for Nickel, dissolved – Analyzed 07-0703 16:37 due to reanalysis.

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033736

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 14:05

Lab Code: J033736-06 **Date/Time Sampled:** 7/2/2003 08:55

Client Sample ID: MWB-11I **SampleType:**

Site: Monitoring Well **Sampled By:** DSA/BR

Matrix: Water **Shipping Method:** Client drop off

Appendix I Volatile Organic Compunds

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,1,1,2-Tetrachloroethane	1		1.1	0.27	ug/L	U	SW8260B		J
1,1,1-Trichloroethane	1		1.6	0.39	ug/L	U	SW8260B		J
1,1,2,2-Tetrachloroethane	1		0.76	0.19	ug/L	U	SW8260B		J
1,1,2-Trichloroethane	1		1.4	0.34	ug/L	U	SW8260B		J
1,1-Dichloroethane	1		1.4	0.36	ug/L	U	SW8260B		J
1,1-Dichloroethene	1		2.0	0.50	ug/L	U	SW8260B		J
1,2,3-Trichloropropane	1		1.3	0.33	ug/L	U	SW8260B		J
1,2-Dibromo-3-chloropropane	1		2.2	0.55	ug/L	U	SW8260B		J
1,2-Dibromoethane	1		0.80	0.25	ug/L	U	SW8260B		J
1,2-Dichlorobenzene	1		1.1	0.28	ug/L	U	SW8260B		J
1,2-Dichloroethane	1		1.4	0.36	ug/L	U	SW8260B		J
1,2-Dichloropropane	1		1.2	0.30	ug/L	U	SW8260B		J
1,3-Dichloropropene (Total)	1		2.1	0.52	ug/L	U	SW8260B		J
1,4-Dichlorobenzene	1		1.2	0.30	ug/L	U	SW8260B		J
2-Hexanone (MBK)	1		1.1	0.27	ug/L	U	SW8260B		J
4-Methyl-2-pentanone (MIBK)	1		1.4	0.35	ug/L	U	SW8260B		J
Acetone	1		2.8	0.71	ug/L	U	SW8260B	AIC	J
Acrylonitrile	1		6.2	1.6	ug/L	U	SW8260B		J
Benzene	1		1.2	0.30	ug/L	U	SW8260B		J
Bromochloromethane	1		1.6	0.39	ug/L	U	SW8260B		J
Bromodichloromethane	1		1.2	0.29	ug/L	U	SW8260B		J
Bromoform	1		1.0	0.25	ug/L	U	SW8260B	AIC	J
Bromomethane	1		1.9	0.47	ug/L	U	SW8260B		J
Carbon Disulfide	1		1.6	0.41	ug/L	U	SW8260B		J
Carbon Tetrachloride	1		1.6	0.39	ug/L	U	SW8260B		J
Chlorobenzene	1		1.2	0.31	ug/L	U	SW8260B		J
Chloroethane	1		2.5	0.47	ug/L	U	SW8260B	AIC	J
Chloroform	1		1.6	0.41	ug/L	U	SW8260B		J
Chloromethane	1		1.7	0.43	ug/L	U	SW8260B		J
Cis-1,2-dichloroethene	1		1.3	0.39	ug/L	U	SW8260B		J
Cis-1,3-dichloropropene	1		1.1	0.27	ug/L	U	SW8260B		J
Dibromochloromethane	1		1.0	0.25	ug/L	U	SW8260B		J
Dibromomethane	1		1.4	0.34	ug/L	U	SW8260B		J
Ethylbenzene	1		1.1	0.27	ug/L	U	SW8260B		J
Iodomethane	1		1.6	0.40	ug/L	U	SW8260B	AIC	J
Methyl ethyl ketone	1		1.0	0.25	ug/L	U	SW8260B		J
Methylene Chloride	1		0.84	0.21	ug/L	U	SW8260B		J
Styrene	1		1.0	0.25	ug/L	U	SW8260B		J
Tetrachloroethene	1		1.7	0.43	ug/L	U	SW8260B		J
Toluene	1		1.2	0.29	ug/L	U	SW8260B		J
Trans-1,2-dichloroethene	1		2.0	0.50	ug/L	U	SW8260B		J
Trans-1,3-dichloropropene	1		1.0	0.25	ug/L	U	SW8260B		J
Trans-1,4-dichloro-2-butene	1		2.1	0.52	ug/L	U	SW8260B		J
Trichloroethene	1		1.7	0.43	ug/L	U	SW8260B		J
Trichlorofluoromethane	1		2.0	0.50	ug/L	U	SW8260B		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033736

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 14:05

Vinyl Acetate	1		1.2	**0.31**	ug/L	U	SW8260B	J
Vinyl Chloride	1		2.0	**0.49**	ug/L	U	SW8260B	J
Xylenes (Total)	1		3.4	**0.86**	ug/L	U	SW8260B	J

Dissolved Metals

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic, dissolved	1		0.0064	**0.0016**	mg/L	U	SW6010B		J
Barium, dissolved	1		0.0030	**0.047**	mg/L		SW6010B		J
Beryllium, dissolved	1		0.0021	**0.000067**	mg/L	i	SW6010B		J
Cadmium, dissolved	1		0.0014	**0.00036**	mg/L	U	SW6010B		J
Chromium, dissolved	1		0.0040	**0.0028**	mg/L	i	SW6010B		J
Cobalt, dissolved	1		0.0010	**0.00025**	mg/L	U	SW6010B		J
Copper, dissolved	1		0.0044	**0.0011**	mg/L	U	SW6010B		J
Iron, dissolved	1		0.076	**0.50**	mg/L		SW6010B		J
* Lead, dissolved	1		0.0036	**0.0013**	mg/L	i	SW6010B		J
* Nickel, dissolved	1		0.0034	**0.0011**	mg/L	i	SW6010B		J
* Selenium, dissolved	1		0.0088	**0.0022**	mg/L	U	SW6010B		J
Silver, dissolved	1		0.00068	**0.00017**	mg/L	U	SW6010B		J
Sodium, dissolved	1		0.20	**3.3**	mg/L		SW6010B		J
Vanadium, dissolved	1		0.00064	**0.0031**	mg/L		SW6010B		J
Zinc, dissolved	1		0.010	**0.0025**	mg/L	U	SW6010B		J

Dissolved Metals (Hg)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury, dissolved	1		0.000072	**0.000018**	mg/L	U	SW7470A		J

Dissolved Metals (Sb)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Antimony, Dissolved	1			**0.0034**	mg/L	U	SW7041A		J

Dissolved Metals (Tl)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium, dissolved	1		0.0039	**0.00098**	mg/L	U	SW7841		J

Ethylene Dibromide

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,2-Dibromo-3-chloropropane	1	0.0034	0.014	**0.0034**	ug/L	U	E504.1		J
Ethylene Dibromide	1	0.0069	0.028	**0.0069**	ug/L	U	E504.1		J

Field Parameters

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Color/Sheen	1		0	**Wht**			Field		
Conductivity	1		0.40	**40**	µmhos/cm		Field		
Dissolved Oxygen	1		4.0	**0.90**	mg/L O2		Field		
pH (Field)	1		0	**5.23**	pH Units		Field		
Temperature	1		0	**23**	°C		Field		
Turbidity	1		4.0	**450**	NTU		Field		

Miscellaneous Analytes

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Ammonia (as N)	1		0.077	**0.16**	mg/L		E350.1		T
Nitrate (as N)	1		0.53	**0.13**	mg/L	U	SM4500NO3-F		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033736

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 14:05

Total Chlorides	1	10	**8.1**	mg/L		E325.2	J
Total Dissolved Solids	1	40	**66**	mg/L		E160.1	J

Total Metals

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic	1		0.0064	**0.0052**	mg/L	i	SW6010B		J
Barium	1		0.0030	**0.43**	mg/L		SW6010B		J
Beryllium	1		0.00024	**0.0051**	mg/L		SW6010B		J
Cadmium	1		0.0014	**0.00036**	mg/L	U	SW6010B		J
Chromium	1		0.0040	**0.090**	mg/L		SW6010B		J
Cobalt	1		0.0010	**0.0015**	mg/L		SW6010B		J
Copper	1		0.0044	**0.0021**	mg/L	i	SW6010B		J
Iron	1		0.076	**2.8**	mg/L		SW6010B		J
* **Lead**	1		0.0036	**0.068**	mg/L		SW6010B		J
* **Nickel**	1		0.0034	**0.0070**	mg/L		SW6010B		J
Selenium	1		0.0088	**0.0022**	mg/L	U	SW6010B		J
Silver	1		0.00068	**0.00017**	mg/L	U	SW6010B		J
Sodium	1		0.20	**3.3**	mg/L		SW6010B		J
Vanadium	1		0.00064	**0.11**	mg/L		SW6010B		J
Zinc	1		0.010	**0.027**	mg/L		SW6010B		J

Total Metals (Hg)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury	1		0.000072	**0.000018**	mg/L	U	SW7470A		J

Total Metals (Sb)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Antimony	1		0.014	**0.0034**	mg/L	U	SW7041A		J

Total Metals (Tl)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium	1		0.0039	**0.00098**	mg/L	U	SW7841		J

Surrogates:	Control Limits	% Recovery	Qual.	Method	Analysis Date	Prep Method	Prep Date	Analyst
Tetrachloro-m-xylene	30 - 120	91		E504.1	7/4/2003	METHOD	7/3/2003 11:00:0	MP
1,2-Dichloroethane-d4	80 - 120	112		SW8260B	7/7/2003	SW5030B	7/7/2003 12:57:0	JA
4-Bromofluorobenzene	86 - 115	114		SW8260B	7/7/2003	SW5030B	7/7/2003 12:57:0	JA
Toluene d(8)	88 - 110	104		SW8260B	7/7/2003	SW5030B	7/7/2003 12:57:0	JA

AIC Alternate initial calibration criteria used (mean RSD <15%)

i The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U The compound was analyzed for but not detected.

J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)

T DOH certification #E84589, Compqap #980174 (AEL-Tampa)

* Comment for Lead -- Analyzed 07-08-03 15:56 due to reanalysis.

* Comment for Lead, dissolved -- Analyzed 07-08-03 15:56 due to reanalysis.

* Comment for Nickel -- Analyzed 07-07-03 16:37 due to reanalysis.

* Comment for Nickel, dissolved -- Analyzed 07-07-03 16:37 due to reanalysis.

* Comment for Selenium, dissolved -- Analyzed 07-07-03 16:37 due to reanalysis.

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033736

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 14:05

Lab Code: J033736-07 **Date/Time Sampled:** 7/2/2003 08:48

Client Sample ID: MWB-11S **SampleType:**

Site: Monitoring Well **Sampled By:** DSA/BR

Matrix: Water **Shipping Method:** Client drop off

Appendix I Volatile Organic Compunds

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,1,1,2-Tetrachloroethane	1		1.1	**0.27**	ug/L	U	SW8260B		J
1,1,1-Trichloroethane	1		1.6	**0.39**	ug/L	U	SW8260B		J
1,1,2,2-Tetrachloroethane	1		0.76	**0.19**	ug/L	U	SW8260B		J
1,1,2-Trichloroethane	1		1.4	**0.34**	ug/L	U	SW8260B		J
1,1-Dichloroethane	1		1.4	**0.36**	ug/L	U	SW8260B		J
1,1-Dichloroethene	1		2.0	**0.50**	ug/L	U	SW8260B		J
1,2,3-Trichloropropane	1		1.3	**0.33**	ug/L	U	SW8260B		J
1,2-Dibromo-3-chloropropane	1		2.2	**0.55**	ug/L	U	SW8260B		J
1,2-Dibromoethane	1		0.80	**0.25**	ug/L	U	SW8260B		J
1,2-Dichlorobenzene	1		1.1	**0.28**	ug/L	U	SW8260B		J
1,2-Dichloroethane	1		1.4	**0.36**	ug/L	U	SW8260B		J
1,2-Dichloropropane	1		1.2	**0.30**	ug/L	U	SW8260B		J
1,3-Dichloropropene (Total)	1		2.1	**0.52**	ug/L	U	SW8260B		J
1,4-Dichlorobenzene	1		1.2	**0.30**	ug/L	U	SW8260B		J
2-Hexanone (MBK)	1		1.1	**0.27**	ug/L	U	SW8260B		
4-Methyl-2-pentanone (MIBK)	1		1.4	**0.35**	ug/L	U	SW8260B		
Acetone	1		2.8	**2.5**	ug/L	i	SW8260B	AIC	J
Acrylonitrile	1		6.2	**1.6**	ug/L	U	SW8260B		J
Benzene	1		1.2	**0.30**	ug/L	U	SW8260B		J
Bromochloromethane	1		1.6	**0.39**	ug/L	U	SW8260B		J
Bromodichloromethane	1		1.2	**0.29**	ug/L	U	SW8260B		J
Bromoform	1		1.0	**0.25**	ug/L	U	SW8260B	AIC	J
Bromomethane	1		1.9	**0.47**	ug/L	U	SW8260B		J
Carbon Disulfide	1		1.6	**0.41**	ug/L	U	SW8260B		J
Carbon Tetrachloride	1		1.6	**0.39**	ug/L	U	SW8260B		J
Chlorobenzene	1		1.2	**0.31**	ug/L	U	SW8260B		J
Chloroethane	1		2.5	**0.47**	ug/L	U	SW8260B	AIC	J
Chloroform	1		1.6	**0.41**	ug/L	U	SW8260B		J
Chloromethane	1		1.7	**0.75**	ug/L	i	SW8260B		J
Cis-1,2-dichloroethene	1		1.3	**0.39**	ug/L	U	SW8260B		J
Cis-1,3-dichloropropene	1		1.1	**0.27**	ug/L	U	SW8260B		J
Dibromochloromethane	1		1.0	**0.25**	ug/L	U	SW8260B		J
Dibromomethane	1		1.4	**0.34**	ug/L	U	SW8260B		J
Ethylbenzene	1		1.1	**0.27**	ug/L	U	SW8260B		J
Iodomethane	1		1.6	**0.40**	ug/L	U	SW8260B	AIC	J
Methyl ethyl ketone	1		1.0	**2.4**	ug/L		SW8260B		J
Methylene Chloride	1		0.84	**0.21**	ug/L	U	SW8260B		J
Styrene	1		1.0	**0.25**	ug/L	U	SW8260B		J
Tetrachloroethene	1		1.7	**0.43**	ug/L	U	SW8260B		J
Toluene	1		1.2	**0.29**	ug/L	U	SW8260B		J
Trans-1,2-dichloroethene	1		2.0	**0.50**	ug/L	U	SW8260B		J
Trans-1,3-dichloropropene	1		1.0	**0.25**	ug/L	U	SW8260B		J
Trans-1,4-dichloro-2-butene	1		2.1	**0.52**	ug/L	U	SW8260B		J
Trichloroethene	1		1.7	**0.43**	ug/L	U	SW8260B		J
Trichlorofluoromethane	1		2.0	**0.50**	ug/L	U	SW8260B		J

Client: Trail Rdge Landfill,Inc. **Report No.:** J033736

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 14:05

Vinyl Acetate	1		1.2	**0.31**	ug/L	U	SW8260B	J
Vinyl Chloride	1		2.0	**0.49**	ug/L	U	SW8260B	J
Xylenes (Total)	1		3.4	**0.86**	ug/L	U	SW8260B	J

Ethylene Dibromide

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,2-Dibromo-3-chloropropane	1	0.0034	0.014	**0.0034**	ug/L	U	E504.1		J
Ethylene Dibromide	1	0.0069	0.028	**0.0069**	ug/L	U	E504.1		J

Field Parameters

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Color/Sheen	1		0	**None**			Field		
Conductivity	1		0.40	**180**	µmhos/cm		Field		
Dissolved Oxygen	1		4.0	**1.5**	mg/L O2		Field		
pH (Field)	1		0	**4.23**	pH Units		Field		
Temperature	1		0	**22**	°C		Field		
Turbidity	1		4.0	**0.30**	NTU		Field		

Miscellaneous Analytes

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Ammonia (as N)	1		0.077	**0.20**	mg/L		E350.1		T
Nitrate (as N)	1		0.53	**0.13**	mg/L	U	SM4500NO3-F		J
Total Chlorides	1		10	**21**	mg/L		E325.2		J
Total Dissolved Solids	1		40	**110**	mg/L		E160.1		J

Total Metals

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic	1		0.0064	**0.0016**	mg/L	U	SW6010B		J
Barium	1		0.0030	**0.077**	mg/L		SW6010B		J
Beryllium	1		0.00024	**0.00017**	mg/L	i	SW6010B		J
Cadmium	1		0.0014	**0.00036**	mg/L	U	SW6010B		J
Chromium	1		0.0040	**0.0010**	mg/L	U	SW6010B		J
Cobalt	1		0.0010	**0.0010**	mg/L	i	SW6010B		J
Copper	1		0.0044	**0.0011**	mg/L	U	SW6010B		J
Iron	1		0.076	**1.2**	mg/L		SW6010B		J
Lead	1		0.0036	**0.00091**	mg/L	U	SW6010B		J
* Nickel	1		0.0034	**0.00085**	mg/L	U	SW6010B		J
* Selenium	1		0.0088	**0.0022**	mg/L	i	SW6010B		J
Silver	1		0.00068	**0.00023**	mg/L	i	SW6010B		J
Sodium	1		0.20	**8.5**	mg/L		SW6010B		J
Vanadium	1		0.00064	**0.0020**	mg/L		SW6010B		J
Zinc	1		0.010	**0.0025**	mg/L	U	SW6010B		J

Total Metals (Hg)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury	1		0.000072	**0.000018**	mg/L	U	SW7470A		J

Total Metals (Sb)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Antimony	1		0.014	**0.0034**	mg/L	U	SW7041A		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033736

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 14:05

Total Metals (Tl)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium	1		0.0039	**0.00098**	mg/L	U	SW7841		*J*

Surrogates:	Control Limits	% Recovery	Qual.	Method	Analysis Date	Prep Method	Prep Date	Analys
Tetrachloro-m-xylene	30 - 120	109		E504.1	7/4/2003	METHOD	7/3/2003 11:00:0	MP
1,2-Dichloroethane-d4	80 - 120	112		SW8260B	7/7/2003	SW5030B	7/7/2003 12:57:0	JA
4-Bromofluorobenzene	86 - 115	112		SW8260B	7/7/2003	SW5030B	7/7/2003 12:57:0	JA
Toluene d(8)	88 - 110	102		SW8260B	7/7/2003	SW5030B	7/7/2003 12:57:0	JA

AIC Alternate initial calibration criteria used (mean RSD <15%)

i The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U The compound was analyzed for but not detected.

J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)

T DOH certification #E84589, Compqap #980174 (AEL-Tampa)

* Comment for Nickel -- Analyzed 07-07-03 16:37 due to reanalysis.

* Comment for Selenium -- Analyzed 07-07-03 16:37 due to reanalysis.

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033736

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 14:05

Lab Code: J033736-08 **Date/Time Sampled:** 7/2/2003

Client Sample ID: DUP-4 **SampleType:**

Site: Duplicate **Sampled By:** DSA/BR

Matrix: Water **Shipping Method:** Client drop off

Appendix I Volatile Organic Compunds

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,1,1,2-Tetrachloroethane	1		1.1	**0.27**	ug/L	U	SW8260B		J
1,1,1-Trichloroethane	1		1.6	**0.39**	ug/L	U	SW8260B		J
1,1,2,2-Tetrachloroethane	1		0.76	**0.19**	ug/L	U	SW8260B		J
1,1,2-Trichloroethane	1		1.4	**0.34**	ug/L	U	SW8260B		J
1,1-Dichloroethane	1		1.4	**0.36**	ug/L	U	SW8260B		J
1,1-Dichloroethene	1		2.0	**0.50**	ug/L	U	SW8260B		J
1,2,3-Trichloropropane	1		1.3	**0.33**	ug/L	U	SW8260B		J
1,2-Dibromo-3-chloropropane	1		2.2	**0.55**	ug/L	U	SW8260B		J
1,2-Dibromoethane	1		0.80	**0.25**	ug/L	U	SW8260B		J
1,2-Dichlorobenzene	1		1.1	**0.28**	ug/L	U	SW8260B		J
1,2-Dichloroethane	1		1.4	**0.36**	ug/L	U	SW8260B		J
1,2-Dichloropropane	1		1.2	**0.30**	ug/L	U	SW8260B		J
1,3-Dichloropropene (Total)	1		2.1	**0.52**	ug/L	U	SW8260B		J
1,4-Dichlorobenzene	1		1.2	**0.30**	ug/L	U	SW8260B		J
2-Hexanone (MBK)	1		1.1	**0.27**	ug/L	U	SW8260B		J
4-Methyl-2-pentanone (MIBK)	1		1.4	**0.35**	ug/L	U	SW8260B		J
Acetone	1		2.8	**2.5**	ug/L	i	SW8260B	AIC	J
Acrylonitrile	1		6.2	**1.6**	ug/L	U	SW8260B		J
Benzene	1		1.2	**0.30**	ug/L	U	SW8260B		J
Bromochloromethane	1		1.6	**0.39**	ug/L	U	SW8260B		J
Bromodichloromethane	1		1.2	**0.29**	ug/L	U	SW8260B		J
Bromoform	1		1.0	**0.25**	ug/L	U	SW8260B	AIC	J
Bromomethane	1		1.9	**0.47**	ug/L	U	SW8260B		J
Carbon Disulfide	1		1.6	**0.41**	ug/L	U	SW8260B		J
Carbon Tetrachloride	1		1.6	**0.39**	ug/L	U	SW8260B		J
Chlorobenzene	1		1.2	**0.31**	ug/L	U	SW8260B		J
Chloroethane	1		2.5	**0.47**	ug/L	U	SW8260B	AIC	J
Chloroform	1		1.6	**0.41**	ug/L	U	SW8260B		J
Chloromethane	1		1.7	**0.60**	ug/L	i	SW8260B		J
Cis-1,2-dichloroethene	1		1.3	**0.39**	ug/L	U	SW8260B		J
Cis-1,3-dichloropropene	1		1.1	**0.27**	ug/L	U	SW8260B		J
Dibromochloromethane	1		1.0	**0.25**	ug/L	U	SW8260B		J
Dibromomethane	1		1.4	**0.34**	ug/L	U	SW8260B		J
Ethylbenzene	1		1.1	**0.27**	ug/L	U	SW8260B		J
Iodomethane	1		1.6	**0.40**	ug/L	U	SW8260B	AIC	J
Methyl ethyl ketone	1		1.0	**0.25**	ug/L	U	SW8260B		J
Methylene Chloride	1		0.84	**0.21**	ug/L	U	SW8260B		J
Styrene	1		1.0	**0.25**	ug/L	U	SW8260B		J
Tetrachloroethene	1		1.7	**0.43**	ug/L	U	SW8260B		J
Toluene	1		1.2	**0.29**	ug/L	U	SW8260B		J
Trans-1,2-dichloroethene	1		2.0	**0.50**	ug/L	U	SW8260B		J
Trans-1,3-dichloropropene	1		1.0	**0.25**	ug/L	U	SW8260B		J
Trans-1,4-dichloro-2-butene	1		2.1	**0.52**	ug/L	U	SW8260B		J
Trichloroethene	1		1.7	**0.43**	ug/L	U	SW8260B		J
Trichlorofluoromethane	1		2.0	**0.50**	ug/L	U	SW8260B		J

Vinyl Acetate	1		1.2	**0.31**	ug/L	U	SW8260B	J
Vinyl Chloride	1		2.0	**0.49**	ug/L	U	SW8260B	J
Xylenes (Total)	1		3.4	**0.86**	ug/L	U	SW8260B	J

Ethylene Dibromide

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,2-Dibromo-3-chloropropane	1	0.0034	0.014	**0.0034**	ug/L	U	E504.1		J
Ethylene Dibromide	1	0.0069	0.028	**0.0069**	ug/L	U	E504.1		J

Miscellaneous Analytes

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Ammonia (as N)	1		0.077	**0.13**	mg/L		E350.1		T
Nitrate (as N)	1		0.53	**0.13**	mg/L	U	SM4500NO3-F		J
Total Chlorides	1		10	**21**	mg/L		E325.2		J
Total Dissolved Solids	1		40	**100**	mg/L		E160.1		J

Total Metals

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic	1		0.0064	**0.0016**	mg/L	U	SW6010B		J
Barium	1		0.0030	**0.077**	mg/L		SW6010B		J
Beryllium	1		0.00024	**0.00017**	mg/L	i	SW6010B		J
Cadmium	1		0.0014	**0.00036**	mg/L	U	SW6010B		J
Chromium	1		0.0040	**0.0010**	mg/L	U	SW6010B		J
Cobalt	1		0.0010	**0.0010**	mg/L	i	SW6010B		J
Copper	1		0.0044	**0.0011**	mg/L	U	SW6010B		J
Iron	1		0.076	**1.3**	mg/L		SW6010B		J
Lead	1		0.0036	**0.00091**	mg/L	U	SW6010B		J
Nickel	1		0.0034	**0.00085**	mg/L	U	SW6010B		J
* Selenium	1		0.0088	**0.0022**	mg/L	U	SW6010B		J
Silver	1		0.00068	**0.00017**	mg/L	U	SW6010B		J
Sodium	1		0.20	**8.5**	mg/L		SW6010B		J
Vanadium	1		0.00064	**0.0021**	mg/L		SW6010B		J
Zinc	1		0.010	**0.0025**	mg/L	U	SW6010B		J

Total Metals (Hg)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury	1		0.000072	**0.000018**	mg/L	U	SW7470A		J

Total Metals (Sb)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Antimony	1		0.014	**0.0034**	mg/L	U	SW7041A		J

Total Metals (Tl)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium	1		0.0039	**0.00098**	mg/L	U	SW7841		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033736

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 14:05

Surrogates:	Control Limits	% Recovery	Qual.	Method	Analysis Date	Prep Method	Prep Date	Analys
Tetrachloro-m-xylene	30 - 120	116		E504.1	7/4/2003	METHOD	7/3/2003 11:00:0	MP
1,2-Dichloroethane-d4	80 - 120	114		SW8260B	7/7/2003	SW5030B	7/7/2003 12:57:0	JA
4-Bromofluorobenzene	86 - 115	114		SW8260B	7/7/2003	SW5030B	7/7/2003 12:57:0	JA
Toluene d(8)	88 - 110	102		SW8260B	7/7/2003	SW5030B	7/7/2003 12:57:0	JA

AIC Alternate initial calibration criteria used (mean RSD <15%)

i The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U The compound was analyzed for but not detected.

J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)

T DOH certification #E84589, Compqap #980174 (AEL-Tampa)

* Comment for Selenium – Analyzed 07-07-03 16:37 due to reanalysis.

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033736

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 14:05

Lab Code: J033736-09 **Date/Time Sampled:** 7/2/2003 08:15

Client Sample ID: MWB-32I **SampleType:**

Site: Monitoring Well **Sampled By:** DSA/BR

Matrix: Water **Shipping Method:** Client drop off

Appendix I Volatile Organic Compunds

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,1,1,2-Tetrachloroethane	1		1.1	0.27	ug/L	U	SW8260B		J
1,1,1-Trichloroethane	1		1.6	0.39	ug/L	U	SW8260B		J
1,1,2,2-Tetrachloroethane	1		0.76	0.19	ug/L	U	SW8260B		J
1,1,2-Trichloroethane	1		1.4	0.34	ug/L	U	SW8260B		J
1,1-Dichloroethane	1		1.4	0.36	ug/L	U	SW8260B		J
1,1-Dichloroethene	1		2.0	0.50	ug/L	U	SW8260B		J
1,2,3-Trichloropropane	1		1.3	0.33	ug/L	U	SW8260B		J
1,2-Dibromo-3-chloropropane	1		2.2	0.55	ug/L	U	SW8260B		J
1,2-Dibromoethane	1		0.80	0.25	ug/L	U	SW8260B		J
1,2-Dichlorobenzene	1		1.1	0.28	ug/L	U	SW8260B		J
1,2-Dichloroethane	1		1.4	0.36	ug/L	U	SW8260B		J
1,2-Dichloropropane	1		1.2	0.30	ug/L	U	SW8260B		J
1,3-Dichloropropene (Total)	1		2.1	0.52	ug/L	U	SW8260B		J
1,4-Dichlorobenzene	1		1.2	0.30	ug/L	U	SW8260B		J
2-Hexanone (MBK)	1		1.1	0.27	ug/L	U	SW8260B		
4-Methyl-2-pentanone (MIBK)	1		1.4	0.35	ug/L	U	SW8260B		J
Acetone	1		2.8	0.71	ug/L	U	SW8260B	AIC	J
Acrylonitrile	1		6.2	1.6	ug/L	U	SW8260B		J
Benzene	1		1.2	0.30	ug/L	U	SW8260B		J
Bromochloromethane	1		1.6	0.39	ug/L	U	SW8260B		J
Bromodichloromethane	1		1.2	0.29	ug/L	U	SW8260B		J
Bromoform	1		1.0	0.25	ug/L	U	SW8260B	AIC	J
Bromomethane	1		1.9	0.47	ug/L	U	SW8260B		J
Carbon Disulfide	1		1.6	0.41	ug/L	U	SW8260B		J
Carbon Tetrachloride	1		1.6	0.39	ug/L	U	SW8260B		J
Chlorobenzene	1		1.2	0.31	ug/L	U	SW8260B		J
Chloroethane	1		2.5	0.47	ug/L	U	SW8260B	AIC	J
Chloroform	1		1.6	0.41	ug/L	U	SW8260B		J
Chloromethane	1		1.7	0.43	ug/L	U	SW8260B		J
Cis-1,2-dichloroethene	1		1.3	0.39	ug/L	U	SW8260B		J
Cis-1,3-dichloropropene	1		1.1	0.27	ug/L	U	SW8260B		J
Dibromochloromethane	1		1.0	0.25	ug/L	U	SW8260B		J
Dibromomethane	1		1.4	0.34	ug/L	U	SW8260B		J
Ethylbenzene	1		1.1	0.27	ug/L	U	SW8260B		J
Iodomethane	1		1.6	0.40	ug/L	U	SW8260B	AIC	J
Methyl ethyl ketone	1		1.0	2.4	ug/L		SW8260B		J
Methylene Chloride	1		0.84	0.21	ug/L	U	SW8260B		J
Styrene	1		1.0	0.25	ug/L	U	SW8260B		J
Tetrachloroethene	1		1.7	0.43	ug/L	U	SW8260B		J
Toluene	1		1.2	0.29	ug/L	U	SW8260B		J
Trans-1,2-dichloroethene	1		2.0	0.50	ug/L	U	SW8260B		J
Trans-1,3-dichloropropene	1		1.0	0.25	ug/L	U	SW8260B		J
Trans-1,4-dichloro-2-butene	1		2.1	0.52	ug/L	U	SW8260B		J
Trichloroethene	1		1.7	0.43	ug/L	U	SW8260B		J
Trichlorofluoromethane	1		2.0	0.50	ug/L	U	SW8260B		J

Client: Trail Rdge Landfill,Inc. **Report No.:** J033736

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 14:05

Vinyl Acetate	1		1.2	**0.31**	ug/L	U	SW8260B	J
Vinyl Chloride	1		2.0	**0.49**	ug/L	U	SW8260B	J
Xylenes (Total)	1		3.4	**0.86**	ug/L	U	SW8260B	J

Dissolved Metals

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic, dissolved	1		0.0064	**0.0016**	mg/L	U	SW6010B		J
Barium, dissolved	1		0.0030	**0.036**	mg/L		SW6010B		J
Beryllium, dissolved	1		0.0021	**0.000059**	mg/L	U	SW6010B		J
Cadmium, dissolved	1		0.0014	**0.00036**	mg/L	U	SW6010B		J
Chromium, dissolved	1		0.0040	**0.0017**	mg/L	i	SW6010B		J
Cobalt, dissolved	1		0.0010	**0.00052**	mg/L	i	SW6010B		J
Copper, dissolved	1		0.0044	**0.0011**	mg/L	U	SW6010B		J
Iron, dissolved	1		0.076	**0.33**	mg/L		SW6010B		J
* Lead, dissolved	1		0.0036	**0.0024**	mg/L	i	SW6010B		J
* Nickel, dissolved	1		0.0034	**0.0037**	mg/L		SW6010B		J
Selenium, dissolved	1		0.0088	**0.0022**	mg/L	U	SW6010B		J
Silver, dissolved	1		0.00068	**0.00021**	mg/L	i	SW6010B		J
Sodium, dissolved	1		0.20	**2.9**	mg/L		SW6010B		J
Vanadium, dissolved	1		0.00064	**0.0017**	mg/L		SW6010B		J
* Zinc, dissolved	1		0.010	**0.0027**	mg/L	i	SW6010B		J

Dissolved Metals (Hg)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury, dissolved	1		0.000072	**0.000018**	mg/L	U	SW7470A		J

Dissolved Metals (Sb)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Antimony, Dissolved	1			**0.0034**	mg/L	U	SW7041A		J

Dissolved Metals (Tl)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium, dissolved	1		0.0039	**0.00098**	mg/L	U	SW7841		J

Ethylene Dibromide

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,2-Dibromo-3-chloropropane	1	0.0034	0.014	**0.0034**	ug/L	U	E504.1		J
Ethylene Dibromide	1	0.0069	0.028	**0.0069**	ug/L	U	E504.1		J

Field Parameters

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Color/Sheen	1		0	**Wht**			Field		
Conductivity	1		0.40	**40**	µmhos/cm		Field		
Dissolved Oxygen	1		4.0	**0.80**	mg/L O2		Field		
pH (Field)	1		0	**5.22**	pH Units		Field		
Temperature	1		0	**21**	°C		Field		
Turbidity	1		4.0	**540**	NTU		Field		

Miscellaneous Analytes

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Ammonia (as N)	1		0.077	**0.15**	mg/L		E350.1		T
Nitrate (as N)	1		0.53	**0.13**	mg/L	U	SM4500NO3-F		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033736

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 14:05

Total Chlorides	1	10	**3.7**	mg/L	E325.2	J
Total Dissolved Solids	1	40	**46**	mg/L	E160.1	J

Total Metals

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic	1		0.0064	**0.0016**	mg/L	U	SW6010B		J
Barium	1		0.0030	**0.094**	mg/L		SW6010B		J
Beryllium	1		0.00024	**0.00067**	mg/L		SW6010B		J
Cadmium	1		0.0014	**0.00036**	mg/L	U	SW6010B		J
Chromium	1		0.0040	**0.018**	mg/L		SW6010B		J
Cobalt	1		0.0010	**0.0014**	mg/L		SW6010B		J
Copper	1		0.0044	**0.0011**	mg/L	U	SW6010B		J
Iron	1		0.076	**1.1**	mg/L		SW6010B		J
* **Lead**	1		0.0036	**0.019**	mg/L		SW6010B		J
* **Nickel**	1		0.0034	**0.0054**	mg/L		SW6010B		J
* **Selenium**	1		0.0088	**0.0022**	mg/L	U	SW6010B		J
Silver	1		0.00068	**0.00017**	mg/L	U	SW6010B		J
Sodium	1		0.20	**3.3**	mg/L		SW6010B		J
Vanadium	1		0.00064	**0.016**	mg/L		SW6010B		J
* **Zinc**	1		0.010	**0.026**	mg/L		SW6010B		J

Total Metals (Hg)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury	1		0.000072	**0.000018**	mg/L	U	SW7470A		

Total Metals (Sb)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Antimony	1		0.014	**0.0034**	mg/L	U	SW7041A		J

Total Metals (Tl)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium	1		0.0039	**0.00098**	mg/L	U	SW7841		J

Surrogates:	Control Limits	% Recovery	Qual.	Method	Analysis Date	Prep Method	Prep Date	Analys
Tetrachloro-m-xylene	30 - 120	89		E504.1	7/4/2003	METHOD	7/3/2003 11:00:0	MP
1,2-Dichloroethane-d4	80 - 120	110		SW8260B	7/7/2003	SW5030B	7/7/2003 12:57:0	JA
4-Bromofluorobenzene	86 - 115	116	J4	SW8260B	7/7/2003	SW5030B	7/7/2003 12:57:0	JA
Toluene d(8)	88 - 110	104		SW8260B	7/7/2003	SW5030B	7/7/2003 12:57:0	JA

AIC Alternate initial calibration criteria used (mean RSD <15%)

i The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

J4 The sample matrix interfered with the ability to make an accurate determination.

U The compound was analyzed for but not detected.

J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)

T DOH certification #E84589, Compqap #980174 (AEL-Tampa)

* Comment for Lead – Analyzed 07-08-03 15:56 due to reanalysis.
* Comment for Lead, dissolved – Analyzed 07-08-03 15:56 due to reanalysis.
* Comment for Nickel – Analyzed 07-07-03 16:37 due to reanalysis.
* Comment for Nickel, dissolved – Analyzed 07-07-03 16:37 due to reanalysis.
* Comment for Selenium – Analyzed 07-07-03 16:37 due to reanalysis.
* Comment for Zinc – Analyzed 07-07-03 due to reanalysis.
* Comment for Zinc, dissolved – Analyzed 07-07-03 due to reanalysis.

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc.
Project Name: Trail Ridge GW

Report No.: J033736
Date/Time Received: 7/2/03 14:05

Lab Code: J033736-10
Client Sample ID: MWB-13S
Site: Monitoring Well
Matrix: Water

Date/Time Sampled: 7/2/2003 07:15
SampleType:
Sampled By: DSA/BR
Shipping Method: Client drop off

Appendix I Volatile Organic Compunds

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,1,1,2-Tetrachloroethane	1		1.1	**0.27**	ug/L	U	SW8260B		J
1,1,1-Trichloroethane	1		1.6	**0.39**	ug/L	U	SW8260B		J
1,1,2,2-Tetrachloroethane	1		0.76	**0.19**	ug/L	U	SW8260B		J
1,1,2-Trichloroethane	1		1.4	**0.34**	ug/L	U	SW8260B		J
1,1-Dichloroethane	1		1.4	**0.36**	ug/L	U	SW8260B		J
1,1-Dichloroethene	1		2.0	**0.50**	ug/L	U	SW8260B		J
1,2,3-Trichloropropane	1		1.3	**0.33**	ug/L	U	SW8260B		J
1,2-Dibromo-3-chloropropane	1		2.2	**0.55**	ug/L	U	SW8260B		J
1,2-Dibromoethane	1		0.80	**0.25**	ug/L	U	SW8260B		J
1,2-Dichlorobenzene	1		1.1	**0.28**	ug/L	U	SW8260B		J
1,2-Dichloroethane	1		1.4	**0.36**	ug/L	U	SW8260B		J
1,2-Dichloropropane	1		1.2	**0.30**	ug/L	U	SW8260B		J
1,3-Dichloropropene (Total)	1		2.1	**0.52**	ug/L	U	SW8260B		J
1,4-Dichlorobenzene	1		1.2	**0.30**	ug/L	U	SW8260B		J
2-Hexanone (MBK)	1		1.1	**0.27**	ug/L	U	SW8260B		J
4-Methyl-2-pentanone (MIBK)	1		1.4	**0.35**	ug/L	U	SW8260B		J
Acetone	1		2.8	**14**	ug/L		SW8260B	AIC	J
Acrylonitrile	1		6.2	**1.6**	ug/L	U	SW8260B		J
Benzene	1		1.2	**0.30**	ug/L	U	SW8260B		J
Bromochloromethane	1		1.6	**0.39**	ug/L	U	SW8260B		J
Bromodichloromethane	1		1.2	**0.29**	ug/L	U	SW8260B		J
Bromoform	1		1.0	**0.25**	ug/L	U	SW8260B	AIC	J
Bromomethane	1		1.9	**0.47**	ug/L	U	SW8260B		J
Carbon Disulfide	1		1.6	**0.41**	ug/L	U	SW8260B		J
Carbon Tetrachloride	1		1.6	**0.39**	ug/L	U	SW8260B		J
Chlorobenzene	1		1.2	**0.31**	ug/L	U	SW8260B		J
Chloroethane	1		2.5	**0.47**	ug/L	U	SW8260B	AIC	J
Chloroform	1		1.6	**0.41**	ug/L	U	SW8260B		J
Chloromethane	1		1.7	**0.43**	ug/L	U	SW8260B		J
Cis-1,2-dichloroethene	1		1.3	**0.39**	ug/L	U	SW8260B		J
Cis-1,3-dichloropropene	1		1.1	**0.27**	ug/L	U	SW8260B		J
Dibromochloromethane	1		1.0	**0.25**	ug/L	U	SW8260B		J
Dibromomethane	1		1.4	**0.34**	ug/L	U	SW8260B		J
Ethylbenzene	1		1.1	**0.27**	ug/L	U	SW8260B		J
Iodomethane	1		1.6	**0.40**	ug/L	U	SW8260B	AIC	J
Methyl ethyl ketone	1		1.0	**0.25**	ug/L	U	SW8260B		J
Methylene Chloride	1		0.84	**0.21**	ug/L	U	SW8260B		J
Styrene	1		1.0	**0.25**	ug/L	U	SW8260B		J
Tetrachloroethene	1		1.7	**0.43**	ug/L	U	SW8260B		J
Toluene	1		1.2	**0.29**	ug/L	U	SW8260B		J
Trans-1,2-dichloroethene	1		2.0	**0.50**	ug/L	U	SW8260B		J
Trans-1,3-dichloropropene	1		1.0	**0.25**	ug/L	U	SW8260B		J
Trans-1,4-dichloro-2-butene	1		2.1	**0.52**	ug/L	U	SW8260B		J
Trichloroethene	1		1.7	**0.43**	ug/L	U	SW8260B		J
Trichlorofluoromethane	1		2.0	**0.50**	ug/L	U	SW8260B		J

Client: Trail Rdge Landfill,Inc. **Report No.:** J033736

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 14:05

Vinyl Acetate	1		1.2	**0.31**	ug/L	U	SW8260B	J
Vinyl Chloride	1		2.0	**0.49**	ug/L	U	SW8260B	J
Xylenes (Total)	1		3.4	**0.86**	ug/L	U	SW8260B	J

Ethylene Dibromide

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,2-Dibromo-3-chloropropane	1	0.0034	0.014	**0.0034**	ug/L	U	E504.1		J
Ethylene Dibromide	1	0.0069	0.028	**0.0069**	ug/L	U	E504.1		J

Field Parameters

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Color/Sheen	1		0	**None**			Field		
Conductivity	1		0.40	**180**	µmhos/cm		Field		
Dissolved Oxygen	1		4.0	**2.6**	mg/L O2		Field		
pH (Field)	1		0	**5.29**	pH Units		Field		
Temperature	1		0	**24**	°C		Field		
Turbidity	1		4.0	**4.6**	NTU		Field		

Miscellaneous Analytes

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Ammonia (as N)	1		0.077	**0.59**	mg/L		E350.1		T
Nitrate (as N)	1		0.53	**0.13**	mg/L	U	SM4500NO3-F		J
Total Chlorides	1		10	**26**	mg/L		E325.2		
Total Dissolved Solids	1		40	**140**	mg/L		E160.1		J

Total Metals

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic	1		0.0064	**0.0016**	mg/L	U	SW6010B		J
Barium	1		0.0030	**0.0093**	mg/L		SW6010B		J
Beryllium	1		0.00024	**0.000059**	mg/L	U	SW6010B		J
Cadmium	1		0.0014	**0.00036**	mg/L	U	SW6010B		J
Chromium	1		0.0040	**0.0010**	mg/L	i	SW6010B		J
Cobalt	1		0.0010	**0.00029**	mg/L	i	SW6010B		J
Copper	1		0.0044	**0.0081**	mg/L		SW6010B		J
Iron	1		0.076	**0.74**	mg/L		SW6010B		J
* Lead	1		0.0036	**0.00091**	mg/L	U	SW6010B		J
* Nickel	1		0.0034	**0.00085**	mg/L	U	SW6010B		J
* Selenium	1		0.0088	**0.013**	mg/L		SW6010B		J
Silver	1		0.00068	**0.00017**	mg/L	U	SW6010B		J
Sodium	1		0.20	**4.8**	mg/L		SW6010B		J
Vanadium	1		0.00064	**0.038**	mg/L		SW6010B		J
Zinc	1		0.010	**0.0025**	mg/L	U	SW6010B		J

Total Metals (Hg)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury	1		0.000072	**0.000071**	mg/L	i	SW7470A		J

Total Metals (Sb)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Antimony	1		0.014	**0.0034**	mg/L	U	SW7041A		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033736

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 14:05

Total Metals (Tl)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium	1		0.0039	**0.00098**	mg/L	U	SW7841		J

Surrogates:	Control Limits	% Recovery	Qual.	Method	Analysis Date	Prep Method	Prep Date	Analys
Tetrachloro-m-xylene	30 - 120	79		E504.1	7/4/2003	METHOD	7/3/2003 11:00:0	MP
1,2-Dichloroethane-d4	80 - 120	110		SW8260B	7/7/2003	SW5030B	7/7/2003 12:57:0	JA
4-Bromofluorobenzene	86 - 115	116	J4	SW8260B	7/7/2003	SW5030B	7/7/2003 12:57:0	JA
Toluene d(8)	88 - 110	106		SW8260B	7/7/2003	SW5030B	7/7/2003 12:57:0	JA

AIC Alternate initial calibration criteria used (mean RSD <15%)

i The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

J4 The sample matrix interfered with the ability to make an accurate determination.

U The compound was analyzed for but not detected.

J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)

T DOH certification #E84589, Compqap #980174 (AEL-Tampa)

* Comment for Lead -- Analyzed 07-08-03 15:56 due to reanalysis.

* Comment for Nickel -- Analyzed 07-07-03 16:37 due to reanalysis.

* Comment for Selenium -- Analyzed 07-07-03 16:37 due to reanalysis.

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033736

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 14:05

Lab Code: J033736-11 **Date/Time Sampled:** 7/2/2003 06:55

Client Sample ID: MWB-13I **SampleType:**

Site: Monitoring Well **Sampled By:** DSA/BR

Matrix: Water **Shipping Method:** Client drop off

Appendix I Volatile Organic Compunds

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,1,1,2-Tetrachloroethane	1		1.1	0.27	ug/L	U	SW8260B		J
1,1,1-Trichloroethane	1		1.6	0.39	ug/L	U	SW8260B		J
1,1,2,2-Tetrachloroethane	1		0.76	0.19	ug/L	U	SW8260B		J
1,1,2-Trichloroethane	1		1.4	0.34	ug/L	U	SW8260B		J
1,1-Dichloroethane	1		1.4	0.36	ug/L	U	SW8260B		J
1,1-Dichloroethene	1		2.0	0.50	ug/L	U	SW8260B		J
1,2,3-Trichloropropane	1		1.3	0.33	ug/L	U	SW8260B		J
1,2-Dibromo-3-chloropropane	1		2.2	0.55	ug/L	U	SW8260B		J
1,2-Dibromoethane	1		0.80	0.25	ug/L	U	SW8260B		J
1,2-Dichlorobenzene	1		1.1	0.28	ug/L	U	SW8260B		J
1,2-Dichloroethane	1		1.4	0.36	ug/L	U	SW8260B		J
1,2-Dichloropropane	1		1.2	0.30	ug/L	U	SW8260B		J
1,3-Dichloropropene (Total)	1		2.1	0.52	ug/L	U	SW8260B		J
1,4-Dichlorobenzene	1		1.2	0.30	ug/L	U	SW8260B		J
2-Hexanone (MBK)	1		1.1	0.27	ug/L	U	SW8260B		J
4-Methyl-2-pentanone (MIBK)	1		1.4	0.35	ug/L	U	SW8260B		J
Acetone	1		2.8	0.71	ug/L	U	SW8260B	AIC	J
Acrylonitrile	1		6.2	1.6	ug/L	U	SW8260B		J
Benzene	1		1.2	0.30	ug/L	U	SW8260B		J
Bromochloromethane	1		1.6	0.39	ug/L	U	SW8260B		J
Bromodichloromethane	1		1.2	0.29	ug/L	U	SW8260B		J
Bromoform	1		1.0	0.25	ug/L	U	SW8260B	AIC	J
Bromomethane	1		1.9	0.47	ug/L	U	SW8260B		J
Carbon Disulfide	1		1.6	0.41	ug/L	U	SW8260B		J
Carbon Tetrachloride	1		1.6	0.39	ug/L	U	SW8260B		J
Chlorobenzene	1		1.2	0.31	ug/L	U	SW8260B		J
Chloroethane	1		2.5	0.47	ug/L	U	SW8260B	AIC	J
Chloroform	1		1.6	0.41	ug/L	U	SW8260B		J
Chloromethane	1		1.7	0.43	ug/L	U	SW8260B		J
Cis-1,2-dichloroethene	1		1.3	0.39	ug/L	U	SW8260B		J
Cis-1,3-dichloropropene	1		1.1	0.27	ug/L	U	SW8260B		J
Dibromochloromethane	1		1.0	0.25	ug/L	U	SW8260B		J
Dibromomethane	1		1.4	0.34	ug/L	U	SW8260B		J
Ethylbenzene	1		1.1	0.27	ug/L	U	SW8260B		J
Iodomethane	1		1.6	0.40	ug/L	U	SW8260B	AIC	J
Methyl ethyl ketone	1		1.0	0.25	ug/L	U	SW8260B		J
Methylene Chloride	1		0.84	0.21	ug/L	U	SW8260B		J
Styrene	1		1.0	0.25	ug/L	U	SW8260B		J
Tetrachloroethene	1		1.7	0.43	ug/L	U	SW8260B		J
Toluene	1		1.2	0.29	ug/L	U	SW8260B		J
Trans-1,2-dichloroethene	1		2.0	0.50	ug/L	U	SW8260B		J
Trans-1,3-dichloropropene	1		1.0	0.25	ug/L	U	SW8260B		J
Trans-1,4-dichloro-2-butene	1		2.1	0.52	ug/L	U	SW8260B		J
Trichloroethene	1		1.7	0.43	ug/L	U	SW8260B		J
Trichlorofluoromethane	1		2.0	0.50	ug/L	U	SW8260B		J

Client: Trail Rdge Landfill,Inc. **Report No.:** J033736

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 14:05

Vinyl Acetate	1	1.2	**0.31**	ug/L	U	SW8260B	J
Vinyl Chloride	1	2.0	**0.49**	ug/L	U	SW8260B	J
Xylenes (Total)	1	3.4	**0.86**	ug/L	U	SW8260B	J

Dissolved Metals

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic, dissolved	1		0.0064	**0.0016**	mg/L	U	SW6010B		J
Barium, dissolved	1		0.0030	**0.027**	mg/L		SW6010B		J
Beryllium, dissolved	1		0.0021	**0.000059**	mg/L	U	SW6010B		J
Cadmium, dissolved	1		0.0014	**0.00036**	mg/L	U	SW6010B		J
Chromium, dissolved	1		0.0040	**0.0010**	mg/L	U	SW6010B		J
Cobalt, dissolved	1		0.0010	**0.00025**	mg/L	i	SW6010B		J
Copper, dissolved	1		0.0044	**0.0011**	mg/L	U	SW6010B		J
Iron, dissolved	1		0.076	**0.33**	mg/L		SW6010B		J
* Lead, dissolved	1		0.0036	**0.00091**	mg/L	U	SW6010B		J
Nickel, dissolved	1		0.0034	**0.00085**	mg/L	U	SW6010B		J
* Selenium, dissolved	1		0.0088	**0.0022**	mg/L	U	SW6010B		J
Silver, dissolved	1		0.00068	**0.00019**	mg/L	i	SW6010B		J
Sodium, dissolved	1		0.20	**3.1**	mg/L		SW6010B		J
Vanadium, dissolved	1		0.00064	**0.00067**	mg/L		SW6010B		J
Zinc, dissolved	1		0.010	**0.0025**	mg/L	U	SW6010B		J

Dissolved Metals (Hg)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury, dissolved	1		0.000072	**0.000018**	mg/L	U	SW7470A		J

Dissolved Metals (Sb)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Antimony, Dissolved	1			**0.0034**	mg/L	U	SW7041A		J

Dissolved Metals (Tl)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium, dissolved	1		0.0039	**0.00098**	mg/L	U	SW7841		J

Ethylene Dibromide

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,2-Dibromo-3-chloropropane	1	0.0034	0.014	**0.0034**	ug/L	U	E504.1		J
Ethylene Dibromide	1	0.0069	0.028	**0.0069**	ug/L	U	E504.1		J

Field Parameters

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Color/Sheen	1		0	**LtBrn**			Field		
Conductivity	1		0.40	**35**	µmhos/cm		Field		
Dissolved Oxygen	1		4.0	**1.1**	mg/L O2		Field		
pH (Field)	1		0	**5.09**	pH Units		Field		
Temperature	1		0	**22**	°C		Field		
Turbidity	1		4.0	**30**	NTU		Field		

Miscellaneous Analytes

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Ammonia (as N)	1		0.077	**0.28**	mg/L		E350.1		T
Nitrate (as N)	1		0.53	**0.13**	mg/L	U	SM4500NO3-F		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033736

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 14:05

Total Chlorides	1	10	**3.7**	mg/L		E325.2	J
Total Dissolved Solids	1	40	**38**	mg/L		E160.1	J

Total Metals

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic	1		0.0064	**0.0016**	mg/L	U	SW6010B		J
Barium	1		0.0030	**0.039**	mg/L		SW6010B		J
Beryllium	1		0.00024	**0.000059**	mg/L	U	SW6010B		J
Cadmium	1		0.0014	**0.00036**	mg/L	U	SW6010B		J
Chromium	1		0.0040	**0.0030**	mg/L	i	SW6010B		J
Cobalt	1		0.0010	**0.00046**	mg/L	i	SW6010B		J
Copper	1		0.0044	**0.0011**	mg/L	U	SW6010B		J
Iron	1		0.076	**0.56**	mg/L		SW6010B		J
* **Lead**	1		0.0036	**0.00098**	mg/L	i	SW6010B		J
* **Nickel**	1		0.0034	**0.00085**	mg/L	U	SW6010B		J
* **Selenium**	1		0.0088	**0.0022**	mg/L	U	SW6010B		J
Silver	1		0.00068	**0.00017**	mg/L	U	SW6010B		J
Sodium	1		0.20	**3.2**	mg/L		SW6010B		J
Vanadium	1		0.00064	**0.0037**	mg/L		SW6010B		J
* **Zinc**	1		0.010	**0.0025**	mg/L	U	SW6010B		J

Total Metals (Hg)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury	1		0.000072	**0.000024**	mg/L	i	SW7470A		J

Total Metals (Sb)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Antimony	1		0.014	**0.0034**	mg/L	U	SW7041A		J

Total Metals (Tl)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium	1		0.0039	**0.00098**	mg/L	U	SW7841		J

Surrogates:	Control Limits	% Recovery	Qual.	Method	Analysis Date	Prep Method	Prep Date	Analyst
Tetrachloro-m-xylene	30 - 120	85		E504.1	7/4/2003	METHOD	7/3/2003 11:00:0	MP
1,2-Dichloroethane-d4	80 - 120	112		SW8260B	7/7/2003	SW5030B	7/7/2003 12:57:0	JA
4-Bromofluorobenzene	86 - 115	116	J4	SW8260B	7/7/2003	SW5030B	7/7/2003 12:57:0	JA
Toluene d(8)	88 - 110	104		SW8260B	7/7/2003	SW5030B	7/7/2003 12:57:0	JA

AIC Alternate initial calibration criteria used (mean RSD <15%)

i The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

J4 The sample matrix interfered with the ability to make an accurate determination.

U The compound was analyzed for but not detected.

J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)

T DOH certification #E84589, Compqap #980174 (AEL-Tampa)

* Comment for Lead -- Analyzed 07-08-03 15:56 due to reanalysis.

* Comment for Lead, dissolved -- Analyzed 07-08-03 15:56 due to reanalysis.

* Comment for Nickel -- Analyzed 07-07-03 16:37 due to reanalysis.

* Comment for Selenium -- Analyzed 07-07-03 16:37 due to reanalysis.

* Comment for Selenium, dissolved -- Analyzed 07-07-03 16:37 due to reanalysis.

* Comment for Zinc -- Analyzed 07-07-03 due to reanalysis.

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033736

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 14:05

Lab Code: J033736-12 **Date/Time Sampled:** 7/2/2003 09:52

Client Sample ID: MWB-21S **SampleType:**

Site: Monitoring Well **Sampled By:** DSA/BR

Matrix: Water **Shipping Method:** Client drop off

Appendix I Volatile Organic Compunds

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,1,1,2-Tetrachloroethane	1		1.1	**0.27**	ug/L	U	SW8260B		J
1,1,1-Trichloroethane	1		1.6	**0.39**	ug/L	U	SW8260B		J
1,1,2,2-Tetrachloroethane	1		0.76	**0.19**	ug/L	U	SW8260B		J
1,1,2-Trichloroethane	1		1.4	**0.34**	ug/L	U	SW8260B		J
1,1-Dichloroethane	1		1.4	**0.36**	ug/L	U	SW8260B		J
1,1-Dichloroethene	1		2.0	**0.50**	ug/L	U	SW8260B		J
1,2,3-Trichloropropane	1		1.3	**0.33**	ug/L	U	SW8260B		J
1,2-Dibromo-3-chloropropane	1		2.2	**0.55**	ug/L	U	SW8260B		J
1,2-Dibromoethane	1		0.80	**0.25**	ug/L	U	SW8260B		J
1,2-Dichlorobenzene	1		1.1	**0.28**	ug/L	U	SW8260B		J
1,2-Dichloroethane	1		1.4	**0.36**	ug/L	U	SW8260B		J
1,2-Dichloropropane	1		1.2	**0.30**	ug/L	U	SW8260B		J
1,3-Dichloropropene (Total)	1		2.1	**0.52**	ug/L	U	SW8260B		J
1,4-Dichlorobenzene	1		1.2	**0.30**	ug/L	U	SW8260B		J
2-Hexanone (MBK)	1		1.1	**0.27**	ug/L	U	SW8260B		J
4-Methyl-2-pentanone (MIBK)	1		1.4	**0.35**	ug/L	U	SW8260B		J
Acetone	1		2.8	**3.1**	ug/L		SW8260B	AIC	J
Acrylonitrile	1		6.2	**1.6**	ug/L	U	SW8260B		J
Benzene	1		1.2	**0.30**	ug/L	U	SW8260B		J
Bromochloromethane	1		1.6	**0.39**	ug/L	U	SW8260B		J
Bromodichloromethane	1		1.2	**0.29**	ug/L	U	SW8260B		J
Bromoform	1		1.0	**0.25**	ug/L	U	SW8260B	AIC	J
Bromomethane	1		1.9	**0.47**	ug/L	U	SW8260B		J
Carbon Disulfide	1		1.6	**0.41**	ug/L	U	SW8260B		J
Carbon Tetrachloride	1		1.6	**0.39**	ug/L	U	SW8260B		J
Chlorobenzene	1		1.2	**0.31**	ug/L	U	SW8260B		J
Chloroethane	1		2.5	**0.47**	ug/L	U	SW8260B	AIC	J
Chloroform	1		1.6	**0.41**	ug/L	U	SW8260B		J
Chloromethane	1		1.7	**0.43**	ug/L	U	SW8260B		J
Cis-1,2-dichloroethene	1		1.3	**0.39**	ug/L	U	SW8260B		J
Cis-1,3-dichloropropene	1		1.1	**0.27**	ug/L	U	SW8260B		J
Dibromochloromethane	1		1.0	**0.25**	ug/L	U	SW8260B		J
Dibromomethane	1		1.4	**0.34**	ug/L	U	SW8260B		J
Ethylbenzene	1		1.1	**0.27**	ug/L	U	SW8260B		J
Iodomethane	1		1.6	**0.40**	ug/L	U	SW8260B	AIC	J
Methyl ethyl ketone	1		1.0	**0.25**	ug/L	U	SW8260B		J
Methylene Chloride	1		0.84	**0.21**	ug/L	U	SW8260B		J
Styrene	1		1.0	**0.25**	ug/L	U	SW8260B		J
Tetrachloroethene	1		1.7	**0.43**	ug/L	U	SW8260B		J
Toluene	1		1.2	**1.9**	ug/L		SW8260B		J
Trans-1,2-dichloroethene	1		2.0	**0.50**	ug/L	U	SW8260B		J
Trans-1,3-dichloropropene	1		1.0	**0.25**	ug/L	U	SW8260B		J
Trans-1,4-dichloro-2-butene	1		2.1	**0.52**	ug/L	U	SW8260B		J
Trichloroethene	1		1.7	**0.43**	ug/L	U	SW8260B		J
Trichlorofluoromethane	1		2.0	**0.50**	ug/L	U	SW8260B		J

Vinyl Acetate	1		1.2	**0.31**	ug/L	U	SW8260B	J
Vinyl Chloride	1		2.0	**0.49**	ug/L	U	SW8260B	J
Xylenes (Total)	1		3.4	**0.86**	ug/L	U	SW8260B	J

Ethylene Dibromide

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,2-Dibromo-3-chloropropane	1	0.0034	0.014	**0.0034**	ug/L	U	E504.1		J
Ethylene Dibromide	1	0.0069	0.028	**0.0069**	ug/L	U	E504.1		J

Field Parameters

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Color/Sheen	1		0	**None**			Field		
Conductivity	1		0.40	**64**	µmhos/cm		Field		
Dissolved Oxygen	1		4.0	**0.80**	mg/L O2		Field		
pH (Field)	1		0	**5.13**	pH Units		Field		
Temperature	1		0	**22**	°C		Field		
Turbidity	1		4.0	**4.6**	NTU		Field		

Miscellaneous Analytes

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Ammonia (as N)	1		0.077	**0.27**	mg/L		E350.1		T
Nitrate (as N)	1		0.53	**0.13**	mg/L	U	SM4500NO3-F		J
Total Chlorides	1		10	**5.5**	mg/L		E325.2		
Total Dissolved Solids	1		40	**51**	mg/L		E160.1		J

Total Metals

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic	1		0.0064	**0.0016**	mg/L	U	SW6010B		J
Barium	1		0.0030	**0.015**	mg/L		SW6010B		J
Beryllium	1		0.00024	**0.000059**	mg/L	U	SW6010B		J
Cadmium	1		0.0014	**0.00036**	mg/L	U	SW6010B		J
Chromium	1		0.0040	**0.0010**	mg/L	U	SW6010B		J
Cobalt	1		0.0010	**0.00053**	mg/L	i	SW6010B		J
Copper	1		0.0044	**0.0011**	mg/L	U	SW6010B		J
Iron	1		0.076	**0.53**	mg/L		SW6010B		J
* Lead	1		0.0036	**0.00091**	mg/L	U	SW6010B		J
* Nickel	1		0.0034	**0.00085**	mg/L	U	SW6010B		J
* Selenium	1		0.0088	**0.0022**	mg/L	U	SW6010B		J
Silver	1		0.00068	**0.00017**	mg/L	U	SW6010B		J
Sodium	1		0.20	**3.3**	mg/L		SW6010B		J
Vanadium	1		0.00064	**0.00041**	mg/L	i	SW6010B		J
* Zinc	1		0.010	**0.0094**	mg/L	i	SW6010B		J

Total Metals (Hg)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury	1		0.000072	**0.000018**	mg/L	U	SW7470A		J

Total Metals (Sb)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Antimony	1		0.014	**0.0034**	mg/L	U	SW7041A		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033736

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 14:05

Total Metals (Tl)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium	1		0.0039	**0.00098**	mg/L	U	SW7841		J

Surrogates:	Control Limits	% Recovery	Qual.	Method	Analysis Date	Prep Method	Prep Date	Analys
Tetrachloro-m-xylene	30 - 120	75		E504.1	7/4/2003	METHOD	7/3/2003 11:00:0	MP
1,2-Dichloroethane-d4	80 - 120	110		SW8260B	7/7/2003	SW5030B	7/7/2003 12:57:0	JA
4-Bromofluorobenzene	86 - 115	118	J4	SW8260B	7/7/2003	SW5030B	7/7/2003 12:57:0	JA
Toluene d(8)	88 - 110	108		SW8260B	7/7/2003	SW5030B	7/7/2003 12:57:0	JA

AIC Alternate initial calibration criteria used (mean RSD <15%)

i The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

J4 The sample matrix interfered with the ability to make an accurate determination.

U The compound was analyzed for but not detected.

J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)

T DOH certification #E84589, Compqap #980174 (AEL-Tampa)

* Comment for Lead – Analyzed 07-08-03 15:56 due to reanalysis.

* Comment for Nickel – Analyzed 07-07-03 16:37 due to reanalysis.

* Comment for Selenium – Analyzed 07-07-03 16:37 due to reanalysis.

* Comment for Zinc – Analyzed 07-07-03 due to reanalysis.

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033736

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 14:05

Lab Code: J033736-13 **Date/Time Sampled:** 7/2/2003 10:25

Client Sample ID: MWB-22S **SampleType:**

Site: Monitoring Well **Sampled By:** DSA/BR

Matrix: Water **Shipping Method:** Client drop off

Appendix I Volatile Organic Compunds

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,1,1,2-Tetrachloroethane	1		1.1	**0.27**	ug/L	U	SW8260B		J
1,1,1-Trichloroethane	1		1.6	**0.39**	ug/L	U	SW8260B		J
1,1,2,2-Tetrachloroethane	1		0.76	**0.19**	ug/L	U	SW8260B		J
1,1,2-Trichloroethane	1		1.4	**0.34**	ug/L	U	SW8260B		J
1,1-Dichloroethane	1		1.4	**0.36**	ug/L	U	SW8260B		J
1,1-Dichloroethene	1		2.0	**0.50**	ug/L	U	SW8260B		J
1,2,3-Trichloropropane	1		1.3	**0.33**	ug/L	U	SW8260B		J
1,2-Dibromo-3-chloropropane	1		2.2	**0.55**	ug/L	U	SW8260B		J
1,2-Dibromoethane	1		0.80	**0.25**	ug/L	U	SW8260B		J
1,2-Dichlorobenzene	1		1.1	**0.28**	ug/L	U	SW8260B		J
1,2-Dichloroethane	1		1.4	**0.36**	ug/L	U	SW8260B		J
1,2-Dichloropropane	1		1.2	**0.30**	ug/L	U	SW8260B		J
1,3-Dichloropropene (Total)	1		2.1	**0.52**	ug/L	U	SW8260B		J
1,4-Dichlorobenzene	1		1.2	**0.30**	ug/L	U	SW8260B		J
2-Hexanone (MBK)	1		1.1	**0.27**	ug/L	U	SW8260B		J
4-Methyl-2-pentanone (MIBK)	1		1.4	**0.35**	ug/L	U	SW8260B		J
Acetone	1		2.8	**2.2**	ug/L	i	SW8260B	AIC	J
Acrylonitrile	1		6.2	**1.6**	ug/L	U	SW8260B		J
Benzene	1		1.2	**0.30**	ug/L	U	SW8260B		J
Bromochloromethane	1		1.6	**0.39**	ug/L	U	SW8260B		J
Bromodichloromethane	1		1.2	**0.29**	ug/L	U	SW8260B		J
Bromoform	1		1.0	**0.25**	ug/L	U	SW8260B	AIC	J
Bromomethane	1		1.9	**0.47**	ug/L	U	SW8260B		J
Carbon Disulfide	1		1.6	**0.41**	ug/L	U	SW8260B		J
Carbon Tetrachloride	1		1.6	**0.39**	ug/L	U	SW8260B		J
Chlorobenzene	1		1.2	**0.31**	ug/L	U	SW8260B		J
Chloroethane	1		2.5	**0.47**	ug/L	U	SW8260B	AIC	J
Chloroform	1		1.6	**0.41**	ug/L	U	SW8260B		J
Chloromethane	1		1.7	**0.43**	ug/L	U	SW8260B		J
Cis-1,2-dichloroethene	1		1.3	**0.39**	ug/L	U	SW8260B		J
Cis-1,3-dichloropropene	1		1.1	**0.27**	ug/L	U	SW8260B		J
Dibromochloromethane	1		1.0	**0.25**	ug/L	U	SW8260B		J
Dibromomethane	1		1.4	**0.34**	ug/L	U	SW8260B		J
Ethylbenzene	1		1.1	**0.27**	ug/L	U	SW8260B		J
Iodomethane	1		1.6	**0.40**	ug/L	U	SW8260B	AIC	J
Methyl ethyl ketone	1		1.0	**0.25**	ug/L	U	SW8260B		J
Methylene Chloride	1		0.84	**0.21**	ug/L	U	SW8260B		J
Styrene	1		1.0	**0.25**	ug/L	U	SW8260B		J
Tetrachloroethene	1		1.7	**0.43**	ug/L	U	SW8260B		J
Toluene	1		1.2	**0.29**	ug/L	U	SW8260B		J
Trans-1,2-dichloroethene	1		2.0	**0.50**	ug/L	U	SW8260B		J
Trans-1,3-dichloropropene	1		1.0	**0.25**	ug/L	U	SW8260B		J
Trans-1,4-dichloro-2-butene	1		2.1	**0.52**	ug/L	U	SW8260B		J
Trichloroethene	1		1.7	**0.43**	ug/L	U	SW8260B		J
Trichlorofluoromethane	1		2.0	**0.50**	ug/L	U	SW8260B		J

Vinyl Acetate	1		1.2	**0.31**	ug/L	U	SW8260B	J
Vinyl Chloride	1		2.0	**0.49**	ug/L	U	SW8260B	J
Xylenes (Total)	1		3.4	**0.86**	ug/L	U	SW8260B	J

Ethylene Dibromide

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,2-Dibromo-3-chloropropane	1	0.0034	0.014	**0.0034**	ug/L	U	E504.1		J
Ethylene Dibromide	1	0.0069	0.028	**0.0069**	ug/L	U	E504.1		J

Field Parameters

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Color/Sheen	1		0	**None**			Field		
Conductivity	1		0.40	**140**	µmhos/cm		Field		
Dissolved Oxygen	1		4.0	**0.90**	mg/L O2		Field		
pH (Field)	1		0	**5.62**	pH Units		Field		
Temperature	1		0	**24**	°C		Field		
Turbidity	1		4.0	**4.6**	NTU		Field		

Miscellaneous Analytes

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Ammonia (as N)	1		0.077	**0.18**	mg/L		E350.1		T
Nitrate (as N)	1		0.53	**0.13**	mg/L	U	SM4500NO3-F		J
Total Chlorides	1		10	**9.0**	mg/L		E325.2		J
Total Dissolved Solids	1		40	**95**	mg/L		E160.1		J

Total Metals

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic	1		0.0064	**0.0016**	mg/L	U	SW6010B		J
Barium	1		0.0030	**0.0050**	mg/L		SW6010B		J
Beryllium	1		0.00024	**0.000059**	mg/L	U	SW6010B		J
Cadmium	1		0.0014	**0.00039**	mg/L	i	SW6010B		J
Chromium	1		0.0040	**0.0010**	mg/L	i	SW6010B		J
Cobalt	1		0.0010	**0.00052**	mg/L	i	SW6010B		J
Copper	1		0.0044	**0.0011**	mg/L	U	SW6010B		J
Iron	1		0.076	**0.11**	mg/L		SW6010B		J
Lead	1		0.0036	**0.00091**	mg/L	U	SW6010B		J
Nickel	1		0.0034	**0.00085**	mg/L	U	SW6010B		J
Selenium	1		0.0088	**0.0022**	mg/L	U	SW6010B		J
Silver	1		0.00068	**0.00017**	mg/L	U	SW6010B		J
Sodium	1		0.20	**3.0**	mg/L		SW6010B		J
Vanadium	1		0.00064	**0.0033**	mg/L		SW6010B		J
Zinc	1		0.010	**0.0025**	mg/L	U	SW6010B		J

Total Metals (Hg)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury	1		0.000072	**0.000018**	mg/L	U	SW7470A		J

Total Metals (Sb)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Antimony	1		0.014	**0.0034**	mg/L	U	SW7041A		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033736

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 14:05

Total Metals (Tl)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium	1		0.0039	**0.00098**	mg/L	U	SW7841		J

Surrogates:	Control Limits	% Recovery	Qual.	Method	Analysis Date	Prep Method	Prep Date	Analys
Tetrachloro-m-xylene	30 - 120	102		E504.1	7/4/2003	METHOD	7/3/2003 11:00:0	MP
1,2-Dichloroethane-d4	80 - 120	110		SW8260B	7/7/2003	SW5030B	7/7/2003 12:57:0	JA
4-Bromofluorobenzene	86 - 115	120	J4	SW8260B	7/7/2003	SW5030B	7/7/2003 12:57:0	JA
Toluene d(8)	88 - 110	106		SW8260B	7/7/2003	SW5030B	7/7/2003 12:57:0	JA

AIC Alternate initial calibration criteria used (mean RSD <15%)

i The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

J4 The sample matrix interfered with the ability to make an accurate determination.

U The compound was analyzed for but not detected.

J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)

T DOH certification #E84589, Compqap #980174 (AEL-Tampa)

* Comment for Selenium -- Analyzed 07-07-03 16:37 due to reanalysis.

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033736

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 14:05

Lab Code: J033736-14 **Date/Time Sampled:** 7/2/2003 10:40

Client Sample ID: EB **SampleType:**

Site: Equipment Blank **Sampled By:** DSA/BR

Matrix: Water **Shipping Method:** Client drop off

Appendix I Volatile Organic Compunds

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,1,1,2-Tetrachloroethane	1		1.1	**0.27**	ug/L	U	SW8260B		J
1,1,1-Trichloroethane	1		1.6	**0.39**	ug/L	U	SW8260B		J
1,1,2,2-Tetrachloroethane	1		0.76	**0.19**	ug/L	U	SW8260B		J
1,1,2-Trichloroethane	1		1.4	**0.34**	ug/L	U	SW8260B		J
1,1-Dichloroethane	1		1.4	**0.36**	ug/L	U	SW8260B		J
1,1-Dichloroethene	1		2.0	**0.50**	ug/L	U	SW8260B		J
1,2,3-Trichloropropane	1		1.3	**0.33**	ug/L	U	SW8260B		J
1,2-Dibromo-3-chloropropane	1		2.2	**0.55**	ug/L	U	SW8260B		J
1,2-Dibromoethane	1		0.80	**0.25**	ug/L	U	SW8260B		J
1,2-Dichlorobenzene	1		1.1	**0.28**	ug/L	U	SW8260B		J
1,2-Dichloroethane	1		1.4	**0.36**	ug/L	U	SW8260B		J
1,2-Dichloropropane	1		1.2	**0.30**	ug/L	U	SW8260B		J
1,3-Dichloropropene (Total)	1		2.1	**0.52**	ug/L	U	SW8260B		J
1,4-Dichlorobenzene	1		1.2	**0.30**	ug/L	U	SW8260B		J
2-Hexanone (MBK)	1		1.1	**0.27**	ug/L	U	SW8260B		J
4-Methyl-2-pentanone (MIBK)	1		1.4	**0.35**	ug/L	U	SW8260B		J
Acetone	1		2.8	**2.9**	ug/L		SW8260B	AIC	J
Acrylonitrile	1		6.2	**1.6**	ug/L	U	SW8260B		J
Benzene	1		1.2	**0.30**	ug/L	U	SW8260B		J
Bromochloromethane	1		1.6	**0.39**	ug/L	U	SW8260B		J
Bromodichloromethane	1		1.2	**0.29**	ug/L	U	SW8260B		J
Bromoform	1		1.0	**0.25**	ug/L	U	SW8260B	AIC	J
Bromomethane	1		1.9	**0.47**	ug/L	U	SW8260B		J
Carbon Disulfide	1		1.6	**0.41**	ug/L	U	SW8260B		J
Carbon Tetrachloride	1		1.6	**0.39**	ug/L	U	SW8260B		J
Chlorobenzene	1		1.2	**0.31**	ug/L	U	SW8260B		J
Chloroethane	1		2.5	**0.47**	ug/L	U	SW8260B	AIC	J
Chloroform	1		1.6	**0.41**	ug/L	U	SW8260B		J
Chloromethane	1		1.7	**0.43**	ug/L	U	SW8260B		J
Cis-1,2-dichloroethene	1		1.3	**0.39**	ug/L	U	SW8260B		J
Cis-1,3-dichloropropene	1		1.1	**0.27**	ug/L	U	SW8260B		J
Dibromochloromethane	1		1.0	**0.25**	ug/L	U	SW8260B		J
Dibromomethane	1		1.4	**0.34**	ug/L	U	SW8260B		J
Ethylbenzene	1		1.1	**0.27**	ug/L	U	SW8260B		J
Iodomethane	1		1.6	**0.40**	ug/L	U	SW8260B	AIC	J
Methyl ethyl ketone	1		1.0	**0.25**	ug/L	U	SW8260B		J
Methylene Chloride	1		0.84	**0.21**	ug/L	U	SW8260B		J
Styrene	1		1.0	**0.25**	ug/L	U	SW8260B		J
Tetrachloroethene	1		1.7	**0.43**	ug/L	U	SW8260B		J
Toluene	1		1.2	**0.51**	ug/L	i	SW8260B		J
Trans-1,2-dichloroethene	1		2.0	**0.50**	ug/L	U	SW8260B		J
Trans-1,3-dichloropropene	1		1.0	**0.25**	ug/L	U	SW8260B		J
Trans-1,4-dichloro-2-butene	1		2.1	**0.52**	ug/L	U	SW8260B		J
Trichloroethene	1		1.7	**0.43**	ug/L	U	SW8260B		J
Trichlorofluoromethane	1		2.0	**0.50**	ug/L	U	SW8260B		J

Vinyl Acetate	1		1.2	**0.31**	ug/L	U	SW8260B	J
Vinyl Chloride	1		2.0	**0.49**	ug/L	U	SW8260B	J
Xylenes (Total)	1		3.4	**0.86**	ug/L	U	SW8260B	J

Ethylene Dibromide

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,2-Dibromo-3-chloropropane	1	0.0034	0.014	**0.0034**	ug/L	U	E504.1		J
Ethylene Dibromide	1	0.0069	0.028	**0.0069**	ug/L	U	E504.1		J

Miscellaneous Analytes

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Ammonia (as N)	1		0.077	**0.020**	mg/L	U , J4	E350.1		T
Nitrate (as N)	1		0.53	**0.13**	mg/L	U	SM4500NO3-F		J
Total Chlorides	1		10	**0.50**	mg/L	U	E325.2		J
Total Dissolved Solids	1		40	**10**	mg/L	U	E160.1		J

Total Metals

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic	1		0.0064	**0.0016**	mg/L	U	SW6010B		J
Barium	1		0.0030	**0.00076**	mg/L	U	SW6010B		J
Beryllium	1		0.00024	**0.000059**	mg/L	U	SW6010B		J
Cadmium	1		0.0014	**0.00036**	mg/L	U	SW6010B		J
Chromium	1		0.0040	**0.0010**	mg/L	U	SW6010B		J
Cobalt	1		0.0010	**0.00025**	mg/L	U	SW6010B		J
Copper	1		0.0044	**0.0011**	mg/L	U	SW6010B		J
Iron	1		0.076	**0.019**	mg/L	U	SW6010B		J
* Lead	1		0.0036	**0.00091**	mg/L	U	SW6010B		J
Nickel	1		0.0034	**0.00085**	mg/L	U	SW6010B		J
* Selenium	1		0.0088	**0.0022**	mg/L	U	SW6010B		J
* Silver	1		0.00068	**0.00048**	mg/L	i	SW6010B		J
Sodium	1		0.20	**0.049**	mg/L	U	SW6010B		J
Vanadium	1		0.00064	**0.00016**	mg/L	U	SW6010B		J
Zinc	1		0.010	**0.0025**	mg/L	U	SW6010B		J

Total Metals (Hg)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury	1		0.000072	**0.000018**	mg/L	U	SW7470A		J

Total Metals (Sb)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Antimony	1		0.014	**0.0034**	mg/L	U	SW7041A		J

Total Metals (Tl)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium	1		0.0039	**0.00098**	mg/L	U	SW7841		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033736

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 14:05

Surrogates:	Control Limits	% Recovery	Qual.	Method	Analysis Date	Prep Method	Prep Date	Analys
Tetrachloro-m-xylene	30 - 120	120		E504.1	7/4/2003	METHOD	7/3/2003 11:00:0	MP
1,2-Dichloroethane-d4	80 - 120	110		SW8260B	7/7/2003	SW5030B	7/7/2003 12:57:0	JA
4-Bromofluorobenzene	86 - 115	120	J4	SW8260B	7/7/2003	SW5030B	7/7/2003 12:57:0	JA
Toluene d(8)	88 - 110	106		SW8260B	7/7/2003	SW5030B	7/7/2003 12:57:0	JA

AIC Alternate initial calibration criteria used (mean RSD <15%)

i The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

J4 The sample matrix interfered with the ability to make an accurate determination.

U The compound was analyzed for but not detected.

J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)

T DOH certification #E84589, Compqap #980174 (AEL-Tampa)

* Comment for Lead – Analyzed 07-08-03 15:56 due to reanalysis.

* Comment for Selenium – Analyzed 07-07-03 16:37 due to reanalysis.

* Comment for Silver – Analyzed 07-07-03 due to reanalysis.

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc.
Project Name: Trail Ridge GW

Report No.: J033736
Date/Time Received: 7/2/03 14:05

Lab Code: J033736-15
Client Sample ID: FB
Site: Field Blank
Matrix: Water

Date/Time Sampled: 7/2/2003 10:50
SampleType:
Sampled By: DSA/BR
Shipping Method: Client drop off

Appendix I Volatile Organic Compunds

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,1,1,2-Tetrachloroethane	1		1.1	0.27	ug/L	U	SW8260B		J
1,1,1-Trichloroethane	1		1.6	0.39	ug/L	U	SW8260B		J
1,1,2,2-Tetrachloroethane	1		0.76	0.19	ug/L	U	SW8260B		J
1,1,2-Trichloroethane	1		1.4	0.34	ug/L	U	SW8260B		J
1,1-Dichloroethane	1		1.4	0.36	ug/L	U	SW8260B		J
1,1-Dichloroethene	1		2.0	0.50	ug/L	U	SW8260B		J
1,2,3-Trichloropropane	1		1.3	0.33	ug/L	U	SW8260B		J
1,2-Dibromo-3-chloropropane	1		2.2	0.55	ug/L	U	SW8260B		J
1,2-Dibromoethane	1		0.80	0.25	ug/L	U	SW8260B		J
1,2-Dichlorobenzene	1		1.1	0.28	ug/L	U	SW8260B		J
1,2-Dichloroethane	1		1.4	0.36	ug/L	U	SW8260B		J
1,2-Dichloropropane	1		1.2	0.30	ug/L	U	SW8260B		J
1,3-Dichloropropene (Total)	1		2.1	0.52	ug/L	U	SW8260B		J
1,4-Dichlorobenzene	1		1.2	0.30	ug/L	U	SW8260B		J
2-Hexanone (MBK)	1		1.1	0.27	ug/L	U	SW8260B		J
4-Methyl-2-pentanone (MIBK)	1		1.4	0.35	ug/L	U	SW8260B		J
Acetone	1		2.8	3.6	ug/L		SW8260B	AIC	J
Acrylonitrile	1		6.2	1.6	ug/L	U	SW8260B		J
Benzene	1		1.2	0.30	ug/L	U	SW8260B		J
Bromochloromethane	1		1.6	0.39	ug/L	U	SW8260B		J
Bromodichloromethane	1		1.2	0.29	ug/L	U	SW8260B		J
Bromoform	1		1.0	0.25	ug/L	U	SW8260B	AIC	J
Bromomethane	1		1.9	0.47	ug/L	U	SW8260B		J
Carbon Disulfide	1		1.6	0.41	ug/L	U	SW8260B		J
Carbon Tetrachloride	1		1.6	0.39	ug/L	U	SW8260B		J
Chlorobenzene	1		1.2	0.31	ug/L	U	SW8260B		J
Chloroethane	1		2.5	0.47	ug/L	U	SW8260B	AIC	J
Chloroform	1		1.6	0.41	ug/L	U	SW8260B		J
Chloromethane	1		1.7	0.43	ug/L	U	SW8260B		J
Cis-1,2-dichloroethene	1		1.3	0.39	ug/L	U	SW8260B		J
Cis-1,3-dichloropropene	1		1.1	0.27	ug/L	U	SW8260B		J
Dibromochloromethane	1		1.0	0.25	ug/L	U	SW8260B		J
Dibromomethane	1		1.4	0.34	ug/L	U	SW8260B		J
Ethylbenzene	1		1.1	0.27	ug/L	U	SW8260B		J
Iodomethane	1		1.6	0.40	ug/L	U	SW8260B	AIC	J
Methyl ethyl ketone	1		1.0	2.7	ug/L		SW8260B		J
Methylene Chloride	1		0.84	0.21	ug/L	U	SW8260B		J
Styrene	1		1.0	0.25	ug/L	U	SW8260B		J
Tetrachloroethene	1		1.7	0.43	ug/L	U	SW8260B		J
Toluene	1		1.2	0.54	ug/L	i	SW8260B		J
Trans-1,2-dichloroethene	1		2.0	0.50	ug/L	U	SW8260B		J
Trans-1,3-dichloropropene	1		1.0	0.25	ug/L	U	SW8260B		J
Trans-1,4-dichloro-2-butene	1		2.1	0.52	ug/L	U	SW8260B		J
Trichloroethene	1		1.7	0.43	ug/L	U	SW8260B		J
Trichlorofluoromethane	1		2.0	0.50	ug/L	U	SW8260B		J

Client: Trail Rdge Landfill,Inc. **Report No.:** J033736

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 14:05

Vinyl Acetate	1		1.2	**0.31**	ug/L	U	SW8260B	J
Vinyl Chloride	1		2.0	**0.49**	ug/L	U	SW8260B	J
Xylenes (Total)	1		3.4	**0.86**	ug/L	U	SW8260B	J

Ethylene Dibromide

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,2-Dibromo-3-chloropropane	1	0.0034	0.014	**0.0034**	ug/L	U	E504.1		J
Ethylene Dibromide	1	0.0069	0.028	**0.0069**	ug/L	U	E504.1		J

Miscellaneous Analytes

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Ammonia (as N)	1		0.077	**0.14**	mg/L		E350.1		T
Nitrate (as N)	1		0.53	**0.13**	mg/L	U	SM4500NO3-F		J
Total Chlorides	1		10	**0.50**	mg/L	U	E325.2		J
Total Dissolved Solids	1		40	**10**	mg/L	U	E160.1		J

Total Metals

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic	1		0.0064	**0.0016**	mg/L	U	SW6010B		J
Barium	1		0.0030	**0.00076**	mg/L	U	SW6010B		J
Beryllium	1		0.00024	**0.000059**	mg/L	U	SW6010B		J
Cadmium	1		0.0014	**0.00036**	mg/L	U	SW6010B		J
Chromium	1		0.0040	**0.0010**	mg/L	U	SW6010B		J
Cobalt	1		0.0010	**0.00025**	mg/L	U	SW6010B		J
Copper	1		0.0044	**0.0011**	mg/L	U	SW6010B		J
Iron	1		0.076	**0.019**	mg/L	U	SW6010B		J
* Lead	1		0.0036	**0.0014**	mg/L	i	SW6010B		J
Nickel	1		0.0034	**0.00085**	mg/L	U	SW6010B		J
* Selenium	1		0.0088	**0.0022**	mg/L	U	SW6010B		J
Silver	1		0.00068	**0.00017**	mg/L	U	SW6010B		J
* Sodium	1		0.20	**0.049**	mg/L	U	SW6010B		J
Vanadium	1		0.00064	**0.00016**	mg/L	U	SW6010B		J
Zinc	1		0.010	**0.0025**	mg/L	U	SW6010B		J

Total Metals (Hg)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury	1		0.000072	**0.000018**	mg/L	U	SW7470A		J

Total Metals (Sb)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Antimony	1		0.014	**0.0034**	mg/L	U	SW7041A		J

Total Metals (Tl)

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium	1		0.0039	**0.00098**	mg/L	U	SW7841		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033736

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 14:05

Surrogates:	Control Limits	% Recovery	Qual.	Method	Analysis Date	Prep Method	Prep Date	Analys
Tetrachloro-m-xylene	30 - 120	111		E504.1	7/4/2003	METHOD	7/3/2003 11:00:0	MP
1,2-Dichloroethane-d4	80 - 120	108		SW8260B	7/7/2003	SW5030B	7/7/2003 12:57:0	JA
4-Bromofluorobenzene	86 - 115	116	J4	SW8260B	7/7/2003	SW5030B	7/7/2003 12:57:0	JA
Toluene d(8)	88 - 110	106		SW8260B	7/7/2003	SW5030B	7/7/2003 12:57:0	JA

AIC Alternate initial calibration criteria used (mean RSD <15%)

i The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

J4 The sample matrix interfered with the ability to make an accurate determination.

U The compound was analyzed for but not detected.

J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)

T DOH certification #E84589, Compqap #980174 (AEL-Tampa)

* Comment for Lead – Analyzed 07-09-03 due to reanalysis.

* Comment for Selenium – Analyzed 07-09-03 due to reanalysis.

* Comment for Sodium – Analyzed 07-09-03 due to reanalysis.

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033736

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 14:05

Lab Code: J033736-16 **Date/Time Sampled:** 7/2/2003

Client Sample ID: TB **SampleType:**

Site: Trip Blank **Sampled By:** DSA/BR

Matrix: Water **Shipping Method:** Client drop off

Appendix I Volatile Organic Compunds

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,1,1,2-Tetrachloroethane	1		1.1	0.27	ug/L	U	SW8260B		J
1,1,1-Trichloroethane	1		1.6	0.39	ug/L	U	SW8260B		J
1,1,2,2-Tetrachloroethane	1		0.76	0.19	ug/L	U	SW8260B		J
1,1,2-Trichloroethane	1		1.4	0.34	ug/L	U	SW8260B		J
1,1-Dichloroethane	1		1.4	0.36	ug/L	U	SW8260B		J
1,1-Dichloroethene	1		2.0	0.50	ug/L	U	SW8260B		J
1,2,3-Trichloropropane	1		1.3	0.33	ug/L	U	SW8260B		J
1,2-Dibromo-3-chloropropane	1		2.2	0.55	ug/L	U	SW8260B		J
1,2-Dibromoethane	1		0.80	0.25	ug/L	U	SW8260B		J
1,2-Dichlorobenzene	1		1.1	0.28	ug/L	U	SW8260B		J
1,2-Dichloroethane	1		1.4	0.36	ug/L	U	SW8260B		J
1,2-Dichloropropane	1		1.2	0.30	ug/L	U	SW8260B		J
1,3-Dichloropropene (Total)	1		2.1	0.52	ug/L	U	SW8260B		J
1,4-Dichlorobenzene	1		1.2	0.30	ug/L	U	SW8260B		J
2-Hexanone (MBK)	1		1.1	0.27	ug/L	U	SW8260B		J
4-Methyl-2-pentanone (MIBK)	1		1.4	0.35	ug/L	U	SW8260B		J
Acetone	1		2.8	2.0	ug/L	i	SW8260B	AIC	J
Acrylonitrile	1		6.2	1.6	ug/L	U	SW8260B		J
Benzene	1		1.2	0.30	ug/L	U	SW8260B		J
Bromochloromethane	1		1.6	0.39	ug/L	U	SW8260B		J
Bromodichloromethane	1		1.2	0.29	ug/L	U	SW8260B		J
Bromoform	1		1.0	0.25	ug/L	U	SW8260B	AIC	J
Bromomethane	1		1.9	0.47	ug/L	U	SW8260B		J
Carbon Disulfide	1		1.6	0.41	ug/L	U	SW8260B		J
Carbon Tetrachloride	1		1.6	0.39	ug/L	U	SW8260B		J
Chlorobenzene	1		1.2	0.31	ug/L	U	SW8260B		J
Chloroethane	1		2.5	0.47	ug/L	U	SW8260B	AIC	J
Chloroform	1		1.6	0.41	ug/L	U	SW8260B		J
Chloromethane	1		1.7	0.43	ug/L	U	SW8260B		J
Cis-1,2-dichloroethene	1		1.3	0.39	ug/L	U	SW8260B		J
Cis-1,3-dichloropropene	1		1.1	0.27	ug/L	U	SW8260B		J
Dibromochloromethane	1		1.0	0.25	ug/L	U	SW8260B		J
Dibromomethane	1		1.4	0.34	ug/L	U	SW8260B		J
Ethylbenzene	1		1.1	0.27	ug/L	U	SW8260B		J
Iodomethane	1		1.6	0.40	ug/L	U	SW8260B	AIC	J
Methyl ethyl ketone	1		1.0	0.25	ug/L	U	SW8260B		J
Methylene Chloride	1		0.84	0.38	ug/L	i , V	SW8260B		J
Styrene	1		1.0	0.25	ug/L	U	SW8260B		J
Tetrachloroethene	1		1.7	0.43	ug/L	U	SW8260B		J
Toluene	1		1.2	0.29	ug/L	U	SW8260B		J
Trans-1,2-dichloroethene	1		2.0	0.50	ug/L	U	SW8260B		J
Trans-1,3-dichloropropene	1		1.0	0.25	ug/L	U	SW8260B		J
Trans-1,4-dichloro-2-butene	1		2.1	0.52	ug/L	U	SW8260B		J
Trichloroethene	1		1.7	0.43	ug/L	U	SW8260B		J
Trichlorofluoromethane	1		2.0	0.50	ug/L	U	SW8260B		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033736

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 14:05

Vinyl Acetate	1	1.2	**0.31**	ug/L	U	SW8260B	J
Vinyl Chloride	1	2.0	**0.49**	ug/L	U	SW8260B	J
Xylenes (Total)	1	3.4	**0.86**	ug/L	U	SW8260B	J

Surrogates:	Control Limits	% Recovery	Qual.	Method	Analysis Date	Prep Method	Prep Date	Analys
1,2-Dichloroethane-d4	80 - 120	106		SW8260B	7/7/2003	SW5030B	7/7/2003 12:57:0	JA
4-Bromofluorobenzene	86 - 115	120	J4	SW8260B	7/7/2003	SW5030B	7/7/2003 12:57:0	JA
Toluene d(8)	88 - 110	106		SW8260B	7/7/2003	SW5030B	7/7/2003 12:57:0	JA

AIC Alternate initial calibration criteria used (mean RSD <15%)

i The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

J4 The sample matrix interfered with the ability to make an accurate determination.

U The compound was analyzed for but not detected.

V Indicates that the analyte was detected in both the sample and the associated method blank.

J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033736

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 14:05

Sample Cross Reference Information

Lab Code: J033736-01 **SampleType:** **Site: Monitoring Well**

Client Sample Number: MWB-33S **Matrix: Water**

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time	Analyst	Prep Batch ID	Prep Date/Time
Ammonia (as N)	E350.1	NONE	wct070803nh34	7/8/2003 13:15	DLS		
Appendix I Volatile Organic Compunds	SW8260B	SW5030B	v070703a	7/7/2003 12:57	JA	v070703a	7/7/2003 12:57:0
Ethylene Dibromide	E504.1	METHOD	sv070403f-edb	7/4/2003 15:31	MP	SV070303-Eth	7/3/2003 11:00:0
Nitrate (as N)	SM4500NO3-F	NONE	WCJ-070303-NITR	7/3/2003 10:55	KDC		
Total Chlorides	E325.2	NONE	WCJ-070803-CL	7/8/2003 09:51	KDC		
Total Dissolved Solids	E160.1	NONE	WCJ-070803-TDS3	7/8/2003 14:30	AGF		
Total Metals	SW6010B	SW3010A	M070303-3010 #2	7/3/2003 23:31	KC	M070303-3010 #2	7/3/2003 09:15:0
Total Metals (Hg)	SW7470A	METHOD	M070803-HG #3	7/8/2003 11:41	TP	M070803-HG #3	7/8/2003 04:30:0
Total Metals (Sb)	SW7041A	SW3020A	M070703-3020SB1	7/8/2003 15:44	KC	M070703-3020 #1	7/7/2003 07:40:0
Total Metals (Tl)	SW7841	SW3020A	M070703-3020TL1	7/9/2003 15:22	KC	M070703-3020 #1	7/7/2003 07:40:0

Lab Code: J033736-02 **SampleType:** **Site: Monitoring Well**

Client Sample Number: MWB-32D **Matrix: Water**

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time	Analyst	Prep Batch ID	Prep Date/Time
Ammonia (as N)	E350.1	NONE	wct070803nh34	7/8/2003 13:15	DLS		
Appendix I Volatile Organic Compunds	SW8260B	SW5030B	v070703a	7/7/2003 12:57	JA	v070703a	7/7/2003 12:57:0
Dissolved Metals	SW6010B	SW3005A	M070303-3010 #2	7/3/2003 23:31	KC	M070303-3010 #2	7/3/2003 09:15:0
Dissolved Metals (Hg)	SW7470A	METHOD	M070803-HG #3	7/8/2003 11:41	TP	M070803-HG #3	7/8/2003 04:30:0
Dissolved Metals (Sb)	SW7041A	SW3005A	M070703-3020SB1	7/8/2003 15:44	KC	M070703-3020 #1	7/7/2003 07:40:0
Dissolved Metals (Tl)	SW7841	SW3005A	M070703-3020TL1	7/9/2003 15:22	KC	M070703-3020 #1	7/7/2003 07:40:0
Ethylene Dibromide	E504.1	METHOD	sv070403f-edb	7/4/2003 15:31	MP	SV070303-Eth	7/3/2003 11:00:0
Nitrate (as N)	SM4500NO3-F	NONE	WCJ-070303-NITR	7/3/2003 10:55	KDC		
Total Chlorides	E325.2	NONE	WCJ-070803-CL	7/8/2003 09:51	KDC		
Total Dissolved Solids	E160.1	NONE	WCJ-070803-TDS3	7/8/2003 14:30	AGF		
Total Metals	SW6010B	SW3010A	M070303-3010 #2	7/3/2003 23:31	KC	M070303-3010 #2	7/3/2003 09:15:0
Total Metals (Hg)	SW7470A	METHOD	M070803-HG #3	7/8/2003 11:41	TP	M070803-HG #3	7/8/2003 04:30:0
Total Metals (Sb)	SW7041A	SW3020A	M070703-3020SB1	7/8/2003 15:44	KC	M070703-3020 #1	7/7/2003 07:40:0
Total Metals (Tl)	SW7841	SW3020A	M070703-3020TL1	7/9/2003 15:22	KC	M070703-3020 #1	7/7/2003 07:40:0

Lab Code: J033736-03 **SampleType:** **Site: Duplicate**

Client Sample Number: DUP-3 **Matrix: Water**

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time	Analyst	Prep Batch ID	Prep Date/Time
Ammonia (as N)	E350.1	NONE	wct070803nh34	7/8/2003 13:15	DLS		
Appendix I Volatile Organic Compunds	SW8260B	SW5030B	v070703a	7/7/2003 12:57	JA	v070703a	7/7/2003 12:57:0
Ethylene Dibromide	E504.1	METHOD	sv070403f-edb	7/4/2003 15:31	MP	SV070303-Eth	7/3/2003 11:00:0
Nitrate (as N)	SM4500NO3-F	NONE	WCJ-070303-NITR	7/3/2003 10:55	KDC		
Total Chlorides	E325.2	NONE	WCJ-070803-CL	7/8/2003 09:51	KDC		
Total Dissolved Solids	E160.1	NONE	WCJ-070803-TDS3	7/8/2003 14:30	AGF		
Total Metals	SW6010B	SW3010A	M070303-3010 #2	7/3/2003 23:31	KC	M070303-3010 #2	7/3/2003 09:15:0
Total Metals (Hg)	SW7470A	METHOD	M070803-HG #3	7/8/2003 11:41	TP	M070803-HG #3	7/8/2003 04:30:0
Total Metals (Sb)	SW7041A	SW3020A	M070703-3020SB1	7/8/2003 15:44	KC	M070703-3020 #1	7/7/2003 07:40:0
Total Metals (Tl)	SW7841	SW3020A	M070703-3020TL1	7/9/2003 15:22	KC	M070703-3020 #1	7/7/2003 07:40:0

Lab Code: J033736-04 **SampleType:** **Site: Monitoring Well**

Client Sample Number: MWB-32S **Matrix: Water**

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time	Analyst	Prep Batch ID	Prep Date/Time
Ammonia (as N)	E350.1	NONE	wct070803nh34	7/8/2003 13:15	DLS		
Appendix I Volatile Organic Compunds	SW8260B	SW5030B	v070703a	7/7/2003 12:57	JA	v070703a	7/7/2003 12:57:0
Dissolved Metals	SW6010B	SW3005A	M070303-3010 #2	7/3/2003 23:31	KC	M070303-3010 #2	7/3/2003 09:15:0
Dissolved Metals (Hg)	SW7470A	METHOD	M070803-HG #3	7/8/2003 11:41	TP	M070803-HG #3	7/8/2003 04:30:0
Dissolved Metals (Sb)	SW7041A	SW3005A	M070703-3020SB1	7/8/2003 15:44	KC	M070703-3020 #1	7/7/2003 07:40:0
Dissolved Metals (Tl)	SW7841	SW3005A	M070703-3020TL1	7/9/2003 15:22	KC	M070703-3020 #1	7/7/2003 07:40:0
Ethylene Dibromide	E504.1	METHOD	sv070403f-edb	7/4/2003 15:31	MP	SV070303-Eth	7/3/2003 11:00:0
Nitrate (as N)	SM4500NO3-F	NONE	WCJ-070303-NITR	7/3/2003 10:55	KDC		
Total Chlorides	E325.2	NONE	WCJ-070803-CL	7/8/2003 09:51	KDC		
Total Dissolved Solids	E160.1	NONE	WCJ-070803-TDS3	7/8/2003 14:30	AGF		
Total Metals	SW6010B	SW3010A	M070303-3010 #2	7/3/2003 23:31	KC	M070303-3010 #2	7/3/2003 09:15:0

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033736

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 14:05

Total Metals (Hg)	SW7470A	METHOD	M070803-HG #3	7/8/2003 11:41	TP	M070803-HG #3	7/8/2003 04:30:0
Total Metals (Sb)	SW7041A	SW3020A	M070703-3020SB1	7/8/2003 15:44	KC	M070703-3020 #1	7/7/2003 07:40:0
Total Metals (Tl)	SW7841	SW3020A	M070703-3020TL1	7/9/2003 15:22	KC	M070703-3020 #1	7/7/2003 07:40:0

Lab Code: J033736-05 **SampleType:** **Site: Monitoring Well**

Client Sample Number: MWB-11I(R) **Matrix: Water**

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time	Analyst	Prep Batch ID	Prep Date/Time
Ammonia (as N)	E350.1	NONE	wct070803nh34	7/8/2003 13:15	DLS		
Appendix I Volatile Organic Compunds	SW8260B	SW5030B	v070703a	7/7/2003 12:57	JA	v070703a	7/7/2003 12:57:0
Dissolved Metals	SW6010B	SW3005A	M070303-3010 #2	7/3/2003 23:31	KC	M070303-3010 #2	7/3/2003 09:15:0
Dissolved Metals (Hg)	SW7470A	METHOD	M070803-HG #3	7/8/2003 11:41	TP	M070803-HG #3	7/8/2003 04:30:0
Dissolved Metals (Sb)	SW7041A	SW3005A	M070703-3020SB1	7/8/2003 15:44	KC	M070703-3020 #1	7/7/2003 07:40:0
Dissolved Metals (Tl)	SW7841	SW3005A	M070703-3020TL1	7/9/2003 15:22	KC	M070703-3020 #1	7/7/2003 07:40:0
Ethylene Dibromide	E504.1	METHOD	sv070403f-edb	7/4/2003 15:31	MP	SV070303-Eth	7/3/2003 11:00:0
Nitrate (as N)	SM4500NO3-F	NONE	WCJ-070303-NITR	7/3/2003 10:55	KDC		
Total Chlorides	E325.2	NONE	WCJ-070803-CL	7/8/2003 09:51	KDC		
Total Dissolved Solids	E160.1	NONE	WCJ-070803-TDS3	7/8/2003 14:30	AGF		
Total Metals	SW6010B	SW3010A	M070303-3010 #2	7/3/2003 23:31	KC	M070303-3010 #2	7/3/2003 09:15:0
Total Metals (Hg)	SW7470A	METHOD	M070803-HG #3	7/8/2003 11:41	TP	M070803-HG #3	7/8/2003 04:30:0
Total Metals (Sb)	SW7041A	SW3020A	M070703-3020SB1	7/8/2003 15:44	KC	M070703-3020 #1	7/7/2003 07:40:0
Total Metals (Tl)	SW7841	SW3020A	M070703-3020TL1	7/9/2003 15:22	KC	M070703-3020 #1	7/7/2003 07:40:0

Lab Code: J033736-06 **SampleType:** **Site: Monitoring Well**

Client Sample Number: MWB-11I **Matrix: Water**

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time	Analyst	Prep Batch ID	Prep Date/Time
Ammonia (as N)	E350.1	NONE	wct070803nh34	7/8/2003 13:15	DLS		
Appendix I Volatile Organic Compunds	SW8260B	SW5030B	v070703a	7/7/2003 12:57	JA	v070703a	7/7/2003 12:57:0
Dissolved Metals	SW6010B	SW3005A	M070303-3010 #2	7/3/2003 23:31	KC	M070303-3010 #2	7/3/2003 09:15:0
Dissolved Metals (Hg)	SW7470A	METHOD	M070803-HG #3	7/8/2003 11:41	TP	M070803-HG #3	7/8/2003 04:30:0
Dissolved Metals (Sb)	SW7041A	SW3005A	M070703-3020SB1	7/8/2003 15:44	KC	M070703-3020 #1	7/7/2003 07:40:0
Dissolved Metals (Tl)	SW7841	SW3005A	M070703-3020TL1	7/9/2003 15:22	KC	M070703-3020 #1	7/7/2003 07:40:0
Ethylene Dibromide	E504.1	METHOD	sv070403f-edb	7/4/2003 15:31	MP	SV070303-Eth	7/3/2003 11:00:0
Nitrate (as N)	SM4500NO3-F	NONE	WCJ-070303-NITR	7/3/2003 10:55	KDC		
Total Chlorides	E325.2	NONE	WCJ-070803-CL	7/8/2003 09:51	KDC		
Total Dissolved Solids	E160.1	NONE	WCJ-070803-TDS3	7/8/2003 14:30	AGF		
Total Metals	SW6010B	SW3010A	M070303-3010 #2	7/3/2003 23:31	KC	M070303-3010 #2	7/3/2003 09:15:0
Total Metals (Hg)	SW7470A	METHOD	M070803-HG #3	7/8/2003 11:41	TP	M070803-HG #3	7/8/2003 04:30:0
Total Metals (Sb)	SW7041A	SW3020A	M070703-3020SB1	7/8/2003 15:44	KC	M070703-3020 #1	7/7/2003 07:40:0
Total Metals (Tl)	SW7841	SW3020A	M070703-3020TL1	7/9/2003 15:22	KC	M070703-3020 #1	7/7/2003 07:40:0

Lab Code: J033736-07 **SampleType:** **Site: Monitoring Well**

Client Sample Number: MWB-11S **Matrix: Water**

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time	Analyst	Prep Batch ID	Prep Date/Time
Ammonia (as N)	E350.1	NONE	wct070803nh34	7/8/2003 13:15	DLS		
Appendix I Volatile Organic Compunds	SW8260B	SW5030B	v070703a	7/7/2003 12:57	JA	v070703a	7/7/2003 12:57:0
Ethylene Dibromide	E504.1	METHOD	sv070403f-edb	7/4/2003 15:31	MP	SV070303-Eth	7/3/2003 11:00:0
Nitrate (as N)	SM4500NO3-F	NONE	WCJ-070303-NITR	7/3/2003 10:55	KDC		
Total Chlorides	E325.2	NONE	WCJ-070803-CL	7/8/2003 09:51	KDC		
Total Dissolved Solids	E160.1	NONE	WCJ-070803-TDS3	7/8/2003 14:30	AGF		
Total Metals	SW6010B	SW3010A	M070303-3010 #2	7/3/2003 23:31	KC	M070303-3010 #2	7/3/2003 09:15:0
Total Metals (Hg)	SW7470A	METHOD	M070803-HG #3	7/8/2003 11:41	TP	M070803-HG #3	7/8/2003 04:30:0
Total Metals (Sb)	SW7041A	SW3020A	M070703-3020SB1	7/8/2003 15:44	KC	M070703-3020 #1	7/7/2003 07:40:0
Total Metals (Tl)	SW7841	SW3020A	M070703-3020TL1	7/9/2003 15:22	KC	M070703-3020 #1	7/7/2003 07:40:0

Lab Code: J033736-08 **SampleType:** **Site: Duplicate**

Client Sample Number: DUP-4 **Matrix: Water**

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time	Analyst	Prep Batch ID	Prep Date/Time
Ammonia (as N)	E350.1	NONE	wct070803nh34	7/8/2003 13:15	DLS		
Appendix I Volatile Organic Compunds	SW8260B	SW5030B	v070703a	7/7/2003 12:57	JA	v070703a	7/7/2003 12:57:0
Ethylene Dibromide	E504.1	METHOD	sv070403f-edb	7/4/2003 15:31	MP	SV070303-Eth	7/3/2003 11:00:0
Nitrate (as N)	SM4500NO3-F	NONE	WCJ-070303-NITR	7/3/2003 10:55	KDC		
Total Chlorides	E325.2	NONE	WCJ-070803-CL	7/8/2003 09:51	KDC		

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033736

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 14:05

Total Dissolved Solids	E160.1	NONE	WCJ-070803-TDS3	7/8/2003 14:30	AGF		
Total Metals	SW6010B	SW3010A	M070303-3010 #2	7/3/2003 23:31	KC	M070303-3010 #2	7/3/2003 09:15:0
Total Metals (Hg)	SW7470A	METHOD	M070803-HG #3	7/8/2003 11:41	TP	M070803-HG #3	7/8/2003 04:30:0
Total Metals (Sb)	SW7041A	SW3020A	M070703-3020SB1	7/8/2003 15:44	KC	M070703-3020 #1	7/7/2003 07:40:0
Total Metals (Tl)	SW7841	SW3020A	M070703-3020TL1	7/9/2003 15:22	KC	M070703-3020 #1	7/7/2003 07:40:0

Lab Code: J033736-09 **SampleType:** **Site: Monitoring Well**

Client Sample Number: MWB-32I **Matrix: Water**

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time	Analyst	Prep Batch ID	Prep Date/Time
Ammonia (as N)	E350.1	NONE	wct070803nh34	7/8/2003 13:15	DLS		
Appendix I Volatile Organic Compunds	SW8260B	SW5030B	v070703a	7/7/2003 12:57	JA	v070703a	7/7/2003 12:57:0
Dissolved Metals	SW6010B	SW3005A	M070303-3010 #2	7/3/2003 23:31	KC	M070303-3010 #2	7/3/2003 09:15:0
Dissolved Metals (Hg)	SW7470A	METHOD	M070803-HG #3	7/8/2003 11:41	TP	M070803-HG #3	7/8/2003 04:30:0
Dissolved Metals (Sb)	SW7041A	SW3005A	M070703-3020SB1	7/8/2003 15:44	KC	M070703-3020 #1	7/7/2003 07:40:0
Dissolved Metals (Tl)	SW7841	SW3005A	M070703-3020TL1	7/9/2003 15:22	KC	M070703-3020 #1	7/7/2003 07:40:0
Ethylene Dibromide	E504.1	METHOD	sv070403f-edb	7/4/2003 15:31	MP	SV070303-Eth	7/3/2003 11:00:0
Nitrate (as N)	SM4500NO3-F	NONE	WCJ-070303-NITR	7/3/2003 10:55	KDC		
Total Chlorides	E325.2	NONE	WCJ-070803-CL	7/8/2003 09:51	KDC		
Total Dissolved Solids	E160.1	NONE	WCJ-070803-TDS3	7/8/2003 14:30	AGF		
Total Metals	SW6010B	SW3010A	M070303-3010 #2	7/3/2003 23:31	KC	M070303-3010 #2	7/3/2003 09:15:0
Total Metals (Hg)	SW7470A	METHOD	M070803-HG #3	7/8/2003 11:41	TP	M070803-HG #3	7/8/2003 04:30:0
Total Metals (Sb)	SW7041A	SW3020A	M070703-3020SB1	7/8/2003 15:44	KC	M070703-3020 #1	7/7/2003 07:40:0
Total Metals (Tl)	SW7841	SW3020A	M070703-3020TL1	7/9/2003 15:22	KC	M070703-3020 #1	7/7/2003 07:40:0

Lab Code: J033736-10 **SampleType:** **Site: Monitoring Well**

Client Sample Number: MWB-13S **Matrix: Water**

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time	Analyst	Prep Batch ID	Prep Date/Time
Ammonia (as N)	E350.1	NONE	wct070803nh34	7/8/2003 13:15	DLS		
Appendix I Volatile Organic Compunds	SW8260B	SW5030B	v070703a	7/7/2003 12:57	JA	v070703a	7/7/2003 12:57:0
Ethylene Dibromide	E504.1	METHOD	sv070403f-edb	7/4/2003 15:31	MP	SV070303-Eth	7/3/2003 11:00:0
Nitrate (as N)	SM4500NO3-F	NONE	WCJ-070303-NITR	7/3/2003 10:55	KDC		
Total Chlorides	E325.2	NONE	WCJ-070803-CL	7/8/2003 09:51	KDC		
Total Dissolved Solids	E160.1	NONE	WCJ-070803-TDS3	7/8/2003 14:30	AGF		
Total Metals	SW6010B	SW3010A	M070303-3010 #2	7/3/2003 23:31	KC	M070303-3010 #2	7/3/2003 09:15:0
Total Metals (Hg)	SW7470A	METHOD	M070803-HG #4	7/8/2003 12:48	TP	M070803-HG #4	7/8/2003 04:30:0
Total Metals (Sb)	SW7041A	SW3020A	M070703-3020SB1	7/8/2003 15:44	KC	M070703-3020 #1	7/7/2003 07:40:0
Total Metals (Tl)	SW7841	SW3020A	M070703-3020TL1	7/9/2003 15:22	KC	M070703-3020 #1	7/7/2003 07:40:0

Lab Code: J033736-11 **SampleType:** **Site: Monitoring Well**

Client Sample Number: MWB-13I **Matrix: Water**

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time	Analyst	Prep Batch ID	Prep Date/Time
Ammonia (as N)	E350.1	NONE	wct070803nh34	7/8/2003 13:15	DLS		
Appendix I Volatile Organic Compunds	SW8260B	SW5030B	v070703a	7/7/2003 12:57	JA	v070703a	7/7/2003 12:57:0
Dissolved Metals	SW6010B	SW3005A	M070303-3010 #2	7/3/2003 23:31	KC	M070303-3010 #2	7/3/2003 09:15:0
Dissolved Metals (Hg)	SW7470A	METHOD	M070803-HG #4	7/8/2003 12:48	TP	M070803-HG #4	7/8/2003 04:30:0
Dissolved Metals (Sb)	SW7041A	SW3005A	M070703-3020SB1	7/8/2003 15:44	KC	M070703-3020 #1	7/7/2003 07:40:0
Dissolved Metals (Tl)	SW7841	SW3005A	M070703-3020TL1	7/9/2003 15:22	KC	M070703-3020 #1	7/7/2003 07:40:0
Ethylene Dibromide	E504.1	METHOD	sv070403f-edb	7/4/2003 15:31	MP	SV070303-Eth	7/3/2003 11:00:0
Nitrate (as N)	SM4500NO3-F	NONE	WCJ-070303-NITR	7/3/2003 10:55	KDC		
Total Chlorides	E325.2	NONE	WCJ-070803-CL	7/8/2003 09:51	KDC		
Total Dissolved Solids	E160.1	NONE	WCJ-070803-TDS3	7/8/2003 14:30	AGF		
Total Metals	SW6010B	SW3010A	M070303-3010 #2	7/3/2003 23:31	KC	M070303-3010 #2	7/3/2003 09:15:0
Total Metals (Hg)	SW7470A	METHOD	M070803-HG #4	7/8/2003 12:48	TP	M070803-HG #4	7/8/2003 04:30:0
Total Metals (Sb)	SW7041A	SW3020A	M070703-3020SB1	7/8/2003 15:44	KC	M070703-3020 #1	7/7/2003 07:40:0
Total Metals (Tl)	SW7841	SW3020A	M070703-3020TL1	7/9/2003 15:22	KC	M070703-3020 #1	7/7/2003 07:40:0

Lab Code: J033736-12 **SampleType:** **Site: Monitoring Well**

Client Sample Number: MWB-21S **Matrix: Water**

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time	Analyst	Prep Batch ID	Prep Date/Time
Ammonia (as N)	E350.1	NONE	wct070803nh34	7/8/2003 13:15	DLS		
Appendix I Volatile Organic Compunds	SW8260B	SW5030B	v070703a	7/7/2003 12:57	JA	v070703a	7/7/2003 12:57:0
Ethylene Dibromide	E504.1	METHOD	sv070403f-edb	7/4/2003 15:31	MP	SV070303-Eth	7/3/2003 11:00:0

Client: Trail Rdge Landfill,Inc. **Report No.:** J033736

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 14:05

Nitrate (as N)	SM4500NO3-F	NONE	WCJ-070303-NITR	7/3/2003 10:55	KDC		
Total Chlorides	E325.2	NONE	WCJ-070803-CL	7/8/2003 09:51	KDC		
Total Dissolved Solids	E160.1	NONE	WCJ-070803-TDS3	7/8/2003 14:30	AGF		
Total Metals	SW6010B	SW3010A	M070303-3010 #2	7/3/2003 23:31	KC	M070303-3010 #2	7/3/2003 09:15:0
Total Metals (Hg)	SW7470A	METHOD	M070803-HG #4	7/8/2003 12:48	TP	M070803-HG #4	7/8/2003 04:30:0
Total Metals (Sb)	SW7041A	SW3020A	M070703-3020SB1	7/8/2003 15:44	KC	M070703-3020 #1	7/7/2003 07:40:0
Total Metals (Tl)	SW7841	SW3020A	M070703-3020TL1	7/9/2003 15:22	KC	M070703-3020 #1	7/7/2003 07:40:0

Lab Code: J033736-13 **SampleType:** **Site: Monitoring Well**

Client Sample Number: MWB-22S **Matrix: Water**

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time	Analyst	Prep Batch ID	Prep Date/Time
Ammonia (as N)	E350.1	NONE	wct070803nh34	7/8/2003 13:15	DLS		
Appendix I Volatile Organic Compunds	SW8260B	SW5030B	v070703a	7/7/2003 12:57	JA	v070703a	7/7/2003 12:57:0
Ethylene Dibromide	E504.1	METHOD	sv070403f-edb	7/4/2003 15:31	MP	SV070303-Eth	7/3/2003 11:00:0
Nitrate (as N)	SM4500NO3-F	NONE	WCJ-070303-NITR	7/3/2003 10:55	KDC		
Total Chlorides	E325.2	NONE	WCJ-070803-CL	7/8/2003 09:51	KDC		
Total Dissolved Solids	E160.1	NONE	WCJ-070803-TDS3	7/8/2003 14:30	AGF		
Total Metals	SW6010B	SW3010A	M070303-3010 #2	7/3/2003 23:31	KC	M070303-3010 #2	7/3/2003 09:15:0
Total Metals (Hg)	SW7470A	METHOD	M070803-HG #4	7/8/2003 12:48	TP	M070803-HG #4	7/8/2003 04:30:0
Total Metals (Sb)	SW7041A	SW3020A	M070703-3020SB1	7/8/2003 15:44	KC	M070703-3020 #1	7/7/2003 07:40:0
Total Metals (Tl)	SW7841	SW3020A	M070703-3020TL1	7/9/2003 15:22	KC	M070703-3020 #1	7/7/2003 07:40:0

Lab Code: J033736-14 **SampleType:** **Site: Equipment Blank**

Client Sample Number: EB **Matrix: Water**

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time	Analyst	Prep Batch ID	Prep Date/Time
Ammonia (as N)	E350.1	NONE	wct070803nh35	7/8/2003 13:15	DLS		
Appendix I Volatile Organic Compunds	SW8260B	SW5030B	v070703a	7/7/2003 12:57	JA	v070703a	7/7/2003 12:57:0
Ethylene Dibromide	E504.1	METHOD	sv070403f-edb	7/4/2003 15:31	MP	SV070303-Eth	7/3/2003 11:00:0
Nitrate (as N)	SM4500NO3-F	NONE	WCJ-070303-NITR	7/3/2003 10:55	KDC		
Total Chlorides	E325.2	NONE	WCJ-070803-CL	7/8/2003 09:51	KDC		
Total Dissolved Solids	E160.1	NONE	WCJ-070803-TDS3	7/8/2003 14:30	AGF		
Total Metals	SW6010B	SW3010A	M070303-3010 #2	7/3/2003 23:31	KC	M070303-3010 #2	7/3/2003 09:15:0
Total Metals (Hg)	SW7470A	METHOD	M070803-HG #4	7/8/2003 12:48	TP	M070803-HG #4	7/8/2003 04:30:0
Total Metals (Sb)	SW7041A	SW3020A	M070703-3020SB1	7/8/2003 15:44	KC	M070703-3020 #1	7/7/2003 07:40:0
Total Metals (Tl)	SW7841	SW3020A	M070703-3020TL1	7/9/2003 15:22	KC	M070703-3020 #1	7/7/2003 07:40:0

Lab Code: J033736-15 **SampleType:** **Site: Field Blank**

Client Sample Number: FB **Matrix: Water**

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time	Analyst	Prep Batch ID	Prep Date/Time
Ammonia (as N)	E350.1	NONE	wct070803nh35	7/8/2003 13:15	DLS		
Appendix I Volatile Organic Compunds	SW8260B	SW5030B	v070703a	7/7/2003 12:57	JA	v070703a	7/7/2003 12:57:0
Ethylene Dibromide	E504.1	METHOD	sv070403f-edb	7/4/2003 15:31	MP	SV070303-Eth	7/3/2003 11:00:0
Nitrate (as N)	SM4500NO3-F	NONE	WCJ-070303-NITR	7/3/2003 10:55	KDC		
Total Chlorides	E325.2	NONE	WCJ-070803-CL	7/8/2003 09:51	KDC		
Total Dissolved Solids	E160.1	NONE	WCJ-070803-TDS3	7/8/2003 14:30	AGF		
Total Metals	SW6010B	SW3010A	M070303-3010 #3	7/4/2003 22:12	KC	M070303-3010 #3	7/3/2003 09:15:0
Total Metals (Hg)	SW7470A	METHOD	M070803-HG #4	7/8/2003 12:48	TP	M070803-HG #4	7/8/2003 04:30:0
Total Metals (Sb)	SW7041A	SW3020A	M070703-3020SB2	7/8/2003 17:40	KC	M070703-3020 #2	7/7/2003 07:47:0
Total Metals (Tl)	SW7841	SW3020A	M070703-3020TL2	7/9/2003 16:55	KC	M070703-3020 #2	7/7/2003 07:47:0

Lab Code: J033736-16 **SampleType:** **Site: Trip Blank**

Client Sample Number: TB **Matrix: Water**

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time	Analyst	Prep Batch ID	Prep Date/Time
Appendix I Volatile Organic Compunds	SW8260B	SW5030B	v070703a	7/7/2003 12:57	JA	v070703a	7/7/2003 12:57:0

Client: Trail Rdge Landfill,Inc. **Report No.:** J033736

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 14:05

Quality Assurance Report

Method Blanks

Total Metals

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
M070303-3010 #2	Arsenic	Method Blank	SW6010B	0.0016	0.0016	mg/L	U
M070303-3010 #2	Barium	Method Blank	SW6010B	0.00076	0.00076	mg/L	U
M070303-3010 #2	Beryllium	Method Blank	SW6010B	0.000059	0.000059	mg/L	U
M070303-3010 #2	Cadmium	Method Blank	SW6010B	0.00036	0.00036	mg/L	U
M070303-3010 #2	Chromium	Method Blank	SW6010B	0.0010	0.0010	mg/L	U
M070303-3010 #2	Cobalt	Method Blank	SW6010B	0.00025	0.00025	mg/L	U
M070303-3010 #2	Copper	Method Blank	SW6010B	0.0011	0.0011	mg/L	U
M070303-3010 #2	Iron	Method Blank	SW6010B	0.019	0.019	mg/L	U
M070303-3010 #2	Lead	Method Blank	SW6010B	0.00091	0.00091	mg/L	U
M070303-3010 #2	Nickel	Method Blank	SW6010B	0.00085	0.00085	mg/L	U
M070303-3010 #2	Selenium	Method Blank	SW6010B	0.0022	0.0022	mg/L	U
M070303-3010 #2	Silver	Method Blank	SW6010B	0.00017	0.00017	mg/L	U
M070303-3010 #2	Sodium	Method Blank	SW6010B	0.049	0.049	mg/L	U
M070303-3010 #2	Vanadium	Method Blank	SW6010B	0.00016	0.00016	mg/L	U
M070303-3010 #2	Zinc	Method Blank	SW6010B	0.0025	0.0025	mg/L	U

Total Metals

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
M070303-3010 #3	Arsenic	Method Blank	SW6010B	0.0016	0.0016	mg/L	U
M070303-3010 #3	Barium	Method Blank	SW6010B	0.00076	0.00076	mg/L	U
M070303-3010 #3	Beryllium	Method Blank	SW6010B	0.000059	0.000059	mg/L	U
M070303-3010 #3	Cadmium	Method Blank	SW6010B	0.00036	0.00036	mg/L	U
M070303-3010 #3	Chromium	Method Blank	SW6010B	0.0010	0.0010	mg/L	U
M070303-3010 #3	Cobalt	Method Blank	SW6010B	0.00025	0.00025	mg/L	U
M070303-3010 #3	Copper	Method Blank	SW6010B	0.0011	0.0011	mg/L	U
M070303-3010 #3	Iron	Method Blank	SW6010B	0.019	0.019	mg/L	U
M070303-3010 #3	Lead	Method Blank	SW6010B	0.00091	0.00091	mg/L	U
M070303-3010 #3	Nickel	Method Blank	SW6010B	0.00085	0.00085	mg/L	U
M070303-3010 #3	Selenium	Method Blank	SW6010B	0.0022	0.0022	mg/L	U
M070303-3010 #3	Silver	Method Blank	SW6010B	0.00017	0.00017	mg/L	U
M070303-3010 #3	Sodium	Method Blank	SW6010B	0.049	0.049	mg/L	U
M070303-3010 #3	Vanadium	Method Blank	SW6010B	0.00016	0.00016	mg/L	U
M070303-3010 #3	Zinc	Method Blank	SW6010B	0.0025	0.0025	mg/L	U

Total Metals (Sb)

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
M070703-3020SB	Antimony	Method Blank	SW7041A	0.0034	0.0034	mg/L	U

Total Metals (Sb)

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
M070703-3020SB	Antimony	Method Blank	SW7041A	0.0034	0.0034	mg/L	U

Total Metals (Tl)

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
M070703-3020TL	Thallium	Method Blank	SW7841	0.00098	0.00098	mg/L	U

Total Metals (Tl)

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
M070703-3020TL	Thallium	Method Blank	SW7841	0.00098	0.00098	mg/L	U

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033736

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 14:05

Total Metals (Hg)

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
M070803-HG #3	Mercury	Method Blank	SW7470A	0.000018	0.000018	mg/L	U

Total Metals (Hg)

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
M070803-HG #4	Mercury	Method Blank	SW7470A	0.000018	0.000018	mg/L	U

Ethylene Dibromide

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
sv070403f-edb	1,2-Dibromo-3-chloropropane	Method Blank	E504.1	0.0034	0.0034	ug/L	U
sv070403f-edb	Ethylene Dibromide	Method Blank	E504.1	0.0069	0.0069	ug/L	U

Surrogate(s)	Result	Units	% Recovery	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	1.2	ug/L	118		30 - 120

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033736

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 14:05

Appendix I Volatile Organic Compunds

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
v070703a	1,1,1,2-Tetrachloroethane	Method Blank	SW8260B	0.27	0.27	ug/L	U
v070703a	1,1,1-Trichloroethane	Method Blank	SW8260B	0.39	0.39	ug/L	U
v070703a	1,1,2,2-Tetrachloroethane	Method Blank	SW8260B	0.19	0.19	ug/L	U
v070703a	1,1,2-Trichloroethane	Method Blank	SW8260B	0.34	0.34	ug/L	U
v070703a	1,1-Dichloroethane	Method Blank	SW8260B	0.36	0.36	ug/L	U
v070703a	1,1-Dichloroethene	Method Blank	SW8260B	0.50	0.50	ug/L	U
v070703a	1,2,3-Trichloropropane	Method Blank	SW8260B	0.33	0.33	ug/L	U
v070703a	1,2-Dibromo-3-chloropropane	Method Blank	SW8260B	0.55	0.55	ug/L	U
v070703a	1,2-Dibromoethane	Method Blank	SW8260B	0.20	0.25	ug/L	U
v070703a	1,2-Dichlorobenzene	Method Blank	SW8260B	0.28	0.28	ug/L	U
v070703a	1,2-Dichloroethane	Method Blank	SW8260B	0.36	0.36	ug/L	U
v070703a	1,2-Dichloropropane	Method Blank	SW8260B	0.30	0.30	ug/L	U
v070703a	1,3-Dichloropropene (Total)	Method Blank	SW8260B	0.52	0.52	ug/L	U
v070703a	1,4-Dichlorobenzene	Method Blank	SW8260B	0.30	0.30	ug/L	U
v070703a	2-Hexanone (MBK)	Method Blank	SW8260B	0.27	0.27	ug/L	U
v070703a	4-Methyl-2-pentanone (MIBK)	Method Blank	SW8260B	0.35	0.35	ug/L	U
v070703a	Acetone	Method Blank	SW8260B	0.71	0.71	ug/L	U
v070703a	Acrylonitrile	Method Blank	SW8260B	1.6	1.6	ug/L	U
v070703a	Benzene	Method Blank	SW8260B	0.30	0.30	ug/L	U
v070703a	Bromochloromethane	Method Blank	SW8260B	0.39	0.39	ug/L	U
v070703a	Bromodichloromethane	Method Blank	SW8260B	0.29	0.29	ug/L	U
v070703a	Bromoform	Method Blank	SW8260B	0.25	0.25	ug/L	U
v070703a	Bromomethane	Method Blank	SW8260B	0.47	0.47	ug/L	U
v070703a	Carbon Disulfide	Method Blank	SW8260B	0.41	0.41	ug/L	U
v070703a	Carbon Tetrachloride	Method Blank	SW8260B	0.39	0.39	ug/L	U
v070703a	Chlorobenzene	Method Blank	SW8260B	0.31	0.31	ug/L	U
v070703a	Chloroethane	Method Blank	SW8260B	0.62	0.47	ug/L	U
v070703a	Chloroform	Method Blank	SW8260B	0.41	0.41	ug/L	U
v070703a	Chloromethane	Method Blank	SW8260B	0.43	0.43	ug/L	U
v070703a	Cis-1,2-dichloroethene	Method Blank	SW8260B	0.33	0.39	ug/L	U
v070703a	Cis-1,3-dichloropropene	Method Blank	SW8260B	0.27	0.27	ug/L	U
v070703a	Dibromochloromethane	Method Blank	SW8260B	0.25	0.25	ug/L	U
v070703a	Dibromomethane	Method Blank	SW8260B	0.34	0.34	ug/L	U
v070703a	Ethylbenzene	Method Blank	SW8260B	0.27	0.27	ug/L	U
v070703a	Iodomethane	Method Blank	SW8260B	0.40	0.40	ug/L	U
v070703a	Methyl ethyl ketone	Method Blank	SW8260B	0.25	0.25	ug/L	U
v070703a	Methylene Chloride	Method Blank	SW8260B	0.21	0.30	ug/L	I
v070703a	Styrene	Method Blank	SW8260B	0.25	0.25	ug/L	U
v070703a	Tetrachloroethene	Method Blank	SW8260B	0.43	0.43	ug/L	U
v070703a	Toluene	Method Blank	SW8260B	0.29	0.29	ug/L	U
v070703a	Trans-1,2-dichloroethene	Method Blank	SW8260B	0.50	0.50	ug/L	U
v070703a	Trans-1,3-dichloropropene	Method Blank	SW8260B	0.25	0.25	ug/L	U
v070703a	Trans-1,4-dichloro-2-butene	Method Blank	SW8260B	0.52	0.52	ug/L	U
v070703a	Trichloroethene	Method Blank	SW8260B	0.43	0.43	ug/L	U
v070703a	Trichlorofluoromethane	Method Blank	SW8260B	0.50	0.50	ug/L	U
v070703a	Vinyl Acetate	Method Blank	SW8260B	0.31	0.31	ug/L	U
v070703a	Vinyl Chloride	Method Blank	SW8260B	0.49	0.49	ug/L	U
v070703a	Xylenes (Total)	Method Blank	SW8260B	0.86	0.86	ug/L	U

Surrogate(s)	Result	Units	% Recovery	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4	55	ug/L	110		80 - 120
Toluene d(8)	52	ug/L	104		88 - 110
4-Bromofluorobenzene	57	ug/L	114		86 - 115

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033736

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 14:05

Miscellaneous Analytes

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
WCJ-070303-NIT	Nitrate (as N)	Method Blank	SM4500NO3-F	0.13	0.13	mg/L	U

Miscellaneous Analytes

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
WCJ-070803-CL	Total Chlorides	Method Blank	E325.2	2.5	0.50	mg/L	U

Miscellaneous Analytes

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
WCJ-070803-TDS	Total Dissolved Solids	Method Blank	E160.1	10	10	mg/L	U

Miscellaneous Analytes

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
wct070803nh34	Ammonia (as N)	Method Blank	E350.1	0.019	0.019	mg/L	U

Miscellaneous Analytes

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
wct070803nh35	Ammonia (as N)	Method Blank	E350.1	0.019	0.019	mg/L	U

Quality Assurance Qualifiers:

I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U The compound was analyzed for but not detected.

Client: Trail Rdge Landfill,Inc. **Report No.:** J033736

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 14:05

Quality Assurance Report

Laboratory Control Spikes

Project #: J033736

QC Batch ID: M070303-3010 #2 **Matrix:** Water **Method:** SW6010B

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Arsenic	0.4	0.42	105	80 - 120	
Barium	0.4	0.42	104	80 - 120	
Beryllium	0.4	0.41	102	80 - 120	
Cadmium	0.4	0.42	104	80 - 120	
Chromium	0.4	0.40	101	80 - 120	
Cobalt	0.4	0.41	101	80 - 120	
Copper	0.4	0.43	107	80 - 120	
Iron	8.4	8.7	104	80 - 120	
Lead	0.4	0.40	100	80 - 120	
Nickel	0.4	0.42	104	80 - 120	
Selenium	0.4	0.42	106	80 - 120	
Silver	0.4	0.41	102	80 - 120	
Sodium	100	100	100	80 - 120	
Vanadium	0.4	0.42	106	80 - 120	
Zinc	0.4	0.44	110	80 - 120	

QC Batch ID: M070303-3010 #3 **Matrix:** Water **Method:** SW6010B

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Arsenic	0.4	0.43	108	80 - 120	
Barium	0.4	0.42	104	80 - 120	
Beryllium	0.4	0.40	101	80 - 120	
Cadmium	0.4	0.41	102	80 - 120	
Chromium	0.4	0.39	98	80 - 120	
Cobalt	0.4	0.41	101	80 - 120	
Copper	0.4	0.42	105	80 - 120	
Iron	8.4	8.6	103	80 - 120	
Lead	0.4	0.40	101	80 - 120	
Nickel	0.4	0.41	101	80 - 120	
Selenium	0.4	0.42	105	80 - 120	
Silver	0.4	0.40	100	80 - 120	
Sodium	100	100	103	80 - 120	
Vanadium	0.4	0.42	104	80 - 120	
Zinc	0.4	0.40	101	80 - 120	

QC Batch ID: M070703-3020SB1 **Matrix:** Water **Method:** SW7041A

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Antimony	0.02	0.018	92	80 - 120	

QC Batch ID: M070703-3020SB2 **Matrix:** Water **Method:** SW7041A

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Antimony	0.02	0.021	103	80 - 120	

QC Batch ID: M070703-3020TL1 **Matrix:** Water **Method:** SW7841

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Thallium	0.02	0.020	99	80 - 120	

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033736

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 14:05

QC Batch ID: M070703-3020TL2 **Matrix:** Water **Method:** SW7841

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Thallium	0.02	0.018	91	80 - 120	

QC Batch ID: M070803-HG #3 **Matrix:** Water **Method:** SW7470A

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Mercury	0.002	0.0022	108	85 - 115	

QC Batch ID: M070803-HG #4 **Matrix:** Water **Method:** SW7470A

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Mercury	0.002	0.0021	104	85 - 115	

QC Batch ID: sv070403f-edb **Matrix:** Water **Method:** E504.1

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
1,2-Dibromo-3-chloropropane	0.25	0.27	109	65 - 135	
Ethylene Dibromide	0.25	0.24	97	65 - 135	

Surrogate(s)	Result	Units	% Recovery	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	1.2	ug/L	115		30 - 120

LCS Comment:

QC Batch ID: v070703a **Matrix:** Water **Method:** SW8260B

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
1,1-Dichloroethene	20	21	105	39 - 144	
Benzene	20	19	95	46 - 135	
Ethylbenzene	20	20	100	33 - 140	
Tetrachloroethene	20	18	90	24 - 164	
Toluene	20	20	100	44 - 135	
Trichloroethene	20	19	95	55 - 119	

Surrogate(s)	Result	Units	% Recovery	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4	53	ug/L	106		80 - 120
4-Bromofluorobenzene	52	ug/L	104		86 - 115
Toluene d(8)	50	ug/L	100		88 - 110

LCS Comment:

QC Batch ID: WCJ-070303-NITR **Matrix:** Water **Method:** SM4500NO3-F

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Nitrate (as N)	1	0.97	97	90 - 110	

QC Batch ID: WCJ-070803-CL **Matrix:** Water **Method:** E325.2

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Total Chlorides	60	59	99	75 - 125	

QC Batch ID: WCJ-070803-TDS3 **Matrix:** Water **Method:** E160.1

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Total Dissolved Solids	300	300	98	75 - 125	

QC Batch ID: wct070803nh34 **Matrix:** Water **Method:** E350.1

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Ammonia (as N)	1	0.93	93	90 - 110	

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc.
Report No.: J033736

Project Name: Trail Ridge GW
Date/Time Received: 7/2/03 14:05

QC Batch ID: wct070803nh35 **Matrix:** Water **Method:** E350.1

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Ammonia (as N)	1	0.96	96	90 - 110	

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033736

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 14:05

Quality Assurance Report

Matrix Spike Recoveries

Project #: J033736

QC Batch ID M070303-3010 #2 Method: SW6010B Matrix: Water **Ref. Sample:** J033736-01 **Client Sample ID:** MWB-33S

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Arsenic	0.40	mg/L	0	0.43	0.43	107	107	75 - 125	0.54	
Barium	0.40	mg/L	0.032	0.45	0.45	104	105	75 - 125	0.45	
Beryllium	0.40	mg/L	0	0.41	0.41	103	103	75 - 125	0.016	
Cadmium	0.40	mg/L	0	0.42	0.42	105	105	75 - 125	0.74	
Chromium	0.40	mg/L	0.0013	0.40	0.40	100	101	75 - 125	0.85	
Cobalt	0.40	mg/L	0.00077	0.41	0.41	102	102	75 - 125	0.24	
Copper	0.40	mg/L	0.0016	0.42	0.43	106	107	75 - 125	0.94	
Iron	8.4	mg/L	0.33	9.0	9.1	103	104	75 - 125	0.76	
Lead	0.40	mg/L	0	0.40	0.40	101	101	75 - 125	0.19	
Nickel	0.40	mg/L	0	0.42	0.42	104	105	75 - 125	0.77	
Selenium	0.40	mg/L	0	0.42	0.43	106	107	75 - 125	0.61	
Silver	0.40	mg/L	0	0.38	0.38	94	95	75 - 125	0.89	
Sodium	100	mg/L	6.3	110	110	100	100	75 - 125	0.60	
Vanadium	0.40	mg/L	0.016	0.44	0.44	106	106	75 - 125	0.61	
Zinc	0.40	mg/L	0	0.44	0.44	110	111	75 - 125	1.1	

QC Batch ID M070303-3010 #3 Method: SW6010B Matrix: Water **Ref. Sample:** J033736-15 **Client Sample ID:** FB

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Arsenic	0.40	mg/L	0	0.43	0.42	106	104	75 - 125	2.0	
Barium	0.40	mg/L	0	0.42	0.39	104	99	75 - 125	5.7	
Beryllium	0.40	mg/L	0	0.40	0.40	100	99	75 - 125	1.1	
Cadmium	0.40	mg/L	0	0.41	0.40	102	99	75 - 125	2.2	
Chromium	0.40	mg/L	0	0.39	0.38	98	96	75 - 125	2.1	
Cobalt	0.40	mg/L	0	0.40	0.40	101	100	75 - 125	1.1	
Copper	0.40	mg/L	0	0.42	0.40	104	99	75 - 125	4.9	
Iron	8.4	mg/L	0	8.6	8.4	103	100	75 - 125	3.2	
Lead	0.40	mg/L	0.0014	0.40	0.39	100	98	75 - 125	2.0	
Nickel	0.40	mg/L	0	0.41	0.39	101	99	75 - 125	2.8	
Selenium	0.40	mg/L	0	0.43	0.41	106	104	75 - 125	2.8	
Silver	0.40	mg/L	0	0.40	0.39	101	99	75 - 125	2.1	
Sodium	100	mg/L	0	100	98	102	98	75 - 125	3.8	
Vanadium	0.40	mg/L	0	0.41	0.41	104	102	75 - 125	2.0	
Zinc	0.40	mg/L	0	0.40	0.38	100	95	75 - 125	5.1	

QC Batch ID M070703-3020SB1 Method: SW7041A Matrix: Water **Ref. Sample:** J033736-01 **Client Sample ID:** MWB-33S

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Antimony	0.020	mg/L	0	0.023	0.024	114	121	80 - 120	5.4	J4

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033736

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 14:05

QC Batch ID M070703-3020SB2 Method: SW7041A Matrix: Water **Ref. Sample:** J033736-15 **Client Sample ID:** FB

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Antimony	0.020	mg/L	0	0.016	0.018	81	90	80 - 120	11	

QC Batch ID M070703-3020TL1 Method: SW7841 Matrix: Water **Ref. Sample:** J033736-01 **Client Sample ID:** MWB-33S

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Thallium	0.020	mg/L	0	0.016	0.015	80	77	80 - 120	4.5	J4

QC Batch ID M070703-3020TL2 Method: SW7841 Matrix: Water **Ref. Sample:** J033736-15 **Client Sample ID:** FB

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Thallium	0.020	mg/L	0	0.019	0.018	93	90	80 - 120	2.5	

QC Batch ID M070803-HG #3 Method: SW7470A Matrix: Water **Ref. Sample:** J033705-16 **Client Sample ID:** MWB-27I

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Mercury	0.0020	mg/L	0	0.0021	0.0021	107	105	70 - 130	1.6	

QC Batch ID M070803-HG #4 Method: SW7470A Matrix: Water **Ref. Sample:** J033736-10 **Client Sample ID:** MWB-13S

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Mercury	0.0020	mg/L	0.000071	0.0024	0.0024	118	115	70 - 130	2.5	

QC Batch ID sv070403f-edb Method: E504.1 Matrix: Water **Ref. Sample:** J033736-01 **Client Sample ID:** MWB-33S

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
1,2-Dibromo-3-chloropropane	1.0	ug/L	0.0034	1.0	1.2	101	120	65 - 135	17	
Ethylene Dibromide	1.0	ug/L	0.0069	0.98	0.98	98	97	65 - 135	0.61	

Surrogate	MS %R	MSD %R	MS/MSD Range	MS Qual	MSD Qual
Tetrachloro-m-xylene	117	116	30 - 120		

QC Batch ID v070703a Method: SW8260B Matrix: Water **Ref. Sample:** J033736-01 **Client Sample ID:** MWB-33S

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
1,1-Dichloroethene	20	ug/L	0	22	21	110	105	39 - 144	4.7	
Benzene	20	ug/L	0	19	19	95	95	46 - 135	0	
Ethylbenzene	20	ug/L	0	20	20	100	100	33 - 140	0	
Tetrachloroethene	20	ug/L	0	18	18	90	90	24 - 164	0	
Toluene	20	ug/L	0	20	19	100	95	44 - 135	5.1	
Trichloroethene	20	ug/L	0	19	19	95	95	55 - 119	0	

Surrogate	MS %R	MSD %R	MS/MSD Range	MS Qual	MSD Qual
1,2-Dichloroethane-d4	106	108	80 - 120		
4-Bromofluorobenzene	104	104	86 - 115		
Toluene d(8)	100	100	88 - 110		

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033736

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 14:05

QC Batch ID WCJ-070303-NITR Method: SM4500NO3-F Matrix: Water **Ref. Sample:** J033736-01 **Client Sample ID:** MWB-33S

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Nitrate (as N)	0.50	mg/L	0	0.47	0.48	93	96	90 - 110	3.0	

QC Batch ID WCJ-070803-CL Method: E325.2 Matrix: Water **Ref. Sample:** J033736-01 **Client Sample ID:** MWB-33S

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Total Chlorides	30	mg/L	9.6	41	42	105	108	75 - 125	2.7	

QC Batch ID wct070803nh34 Method: E350.1 Matrix: Water **Ref. Sample:** J033736-10 **Client Sample ID:** MWB-13S

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Ammonia (as N)	1.0	mg/L	0.59	1.7	1.6	108	105	90 - 110	2.9	

QC Batch ID wct070803nh35 Method: E350.1 Matrix: Water **Ref. Sample:** J033736-14 **Client Sample ID:** EB

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Ammonia (as N)	1.0	mg/L	0	0.91	1.3	91	133	90 - 110	37	J4

Quality Assurance Qualifiers:

J4 The sample matrix interfered with the ability to make an accurate determination.

Definitions:

Water matrix refers to all aqueous matrices, including but not limited to, drinking water, wastewater, ground water, surface water, aqueous wastes and leachates
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.

The estimated measurements of uncertainty can be provided upon request

This is the last page of the analytical report.

TRAIL RIDGE LANDFILL

FIELD REPORTS

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Site No.: | | | |

Sample Point: MW25 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e., with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hr:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLS PURGED
070103	1028	0014	7.00	10.5	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, initial.

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-Bailer
B-Peristaltic Pump E-Piston Pump
C-QED Bladder Pump F-Dipper/Bottle

Filter Type: —
A-In-line Disposable C-Vacuum
B-Pressure X-Other _____

Sampling Device: C

X-Other: _____

Sample Tube Type: A
A-Teflon C-PVC X-Other: _____
B-Stainless Steel D-Polypropylene

WELL DATA

Well Elevation (at TOC): 1466.64 (ft/msl)

Depth to Water (DTW) (from TOC): 7.71 (ft)

Groundwater Elevation (site datum, from TOC): 1389.3 (ft/msl)

Total Well Depth (from TOC): 20.00 (ft)

Stick Up (from ground elevation): _____ (ft)

Casing ID: 2 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit gpm	pH (std)	Conductance (SC/EC) (umhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1036	.75	1st 4.57	1st 6.7	22.1	8.3	1.4		
1038	.75	2nd 4.55	2nd 6.9	22.5	5.9	1.3		
1040	.75	3rd 4.55	3rd 7.1	22.4	5.2	1.3		
		4th	4th					
Suggested range for 3 consec. readings or per 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 _____
070103	4.55	7.1	22.4	5.2	1.3		

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

Sample Appearance: CLEAR Odor: SLIGHT Color: NONE Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: SW/0-5 Outlook: CLOUDY, 85°F Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

FIELD COMMENTS

CALC: 20.00 − 7.71 = 12.29 × 0.163 = 2.00 × 3 = 6.00 GAL.

FLOW: 20 × 4 = 80 ÷ 60 = 1.33 × 6.00 = 7.98 MIN.

ACTUAL: 14.00 ÷ 1.33 = 10.52 GAL.

SAMPLE TIME: 1042

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
7.1.03	BEN RAMSEGAUER	Ben Ramsegauer	PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Site No.: | | |

Sample Point: MWB2I (Sample ID)

This Waste Management Field Information Form is Required. This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hr:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
07 01 03	1020	1:27	8.6	31.1	3.6

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Filter Device: Y or (N) 0.45 u or _____ u (circle or fill in)

Purging Device: C — A-Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

Filter Type: — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other _____

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: _____

X-Other: _____

WELL DATA

Well Elevation (at TOC)	Depth to Water (DTW) (from TOC)	Groundwater Elevation (site datum, from TOC)
1457.3 (ft msl)	9.02 (ft)	1367.1 (ft msl)

Total Well Depth (from TOC)	Stick Up (from ground elevation)	Casing ID	Casing Material
61.50 (ft)	(ft)	2 (in)	PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25°C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1042	1.15 1st	4.96 1st	36 1st	21.5 1st	36 1st	1.1 1st		
1044	1.15 2nd	4.89 2nd	35 2nd	21.5 2nd	32 2nd	1.2 2nd		
1046	1.15 3rd	4.83 3rd	35 3rd	21.5 3rd	31 3rd	1.1 3rd		
	4th	4th	4th	4th	4th	4th		
Suggested range for 3 consec. readings or note Permit/State requirements		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: _____ Units _____
07 01 03	4.83	35	21.5	31	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: SW @ 5 Outlook: P.C. 85°F Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

FIELD COMMENTS

CALC: 61.50 - 9.02 = 52.48 x 0.163 = 8.55 x 3 = 25.64

FLOW: 13 x 4 = 52 ÷ 60 = 0.867 x 25.66 = 22.24

ACTUAL: 27 ÷ 0.864 = 31.1

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
7/1/03	DAN ARMOUR		PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R. 12/00

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: TRAILRIDGE
Site No.:
Sample Point: MW35 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hr:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
07 01 03	09 30	1 10	21	100	K8

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N
Purging Device: C
Sampling Device: C
X-Other:
A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle
Filter Device: Y or (N) 0.45 µ or ____ µ (circle or fill in)
Filter Type: —
A-In-line Disposable, B-Pressure, C-Vacuum, X-Other
Sample Tube Type: A
A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): 1534.8 (ft/msl)
Depth to Water (DTW) (from TOC): 7.30 (ft)
Groundwater Elevation (site datum, from TOC): 1461.8 (ft/msl)
Total Well Depth (From TOC): 200.0 (ft)
Stick Up (From ground elevation): ____ (in)
Casing ID: 2 (in)
Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (umhos/cm @ 25°C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
09:36	1.0 3gm	4.83	414	22.5	6.8	1.5		
09:38	1.0 2nd	4.80	4.5	22.4	3.5	1.5		
09:40	1.0 3rd	4.77	4.5	22.4	3.5	1.5		
:	4th							
:								
:								
:								
:								
:								
Suggested range for 3 consec. readings or state 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
07 01 03	4.77	4.5	22.4	3.5	1.5		

Final Field Readings are required (i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.

Sample Appearance: CLEAR
Odor: NONE → SLIGHT
Color: NONE
Other: NO SHEEN

Weather Conditions (required daily, or as conditions change):
Direction/Speed: SW 0-5
Outlook: P.C. 85°F
Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

FIELD COMMENTS

CALC: 20.00 - 7.30 = 12.70 x 0.163 = 2.07 x 3 = 6.21
FLOW: 15 x 4 = 60 ÷ 60 = 1 x 6.21 = 6.21
ACTUAL: 10 ÷ 1 = 10.0

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
7/1/03	DAN ARMOUR		PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: TRAIL RIDGE
Site No.:
Sample Point: MWB3I
Sample ID

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only: Lab ID

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hr:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
07/01/03	0930	0030	8.11	34.6	4.3

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: [Y] or [N]
Filter Device: [Y] or [N] [0.45 u] or [ ] u (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: [ ]
X-Other:
Sample Tube Type: [ ] A-Tefion, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC)	Depth to Water (DTW) (from TOC)	Groundwater Elevation (site datum, from TOC)
5186 (ft msl)	12.29 (ft)	1139.57 (ft msl)

Total Well Depth (from TOC)	Stick Up (from ground elevation)	Casing ID	Casing Material
62.00 (ft)	(ft)	2 (in)	PVC

Note: Total Well Depth, Stick Up, Casing ID, etc. are optional and can be from historical data, unless required by State/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit gpm	pH (std)	Conductance (SC/EC) (umhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
09:53	1.0	4.93	33	22.0	1.1	0.9		
09:55	1.0	4.97	33	22.1	0.7	0.9		
09:57	1.0	4.95	33	22.0	0.5	0.9		
Suggested range for 3 consec. readings or state 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
07/01/03	4.95	33	22.0	0.5	0.9		

Final Field Readings are required (i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.

FIELD COMMENTS

Sample Appearance: CLEAR
Odor: SLIGHT
Color: NONE
Other: NO SHEEN
Weather Conditions (required daily, or as conditions change):
Direction/Speed: SW/0-5
Outlook: P Cloudy, 85F
Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

CALC: 62.00 - 12.29 = 49.71 x 0.163 = 8.10 x 3 = 24.31 GAL.
Pump: 13 x 4 = 52 ÷ 60 = 0.867 x 24.31 = 21.07 MIN.
ACTUAL: 30.00 ÷ 0.867 = 34.60 GAL.
SAMPLE TIME: 1000
COMPLETED DUP02 @ MWB3I

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
07/01/03	BEN RAMSEAUER	Ben Ramseauer	PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029/WM R: 12/00

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Site No.:

Sample Point: MW 87S (Sample ID)

This Waste Management Field Information Form is Required. This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory)

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs/min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
070103	0900	15	20	90	44

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or (N)

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other:

Filter Device: (Y) or (N) ~~0.45 µ~~ or 1.00 µ (circle or fill in)

Filter Type: A — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): 12329 (ft/msl)

Depth to Water (DTW) (from TOC): 762 (ft)

Groundwater Elevation (site datum, from TOC): 11567 (ft/msl)

Total Well Depth (from TOC): 2000 (ft)

Stick Up (from ground elevation): (ft)

Casing ID: 2 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit (gpm)	pH (std)	Conductance (SC/EC) (umhos/cm @ 25°C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
0910	0.6 1st	4.95 1st	115	266	864	10		
0912	0.6 2nd	4.95 2nd	114	266	807	10		
0914	0.6 3rd	4.94 3rd	114	266	796	10		
	4th	4th						
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
070103	494	114	266	796	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.*

FIELD COMMENTS

Sample Appearance: SLT. CLOUDY — Odor: ODOR — Color: BROWN — Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: SW 0-5 — Outlook: P.C. 85°F — Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

CALC: 20.00-7.62 = 12.38 x 0.163 = 2.02 x 3 = 6.05

FLOW: 25x4 = 100 ÷ 60 = 1.67 x 6.05 = 10.08

ACTUAL: 15 ÷ 1.67 = 8.98

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
7/1/03	DAN ARMOUR	[signature]	PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Site No.: | | | |

Sample Point: MW87I (Sample ID)

This Waste Management Field Information Form is Required. This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hr:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
07 01 03	08:20	1:32	19.9	34.3	3.5

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Purging Device: C

Sampling Device: C

X-Other:

A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Filter Device: Y or (N) 0.45 u or ____ u (circle or fill in)

Filter Type: —

A-In-line Disposable, B-Pressure, C-Vacuum, X-Other ____

Sample Tube Type: A

A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: ____

WELL DATA

Well Elevation (at TOC): 1253 (ft/msl)

Depth to Water (DTW) (from TOC): 41.1 (ft)

Groundwater Elevation (site datum, from TOC): 1174.2 (ft/msl)

Total Well Depth (from TOC): 650.0 (ft)

Stick Up (from ground elevation): ____ (ft)

Casing ID: 2 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (umhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
08:27	1.1 1st	5.34 1st	43 1st	22.6 1st	2.6 1st	1.1 1st		
08:28	1.1 2nd	5.38 2nd	43 2nd	22.5 2nd	2.8 2nd	1.0 2nd		
08:31	1.1 3rd	5.37 3rd	43 3rd	22.5 3rd	2.8 3rd	1.0 3rd		
	4th	4th	4th					
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	—	—	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
07 01 03	5.37	43	22.5	2.8	1.0		

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: CLEAR Odor: SLIGHT Color: NONE Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: SW 0-5 Outlook: P.C. 85°F Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

CALC: 65.00 - 41.1 = 60.89 x 0.163 = 9.93 x 3 = 29.78

FLOW: 14 x 4 = 56 ÷ 60 = 0.933 x 29.78 = 27.8

ACTUAL: 32 ÷ 0.933 = 34.3

COMPLETED DUP01 @ MW87I

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
7/1/03	DAN ARMOUR		PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL 8029WM R: 12/00

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Site No.:

Sample Point: MW37D (Sample ID)

This Waste Management Field Information Form is Required. This form is to be completed, in addition to any State forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hr:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
07 01 03	0840	1:15	2.9	12.5	4.3

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/#/Low Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Purging Device: C

Sampling Device: C

A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

X-Other:

Filter Device: Y or (N) [0.45 u] or [ ] u (circle or fill in)

Filter Type: —

A-In-line Disposable, B-Pressure, C-Vacuum, X-Other:

Sample Tube Type: A

A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC)	Depth to Water (DTW) (from TOC)	Groundwater Elevation (site datum, from TOC)
1216.5 (ft/msl)	147 (ft)	1210.8 (ft/msl)

Total Well Depth (from TOC)	Stick Up (from ground elevation)	Casing ID	Casing Material
1170.0 (ft)	(ft)	2 (in)	PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25°C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
0835	0.2 1"	7.19 1"	349 1"	22.2 1"	1.10	0.8		
0842	0.3 2"	7.21 2"	349 2"	22.2 2"	0.9	0.8		
0854	0.3 3"	7.25 3"	349 3"	222 3"	0.5	0.8		
	4"		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 (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: / Units
07 01 03	7.25	349	22.2	0.9	0.8		

Final Field Readings are required (i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.

FIELD COMMENTS

Sample Appearance: CLEAR Odor: NONE Color: NONE Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: SW 0.5 Outlook: P.C. 85° Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required): Purge Missed 99.00 ft.

CALC: 117.00-99.00 = 18.00 x 0.163 = 2.9 x 3 = 8.8

FLOW: 18 x 4 = 72 - 60 = 1.2 x 8.8 = 10.56

ACTUAL: 15 ÷ 1.2 = 12.5

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
7/1/03	DAN ARMOUR		PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Site No.:

Sample Point: MW B1 1 5 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs.min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
070203	0836	0012	12	78	68

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-OED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other:

Filter Type: A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): 12081 (ft.msl)

Depth to Water (DTW) (from TOC): 1245 (ft)

Groundwater Elevation (site datum, from TOC): 10834 (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.

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)
0842	.65 1st	426 1st	174	211	30	15		
0844	.65 2nd	425 2nd	175	213	38	15		
0846	.65 3rd	423 3rd	177	221	03	15		
	4th	4th						
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (µmhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
070203	423	177	221	03	15		

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: CLEAR — Odor: NONE — Color: NONE — Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: SW/6-5 — Outlook: OVERCAST, 80°F — Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

CALC: 19.50 - 12.45 = 7.05 x 0.163 = 1.15 x 3 = 3.45 GALS.

FLOW: 23 x 4 = 92 - 60 = 1.53 x 3.45 = 5.29 MIN.

ACTUAL: 12.00 - 1.53 = 7.84 GAL.

SAMPLE TIME: 0848

COMPLETED DUP04

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
7/2/03	BEN RAMJEAWAN	Ben Ramjeawan	PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R 12/00

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Site No.:

Sample Point: MW B11 I (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
070203	0825	0030	96	375	39

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: Y or N

Filter Device: Y or ~~N~~ ~~0.45 µ~~ or 1.00 µ (circle or fill in)

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-OED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other:

Filter Type: A — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): 12043 (ft/msl)

Depth to Water (DTW) (from TOC): 376 (ft)

Groundwater Elevation (site datum, from TOC): 11667 (ft/msl)

Total Well Depth (from TOC): 6250 (ft)

Stick Up (from ground elevation): (ft)

Casing ID: 2 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit gpm	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25°C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
08:48	1.3 1st	523 1st	40	23.1	423	0.9		
08:50	1.3 2nd	528 2nd	40	23.1	448	0.9		
08:52	.3 3rd	528 3rd	40	23.0	453	0.9		
	4th	4th						
Suggested range for 3 consec. readings or note Permit/State requirements		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
070203	523	40	23	453	09		

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: CLOUDY — Odor: NONE — Color: WHITE — Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: SW/0-5 — Outlook: OVERCAST, 80°F — Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required):

CALC: 62.50 - 3.76 = 58.74 x 0.163 = 9.57 x 3 = 28.72 GAL.

FLOW: 12 x 4 = 48 ÷ 60 = 0.8 x 28.72 = 22.97 MIN.

ACTUAL: 30.00 ÷ 0.8 = 37.50 GAL.

SAMPLE TIME: 0855

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
7/2/03	BEN RAMJEAWAN	Ben Ramjeawan	PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R. 12/00

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Site No.:

Sample Point: MW B 11 I

Sample ID (R)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only, Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
040203	0830	1:02	70	227	32

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: Y or (N)

Purging Device: B — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: B

X-Other:

Filter Device: (Y) or N — ~~[illegible]~~ or 1.00 ft (circle or fill in)

Filter Type: A — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): NA (ft/msl)

Depth to Water (DTW) (from TOC): 1244 (ft)

Groundwater Elevation (site datum, from TOC): NA (ft/msl)

Total Well Depth (from TOC): 5550 (ft)

Stick Up (from ground elevation): (ft)

Casing ID: 2 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit gpm	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
09:27	0.37 1st	512 1st	38	231	792	13		
09:29	0.37 2nd	516 2nd	38	231	781	13		
09:31	0.37 3rd	510 3rd	38	231	786	13		
	4th	4th						
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
070203	510	38	231	786	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.*

FIELD COMMENTS

Sample Appearance: SLT. CLOUDY — Odor: SLIGHT — Color: BROWN — Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: SE CALM — Outlook: Cloudy 80°F — Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

CALC 55.50 - 12.44 = 43.06 x 0.163 = 7.02 x 3 = 21.06

FLOW: 41 x 4 = 164 ÷ 60 = 2.73 x 21.06 = 57.6

ACTUAL 62 ÷ 2.73 = 22.71

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
7/2/03	DAN ARMOUR	[signature]	PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Site No.:

Sample Point: MW 0125 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the Laboratory)

Laboratory Use Only, Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs/min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
070103	1821	13	24	115	47

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or (N)

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other:

Filter Device: Y or (N) 0.45 μ or ____ μ (circle or fill in)

Filter Type: — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): 12463 (ft/msl)

Depth to Water (DTW) (from TOC): 967 (ft)

Groundwater Elevation (site datum, from TOC): 11496 (ft/msl)

Total Well Depth (from TOC): 2450 (ft)

Stick Up (from ground elevation): ____ (ft)

Casing ID: ____ (in)

Casing Material: ____

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit (gpm)	pH (std)	Conductance (SC/EC) (μmhos/cm @ 25°C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1829	0.88 1st	542 1st	114	229	173	25		
1831	0.88 2nd	545 2nd	116	228	177	25		
1833	0.88 3rd	547 3rd	116	228	176	25		
	4th	4th						
Suggested range for 3 consec. readings or note Permit State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (μmhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
070103	547	116	228	176	25		

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: SLT. CLOUDY — Odor: NONE — Color: D. BROWN — Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: SE 0-5 — Outlook: P.C. 90°F — Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

CALC: 24.50 - 9.67 = 14.83 x 0.163 = 2.42 x 3 = 7.25

FLOW: 17 x 4 = 68 ÷ 60 = 1.13 x 7.25 = 8.19

ACTUAL: 13 ÷ 1.13 = 115

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
7/1/03	DAN ARMOUR	[signature]	PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Site No.:

Sample Point: MW 812 I (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
~~7~~ 8 0 1 0 3 07	1 8 1 5	3 5	1 0 3	3 5 0	3 4

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or (N)

Filter Device: Y or (N) 0.45 µ or ____ µ (circle or fill in)

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

Filter Type: — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

X-Other:

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): 1 2 4 6 2 (ft/msl)

Depth to Water (DTW) (from TOC): 8 4 8 (ft)

Groundwater Elevation (site datum, from TOC): 1 1 6 1 4 (ft/msl)

Total Well Depth (from TOC): 7 1 5 0 (ft)

Stick Up (from ground elevation): (ft)

Casing ID: 2 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25°C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
18:45	1.0 1st	5.47 1st	41	22.8	43	11		
18:47	1.0 2nd	5.39 2nd	41	22.7	41	10		
18:49	1.0 3rd	5.40 3rd	41	23.7	40	11		
	4th	4th						
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
0 7 0 1 0 3	5 4 0	4 1	2 2 7	4 0	1 1		

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: CLEAR — Odor: SLIGHT — Color: NONE — Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: SE 0-5 — Outlook: P.C. 90% — Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

CALC: 71.50-8.48 = 63.02 x 0.163 = 10.27 x 3 = 30.82

FLOW: 15 x 4 = 60 ÷ 60 = 1 x 30.82 = 30.82

ACTUAL: 35 ÷ 1 = 35.0

I certify that sampling procedures were in accordance with applicable EPA, State and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
7/1/03	DAN ARMOUR	[signature]	PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Site No.:

Sample Point: MW B12D (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory)

Laboratory Use Only, Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
070103	1819	13	24	108	45

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: Y or N

Filter Device: Y or N 0.45 µ or ___ µ (circle or fill in)

Purging Device: C — A-Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

Filter Type: — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

X-Other:

WELL DATA

Well Elevation (at TOC): 12456 (ft msl)

Depth to Water (DTW) (from TOC): 572 (ft)

Groundwater Elevation (site datum, from TOC): 11884 (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 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)
18:27	0.8 1st	7.26 1st	395	228	52	0.9		
18:29	0.8 2nd	7.23 2nd	397	228	49	0.8		
18:31	0.8 3rd	7.22 3rd	398	227	48	0.8		
:	4th	4th						
:								
:								
:								
:								
:								
:								
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	-	-	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
070103	7.22	398	227	48	0.8		

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: CLEAR — Odor: NONE — Color: NONE — Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: SE 0-5 — Outlook: P.C. 90°F — Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): Purge Mish @ 97.50 ft

CALC: 112.00 - 97.50 = 14.50 x 0.163 = 2.36 x 3 = 7.091

FLOW: 18 x 4 = 72 ÷ 60 = 1.2 x 7.091 = 8.5

ACTUAL: 13 ÷ 1.2 = 10.8

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
7/1/03	DAN ARMOUR	[signature]	PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: TRAIL RIDGE
Site No.:
Sample Point: MW-B-35
Sample ID

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hr:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
07/02/03	0638	00:07	22	26	12

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N
Purging Device: C
Sampling Device: C
X-Other:

A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Filter Device: Y or (N) 0.45 u or ____ u (circle or fill in)
Filter Type: ____ A-In-line Disposable, B-Pressure, C-Vacuum, X-Other ____
Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: ____

WELL DATA

Well Elevation (at TOC)	Depth to Water (DTW) (from TOC)	Groundwater Elevation (site datum, from TOC)
12666 (ft/msl)	1322 (ft)	1184 (ft/msl)

Total Well Depth (from TOC)	Stick Up (from ground elevation)	Casing ID	Casing Material
2656 (ft)	____ (ft)	2 (in)	PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (umhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
0645	0.5 gpm	5.37	1177	24.3	32	3.1		
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
07/02/03	5.29	1177	24.1	4.6	2.6		

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: CLEAR — Odor: NONE — Color: NONE — Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: SW/5-5 — Outlook: P. CLOUDY, 70°F — Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

CALC: 26.56 − 13.22 = 13.34 × 0.163 = 2.17 × 3 = 6.51 GAL.
FLOW: 30 × 4 = 120 ÷ 60 = 2.00 × 6.51 = 13.02 MIN.
ACTUAL: PURGED DRY @ 2.60 GAL.
SAMPLED ON RECOVERY — SAMPLE TIME: 0715

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
7/2/03	BEN RAMSEYER	Ben Ramseyer	PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Site No.:

Sample Point: MW B 25 S 13I

Sample ID BR

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
070203	0629	0026	68	260	38

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 ~~0.25 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

Sampling Device: C

Filter Type: A — 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): 12598 (ft/msl)

Depth to Water (DTW) (from TOC): ~~7.95~~ 18.91 (ft) BR

Groundwater Elevation (site datum, from TOC): 10707 (ft/msl)

Total Well Depth (from TOC): 6048 (ft)

Stick Up (from ground elevation): (ft)

Casing ID: 2 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit gpm	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
0649	1.0 1st	508 1st	40	227	335	12		
0651	1.0 2nd	506 2nd	35	225	334	12		
0653	1.0 3rd	509 3rd	35	221	300	11		
	4th	4th						
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	–	–	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (µmhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
070103	509	35	221	300	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.*

FIELD COMMENTS

Sample Appearance: SLT. CLOUDY — Odor: SLIGHT — Color: LT. BROWN — Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: SW/0-5 — Outlook: CLOUDY, 70°F — Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required):

CALC: 60.48 − 18.91 = 41.57 × 0.163 = 6.78 × 3 = 20.32 GAL.

FLOW: 15 × 4 = 60 ÷ 60 = 1.00 × 20.32 = 20.32 MIN.

ACTUAL: 26.00 ÷ 1.00 = 26.00 GAL.

SAMPLE TIME: 0655

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
7/2/03	BEN RAMJEAWAN	Ben Ramjeawan	PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12:00

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: TRAIL RIDGE
Site No.:
Sample Point: MW-B-145 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hr:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
070103	1548	1:19	09	3.4	3.8

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w. Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N
Filter Device: Y or (N) 0.45 µ or _____ µ (circle or fill in)

Purging Device: C
Sampling Device: C
X-Other:

A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Filter Type: ~
A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A
A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC)	Depth to Water (DTW) (from TOC)	Groundwater Elevation (site datum, from TOC)
1260.5 NA (ft msl)	13.23 (ft)	1247.27 NA (ft msl)

Total Well Depth (from TOC)	Stick Up (from ground elevation)	Casing ID	Casing Material
1850 (ft)	(ft)	2 (in)	PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by State/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit gpm	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1603	0.18 1st	4.90 1st	77 1st	23.5	5.4	1.4		
1604	0.18 2nd	4.95 2nd	75 2nd	23.5	5.7	1.5		
1606	0.18 3rd	4.92 3rd	75 3rd	23.4	5.8	1.5		
	4th	4th	4th					
Suggested range for 3 consec. readings or more 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 always 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
070103	4.92	75	23.4	5.8	1.5		

Final Field Readings are required (i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.

FIELD COMMENTS

Sample Appearance: CLEAR
Odor: NONE
Color: NONE
Other: NO SHEEN

Weather Conditions (required daily, or as conditions change):
Direction/Speed: SW 05
Outlook: Hot by 90°F
Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

CALC: 18.50 - 13.23 = 5.27 x 0.163 = 0.86 x 3 = 2.58
FLOW: 84 x 4 = 336 ÷ 60 = 5.6 x 2.58 = 14.45
ACTUAL: 19 ÷ 5.6 = 3.4

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
7/1/03	DAN ARMEJR		PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Site No.:

Sample Point: MW-B17S (Sample ID)

This Waste Management Field Information Form is Required!
This form is to be completed, in addition to any State forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e., with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hr:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
07 01 03	0640	00:20	19	16.7	3.7

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other:

Filter Device: Y or (N) 0.45 µ or _____ µ (circle or fill in)

Filter Type: _____ A-In-line Disposable, B-Pressure, C-Vacuum, X-Other _____

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: _____

WELL DATA

Well Elevation (at TOC)	Depth to Water (DTW) (from TOC)	Groundwater Elevation (site datum, from TOC)
1383.1 (ft/msl)	66.0 (ft)	1317.1 (ft/msl)

Total Well Depth (from TOC)	Stick Up (from ground elevation)	Casing ID	Casing Material
183.1 (ft)	(ft)	2 (in)	PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit gpm	pH (std)	Conductance (SC/EC) (umhos/cm @ 25°C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
0650	.83	5.10	56	25.4	138	1.1		
0652	.83	5.11	51	25.2	123	1.1		
0654	.83	5.12	51	25.2	120	1.1		
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	-	-	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional (i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use appropriate 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 _____
07 01 03	5.12	51	25.2	120	1.1		

Final Field Readings are required (i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.

FIELD COMMENTS

Sample Appearance: CLEAR Odor: YES Color: NONE Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: SW/0-5 Outlook: P.CLOUDY 80°F Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

CALC: 18.31 - 6.60 = 11.71 X 0.163 = 1.91 X 3 = 5.73 GAL.

FLOW: 18 X 4 = 72 ÷ 60 = 1.2 X 5.73 = 6.88 MIN.

ACTUAL: 20.00 ÷ 1.2 = 16.67 GAL.

SAMPLE TIME: 0700

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
07/01/03	BEN RAMSEYER	Ben Ramseyer	PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Site No.:

Sample Point: MW 87 T (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs/min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
070103	07:38	00:32	94	299	32

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Filter Device: Y or (N) 0.45 µ or ____ µ (circle or fill in)

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

Filter Type: A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

X-Other:

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): 13843 (ft/msl)

Depth to Water (DTW) (from TOC): 255 (ft)

Groundwater Elevation (site datum, from TOC): 13588 (ft/msl)

Total Well Depth (from TOC): 6013 (ft)

Stick Up (from ground elevation): (ft)

Casing ID: 2 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit gpm	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25°C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
08:05	.75	5.15	31	22.5	19	0.8		
05:07	.75	5.18	31	22.5	16	0.8		
08:09	.75	5.22	31	22.4	14	0.8		
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	–	–	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (µmhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
070103	5.22	31	22.4	14			

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: CLEAR — Odor: YES — Color: NONE — Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: SW/0-5 — Outlook: P. CLOUDY, 80°F — Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

CALC: 60.13 - 2.55 = 57.58 x 0.163 = 9.38 x 3 = 28.15 GAL.

FLOW: 16 x 4 = 64 ÷ 60 = 1.07 x 28.15 = 30.12 MIN.

ACTUAL: 32.00 ÷ 1.07 = 29.91 GAL.

SAMPLE TIME: 0810

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
07/01/03	BEN RAMJEAWAN	Ben Ramjeawan	PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: TEAL RIDGE

Site No.: ____ Sample Point: MW-B17D (Sample ID)

This Waste Management Field Information Form is Required. This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only: Lab ID: ____

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hr:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
07 01 03	06:20	01:25	19.7	79.4	4.0

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 u or ____ u (circle or fill in)

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C — same codes

Filter Type: ____ — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other ____

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: ____

X-Other: ____

WELL DATA

Well Elevation (at TOC)	Depth to Water (DTW) (from TOC)	Groundwater Elevation (site datum, from TOC)
1385.2 (ft/msl)	66.0 (ft)	1319.2 (ft/msl)

Total Well Depth (from TOC)	Stick Up (from ground elevation)	Casing ID	Casing Material
1273.2 (ft)	____ (ft)	2 (in)	PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be correct.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit gpm	pH (std)	Conductance (SC/EC) (umhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
07:23	1" .93	1" 5.50	1" 69	21.8	2.1	1.0		
07:25	2" .93	2" 5.53	2" 69	21.6	2.0	1.0		
07:27	3" .93	3" 5.56	3" 69	21.8	1.9	1.0		
:	4"	4"	4"					
:								
:								
:								
:								
:								
:								
Suggested range for 3 consec. readings or state 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 ____
07 01 03	5.56	69	21.8	1.9	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: YES Color: NONE Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: SW/0-5 Outlook: P. CLOUDY, 80°F Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

FIELD COMMENTS

CALC: 127.32 − 2.60 = 120.72 × 0.163 = 19.68 × 3 = 59.03 GAL

FLOW: 16 × 4 = 64 ÷ 60 = 1.07 × 59.03 = 62.96 MIN.

ACTUAL: 85 ÷ 1.07 = 79.43 GAL.

SAMPLE TIME: 0745

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
07/01/03	BEN RAMSEAUR	Ben Ramseaur	PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample. YELLOW - Returned to Client. PINK - Field Copy

STL-8029WM R: 12/00

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Site No.:

Sample Point: MW-19S (Sample ID)

This Waste Management Field Information Form is Required. This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only: Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hr:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
07 01 03	0740	1:13	22	103	4.7

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Filter Device: Y or (N) 0.45 u or _____ u (circle or fill in)

Purging Device: C

Sampling Device: C

A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle, X-Other: _____

Filter Type: —

A-In-line Disposable, B-Pressure, C-Vacuum, X-Other: _____

Sample Tube Type: A

A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: _____

WELL DATA

Well Elevation (at TOC)	Depth to Water (DTW) (from TOC)	Groundwater Elevation (site datum, from TOC)
1273.8 (ft/msl)	6.41 (ft)	1209.7 (ft/msl)

Total Well Depth (from TOC)	Stick Up (from ground elevation)	Casing ID	Casing Material
200.0 (ft)	(ft)	2 (in)	PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit SPM	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
0748	0.79 1st	5.01 1st	1100 1st	24.9	4.7	0.8		
0756	0.79 2nd	5.00 2nd	1100 2nd	24.8	4.6	0.8		
0752	0.79 3rd	5.00 3rd	99 3rd	24.9	4.6	0.8		
	4th	4th						
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional (i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: _____ Units _____
07 01 03	5.00	99	24.9	4.6	0.8		

Final Field Readings are required (i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.

FIELD COMMENTS

Sample Appearance: CLEAR Odor: ODOR Color: NONE Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: SW 0-5 Outlook: P.C. 80°F Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

CALC: 20.00 - 6.41 = 13.59 x 0.163; 2.22 x 3 = 6.65

FLOW: 19 x 4 = 76 ÷ 60 = 1.267 x 6.65 = 8.42

ACTUAL 13 ÷ 1.267 = 10.3

I certify that sampling procedures were in accordance with applicable EPA, State and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
7/1/03	DAN ARMOUR		PRI-ENV

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Site No.:

Sample Point: MW319I (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory)

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs/min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
070103	0706	28	84	300	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 ft~~ or 1.00 ft (circle or fill in)

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

Filter Type: A — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

X-Other:

WELL DATA

Well Elevation (at TOC): 12794 (ft/msl)

Depth to Water (DTW) (from TOC): 734 (ft)

Groundwater Elevation (site datum, from TOC): 12060 (ft/msl)

Total Well Depth (from TOC): 5900 (ft)

Stick Up (from ground elevation): (ft)

Casing ID: 2 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit (gpm)	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
0729	1.1	1st 438	1st 39	222	743	0.9		
0731	1.1	2nd 441	2nd 39	222	746	0.9		
0733	1.1	3rd 441	3rd 39	222	751	0.9		
		4th	4th					
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (µmhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
070103	441	39	222	751	0.9		

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: SLT. CLOUDY — Odor: SLIGHT — Color: Whitish tan — Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: SW 0-5 — Outlook: P.C. 80 °F — Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required):

CALC: 59.00-7.34 = 51.66 x 0.163 = 8.42 x 3 = 25.26

FLOW: 14 x 4 = 56 ÷ 60 = 0.933 x 25.26 = 23.58

ACTUAL: 28 ÷ 0.933 = 30.0

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
7/1/03	Dan Armour	[signature]	Pro-Tech

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Site No.: | Sample Point: MW-19D (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
07 01 03	0607	5:4	17.7	57.9	3 3

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below:

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Filter Device: Y or (N) 0.45 µ or _____ µ (circle or fill in)

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other:

Filter Type: — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other: _____

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: _____

WELL DATA

Well Elevation (at TOC) (ft/msl)	Depth to Water (DTW) (from TOC) (ft)	Groundwater Elevation (site datum, from TOC) (ft/msl)
1283	7.12	1211

Total Well Depth (from TOC) (ft)	Stick Up (from ground elevation) (ft)	Casing ID (in)	Casing Material
115.50		2	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)
0656	1.1 gpm	7.16	3.71	21.8	6.7	0.9		
0659	1.1 2nd	7.15	3.71	21.7	6.6	0.9		
0700	1.1 3rd	7.15	3.71	21.7	6.8	0.9		
:	4th							
:								
:								
:								
:								
:								
:								
Suggested range for 3 consec. readings or case 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
07 01 03	7.15	3.71	21.7	6.8	0.9		

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: CLEAR Odor: NONE Color: NONE Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: SW 0-5 Outlook: P.C., 80% Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

CALC: 115.50 - 7.12 = 108.38 x 0.163 = 17.67 x 3 = 52.99

FLOW: 14 x 4 = 56 ÷ 60 = 0.933 x 53 = 49.5

ACTUAL: 54 ÷ 0.933 = 52.9

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
7/1/03	DAN ARMOUR		PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Site No.: | | | |

Sample Point: MW B 20S (Sample ID)

This Waste Management Field Information Form is Required. This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only Lab ID: _____

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hr:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
07 01 03	08:26	00:14	20	17.5	3

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Inlet Cell and Tubing/Inlet 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) 0.45µ or _____ (circle or fill in)

Purging Device: C

Sampling Device: C

A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle, X-Other: _____

Filter Type: _____ A-In-line Disposable, B-Pressure, C-Vacuum, X-Other: _____

Sample Tube Type: A (A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: _____)

WELL DATA

Well Elevation (at TOC)	Depth to Water (DTW) (from TOC)	Groundwater Elevation (site datum, from TOC)
1201 (ft/msl)	7.55 (ft)	113.46 (ft/msl)

Total Well Depth (from TOC)	Stick Up (from ground elevation)	Casing ID	Casing Material
20.00 (ft)	(ft)	2 (in)	PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25°C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
08:32	1.3 gpm	4.15	132	22.0	6.0	0.9		
08:34	1.3	4.23	136	21.9	2.7	0.9		
08:36	1.3	4.21	138	25.0	2.1	0.8		
Suggested range for 3 consec. readings or state 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 _____
07 01 03	4.21	138	28.0	2.1	0.9		

Final Field Readings are required (i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.

Sample Appearance: CLEAR Odor: NONE Color: NONE Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: SW 0-5 Outlook: P. CLOUDY, 80°F Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

FIELD COMMENTS

CALC: 20.00 − 7.55 = 12.45 × 0.163 = 2.02 × 3 = 6.08 GAL

FLOW: 12 × 4 = 48 ÷ 60 = 0.8 × 6.08 = 4.87 MIN.

ACTUAL: 14.0 ÷ 0.8 = 17.5 GAL.

SAMPLE TIME: 0840

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
7/1/03	BEN RAMSEAUR	Ben Ramseaur	PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

FIELD INFORMATION FORM

WM Waste Management

Site Name: TRAIL RIDGE
Site No.:
Sample Point: MW821S
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 sent with the cooler that is returned to the laboratory.

Laboratory Use Only Lab ID

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 hr Clock)	ELAPSED HRS (hr:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLS PURGED
07 02 03	09 41		12	10	2

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" to Water Vol in Tubing (from Cell and Tubing Flow Cell Vols Purged). Mark changes on original Field Form Only.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment: Dedicated (Y) or N
Purging Device: C
Sampling Device: C
A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle, X-Other
Filter Device: Y or (N); 0.45 µ or ____ µ (circle one)
Filter Type: —
A-In-line Disposable, B-Pressure, C-Vacuum, X-Other ____
Sample Tube Type: A
A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: ____

WELL DATA

Well Elevation (at TOC): 1228.4 (ft msl)
Depth to Water (DTW) (from TOC): 10.56 (ft)
Groundwater Elevation (site datum, from TOC): 1117.84 (ft msl)
Total Well Depth (from TOC): 18.00 (ft)
Stick Up (from ground elevation): ____ (ft)
Casing ID: 2 (in)
Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be entered.

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)
09:35	1.0 spm	5.20	.65	22.3	7.0	1.0		
09:42	1.0 spm	5.15	.65	22.3	4.6	0.9		
09:49	1.0 spm	5.13	.64	22.4	4.6	0.8		
	spm							
	spm							
	spm							
	spm							
	spm							
	spm							
	spm							
	spm							
Required temp for 3 consec readings (if req'd per State requirements)		+/- 0.2	+/- 3%	—	—	+/- 10%	+/- 25 mV	30 min.

Stabilization Data Fields are Optional (i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where final (4) field measurements are required by a 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. Ignore fields above not required, use separate sheet if more space is needed.

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (µmhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units
07 02 03	5.13	64	22.4	4.6	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: SE CALM
Outlook: P.C. 80°F
Precipitation: Y or (N)

FIELD COMMENTS

Specific Comments (including purge/well volume calculations if required):

CALC: 18.00 - 10.56 = 7.44 x 0.163 = 1.21 x 3 = 3.63
FLOW: 15 x 4 = 60 ÷ 60 = 1 x 3.63 = 3.63
ACTUAL: 11 ÷ 1 = 11.0

I certify that sampling procedures were in accordance with applicable EPA, State and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
7 2 03	BEN RAMTERAN	for Ben R.	PRO-TECH

DISTRIBUTION: WHITE-ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

SVL-8022 5 1/2"

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Site No.:

Sample Point: MWB22S (Sample ID)

This Waste Management Field Information Form is Required. This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only, Lab ID

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (minimum)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLS PURGED
070203	1010	15	24	150	62

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) 0.25 u or ___ u (circle to 0.1 u)

Purging Device: C — A-Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

Filter Type: — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

X-Other

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other

WELL DATA

Well Elevation (at TOC): 12697 (ft/msl) Depth to Water (DTW) (from TOC): 1138 (ft) Groundwater Elevation (site datum, from TOC): 11559 (ft/msl)

Total Well Depth (from TOC): 2600 (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 Spm	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25°C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1017	1.0	570	141	243	53	09		
1019	1.0	569	142	243	49	09		
1021	1.0	562	142	243	~~56~~ 46	09		
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. (Future fields above are needed, use separate sheet in 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
070203	562	142	243	46	09		

Final Field Readings are required (i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site).

FIELD COMMENTS

Sample Appearance: CLEAR Odor: NONE Color: NONE Other: NO SMEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: SE CALM Outlook: P.C. 85°C Precipitation: 1 (Y)

Specific Comments (including purge/well volume calculations if required):

CALC: 26.00-11.38 = 14.62 x 0.163 = 2.38 x 3 = 7.15

FLOW: 15x4 = 60÷60 = 1x7.15 = 7.15

ACTUAL: 15÷1 = 15.0

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
7 2 03	BEN RAMJEEWAN	[signature] BEN R.	PRO TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R 12/30

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Site No.: | Sample Point: MW B 2 3 S (Sample ID)

This Waste Management Field Information Form is Required

This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only: Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hr:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
07/10/03	1706	20	18	67	3 7

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w. Water Vol in Tubing Flow Cell and Tubing Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: Y or (N)

Purging Device: B — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: B

X-Other:

Filter Device: (Y) or N ~~0.45~~ or 1.00 in (circle or fill in)

Filter Type: A — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other:

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC)	Depth to Water (DTW) (from TOC)	Groundwater Elevation (site datum, from TOC)
1247.98 (ft/msl)	16.26 (ft)	1087.72 (ft/msl)

Total Well Depth (from TOC)	Stick Up (from ground elevation)	Casing ID	Casing Material
270 (ft)	(ft)	2 (in)	PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by State/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
17:21	0.3 1"	4.86 1"	90 1"	21.1 1"	28.1 1"	2.0 1"		
17:23	0.3 2"	4.85 2"	90 2"	21.9 2"	28.2 2"	1.9 2"		
17:25	0.3 3"	4.84 3"	90 3"	21.9 3"	29.5 3"	1.9 3"		
	4"	4"	4"	4"	4"	4"		
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 5%	--	--	+/- 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
07/10/03	4.84	90	21.9	29.5	1.9		

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

Sample Appearance: SLT. CLOUDY Odor: NONE Color: BROWN TINT Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: SE 0-5 Outlook: PC 90°F Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

FIELD COMMENTS

CALC: 27.00-16.26= 10.74x0.163= 1.75x3= 5.25

FLOW: 45x4= 180÷60=3x5.25= 15.25

ACTUAL: 20÷3: 6.67

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
7/10/03	DAN ARMOUR		PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL 8029WM R: 12/00

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: TRAIL RIDGE
Site No.:
Sample Point: MW327S (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hr:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
6/9/03	15:30	00:12	15	10.0	6.7

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N
Filter Device: Y or (S) 0.45 µ or ____ µ (circle or fill in)

Purging Device: C
Sampling Device: C
X-Other:

A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Filter Type: T (A-In-line Disposable, B-Pressure, C-Vacuum, X-Other ____)

Sample Tube Type: A (A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: ____)

WELL DATA

Well Elevation (at TOC)	Depth to Water (DTW) (from TOC)	Groundwater Elevation (site datum, from TOC)	Total Well Depth (from TOC)	Stick Up (from ground elevation)	Casing ID	Casing Material
1284.2 (ft/msl)	6.38 (ft)	1220.4 (ft/msl)	15.50 (ft)	(ft)	2 (in)	PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit gpm	pH (std)	Conductance (SC/EC) (umhos/cm @ 25°C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
15:36	1: 6.3	1: 5.00	1: 54	24.6	155	1.0		
15:38	2: 8.3	2: 4.95	2: 51	23.8	109	0.9		
15:40	3: 8.3	3: 4.93	3: 51	23.0	105	1.1		
	4:	4:	4:					
Suggested range for 3 consec. readings or per 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
6/10/03	4.93	51	23.0	108	1.1		

Final Field Readings are required (i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.

FIELD COMMENTS

Sample Appearance: CLEAR
Odor: NONE
Color: NONE
Other: NO SHEEN

Weather Conditions (required daily, or as conditions change):
Direction/Speed: SW 0-5
Outlook: CLOUDY 90°F
Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

CALC: 15.50 - 6.38 = 9.12 X 0.163 = 1.49 X 3 = 4.46 GAL.
FLOW: 18 X 4 = 72.60 ÷ 1.2 X 4.46 = 5.35 MIN.
ACTUAL: 12.00 ÷ 1.2 = 10.0 GAL.

SAMPLE TIME: 1542

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
7/1/03	BEN RAMSEAUR	Ben Ramseaur	PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R. 12/00

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: TRAIL RIDGE
Site No.:
Sample Point: MW327I (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory)

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hr:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
07 01 03	1119	1:32	9.2	32.0	3.5

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N
Purging Device: C
Sampling Device: C
X-Other:
A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle
Filter Device: Y or (N) 0.45 u or ____ u (circle or fill in)
Filter Type: —
A-In-line Disposable, B-Pressure, C-Vacuum, X-Other
Sample Tube Type: A
A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): 1286.3 (ft/msl)
Depth to Water (DTW) (from TOC): 6.28 (ft)
Groundwater Elevation (site datum, from TOC): 1279.35 (ft/msl)
Total Well Depth (From TOC): 62.50 (ft)
Stick Up (from ground elevation): (ft)
Casing ID: 2 (in)
Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by 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) (umhos/cm @ 25°C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1146	1.0	5.63	56	21.9	159	1.0		
1148	1.0	5.70	56	21.6	163	0.9		
1150	1.0	5.72	56	21.5	152	0.9		
Suggested range for 3 consec. readings or none 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
07 01 03	5.72	56	21.5	152	0.9		

Final Field Readings are required (i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.

Sample Appearance: CLEAR
Odor: NONE
Color: NONE
Other: NO SHEEN
Weather Conditions (required daily, or as conditions change):
Direction/Speed: SW 0-5
Outlook: P.C. 85°F
Precipitation: Y or (N)

FIELD COMMENTS

Specific Comments (including purge/well volume calculations if required):

CALC: 62.50-6.28=56.22x0.163=9.16x3=27.49
FLOW: 15x4=60÷60=1x27.49=27.49
ACTUAL: 32÷1=32.0
SAMPLE TIME: 1151

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
7/1/03	DAN ARMOR		PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Site No.: [ ]

Sample Point: MW27D (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hr:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
07/01/03	16:00	00:25	33	188	5.7

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N — Filter Device: Y or (N) — 0.45 µ or [ ] µ (circle or fill in)

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other:

Filter Type: [ ] — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other [ ]

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: [ ]

WELL DATA

Well Elevation (at TOC)	Depth to Water (DTW) (from TOC)	Groundwater Elevation (site datum, from TOC)
1288.0 (ft/msl)	6.78 (ft)	1221.03 (ft/msl)

Total Well Depth (from TOC)	Stick Up (from ground elevation)	Casing ID	Casing Material
110.00 (ft)	[ ] (ft)	2 (in)	PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by State/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (umhos/cm @ 25°C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
16:19	7.5 gpm	6.38	1.03	22.3	5.5	5.5		
16:21	7.5	6.40	1.08	22.7	1.4	5.5		
16:23	7.5	6.41	1.11	21.9	1.3	5.5		
Suggested range for 3 consec. readings or more 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
07/01/03	6.41	1.11	21.9	1.3	5.5		

Final Field Readings are required (i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.

FIELD COMMENTS

Sample Appearance: CLEAR — Odor: SLIGHT — Color: NONE — Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: SW/0-5 — Outlook: CLOUDY 85°F — Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required): PURGE MISER @ 90.00 FT.

CALC: 110.00 - 90.00 = 20.00 X 0.163 = 3.26 X 3 = 9.78 GAL.

FLOW: 20 X 4 = 80 ÷ 60 = 1.33 X 9.78 = 13.00 MIN.

ACTUAL: 25.00 ÷ 1.33 = 18.8

SAMPLE TIME: 1625

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
7/1/03	BEN RAMSEAUR	Ben Ramseaur	PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Site No.: ____ Sample Point: MW-9S (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 received by the laboratory)

Laboratory Use Only, Lab ID: ____

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hr:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
07 01 03	1110	00:12	21	13.8	6.6

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N — Filter Device: Y or (N) — 0.45 u or ____ u (circle or fill in)

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

Filter Type: ____ — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other ____

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: ____

X-Other: ____

WELL DATA

Well Elevation (at TOC): 1380.2 (ft/msl) — Depth to Water (DTW) (from TOC): 7.18 (ft) — Groundwater Elevation (site datum, from TOC): 1372.84 (ft/msl)

Total Well Depth (from TOC): 20.00 (ft) — Stick Up (from ground elevation): ____ (ft) — Casing ID: 2 (in) — Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit gpm	pH (std)	Conductance (SC/EC) (umhos/cm @ 25°C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1106	1.2 1"	5.00 1"	36	24.9	4.5	1.4		
1108	1.2 2"	5.00 2"	36	24.7	4.4	1.4		
1110	1.2 3"	4.95 3"	37	24.6	3.4	1.3		
	4"	4"						
Suggested range for 3 consec. readings or state 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 ____
07 01 03	4.95	37	24.6	3.4	1.3		

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

Sample Appearance: CLEAR — Odor: SLIGHT — Color: NONE — Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): — Direction/Speed: SW @ 0-5 — Outlook: CLOUDY 85°F — Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

FIELD COMMENTS

CALC: 20.00 - 7.18 = 12.82 x 0.163 = 2.09 x 3 = 6.27 GAL.

FLOW: 13 x 4 = 52 ÷ 60 = 0.867 x 6.27 = 5.43 MIN.

ACTUAL: 12.00 ÷ 0.867 = 13.8 GAL.

SAMPLE TIME: 1112

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
7/1/03	BEN RAMSEAUER	Ben Ramseauer	PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R. 12-00

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Site No.:

Sample Point: MW829I (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory)

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
070103	1058	0638	94	518	55

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: Y or N

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-OED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other:

Filter Device: Y or N — ~~0.45 µ~~ or 1.00 µ (circle or fill in)

Filter Type: A — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): 13808 (ft/msl)

Depth to Water (DTW) (from TOC): 555 (ft)

Groundwater Elevation (site datum, from TOC): 13253 (ft/msl)

Total Well Depth (from TOC): 6350 (ft)

Stick Up (from ground elevation): (ft)

Casing ID: 2 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit gpm	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
11:30	1.3	533	38	236	796	10		
11:32	1.3	528	38	234	798	1.0		
11:34	1.3	525	39	232	799	0.9		
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 (µmhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
070103	525	39	232	799	09		

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: SLT. CLOUDY — Odor: SLIGHT — Color: WHITISH TINT — Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: SW/0-5 — Outlook: CLOUDY, 85°F — Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required):

CALC: 63.50 - 555 = 57.95 × 0.163 = 9.44 × 3 = 28.33 GAL.

FLOW: 11×4 = 44÷60 = 0.73 × 28.33 = 20.77 MIN.

ACTUAL: 38.00 ÷ 0.73 = 51.84 GAL.

SAMPLE TIME: 1136

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
7/01/03	BEN RAMJEAKIAN	Ben Ramjeakian	PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: TRAIL RIDGE B

Site No.:

Sample Point: MW 290 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
070103	1055	13	15	108	A2

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: Y or N

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other:

Filter Device: Y or N — 0.45 µ or ___ µ (circle or fill in)

Filter Type: — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): 13818 (ft/msl)

Depth to Water (DTW) (from TOC): 568 (ft)

Groundwater Elevation (site datum, from TOC): 13250 (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 Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit (gpm)	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25°C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
11:03	0.8 1st	577 1st	74	219	22	09		
11:05	0.8 2nd	573 2nd	74	219	20	09		
11:07	0.8 3rd	572 3rd	74	219	19	09		
	4th	4th						
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (µmhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
070103	572	74	219	19	09		

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: CLEAR — Odor: NONE — Color: NONE — Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: SW C-5 — Outlook: P.C. 85°F — Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): Purge Miser @ 101.50 ft

CALC: 110.50 - 101.50 = 9.00 x 0.163 = 1.467 x 3 = 4.401

FLOW: 18 x 4 = 72 ÷ 60 = 1.2 x 4.401 = 5.28

ACTUAL: 13 ÷ 1.2 = 10.83

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
7/1/03	DAN ARMOUR	[signature]	PRI-TOCH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Site No.:

Sample Point: MW-3 (Sample ID)

This Waste Management Field Information Form is Required. This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
07 01 03	09:54	1:13	24	108	4.5

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Filter Device: Y or (N) 0.45 u or _____ u (circle or fill in)

Purging Device: C

Sampling Device: C

A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Filter Type: -

A-In-line Disposable, B-Pressure, C-Vacuum, X-Other _____

X-Other:

Sample Tube Type: A

A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: _____

WELL DATA

Well Elevation (at TOC)	Depth to Water (DTW) (from TOC)	Groundwater Elevation (site datum, from TOC)
1561.5 (ft/msl)	17.08 (ft)	1390.7 (ft/msl)

Total Well Depth (from TOC)	Stick Up (from ground elevation)	Casing ID	Casing Material
129.0 (ft)	(ft)	2 (in)	PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by State/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit (gpm)	pH (std)	Conductance (SC/EC) (umhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
10:02	0.8 1"	6.89 1"	356	23.0	52	0.9		
10:04	0.8 2"	6.90 2"	373	22.1	5.2	0.9		
10:06	0.8 3"	6.95 3"	373	22.1	5.0	1.0		
	4"	4"						
Suggested range for 3 consec. readings or state 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 _____
07 01 03	6.95	373	22.1	5.0	1.0		

Final Field Readings are required (i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.

FIELD COMMENTS

Sample Appearance: CLEAR Odor: NONE Color: NONE Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: SW 0-5 Outlook: P.C. 85°F Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required): Purge Meter @ 114.50 ft

CALC: 129.00 - 114.50 = 14.50 x 0.163 = 2.363 x 3 = 7.09

FLOW: 18 x 4 = 72 ÷ 60 = 1.2 x 7.09 = 8.51

ACTUAL: 13 ÷ 1.2 = 10.8

SAMPLE TIME: 1007

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
7/1/03	DAN ARMOUR		PW TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Site No.:

Sample Point: MW B325 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
070203	0810	12	19	95	50

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

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

Sampling Device: C

Filter Type: A — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

X-Other:

WELL DATA

Well Elevation (at TOC): 12464 (ft/msl)

Depth to Water (DTW) (from TOC): 839 (ft)

Groundwater Elevation (site datum, from TOC): 11625 (ft/msl)

Total Well Depth (from TOC): 1990 (ft)

Stick Up (from ground elevation): (ft)

Casing ID: 2 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
0817	0.8	1st 604	1st 269	218	1930	13		
0819	0.8	2nd 600	2nd 272	218	1910	13		
0821	0.8	3rd 597	3rd 275	218	1960	12		
		4th	4th					
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
070203	597	275	218	1960	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.*

FIELD COMMENTS

Sample Appearance: CLOUDY — Odor: NONE — Color: BROWN — Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: SE CALM — Outlook: Cloudy 80°F — Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

CALC: 19.90 - 8.39 = 11.51 x 0.163 = 1.88 x 3 = 5.63

FLOW: 19 x 4 = 76 ÷ 60 = 1.267 x 5.63 = 7.13

ACTUAL: 12 ÷ 1.267 = 9.5

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
7/2/03	DAN ARMOUR	[signature]	PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample. YELLOW - Returned to Client. PINK - Field Copy

STL-8029WM R: 12/00

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: TRAIL RIDGE
Site No.:
Sample Point: MW832I
Sample ID

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hr:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
07 02 03	0742	0033	192	381	4

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w: Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N
Filter Device: (Y) or N or 1.00 in (circle or fill in)
Purging Device: C
Sampling Device: C
A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle
Filter Type: A (A-In-line Disposable, B-Pressure, C-Vacuum, X-Other)
Sample Tube Type: A (A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:)
X-Other:

WELL DATA

Well Elevation (at TOC)	Depth to Water (DTW) (from TOC)	Groundwater Elevation (site datum, from TOC)
1247.9 (ft/msl)	7.90 (ft)	1168.9 (ft/msl)

Total Well Depth (from TOC)	Stick Up (from ground elevation)	Casing ID	Casing Material
64.56 (ft)	(ft)	2 (in)	PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit gpm	pH (std)	Conductance (SC/EC) (umhos/cm @ 25°C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
0807	1.2	5.27	40	21.4	527.0	0.9		
0809	1.2	5.24	41	21.3	536.0	0.9		
0811	1.2	5.22	40	21.2	538.0	0.8		
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
07 02 03	5.22	40	21.2	538	0.8		

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: CLOUDY
Odor: NONE
Color: WHITE
Other: NO SHEEN
Weather Conditions (required daily, or as conditions change):
Direction/Speed: SW/0-5
Outlook: P CLOUDY, 85°F
Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

CALC: 64.56 - 7.90 = 56.56 x 0.163 = 9.23 x 3 = 27.71 GAL.
FLOW: 13 x 4 = 52 ÷ 60 = 0.867 x 27.71 = 24.02 MIN.
ACTUAL: 33.00 ÷ 0.867 = 38.06 GAL.
SAMPLE TIME: 0815

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
7/2/03	BEN RANGEARIAN	Ben Rangearian	PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-6029WM R: 12/00

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Site No.:

Sample Point: MWB32D (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs/min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
070203	0722	44	164	550	34

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N

Filter Device: (Y) or N ~~0.45~~ or 1.0 µ (circle or fill in)

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

Filter Type: A — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

X-Other:

WELL DATA

Well Elevation (at TOC): 12493 (ft/msl)

Depth to Water (DTW) (from TOC): 816 (ft)

Groundwater Elevation (site datum, from TOC): 11677 (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 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)
08:01	1.2	6.29	165	21.0	911	12		
08:03	1.2	6.31	165	20.9	897	13		
08:05	1.2	6.32	165	20.9	889	12		
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
070203	632	165	209	889	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.*

FIELD COMMENTS

Sample Appearance: CLOUDY — Odor: NONE — Color: WHITISH/TAN — Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: SE CALM — Outlook: cloudy 80°C — Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

CALC: 108.81 − 8.16 = 100.65 x 0.163 = 16.4 x 3 = 49.22

FLOW: 12x4 = 48 ÷ 60 = 0.8 x 49.22 = 39.37

ACTUAL: 44 ÷ 0.8 = 55.0

COMPLETED DUP03 AT MWB32D

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
9/2/03	DAN ARMOUR	[signature]	PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: TRAIL RIDGE | Site No.: | Sample Point: MW833S (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs.min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
07 02 03	07:04	1.2	11.6	8.2	5.1

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: C | Sampling Device: C | X-Other: ____

A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Filter Type: — | A-In-line Disposable, B-Pressure, C-Vacuum, X-Other ____

Sample Tube Type: A | A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: ____

WELL DATA

Well Elevation (at TOC): 1259.0 (ft/msl) | Depth to Water (DTW) (from TOC): 1039 (ft) | Groundwater Elevation (site datum, from TOC): 1151.1 (ft/msl)

Total Well Depth (from TOC): 2039 (ft) | Stick Up (from ground elevation): ____ (ft) | Casing ID: 2 (in) | Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit gpm	pH (std)	Conductance (SC/EC) (umhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
07:11	0.68 1"	5.18 1"	123 1"	22.7	143	1.3		
07:13	0.65 2"	5.18 2"	121 2"	22.7	140	1.2		
07:15	0.68 3"	5.05 3"	120 3"	22.7	136	1.2		
	4"	4"	4"					
Suggested range (or 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 ____
07 02 03	5.05	120	22.7	136	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: Brown Tint | Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: SE CALM | Outlook: Cloudy 80°F | Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

FIELD COMMENTS

CALC: 20.20 - 10.39 = 9.91 x 0.163 = 1.62 x 3 = 4.84

FLOW: 22 x 4 = 88 ÷ 60 = 1.467 x 4.84 = 7.1

ACTUAL: 12 ÷ 1.467 = 8.2

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
7.2.03	DAN ARMOUR		PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: TRAIL RIDGE
Site No.:
Sample Point: MW B3M S (Sample ID)

This Waste Management Field Information Form is Required. This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hr:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
07 01 03	13:20	00:38	11	9.8	3.4

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w. Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N
Purging Device: C
Sampling Device: C
N Other:
A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle
Filter Device: Y or (N) 0.45 u or ____ u (circle or fill in)
Filter Type: —
A-In-line Disposable, B-Pressure, C-Vacuum, X-Other
Sample Tube Type: A
A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): 1257.8 (ft msl)
Depth to Water (DTW) (from TOC): 9.79 (ft)
Groundwater Elevation (site datum, from TOC): 1115.99 (ft msl)
Total Well Depth (from TOC): 18.30 (ft)
Stick Up (from ground elevation): (ft)
Casing ID: 2 (in)
Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit: gpm	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
13:53	0.1	6.01	544	25.6	17.1	0.7		
13:55	0.1	5.95	548	25.4	16.9	0.7		
13:57	0.1	5.94	550	25.1	16.7	0.6		
:								
:								
:								
:								
:								
:								
:								
Suggested range for 3 consec. readings or more 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
07 01 03	5.94	550	25.1	16.7	0.6		

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

Sample Appearance: CLEAR
Odor: SLIGHT
Color: NONE
Other: NO SHEEN
Weather Conditions (required daily, or as conditions change): Direction/Speed: SW 0-5
Outlook: P.C., 90°F
Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

FIELD COMMENTS

CALC: 18.30 − 9.79 = 8.51 x 0.163 = 1.39 x 3 = 4.16
FLOW: 120 x 4 = 480 ÷ 60 = 8 x 4.16 = 33.28
ACTUAL: 38.00 − 5.00 = 4.75
SAMPLE TIME: 1358
NO METHANE DETECTED IN WELL HEADSPACE

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
7/1/03	DAN ARMOUR		PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029/WM R: 12/00

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: TRAIL RIDGE 34

Site No.:

Sample Point: MW B 24 I BR

Sample ID

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
070103	1715	00:27	70	270	39

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: Y or N

Filter Device: Y or N 0.45 µ or ____ µ (circle or fill in)

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

Filter Type: A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

X-Other:

WELL DATA

Well Elevation (at TOC): 125.80 (ft/msl)

Depth to Water (DTW) (from TOC): 10.55 / 6.36 (ft) BR

Groundwater Elevation (site datum, from TOC): 115.25 (ft/msl)

Total Well Depth (from TOC): 53.95 (ft)

Stick Up (from ground elevation): (ft)

Casing ID: 2 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit gpm	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1736	1.0 1st	5.36 1st	44	22.4	98.2	1.0		
1738	1.0 2nd	5.31 2nd	43	22.2	97.3	1.0		
1740	1.0 3rd	5.28 3rd	43	22.1	94.0	1.0		
	4th	4th						
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
070103	5.28	43	22.1	94.0	1.0		

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: SLT. CLOUDY — Odor: YES — Color: WHITE TINT — Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: SW/0-5 — Outlook: CLOUDY, 80°F — Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required):

CALC: 53.93 - 10.55 = 42.95 x 0.163 = 7.00 x 3 = 21.00 GAL.

FLOW: 15 x 4 = 60 ÷ 60 = 1.00 x 21.00 = 21.00 MIN.

ACTUAL: 27.00 ÷ 1.00 = 27.00 GAL.

SAMPLE TIME: 1742

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

7 01 03 — BEN RANJEAKIAN — Ben Ranjeakian

Date — Name — Signature — Company

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: TRAIL RIDGE 34

Site No.: | | | |

Sample Point: MW-B-25D

Sample ID: BR

This Waste Management Field Information Form is Required

This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only (Lab ID): _____

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hr:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
07 01 03	17:04	0 0 4 6	1 1 1 9 9	5 1 4	3 5

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or N — Filter Device: Y or N — 0.45 µ or _____ µ (circle or fill in)

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other: _____

Filter Type: _____ — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other _____

Sample Tube Type: _____ — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: _____

WELL DATA

Well Elevation (at TOC): 1 2 5 9 2 (ft/msl) — Depth to Water (DTW) (from TOC): 9 2 3 6 9 5 (ft) BR — Groundwater Elevation (site datum, from TOC): 1 1 6 6 7 (ft/msl)

Total Well Depth (from TOC): 1 0 0 7 8 (ft) — Stick Up (from ground elevation): _____ (ft) — Casing ID: 2 (in) — Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit gpm	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1746	1.1 1st	6.99 1st	444	22.2	06	0.9		
1748	1.1 2nd	7.00 2nd	445	22.1	05	0.9		
1750	1.1 3rd	7.01 3rd	440	21.8	05	0.8		
	4th	4th						
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form.*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (µmhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: _____ Units _____
07 01 03	7.01	4 4 0	2 1 8	0 5	0 8		

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, possible sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: CLEAR — Odor: YES — Color: NONE — Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: SW/0-5 — Outlook: CLOUDY 80°F — Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

CALC: 100.78 - 9.25 = 91.53 x 0.163 = 14.91 x 3 = 44.76 GAL.

FLOW: 14 x 4 = 56 ÷ 60 = 0.933 x 44.76 = 41.76 MIN.

ACTUAL: 48.00 ÷ 0.933 = 51.44 GAL

SAMPLE TIME: 1752

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
7/1/03	BEN RAMSEYER	Ben Ramseyer	PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029WM R: 12/00

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Site No.:

Sample Point: SW-1 (Sample ID)

This Waste Management Field Information Form is Required

This form is to be completed in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample equipment (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only: Log 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
070203					

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or (N)

Filter Device: (Y) or (N) 0.45 µ or ___ µ (circle or fill in)

Purging Device: —

Sampling Device: X

A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Filter Type: A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other

X-Other: SAMPLE BOTTLES

WELL DATA

Well Elevation (at TOC): (ft asl)

Depth to Water (DTW) (from TOC): (ft)

Groundwater Elevation (site datum, from TOC): (ft msl)

Total Well Depth (from TOC): (ft)

Stick Up (from ground elevation): (ft)

Casing ID: (in)

Casing Material:

Note: Total Well Depth, Stick Up, Casing ID, etc. are optional and can be from historical data, unless required by Site Permit. Well Elevation, DTW, and Groundwater Elevation must be correct.

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)
06:50	NA	5.57	144	239	87	15		
Suggested range for 3 consec. readings or less (Within State Requirements)		+/- 0.2	+/- 3%	+/-	+/-	+/- 10%	+/- 25 mV	Stable

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 data form.

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (µmhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
070203	5.57	144	239	87	15		

Final Field Readings are required (i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State Permit Site.

FIELD COMMENTS

Sample Appearance: CLEAR

Odor: NONE

Color: BROWN

Other: No Sheen

Weather Conditions (required daily, or as conditions change):

Direction/Speed: SE CALM

Outlook: P.C. 80°F

Precipitation: 1 or (2)

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
7.2.03	DAN ARMOUR	[signature]	PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL 8029/WM 9-12-00

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Site No.:

Sample Point: SW-2 (Sample ID)

This Waste Management Field Information Form is Required. This form is to be completed in addition to any State Forms. The Field Forms 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
07 02 03					

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" by 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 micron or filter

Purging Device: — A-Submersible Pump, B-Peristaltic Pump, C-OED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Filter Type: A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sampling Device: X

Sample Tube Type: A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other

X-Other: SAMPLE BOTTLES

WELL DATA

Well Elevation (at TOC) (ft msl) | Depth to Water (DTW) (from TOC) (ft) | Groundwater Elevation (site datum, from TOC) (ft msl)

Total Well Depth (from TOC) (ft) | Stick Up (from ground elevation) (ft) | Casing ID (in) | Casing Material

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (umhos/cm @ 25°C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH ORP (mV)	DTW (ft)
06:30	NA	4.95	94	21.9	31	6.0		
Suggested range for 3 consec. readings or per Permit Spec. requirements		+/-0.2	+/-3%	-	-	+/-10%	+/-20 mV	Stability

Stabilization Data Fields are Optional (i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used when you take field measurements not required by State/Permit Spec. If a Data Logger or other electronic forms is used, fill in final readings below and submit electronic data separately to Site. If more fields than 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
07 02 03	4.95	94	21.9	31	6.0		

Final Field Readings are required (i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State Permit Site.

FIELD COMMENTS

Sample Appearance: CLEAR | Odor: NONE | Color: NONE | Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: SE CALM | Outlook: PC. 80°F | Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required):

I certify that sampling procedures were in accordance with applicable EPA, State, and WM procedures. (If more than one sampler, all should sign).

Date	Name	Signature	Company
7 2 03	DAN ARMOUR	[signature]	PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-8029/WM R 12 00

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
5810-D Breckinridge Parkway
Tampa, FL 33610
813-630-9616 Fax 813-630-4327
Contact Person: Michael Cammarata

Project #: J033714
CustomerName: Trail Rdge Landfill,Inc.
Collector: DSA/BR

Department: Wetchem (Tampa)

☐ **Check if Rush**

Lab Code	Client Sample ID	Test	Matrix	Collect Date	/ Time	Receive Date	Due Date	# Bottles	Bottle Type (Pres.)
J033714-01	SW-2	X_TN (not test group)(T)	Water	7/2/03	6:30	7/2/03 9:45	7/16/03		250mL Poly (H2SO4)
J033714-01	SW-2	X_TKN (T)	Water	7/2/03	6:30	7/2/03 9:45	7/16/03		250mL Poly (H2SO4)
J033714-01	SW-2	X_Nitrate + Nitrite (T)	Water	7/2/03	6:30	7/2/03 9:45	7/16/03		250mL Poly (H2SO4)
J033714-01	SW-2	Unionized Ammonia (T)	Water	7/2/03	6:30	7/2/03 9:45	7/16/03		250mL Poly (H2SO4)
J033714-01	SW-2	Total Phosphorus (T)	Water	7/2/03	6:30	7/2/03 9:45	7/16/03		250mL Poly (H2SO4)
J033714-01	SW-2	TOC (T)	Water	7/2/03	6:30	7/2/03 9:45	7/16/03		250mL Poly (H2SO4)
J033714-01	SW-2	Chlorophyll A (J)	Water	7/2/03	6:30	7/2/03 9:45	7/3/03		1L Amber glass
J033714-02	SW-1	X_TN (not test group)(T)	Water	7/2/03	6:50	7/2/03 9:45	7/16/03		250mL Poly (H2SO4)
J033714-02	SW-1	X_TKN (T)	Water	7/2/03	6:50	7/2/03 9:45	7/16/03		250mL Poly (H2SO4)
J033714-02	SW-1	X_Nitrate + Nitrite (T)	Water	7/2/03	6:50	7/2/03 9:45	7/16/03		250mL Poly (H2SO4)
J033714-02	SW-1	Unionized Ammonia (T)	Water	7/2/03	6:50	7/2/03 9:45	7/16/03		250mL Poly (H2SO4)
J033714-02	SW-1	Total Phosphorus (T)	Water	7/2/03	6:50	7/2/03 9:45	7/16/03		250mL Poly (H2SO4)
J033714-02	SW-1	TOC (T)	Water	7/2/03	6:50	7/2/03 9:45	7/16/03		250mL Poly (H2SO4)
J033714-02	SW-1	Chlorophyll A (J)	Water	7/2/03	6:50	7/2/03 9:45	7/3/03		1L Amber glass

Jacksonville Relinquisher: [signature]
Shipping Relinquisher: [signature]

Shipping Receiver: Pony Express
Tampa Receiver: [signature]

Date/Time: 7/2/03 11:47:16 AM
Date/Time: 7/3/03 9:20

Advanced Environmental Laboratories, Inc.

- ✓ Jacksonville: 6601 Southpoint Parkway, Jacksonville, FL 32216 • (904) 363-9350 Fax (904) 363-93
- ❑ Tampa: 5810-D Brockenridge Parkway, Tampa, FL 33610 • (813) 630-9616 Fax (813) 630-43
- ❑ Gainesville: 2106 NW 67th Place, Suite 7, Gainesville, FL 32606 • (352) 367-1500 Fax (352) 367-

CHAIN OF CUSTODY

J033714

Page 1 of 1

CLIENT NAME: TRAIL RIDGE

PROJECT NAME:

ADDRESS:

P.O. NUMBER / PROJECT NUMBER:

PROJECT LOCATION:

PHONE: FAX:

CONTACT: MARK BEHEL

SAMPLED BY: DSR | BR

TURN AROUND TIME:

❑ STANDARD

❑ RUSH

REMARKS / SPECIAL INSTRUCTIONS:

SW-1 pH 5.57 Temp 23.9

SW-2 pH 4.95 Temp 21.9

WW= waste water SW=surface water GW=ground water DW=drinking water OIL A=air SO=soil SL=sludge

BOTTLE SIZE & TYPE

ANALYSIS REQUIRED

SAMPLE ID	SAMPLE DESCRIPTION	Grab Composite	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. CONT.	NO3	TOC	COD	APP I Metals + Fe/Hg/Cu/Zn + HARD	UN NH3/TN/TPHOS	BOD/TSS/TDS	CHLORIDE A	APP I VOA	APP I EDB/DBCP	Fecal Coliform	LAB NUMBER
	SW-2	G	7-2	0630	SW	14	1	1	1	1	1	1	1	3	3	1	01
	SW-1	G	7-2	0650	SW	14	1	1	1	1	1	1	1	3	3	1	02

Preserv: H S N S H T I

I = Ice H = (HCl) S = (H_2SO_4) N = (HNO_3) T = (Sodium Thiosulfate)

Shipment	Method	Sample Kit	Cooler #
Out: / /	Via:	RB	D/T
		AB	D/T
Ret: / /	Via:	Trip Bl. ❑	❑

	Relinquished by:	Date	Time	Received by:	Date	Time
1	[signature]	7-2-03	0700	Chris Sergeant	7-2-03	09:45
2						
3						
4						

Received on Ice: ✓ yes ❑ no QC ❑ sent ❑ received

revised 8/01

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: TRAIL RIDGE

Site No.:

Sample Point: LSC (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 Form that accompanies the sample containers to a wet-chemistry cooler that is returned to the lab [illegible]

Laboratory Use Only Lab ID

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (24 HR CLOCK)	ELAPSED HRS (hrs min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLS PURGED
070203					

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" or "Water Vol in Tubing Flow Cell and Tubing Flow Cell Vols Purged". Mark changes [illegible]

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) or (N)

Filter Device: Y or (N) [illegible]

Purging Device: —

Sampling Device: X

X-Other: Sample Port @ collection tank

A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Filter Type: X

Sample Tube Type:

A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other

WELL DATA

Well Elevation (at TOC) (ft/mol)

Depth to Water (DTW) (from TOC) (ft)

Groundwater Elevation (site datum, from TOC) (ft/mol)

Total Well Depth (from TOC) (ft)

Stick Up (from ground elevation) (ft)

Casing ID (in)

Casing Material

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (24 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)
1010	NA	731	9735	281	>10000	00		
Suggested range for 3 consec. readings at Site 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 Site Permit, Site, If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. (Ensure fields allow any needed [illegible])

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
070203	731	9735	281	>10000	00		

Final Field Readings are required (i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by Site Permit, Site)

FIELD COMMENTS

Sample Appearance: CLOUDY Odor: STRONG Color: BLACK Other: SHEEN - YES

Weather Conditions (required daily, or as conditions change): Direction/Speed: SE CALM Outlook: Cloudy 85°F Precipitation: 1 of 10

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
7 2 03	DAN ARMOUR	[signature]	PRE TECH

DISTRIBUTION: WHITE ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

STL-6029 [illegible]

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: TRAIL RIDGE | Site No: | Sample Point: L055 (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 container(s) to, with the cooler that is delivered to the laboratory.

Laboratory Use Only: Lab ID

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hr:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
07 02 03					

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w. "Water Vol in Tubing" for Cell and Tubing Flow Cell Vols Purged. Mark changes record by initials. Note:

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated? (Y) or N | Filter Device: (Y) or N | 0.45 µm | or ____ µm (check one)

Purging Device: ____
- A- Submersible Pump
- B-Peristaltic Pump
- C-QED Bladder Pump
- D-Bailer
- E-Piston Pump
- F-Dipper/Bottle

Sampling Device: X

Filter Type: ____
- A-In-line Disposable
- B-Pressure
- C-Vacuum
- X-Other ____

Sample Tube Type: ____
- A-Teflon
- B-Stainless Steel
- C-PVC
- D-Polypropylene
- X-Other ____

X-Other: SAMPLE PORT COLLECTION TANK

WELL DATA

Well Elevation (at TOC)	Depth to Water (DTW) (from TOC)	Groundwater Elevation (site datum, from TOC)
(ft/msl)	(ft)	(ft msl)

Total Well Depth (from TOC)	Stick Up (from ground elevation)	Casing ID	Casing Material
(ft)	(ft)	(in)	

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25°C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
0950	NA	7.31	8439	28.1	464	0.1		
:								
:								
:								
:								
:								
:								
:								
:								
:								
Suggested range for 3 passes readings per WM Permit/State requirements		+/- 0.2	+/- 3%	+/-	+/-	+/- 10%	+/- 25 mV	Stabilized

Stabilization Data Fields are Optional for complete stabilization readings for parameters required by WM, Site, or State's. 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 field sheets are needed, use separate sheet or form.

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (µmhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units: ____
07 02 03	7.31	8439	28.1	464	0.1		

Final Field Readings are required (i.e., record field measurements, final stabilized readings, pressure sample readings before sampling for all field parameters required by State Permit/Site)

FIELD COMMENTS

Sample Appearance: SLT. CLOUDY | Odor: STRONG | Color: BLACK | Other: SLT. SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: SE CALM | Outlook: cloudy 85°F | Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

I certify that sampling procedures were in accordance with applicable EPA, State and WM protocols. If more than one sampler, all should sign:

Date	Name	Signature	Company
7 2 03	DAN ARMOUR		PRO-TECH

DISTRIBUTION: WHITE-ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

GTL 8020WM R 7/97

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
5810-D Breckinridge Parkway
Tampa, FL 33610
813-630-9616 Fax 813-630-4327
Contact Person: Michael Cammarata

Project #: J033737
CustomerName: Trail Rdge Landfill,Inc.
Collector: DSA/BR

Department: Wetchem (Tampa)

☐ Check if Rush

Lab Code	Client Sample ID	Test	Matrix	Collect Date	/ Time	Receive Date	Due Date	# Bottles	Bottle Type (Pres.)
J033737-01	LDSS	Ammonia (T)	Water	7/2/03	9:50	7/2/03 14:05	7/16/03		250mL Poly (H2SO4)
J033737-02	LCS	Ammonia (T)	Water	7/2/03	10:10	7/2/03 14:05	7/16/03		250mL Poly (H2SO4)

Jacksonville Relinquisher: [signature]
Shipping Relinquisher: [signature]

Shipping Receiver: Pony Express
Tampa Receiver: [signature]

Date/Time: 7/2/03 4:11:54 PM
Date/Time: 7/3/03 9:20

Advanced Environmental Laboratories, Inc.

✓ Jacksonville: 6601 Southpoint Parkway, Jacksonville, FL 32216 • (904) 363-9350 Fax (904) 363-9354
☐ Tampa: 5810-D Breckenridge Parkway, Tampa, FL 33610 • (813) 630-9616 Fax (813) 630-4327
☐ Gainesville: 2106 NW 67th Place, Suite 7, Gainesville, FL 32606 • (352) 367-1500 Fax (352) 367-0050

CHAIN OF CUSTODY REC

J033737

Page 1 of 1

CLIENT NAME: TRAIL RIDGE

PROJECT NAME: SEMI-ANNUAL LEACHATE

ADDRESS:

P.O. NUMBER / PROJECT NUMBER:

PROJECT LOCATION:

PHONE: FAX:

CONTACT: MARK BEHEL

SAMPLED BY: DSA/BR

TURN AROUND TIME:

☐ STANDARD

☐ RUSH

REMARKS / SPECIAL INSTRUCTIONS:

WW= waste water SW=surface water GW=ground water DW=drinking water OIL A=air SO=soil SL=sludge

SAMPLE ID	SAMPLE DESCRIPTION	Grab Composite	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. CONT.	SIZE & TYPE / ANALYSIS REQUIRED	APP I VOA	APP I EDB/DBCP	APP I Metals + Fe/Hg/Na	NH3	NO3/TDS	Cl⁻/BICARB	LAB NUMBER
							Preserv	H	T	N	S			
	LDSS	G	7-2	0950	LEACH	10		3	3	1	1	1	1	
	LCS	G	7-2	1010	LEACH	10		3	3	1	1	1	1	
	Trip Blank	-	7-2	—	QC	3		3						

I = Ice H = (HCl) S = (H_2SO_4) N = (HNO_3) T = (Sodium Thiosulfate)

Shipment	Method	Sample Kit	Cooler #
Out: / /	Via:	RB	D/T
		AB	D/T
Ret: / /	Via:	Trip Bl. ☐	☐

	Relinquished by:	Date	Time	Received by:	Date	Time
1	[signature]	7-2-03	14:05	Chris Ferguson	7-2-03	14:05
2						
3						
4						

Received on ice: ☒ yes ☐ no QC ☐ sent ☐ received

revised 8/01

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
5810-D Brecklnridge Parkway
Tampa, FL 33610
813-630-9616 Fax 813-630-4327
Contact Person: Michael Cammarata

Project #: J033705

CustomerName: Trail Rdge Landfill,Inc.

Collector: DSA/BR

Department: Wetchem (Tampa)

☐ **Check if Rush**

Lab Code	Client Sample ID	Test	Matrix	Collect Date	/ Time	Receive Date	Due Date	# Bottles	Bottle Type (Pres.)
J033705-01	MWB-29D	Ammonia (T)	Water	7/1/2003	11:08	7/1/03 16:15	7/15/2003		250mL Poly (H2SO4)
J033705-02	MWB-2I	Ammonia (T)	Water	7/1/2003	10:47	7/1/03 16:15	7/15/2003		250mL Poly (H2SO4)
J033705-03	MWB-31D	Ammonia (T)	Water	7/1/2003	10:07	7/1/03 16:15	7/15/2003		250mL Poly (H2SO4)
J033705-04	MWB-3S	Ammonia (T)	Water	7/1/2003	09:41	7/1/03 16:15	7/15/2003		250mL Poly (H2SO4)
J033705-05	MWB-7S	Ammonia (T)	Water	7/1/2003	09:15	7/1/03 16:15	7/15/2003		250mL Poly (H2SO4)
J033705-06	MWB-7D	Ammonia (T)	Water	7/1/2003	08:55	7/1/03 16:15	7/15/2003		250mL Poly (H2SO4)
J033705-07	MWB-7I	Ammonia (T)	Water	7/1/2003	08:32	7/1/03 16:15	7/15/2003		250mL Poly (H2SO4)
J033705-08	MWB-19S	Ammonia (T)	Water	7/1/2003	07:53	7/1/03 16:15	7/15/2003		250mL Poly (H2SO4)
J033705-09	MWB-19I	Ammonia (T)	Water	7/1/2003	07:34	7/1/03 16:15	7/15/2003		250mL Poly (H2SO4)
J033705-10	MWB-19D	Ammonia (T)	Water	7/1/2003	07:01	7/1/03 16:15	7/15/2003		250mL Poly (H2SO4)
J033705-11	MWB-17I	Ammonia (T)	Water	7/1/2003	08:10	7/1/03 16:15	7/15/2003		250mL Poly (H2SO4)
J033705-12	MWB-17S	Ammonia (T)	Water	7/1/2003	07:00	7/1/03 16:15	7/15/2003		250mL Poly (H2SO4)
J033705-13	MWB-17D	Ammonia (T)	Water	7/1/2003	07:45	7/1/03 16:15	7/15/2003		250mL Poly (H2SO4)
J033705-14	MWB-20S	Ammonia (T)	Water	7/1/2003	08:40	7/1/03 16:15	7/15/2003		250mL Poly (H2SO4)
J033705-15	MWB-3I	Ammonia (T)	Water	7/1/2003	10:00	7/1/03 16:15	7/15/2003		250mL Poly (H2SO4)
J033705-16	MWB-27I	Ammonia (T)	Water	7/1/2003	11:51	7/1/03 16:15	7/15/2003		250mL Poly (H2SO4)

Jacksonville Relinquisher: Paul Gwozdz

Shipping Relinquisher: P.E.

Shipping Receiver: Pony Express

Tampa Receiver:

Date/Time: 7/1/2003 17:19:16

Date/Time: 7/2/03 8:30

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
5810-D Breckinridge Parkway
Tampa, FL 33610
813-630-9616 Fax 813-630-4327
Contact Person: Michael Cammarata

Project #: J033705
CustomerName: Trail Rdge Landfill,Inc.
Collector: DSA/BR

Department: Wetchem (Tampa)

☐ **Check if Rush**

Lab Code	Client Sample ID	Test	Matrix	Collect Date	/ Time	Receive Date	Due Date	# Bottles	Bottle Type (Pres.)
J033705-17	MWB-29I	Ammonia (T)	Water	7/1/2003	11:36	7/1/03 16:15	7/15/2003		250mL Poly (H2SO4)
J033705-18	DUP-1	Ammonia (T)	Water	7/1/2003		7/1/03 16:15	7/15/2003		250mL Poly (H2SO4)
J033705-19	DUP-2	Ammonia (T)	Water	7/1/2003		7/1/03 16:15	7/15/2003		250mL Poly (H2SO4)
J033705-21	MWB-29S	Ammonia (T)	Water	7/1/2003	11:12	7/1/03 16:15	7/15/2003		250mL Poly (H2SO4)

Jacksonville Relinquisher: Paul Hunsaker
Shipping Relinquisher: P.E.
Shipping Receiver: Pony Express
Tampa Receiver: Joyce
Date/Time: 7/1/2003 17:19:16
Date/Time: 7/2/03 8:30

Advanced Environmental Laboratories, Inc.

Jacksonville: 6681 Southpoint Parkway, Jacksonville, FL 32216 • (904) 363-9350 Fax (904) 363-9354
Tampa: 5810-D Breckenridge Parkway, Tampa, FL 33610 • (813) 630-9616 Fax (813) 630-4327
Gainesville: 2106 NW 67th Place, Suite 7, Gainesville, FL 32606 • (352) 367-1500 Fax (352) 367-0050

CHAIN OF CUSTODY RE

J033705

Page 1 of 3

CLIENT NAME: TRAIL RIDGE

PROJECT NAME: SEMI-ANNUAL GW

ADDRESS:

P.O. NUMBER / PROJECT NUMBER:

PROJECT LOCATION:

PHONE: FAX:

CONTACT: MARK BEHEL

SAMPLED BY: DSA / BR

TURN AROUND TIME:
- ☐ STANDARD
- ☐ RUSH

REMARKS / SPECIAL INSTRUCTIONS:

WW= waste water SW=surface water GW=ground water DW=drinking water OIL A=air SO=soil SL=sludge

SAMPLE ID	SAMPLE DESCRIPTION	Grab / Composite	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. CONT.	Preserv.	ANALYSIS REQUIRED: SIZE & TYPE	APP I VOA	APP I EDB/DBCP	APP I Metals + Fe + H_3 + N_2	NO_3 TDS	Total NH_3	Cl^-	Dissolved Metals	LAB NUMBER
	MWB29D	G	7-1	1108	GW	10	H	3	3	2	1	1	1		1
	MWB2I	G	7-1	1047	GW	10		3	3	1	1	1	1		2
	MWB31D	G	7-1	1007	GW	10		3	3	1	1	1	1		3
	MWB3S	G	7-1	0941	GW	10		3	3	1	1	1	1		4
	MWB7S	G	7-1	0915	GW	11		3	3	1	1	1	1	1	5
	MWB7D	G	7-1	0855	GW	10		3	3	1	1	1	1		6
	MWB7I	G	7-1	0832	GW	10		3	3	1	1	1	1		7
	MWB19S	G	7-1	0753	GW	10		3	3	1	1	1	1		8

I = Ice H = (HCl) S = (H_2SO_4) N = (HNO_3) T = (Sodium Thiosulfate)

Shipment	Method	Sample Kit	Cooler #		Relinquished by:	Date	Time	Received by:	Date	Time
Out: / /	Via:	RB	D/T	1		7-1-03	1615	Chris Ferguson	7-1-03	1615
		AB	D/T	2						
Ret: / /	Via:	Trip Bl.		3						
		☐	☐	4						

Received on ice: ☑ yes ☐ no QC ☐ sent ☐ received

revised 8/01

Advanced Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

LAB NUMBER: J033705

✓ Jacksonville: 6601 Southpoint Parkway, Jacksonville, FL 32216 • (904) 363-9350 Fax (904) 363-9354
☐ Tampa: 5810-D Breckenridge Parkway, Tampa, FL 33610 • (813) 630-9616 Fax (813) 630-4327
☐ Gainesville: 2106 NW 67th Place, Suite 7, Gainesville, FL 32606 • (352) 367-1500 Fax (352) 367-0050

CLIENT NAME: TRAIL RIDGE

ADDRESS:

PHONE: FAX:

CONTACT: MARK BEHEL

PROJECT NAME: SEMI-ANNUAL GW

P.O. NUMBER / PROJECT NUMBER:

PROJECT LOCATION:

SAMPLED BY: DSA/BR

TURN AROUND TIME:
☐ STANDARD
☐ RUSH

REMARKS / SPECIAL INSTRUCTIONS:

WW= waste water SW=surface water GW=ground water DW=drinking water OIL A=air SO=soil SL=sludge

SAMPLE ID	SAMPLE DESCRIPTION	Grab / Composite	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. CONT.	Preserv	BOTTLE SIZE & TYPE	ANALYSIS REQUIRED: APP I VOA	APP I 8081/8140	APP I METALS + Fe/Mn	NO3/TDS	TOTAL NH3	Cl-	Dissolved Metals	LAB NUMBER
	MWB 19I	G	7-1	0734	GW	11			3	3	1	1	1	1	1	9
	MWB 19D	G	7-1	0701	GW	10			3	3	1	1	1	1		10
	MWB 17I	G	7-1	0810	GW	10			3	3	1	1	1	1		11
	MWB 17S	G	7-1	0700	GW	10			3	3	1	1	1	1		12
	MWB 17D	G	7-1	0745	GW	10			3	3	1	1	1	1		13
	MWB 20S	G	7-1	0840	GW	10			3	3	1	1	1	1		14
	MWB 3I	G	7-1	1000	GW	10			3	3	1	1	1	1		15
	~~MWB 2S~~	~~G~~	~~7-1~~	~~1042~~	~~GW~~	~~10~~			~~3~~	~~3~~	~~1~~	~~1~~	~~1~~	~~1~~	DSA	

I = Ice H = (HCl) S = (H_2SO_4) N = (HNO_3) T = (Sodium Thiosulfate)

Relinquished by:	Date	Time	Received by:	Date	Time
1	7-1-03	16:15	Chris Ferguson	7-1-03	16:15
2					
3					
4					

Shipment Out: / / Method Via: Sample Kit RB D/T AB D/T Cooler # Trip Bl.

Rot: / / Via:

Received on ice: ☒ yes ☐ no QC ☐ sent ☐ received

revised 8/01

Advanced Environmental Laboratories, Inc.
- ☑ Jacksonville: 6601 Southpoint Parkway, Jacksonville, FL 32216 • (904) 363-9350 Fax (904) 363-9354
- ☐ Tampa: 5810-D Breckenridge Parkway, Tampa, FL 33610 • (813) 630-9616 Fax (813) 630-4327
- ☐ Gainesville: 2106 NW 67th Place, Suite 7, Gainesville, FL 32606 • (352) 367-1500 Fax (352) 367-0050

CHAIN OF CUSTODY RECORD

LAB NUMBER: J033705

CLIENT NAME: TRAIL RIDGE	PROJECT NAME: SEMI ANNUAL GW
ADDRESS:	P.O. NUMBER / PROJECT NUMBER:
	PROJECT LOCATION:
PHONE: FAX:	
CONTACT: MARK BEHEL	SAMPLED BY: DSA/BR

TURN AROUND TIME:
- ☐ STANDARD
- ☐ RUSH _____

REMARKS / SPECIAL INSTRUCTIONS:

WW= waste water SW=surface water GW=ground water DW=drinking water OIL A=air SO=soil SL=sludge

SAMPLE ID	SAMPLE DESCRIPTION	Grab / Composite	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. CONT.	BOTTLE SIZE & TYPE	40 ml	40 ml	500 ml/bottle				500 ml/bottle	LAB NUMBER
							ANALYSIS REQUIRED	APPI VOA	APPI EDB/DBCP	APPI Mn/As/Fe/Hg/NL	NO_3/TPS	TOTAL NH_3	Cl	DISSOLVED METALS	
	MWB 27I	G	7-1	1151	GW	10	Preserv	H	T	N		S		N	16
	MWB 29I	G	7-1	1136	GW	11		3	3	1	1	1	1	1	17
	DUP01	G	7-1	0832	GW	10		3	3	1	1	1	1		18
	DUP02	G	7-1	1000	GW	10		3	3	1	1	1	1		19
	TRIP	G	7-1	—	GW	3		3	—						20
	MWB 29S	G	7-1	1112	GW	10		3	3	1	1	1	1		21

I = Ice H = (HCl) S = (H_2SO_4) N = (HNO_3) T = (Sodium Thiosulfate)

Shipment	Method	Sample Kit	Cooler #		Relinquished by:	Date	Time	Received by:	Date	Time
Out: / /	Via:	RB	D/T	1		7/1/03	16:15	Chris Ferguson	7-1-03	16:15
		AB	D/T	2						
Ret: / /	Via:	Trip Bl. ☐	☐	3						
				4						

Received on ice: ☒ yes ☐ no QC ☐ sent ☐ received

revised 8/01

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
5810-D Breckinridge Parkway
Tampa, FL 33610
813-630-9616 Fax 813-630-4327
Contact Person: Michael Cammarata

Project #: J033716
CustomerName: Trail Rdge Landfill,Inc.
Collector: DSA/BR

Department: Wetchem (Tampa)

☐ **Check if Rush**

Lab Code	Client Sample ID	Test	Matrix	Collect Date	/ Time	Receive Date	Due Date	# Bottles	Bottle Type (Pres.)
J033716-01	MWB-34S	Sulfide (T)	Water	7/1/03	13:58	7/2/03 9:45	7/8/03		500mL Poly (NaOH)
J033716-01	MWB-34S	Cyanide (T)	Water	7/1/03	13:58	7/2/03 9:45	7/15/03		500mL Poly (NaOH)
J033716-01	MWB-34S	Ammonia (T)	Water	7/1/03	13:58	7/2/03 9:45	7/16/03		250mL Poly (H2SO4)
J033716-02	MWB-2S	Sulfide (T)	Water	7/1/03	10:42	7/2/03 9:45	7/8/03		500mL Poly (NaOH)
J033716-02	MWB-2S	Cyanide (T)	Water	7/1/03	10:42	7/2/03 9:45	7/15/03		500mL Poly (NaOH)
J033716-02	MWB-2S	Ammonia (T)	Water	7/1/03	10:42	7/2/03 9:45	7/16/03		250mL Poly (H2SO4)
J033716-03	MWB-23S	Sulfide (T)	Water	7/1/03	17:26	7/2/03 9:45	7/16/03		500mL Poly (NaOH)
J033716-03	MWB-23S	Cyanide (T)	Water	7/1/03	17:26	7/2/03 9:45	7/16/03		500mL Poly (NaOH)
J033716-03	MWB-23S	Ammonia (T)	Water	7/1/03	17:26	7/2/03 9:45	7/16/03		250mL Poly (H2SO4)
J033716-04	MWB-14S	Sulfide (T)	Water	7/1/03	16:07	7/2/03 9:45	7/8/03		500mL Poly (NaOH)
J033716-04	MWB-14S	Cyanide (T)	Water	7/1/03	16:07	7/2/03 9:45	7/15/03		500mL Poly (NaOH)
J033716-04	MWB-14S	Ammonia (T)	Water	7/1/03	16:07	7/2/03 9:45	7/16/03		250mL Poly (H2SO4)

Jacksonville Relinquisher: Machols
Shipping Relinquisher: AE

Shipping Receiver: Pony Express
Tampa Receiver: D. Joyce

Date/Time: 7/2/03 11:47:32 AM
Date/Time: 7/3/03 9:00

Advanced Environmental Laboratories, Inc.

✓ Jacksonville: 6601 Southpoint Parkway, Jacksonville, FL 32216 • (904) 363-9350 Fax (904) 363-9354
☐ Tampa: 5810-D Breckenridge Parkway, Tampa, FL 33610 • (813) 630-9616 Fax (813) 630-4327
☐ Gainesville: 2106 NW 67th Place, Suite 7, Gainesville, FL 32606 • (352) 367-1500 Fax (352) 367-00

CHAIN OF CUSTODY RF

J033716

Page 1 of 2

CLIENT NAME: TRAIL RIDGE

PROJECT NAME:

ADDRESS:

P.O. NUMBER / PROJECT NUMBER:

PROJECT LOCATION:

PHONE: FAX:

CONTACT: MARK BEHEL

SAMPLED BY: DSA/BR

TURN AROUND TIME:
☐ STANDARD
☐ RUSH

REMARKS / SPECIAL INSTRUCTIONS:

WW=waste water SW=surface water GW=ground water DW=drinking water OIL A=air SO=soil SL=sludge

SAMPLE ID	SAMPLE DESCRIPTION	Grab / Composite	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. CONT.	Preserv	ANALYSIS & TYPE REQUIRED: App II VOA	App II 608/8082	NO3/TDS	Total NH3	Cyanide	App II Metals + Fe/Na	Sulfide	LAB NUMBER
	MWB34S	G	7-1	1358	GW	12		3	3	1	1	1	1	1	01
	MWB2S	G	7-1	1042	GW	12		3	3	1	1	1	1	1	02
	MWB23S	G	7-1	1726	GW	12		3	3	1	1	1	1	1	03
	MWB14S	G	7-1	1607	GW	12		3	3	1	1	1	1	1	04

I = Ice H = (HCl) S = (H_2SO_4) N = (HNO_3) T = (Sodium Thiosulfate)

Relinquished by:	Date	Time	Received by:	Date	Time
1	7-2-03	0700	Chris Teague	7-2-03	09:45
2					
3					
4					

Shipment Out: / / Ret: / /

Method Via: Via:

Sample Kit RB D/T AB D/T

Cooler # Trip Bl. ☐ ☐

Received on ice: ☒ yes ☐ no QC ☐ sent ☐ received

revised 8/01

Advanced
Environmental Laboratories, Inc.

Jacksonville: 6601 Southpoint Parkway, Jacksonville, FL 32216 • (904) 363-9350 Fax (904) 363-9354
Tampa: 5810-D Breckenridge Parkway, Tampa, FL 33610 • (813) 630-9616 Fax (813) 630-4327
Gainesville: 2106 NW 67th Place, Suite 7, Gainesville, FL 32606 • (352) 367-1500 Fax (352) 367-0050

CHAIN OF CUSTODY RECORD

LAB NUMBER: J033716

CLIENT NAME: TRAIL RIDGE

PROJECT NAME:

ADDRESS:

P.O. NUMBER / PROJECT NUMBER:

PROJECT LOCATION:

PHONE: FAX:

CONTACT: MARK BEHEL

SAMPLED BY: DA/BR

TURN AROUND TIME:
☐ STANDARD
☐ RUSH

REMARKS / SPECIAL INSTRUCTIONS:

WW= waste water SW=surface water GW=ground water DW=drinking water OIL A=air SO=soil SL=sludge

SAMPLE ID	SAMPLE DESCRIPTION	Grab / Composite	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. CONT.	Preserv	ANALYSIS REQUIRED: BOTTLE SIZE & TYPE	App II SV	App II Pest	App II Hers	App II PCB	N Diss. Metals	LAB NUMBER
	MWB34S	G	7-1	1358	GW	8			2	2	2	2		01
	MWB2S	G	7-1	1042	GW	8			2	2	2	2		02
	MWB23S	G	7-1	1726	GW	8			2	2	2	2	1	03
	MWB14S	G	7-1	1607	GW	8			2	2	2	2		04

I = Ice H = (HCl) S = (H_2SO_4) N = (HNO_3) T = (Sodium Thiosulfate)

Shipment	Method	Sample Kit	Cooler #		Relinquished by:	Date	Time	Received by:	Date	Time
Out: / /	Via:	RB	D/T	1		7-2-03	0900	Chris Ingram	7-2-03	0945
		AB	D/T	2						
Ret: / /	Via:	Trip Bl.		3						
		☐	☐	4						

Received on ice: ☑ yes ☐ no QC ☐ sent ☐ received

revised 8/01

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
5810-D Breckinridge Parkway
Tampa, FL 33610
813-630-9616 Fax 813-630-4327
Contact Person: Michael Cammarata

Project #: J033718
CustomerName: Trail Rdge Landfill,Inc.
Collector: DSA/BR

Department: Wetchem (Tampa)

☐ **Check if Rush**

Lab Code	Client Sample ID	Test	Matrix	Collect Date	/ Time	Receive Date	Due Date	# Bottles	Bottle Type (Pres.)
J033718-01	MWB-27S	Ammonia (T)	Water	7/1/03	15:42	7/2/03 9:45	7/16/03		250mL Poly (H2SO4)
J033718-02	MWB-27D	Ammonia (T)	Water	7/1/03	16:25	7/2/03 9:45	7/16/03		250mL Poly (H2SO4)
J033718-03	MWB-34I	Ammonia (T)	Water	7/1/03	17:42	7/2/03 9:45	7/16/03		250mL Poly (H2SO4)
J033718-04	MWB-34D	Ammonia (T)	Water	7/1/03	17:52	7/2/03 9:45	7/16/03		250mL Poly (H2SO4)
J033718-05	MWB-12I	Ammonia (T)	Water	7/1/03	18:50	7/2/03 9:45	7/16/03		250mL Poly (H2SO4)
J033718-06	MWB-12S	Ammonia (T)	Water	7/1/03	18:34	7/2/03 9:45	7/16/03		250mL Poly (H2SO4)
J033718-07	MWB-12D	Ammonia (T)	Water	7/1/03	18:32	7/2/03 9:45	7/16/03		250mL Poly (H2SO4)

Jacksonville Relinquisher: D Machols
Shipping Relinquisher: PE

Shipping Receiver: Pony Express
Tampa Receiver: A Joya

Date/Time: 7/2/03 1:06:00 PM
Date/Time: 7/3/03 9:20

Advanced Environmental Laboratories, Inc.

☒ Jacksonville: 6601 Southpoint Parkway, Jacksonville, FL 32216 • (904) 363-9350 Fax (904)
☐ Tampa: 5810-D Breckenridge Parkway, Tampa, FL 33610 • (813) 630-9616 Fax (813)
☐ Gainesville: 2106 NW 67th Place, Suite 7, Gainesville, FL 32606 • (352) 367-1500 Fax (35

CHAIN OF CUSTO

J033718

BER:

Page 1 of 1

CLIENT NAME: TRAIL RIDGE

PROJECT NAME:

ADDRESS:

P.O. NUMBER / PROJECT NUMBER:

PROJECT LOCATION:

PHONE: FAX:

CONTACT: MARK BEHEL

SAMPLED BY: DSA/DR

TURN AROUND TIME:

☐ STANDARD

☐ RUSH

REMARKS / SPECIAL INSTRUCTIONS:

WW= waste water SW=surface water GW=ground water DW=drinking water OIL A=air SO=soil SL=sludge

BOTTLE SIZE & TYPE

ANALYSIS REQUIRED

SAMPLE ID	SAMPLE DESCRIPTION	Grab Composite	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. CONT.	Preserv	APP I VOA H	APP I EDB/DBCP T	APP I METALS + Fe/H_3/N_2 N	NO_3/TDS	TOTAL NH_3 S	Cl^-	DISS. METALS N	LAB NUMBER
	MWB27S	G	7-1	1542	GW	10		3	3	1	1	1	1		01
	MWB27D	G	7-1	1625	GW	10		3	3	1	1	1	1		02
	MWB34I	G	7-1	1742	GW	11		3	3	1	1	1	1	1	03
	MWB34D	G	7-1	1752	GW	10		3	3	1	1	1	1		04
	MWB12I	G	7-1	1850	GW	10		3	3	1	1	1	1		05
	MWB12S	G	7-1	1834	GW	10		3	3	1	1	1	1		06
	MWB12D	G	7-1	1832	GW	10		3	3	1	1	1	1		07
	~~TRIP~~ OK	~~G~~	~~7-1~~	—	~~GW~~	~~3~~		~~3~~							08

I = Ice H = (HCl) S = (H_2SO_4) N = (HNO_3) T = (Sodium Thiosulfate)

Shipment	Method	Sample Kit	Cooler #
Out: / /	Via:	RB	D/T
		AB	D/T
Ret: / /	Via:	Trip Bl. ☐	☐

	Relinquished by:	Date	Time	Received by:	Date	Time
1	[signature]	7-2-03	0700	Chris Ferguson	7-2-03	0945
2						
3						
4						

Received on ice: ☒ yes ☐ no QC ☐ sent ☐ received

revised 8/01

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
5810-D Breckinridge Parkway
Tampa, FL 33610
813-630-9616 Fax 813-630-4327
Contact Person: Michael Cammarata

Project #: J033736

CustomerName: Trail Rdge Landfill,Inc.

Collector: DSA/BR

Department: Wetchem (Tampa)

☐ **Check If Rush**

Lab Code	Client Sample ID	Test	Matrix	Collect Date	/ Time	Receive Date	Due Date	# Bottles	Bottle Type (Pres.)
J033736-01	MWB-33S	Ammonia (T)	Water	7/2/03	7:16	7/2/03 14:05	7/16/03		250mL Poly (H2SO4)
J033736-02	MWB-32D	Ammonia (T)	Water	7/2/03	8:06	7/2/03 14:05	7/16/03		250mL Poly (H2SO4)
J033736-03	DUP-3	Ammonia (T)	Water	7/2/03		7/2/03 14:05	7/16/03		250mL Poly (H2SO4)
J033736-04	MWB-32S	Ammonia (T)	Water	7/2/03	8:22	7/2/03 14:05	7/16/03		250mL Poly (H2SO4)
J033736-05	MWB-11I(R)	Ammonia (T)	Water	7/2/03	9:32	7/2/03 14:05	7/16/03		250mL Poly (H2SO4)
J033736-06	MWB-11I	Ammonia (T)	Water	7/2/03	8:55	7/2/03 14:05	7/16/03		250mL Poly (H2SO4)
J033736-07	MWB-11S	Ammonia (T)	Water	7/2/03	8:48	7/2/03 14:05	7/16/03		250mL Poly (H2SO4)
J033736-08	DUP-4	Ammonia (T)	Water	7/2/03		7/2/03 14:05	7/16/03		250mL Poly (H2SO4)
J033736-09	MWB-32I	Ammonia (T)	Water	7/2/03	8:15	7/2/03 14:05	7/16/03		250mL Poly (H2SO4)
J033736-10	MWB-13S	Ammonia (T)	Water	7/2/03	7:15	7/2/03 14:05	7/16/03		250mL Poly (H2SO4)
J033736-11	MWB-13I	Ammonia (T)	Water	7/2/03	6:55	7/2/03 14:05	7/16/03		250mL Poly (H2SO4)
J033736-12	MWB-21S	Ammonia (T)	Water	7/2/03	9:52	7/2/03 14:05	7/16/03		250mL Poly (H2SO4)
J033736-13	MWB-22S	Ammonia (T)	Water	7/2/03	10:25	7/2/03 14:05	7/16/03		250mL Poly (H2SO4)
J033736-14	EB	Ammonia (T)	Water	7/2/03	10:40	7/2/03 14:05	7/16/03		250mL Poly (H2SO4)
J033736-15	FB	Ammonia (T)	Water	7/2/03	10:50	7/2/03 14:05	7/16/03		250mL Poly (H2SO4)

Jacksonville Relinquisher: Amachols

Shipping Receiver: Pony Express

Date/Time: 7/2/03 4:11:32 PM

Shipping Relinquisher: SE

Tampa Receiver: K Joyce

Date/Time: 7/3/03 9:20

Advanced Environmental Laboratories, Inc.
Jacksonville: 6681 Southpoint Parkway, Jacksonville, FL 32216 • (904) 363-9350 Fax (904) 363-935
Tampa: 5810-D Brookridge Parkway, Tampa, FL 33610 • (813) 630-9616 Fax (813) 630-432
Gainesville: 2106 NW 67th Place, Suite 7, Gainesville, FL 32606 • (352) 367-1500 Fax (352) 367-

CHAIN OF CUSTODY RECORD

LAB NUMBER: J033736

Page 1 of 2

CLIENT NAME: TRAIL RIDGE
PROJECT NAME: SEMI-ANNUAL GW
ADDRESS:
P.O. NUMBER / PROJECT NUMBER:
PROJECT LOCATION:
PHONE: FAX:
CONTACT: MARK BEHEL
SAMPLED BY: DSA / BR

TURN AROUND TIME:
☐ STANDARD
☐ RUSH

REMARKS / SPECIAL INSTRUCTIONS:

WW= waste water SW=surface water GW=ground water DW=drinking water OIL A=air SO=soil SL=sludge

SAMPLE ID	SAMPLE DESCRIPTION	Grab / Composite	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. CONT.	Preserv	H	T	N		S		N	LAB NUMBER
							TYPE OF ANALYSIS REQUIRED	APP I VOA	APP I EDB/DBCP	APP I Metals + Fe / H_2S / N_3	NO_3 / TDS	TOTAL NH_3	Cl^-	Diss. Metals	
	MWB 33S	G	7-2	0716	GW	10		3	3	1	1	1	1		01
	MWB 32D	G	7-2	0806	GW	11		3	3	1	1	1	1	1	02
	DUP 03	G	7-2	0806	GW	10		3	3	1	1	1	1		03
	MWB 32S	G	7-2	0822	GW	11		3	3	1	1	1	1	1	04
	MWB 11I(R)	G	7-2	0932	GW	11		3	3	1	1	1	1	1	05
	MWB 11I	G	7-2	0855	GW	11		3	3	1	1	1	1	1	06
	MWB 11S	G	7-2	0848	GW	10		3	3	1	1	1	1		07
	DUP 04	G	7-2	0848	GW	10		3	3	1	1	1	1		08

I = Ice H = (HCl) S = (H_2SO_4) N = (HNO_3) T = (Sodium Thiosulfate)

Relinquished by:	Date	Time	Received by:	Date	Time
1	7-2-03	1405	Chris Ferguson	7-2-03	1405
2					
3					
4					

Shipment Out: / / Ret: / /
Method Via: Via:
Sample Kit RB D/T AB D/T Trip Bl.
Cooler #

Received on ice: ☒ yes ☐ no QC ☐ sent ☐ received

revised 8/01

Advanced Environmental Laboratories, Inc.
- Jacksonville: 6681 Southpoint Parkway, Jacksonville, FL 32216 • (904) 363-9350 Fax (904) 363-9354
- Tampa: 5810-D Breckenridge Parkway, Tampa, Fl. 33610 • (813) 630-9616 Fax (813) 630-4327
- Gainesville: 2106 NW 67th Place, Suite 7, Gainesville, FL 32606 • (352) 367-1500 Fax (352) 367-0050

CHAIN OF CUSTODY RECORD

LAB NUMBER: J033736

CLIENT NAME:	PROJECT NAME:
TRAIL RIDGE	SEMI-ANNUAL GW
ADDRESS:	P.O. NUMBER / PROJECT NUMBER:
	PROJECT LOCATION:
PHONE: FAX:	
CONTACT: MARK BEHEL	SAMPLED BY: DSA/BR

TURN AROUND TIME:
- ☐ STANDARD
- ☐ RUSH _____

REMARKS / SPECIAL INSTRUCTIONS:

WW= waste water SW=surface water GW=ground water DW=drinking water OIL A=air SO=soil SL=sludge

SAMPLE ID	SAMPLE DESCRIPTION	Grab / Composite	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. CONT.	Preserv	BOTTLE SIZE & TYPE	App I VOA	App I EDB/DBCP	App I Mtls + Fe/Hg/Na	NO_3 ITDS	Total NH_3	Cl^-	Diss. Metals	LAB NUMBER
								ANALYSIS REQUIRED	H	T	N		S		N	
	MWB32I	G	7.2	0815	GW	11			3	3	1	1	1	1	1	09
	MWB13S	G	7.2	0715	GW	10			3	3	1	1	1	1		10
	MWB13I	G	7.2	0655	GW	11			3	3	1	1	1	1	1	11
	MWB21S	G	7.2	0952	GW	10			3	3	1	1	1	1		12
	MWB22S	G	7.2	1025	GW	10			3	3	1	1	1	1		13
	EB	G	7.2	1040	GW	10			3	3	1	1	1	1		14
	FB	G	7.2	1050	GW	10			3	3	1	1	1	1		15
	TRIP	G	7.2	—	GW											

I = Ice H = (HCl) S = (H_2SO_4) N = (HNO_3) T = (Sodium Thiosulfate)

Shipment	Method	Sample Kit	Cooler #		Relinquished by:	Date	Time	Received by:	Date	Time
Out: / /	Via:	RB	D/T	1		7-2-03	14:05	Mario Ferguson	7-2-03	14:05
		AB	D/T	2						
Rel: / /	Via:	Trip Bl.		3						
		☐	☐	4						

Received on ice: ☒ yes ☐ no QC ☐ sent ☐ received

revised 8/01

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: TRAIL RIDGE | Site No: | Sample Point: EB | Sample ID:

This Waste Management Field Information Form is Required

This form is to be completed in accordance with State Forms. The Field Data is submitted along with the Chain of Custody Form that accompanies the sample containers sent with the Lab for analysis at the Laboratory.

Laboratory Use Only: Lab ID

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 HR Clock)	ELAPSED HRS (Decimal)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOL PURGED
07 02 03					

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing, Flow Cell and Estimated Flow Cell Vols Purged. Mark changes/corrections in red.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: (Y) N

Filter Device: Y (N) Size: ____ Type: ____

Purging Device: — (A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle)

Sampling Device: X

Other: SAMPLE BOTTLE

Filter Type: (A-Inline Disposable, B-Pressure, C-Vacuum, X-Other)

Sample Tube Type: (A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other)

WELL DATA

Well Elevation (at TOC) ____ (ft msl)

Depth to Water (DTW) (from TOC) ____ (ft)

Groundwater Elevation (site datum, from TOC) ____ (ft msl)

Total Well Depth (from TOC) ____ (ft)

Stick Up (from ground elevation) ____ (ft)

Casing ID ____ (in)

Casing Material ____

Note: Top of 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 Elev. are mandatory if required.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate Coil	pH (std)	Conductance (SC/EC) (umhos/cm @ 25°C)	Temp (°C)	Turbidity (ntu)	DO (mg/L - ppm)	eH ORP (mV)	DTW (ft)
10:40	NA	5.86	2	23.9	0.2	5.2		

Suggested range for stable readings or any Permit/State requirements: ±0.2 | ±3% | ±5% | ±10% | ±10% | ±10% | ±10 mV | ±0.3 ft

Stabilization Data Fields are Optional if a complete stabilization readings for parameters required by WM, Site, or State. These fields can be used when final field readings are not required by State Permit. Use these fields to record field readings before and during observed, short separations by Site. If many fields above, use multiple, 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:
07 02 03	5.86	2	23.9	0.2	5.2		

Clear Field Readings are required (i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by Site, Permit, etc.)

Sample Appearance: CLEAR Odor: NONE Color: NONE Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: SE CALM Outlook: cloudy 85°F Precipitation: Y (N)

Specific Comments (including purge/well volume calculations if required):

FIELD COMMENTS

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols. (If more than one sampler, all should sign).

Date	Name	Signature	Company
7 2 03	DAN ARMOUR		PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: TRAIL RIDGE
Site No.:
Sample Point: FB (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Data on Submittal along with the Chain of Custody Forms that accompany the samples to the laboratory.

Laboratory (as Client) ID

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (24HR Clock)	ELAPSED HRS (decimal)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLS PURGED
07 02 03					

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing Flow Full Vols Purged. Mark "Purge" as not applicable (N/A).

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment: D Dedicated (D) or N

Purging Device: —
Sampling Device: X
X-Other: SAMPLE BOTTLES

A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Filter Device: Y or (N) 0.45 u or ____ u
Filter Type:
Sample Tube Type:

A-In-line Disposable, B-Pressure, C-Vacuum, X-Other
A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): ____ (m msl)
Depth to Water (DTW) (from TOC): ____ (ft)
Groundwater Elevation (site datum, from TOC): ____
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 for Aquifer Test. Well Elevation, DTW, and Groundwater Elevation required only for Aquifer Test.

STABILIZATION DATA (Optional)

Sample Time (2400 Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25°C)	Temp (°C)	Turbidity (ntu)	DO (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1050	NA	5.91	2	24.0	02	5.2		

Suggested Steps for Various Analytes are Purge Rate Dependent

+/- 0.1 | +/- 3% | +/- 10% | +/- 10% | +/- 0.33 | +/- 10 mV | +/- 0.3

Stabilization Data Fields are Optional to complete stabilization readings for parameters required by WM, State, or Supra. These fields can be used when four (4) field parameters are required by State Permit Rule. If a Data Logger or other Electronic Format is used, fill in final readings below and submit electronic data as required by State. If only field parameters are required by State, Form is N/A.

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (µmhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
07 02 03	5.91	2	24.0	02	5.2		

Final Field Readings are required (i.e. record field measurements, final stabilized readings, pre-use sample readings before sampling for all field parameters required by State. Format N/A.

Sample Appearance: CLEAR Odor: NONE Color: NONE Other: NO SHEEN

Weather Conditions (required daily, or as conditions change): Direction/Speed: SE calm Outlook: Cloudy 85°F Precipitation 1 in CO

Specific Comments (including purge/well volume calculations if required):

FIELD COMMENTS

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols. If more than one sampler, all should sign.

Date	Name	Signature	Company
7 2 03	DAN ARMOUR		PRO-TECH

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client, PINK - Field Copy

SFL 8620/3 R 7/00

Part III: Analytical Results

Facility GMS#: 3116P02787
Test Site ID#:
Well Name: EB
Classified of Ground Water: G-II
Ground Water Elevation (NGVD):
or (MSL): N/A
Lab Code: J033736-14

Sampling Date/Time 7/2/2003 10:40:00
Report Period: 2003
Well Purge (Y/N): Y
Well Type: ( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
70300	Total Dissolved Solids	Pump	N	E160.1	7/8/2003 14:30:0	< 10	mg/L	10	4 degrees C
00940	Total Chlorides	Pump	N	E325.2	7/8/2003 09:51:0	< 0.50	mg/L	0.50	4 degrees C
NA	Ammonia (as N)	Pump	N	E350.1	7/8/2003 13:15:0	< 0.020	mg/L	0.020	Sulfuric Acid
00620	Nitrate (as N)	Pump	N	SM4500NO3-F	7/3/2003 10:55:0	< 0.13	mg/L	0.13	4 degrees C
01002	Arsenic	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.0016	mg/L	0.0016	Nitric Acid
01007	Barium	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.00076	mg/L	0.00076	Nitric Acid
01012	Beryllium	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.000059	mg/L	0.000059	Nitric Acid
01027	Cadmium	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.00036	mg/L	0.00036	Nitric Acid
01034	Chromium	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.0010	mg/L	0.0010	Nitric Acid
01037	Cobalt	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.00025	mg/L	0.00025	Nitric Acid
01042	Copper	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.0011	mg/L	0.0011	Nitric Acid
01045	Iron	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.019	mg/L	0.019	Nitric Acid
01051	Lead	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.00091	mg/L	0.00091	Nitric Acid
01067	Nickel	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.00085	mg/L	0.00085	Nitric Acid
01147	Selenium	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.0022	mg/L	0.0022	Nitric Acid
01077	Silver	Pump	N	SW6010B	7/3/2003 23:31:0	0.00048	mg/L	0.00017	Nitric Acid
00929	Sodium	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.049	mg/L	0.049	Nitric Acid
01087	Vanadium	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.00016	mg/L	0.00016	Nitric Acid
01092	Zinc	Pump	N	SW6010B	7/3/2003 23:31:0	< 0.0025	mg/L	0.0025	Nitric Acid
01097	Antimony	Pump	N	SW7041A	7/8/2003 15:44:0	< 0.0034	mg/L	0.0034	Nitric Acid
71900	Mercury	Pump	N	SW7470A	7/8/2003 12:48:0	< 0.000018	mg/L	0.000018	Nitric Acid
01087	Thallium	Pump	N	SW7841	7/9/2003 15:22:0	< 0.00098	mg/L	0.00098	Nitric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	E504.1	7/4/2003 15:31:0	< 0.0034	ug/L	0.0034	4 degrees C
NA	Ethylene Dibromide	Pump	N	E504.1	7/4/2003 15:31:0	< 0.0069	ug/L	0.0069	4 degrees C
77562	1,1,1,2-Tetrachloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
64506	1,1,1-Trichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34516	1,1,2,2-Tetrachloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.19	ug/L	0.19	Hydrochloric Acid
34511	1,1,2-Trichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34496	1,1-Dichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34501	1,1-Dichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77443	1,2,3-Trichloropropane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.33	ug/L	0.33	Hydrochloric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.55	ug/L	0.55	Hydrochloric Acid
NA	1,2-Dibromoethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34536	1,2-Dichlorobenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.28	ug/L	0.28	Hydrochloric Acid
34531	1,2-Dichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34541	1,2-Dichloropropane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	1,3-Dichloropropene (Total)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.52	ug/L	0.52	Hydrochloric Acid
34571	1,4-Dichlorobenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	2-Hexanone (MBK)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	4-Methyl-2-pentanone (MIBK)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.35	ug/L	0.35	Hydrochloric Acid
81552	Acetone	Pump	N	SW8260B	7/7/2003 12:57:0	2.9	ug/L	0.71	Hydrochloric Acid
34215	Acrylonitrile	Pump	N	SW8260B	7/7/2003 12:57:0	< 1.6	ug/L	1.6	Hydrochloric Acid
34030	Benzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.30	ug/L	0.30	Hydrochloric Acid
73085	Bromochloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
32101	Bromodichloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.29	ug/L	0.29	Hydrochloric Acid
32104	Bromoform	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

[redacted] Name: EB

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): N/A

Lab Code: J033736-14

Sampling Date/Time 7/2/2003 10:40:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
34413	Bromomethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.47	ug/L	0.47	Hydrochloric Acid
77041	Carbon Disulfide	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.41	ug/L	0.41	Hydrochloric Acid
32102	Carbon Tetrachloride	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34301	Chlorobenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.31	ug/L	0.31	Hydrochloric Acid
31311	Chloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.47	ug/L	0.47	Hydrochloric Acid
32106	Chloroform	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.41	ug/L	0.41	Hydrochloric Acid
34418	Chloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.43	ug/L	0.43	Hydrochloric Acid
77093	Cis-1,2-dichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34704	Cis-1,3-dichloropropene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
32105	Dibromochloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
NA	Dibromomethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34371	Ethylbenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	Iodomethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.40	ug/L	0.40	Hydrochloric Acid
NA	Methyl ethyl ketone	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34423	Methylene Chloride	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.21	ug/L	0.21	Hydrochloric Acid
77128	Styrene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34475	Tetrachloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.43	ug/L	0.43	Hydrochloric Acid
[redacted]	Toluene	Pump	N	SW8260B	7/7/2003 12:57:0	0.51	ug/L	0.29	Hydrochloric Acid
[redacted]	Trans-1,2-dichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.50	ug/L	0.50	Hydrochloric Acid
34699	Trans-1,3-dichloropropene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
77268	Trans-1,4-dichloro-2-butene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.52	ug/L	0.52	Hydrochloric Acid
39180	Trichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.43	ug/L	0.43	Hydrochloric Acid
34488	Trichlorofluoromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77057	Vinyl Acetate	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.31	ug/L	0.31	Hydrochloric Acid
39175	Vinyl Chloride	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.49	ug/L	0.49	Hydrochloric Acid
81551	Xylenes (Total)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.86	ug/L	0.86	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787
Test Site ID#:
Well Name: FB
Classified of Ground Water: G-II
Ground Water Elevation (NGVD):
or (MSL): N/A
Lab Code: J033736-15

Sampling Date/Time 7/2/2003 10:50:00
Report Period: 2003
Well Purge (Y/N): Y
Well Type: ( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
70300	Total Dissolved Solids	Pump	N	E160.1	7/8/2003 14:30:0	< 10	mg/L	10	4 degrees C
00940	Total Chlorides	Pump	N	E325.2	7/8/2003 09:51:0	< 0.50	mg/L	0.50	4 degrees C
NA	Ammonia (as N)	Pump	N	E350.1	7/8/2003 13:15:0	0.14	mg/L	0.020	Sulfuric Acid
00620	Nitrate (as N)	Pump	N	SM4500NO3-F	7/3/2003 10:55:0	< 0.13	mg/L	0.13	4 degrees C
01002	Arsenic	Pump	N	SW6010B	7/4/2003 22:12:0	< 0.0016	mg/L	0.0016	Nitric Acid
01007	Barium	Pump	N	SW6010B	7/4/2003 22:12:0	< 0.00076	mg/L	0.00076	Nitric Acid
01012	Beryllium	Pump	N	SW6010B	7/4/2003 22:12:0	< 0.000059	mg/L	0.000059	Nitric Acid
01027	Cadmium	Pump	N	SW6010B	7/4/2003 22:12:0	< 0.00036	mg/L	0.00036	Nitric Acid
01034	Chromium	Pump	N	SW6010B	7/4/2003 22:12:0	< 0.0010	mg/L	0.0010	Nitric Acid
01037	Cobalt	Pump	N	SW6010B	7/4/2003 22:12:0	< 0.00025	mg/L	0.00025	Nitric Acid
01042	Copper	Pump	N	SW6010B	7/4/2003 22:12:0	< 0.0011	mg/L	0.0011	Nitric Acid
01045	Iron	Pump	N	SW6010B	7/4/2003 22:12:0	< 0.019	mg/L	0.019	Nitric Acid
01051	Lead	Pump	N	SW6010B	7/4/2003 22:12:0	0.0014	mg/L	0.00091	Nitric Acid
01067	Nickel	Pump	N	SW6010B	7/4/2003 22:12:0	< 0.00085	mg/L	0.00085	Nitric Acid
01147	Selenium	Pump	N	SW6010B	7/4/2003 22:12:0	< 0.0022	mg/L	0.0022	Nitric Acid
01077	Silver	Pump	N	SW6010B	7/4/2003 22:12:0	< 0.00017	mg/L	0.00017	Nitric Acid
00929	Sodium	Pump	N	SW6010B	7/4/2003 22:12:0	< 0.049	mg/L	0.049	Nitric Acid
01087	Vanadium	Pump	N	SW6010B	7/4/2003 22:12:0	< 0.00016	mg/L	0.00016	Nitric Acid
01092	Zinc	Pump	N	SW6010B	7/4/2003 22:12:0	< 0.0025	mg/L	0.0025	Nitric Acid
01097	Antimony	Pump	N	SW7041A	7/8/2003 17:40:0	< 0.0034	mg/L	0.0034	Nitric Acid
71900	Mercury	Pump	N	SW7470A	7/8/2003 12:48:0	< 0.000018	mg/L	0.000018	Nitric Acid
01087	Thallium	Pump	N	SW7841	7/9/2003 16:55:0	< 0.00098	mg/L	0.00098	Nitric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	E504.1	7/4/2003 15:31:0	< 0.0034	ug/L	0.0034	4 degrees C
NA	Ethylene Dibromide	Pump	N	E504.1	7/4/2003 15:31:0	< 0.0069	ug/L	0.0069	4 degrees C
77562	1,1,1,2-Tetrachloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
64506	1,1,1-Trichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34516	1,1,2,2-Tetrachloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.19	ug/L	0.19	Hydrochloric Acid
34511	1,1,2-Trichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34496	1,1-Dichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34501	1,1-Dichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77443	1,2,3-Trichloropropane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.33	ug/L	0.33	Hydrochloric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.55	ug/L	0.55	Hydrochloric Acid
NA	1,2-Dibromoethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34536	1,2-Dichlorobenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.28	ug/L	0.28	Hydrochloric Acid
34531	1,2-Dichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34541	1,2-Dichloropropane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	1,3-Dichloropropene (Total)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.52	ug/L	0.52	Hydrochloric Acid
34571	1,4-Dichlorobenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	2-Hexanone (MBK)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	4-Methyl-2-pentanone (MIBK)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.35	ug/L	0.35	Hydrochloric Acid
81552	Acetone	Pump	N	SW8260B	7/7/2003 12:57:0	3.6	ug/L	0.71	Hydrochloric Acid
34215	Acrylonitrile	Pump	N	SW8260B	7/7/2003 12:57:0	< 1.6	ug/L	1.6	Hydrochloric Acid
34030	Benzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.30	ug/L	0.30	Hydrochloric Acid
73085	Bromochloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
32101	Bromodichloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.29	ug/L	0.29	Hydrochloric Acid
32104	Bromoform	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

[redacted]Name: FB

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): N/A

Lab Code: J033736-15

Sampling Date/Time 7/2/2003 10:50:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
34413	Bromomethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.47	ug/L	0.47	Hydrochloric Acid
77041	Carbon Disulfide	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.41	ug/L	0.41	Hydrochloric Acid
32102	Carbon Tetrachloride	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34301	Chlorobenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.31	ug/L	0.31	Hydrochloric Acid
31311	Chloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.47	ug/L	0.47	Hydrochloric Acid
32106	Chloroform	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.41	ug/L	0.41	Hydrochloric Acid
34418	Chloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.43	ug/L	0.43	Hydrochloric Acid
77093	Cis-1,2-dichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34704	Cis-1,3-dichloropropene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
32105	Dibromochloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
NA	Dibromomethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34371	Ethylbenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	Iodomethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.40	ug/L	0.40	Hydrochloric Acid
NA	Methyl ethyl ketone	Pump	N	SW8260B	7/7/2003 12:57:0	2.7	ug/L	0.25	Hydrochloric Acid
34423	Methylene Chloride	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.21	ug/L	0.21	Hydrochloric Acid
77128	Styrene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34475	Tetrachloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.43	ug/L	0.43	Hydrochloric Acid
[redacted]	Toluene	Pump	N	SW8260B	7/7/2003 12:57:0	0.54	ug/L	0.29	Hydrochloric Acid
[redacted]	Trans-1,2-dichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.50	ug/L	0.50	Hydrochloric Acid
34699	Trans-1,3-dichloropropene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
77268	Trans-1,4-dichloro-2-butene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.52	ug/L	0.52	Hydrochloric Acid
39180	Trichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.43	ug/L	0.43	Hydrochloric Acid
34488	Trichlorofluoromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77057	Vinyl Acetate	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.31	ug/L	0.31	Hydrochloric Acid
39175	Vinyl Chloride	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.49	ug/L	0.49	Hydrochloric Acid
81551	Xylenes (Total)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.86	ug/L	0.86	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787
Test Site ID#:
Well Name: TB
Classified of Ground Water: G-II
Ground Water Elevation (NGVD):
or (MSL): N/A
Lab Code: J033736-16

Sampling Date/Time 7/2/2003
Report Period: 2003
Well Purge (Y/N): Y
Well Type: ( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
77562	1,1,1,2-Tetrachloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
64506	1,1,1-Trichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34516	1,1,2,2-Tetrachloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.19	ug/L	0.19	Hydrochloric Acid
34511	1,1,2-Trichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34496	1,1-Dichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34501	1,1-Dichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77443	1,2,3-Trichloropropane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.33	ug/L	0.33	Hydrochloric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.55	ug/L	0.55	Hydrochloric Acid
NA	1,2-Dibromoethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34536	1,2-Dichlorobenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.28	ug/L	0.28	Hydrochloric Acid
34531	1,2-Dichloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34541	1,2-Dichloropropane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	1,3-Dichloropropene (Total)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.52	ug/L	0.52	Hydrochloric Acid
34571	1,4-Dichlorobenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	2-Hexanone (MBK)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	4-Methyl-2-pentanone (MIBK)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.35	ug/L	0.35	Hydrochloric Acid
81552	Acetone	Pump	N	SW8260B	7/7/2003 12:57:0	2.0	ug/L	0.71	Hydrochloric Acid
34215	Acrylonitrile	Pump	N	SW8260B	7/7/2003 12:57:0	< 1.6	ug/L	1.6	Hydrochloric
34030	Benzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.30	ug/L	0.30	Hydrochloric Acid
73085	Bromochloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
32101	Bromodichloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.29	ug/L	0.29	Hydrochloric Acid
32104	Bromoform	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34413	Bromomethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.47	ug/L	0.47	Hydrochloric Acid
77041	Carbon Disulfide	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.41	ug/L	0.41	Hydrochloric Acid
32102	Carbon Tetrachloride	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34301	Chlorobenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.31	ug/L	0.31	Hydrochloric Acid
31311	Chloroethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.47	ug/L	0.47	Hydrochloric Acid
32106	Chloroform	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.41	ug/L	0.41	Hydrochloric Acid
34418	Chloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.43	ug/L	0.43	Hydrochloric Acid
77093	Cis-1,2-dichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34704	Cis-1,3-dichloropropene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
32105	Dibromochloromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
NA	Dibromomethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34371	Ethylbenzene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	Iodomethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.40	ug/L	0.40	Hydrochloric Acid
NA	Methyl ethyl ketone	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34423	Methylene Chloride	Pump	N	SW8260B	7/7/2003 12:57:0	0.38	ug/L	0.21	Hydrochloric Acid
77128	Styrene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34475	Tetrachloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.43	ug/L	0.43	Hydrochloric Acid
78131	Toluene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.29	ug/L	0.29	Hydrochloric Acid
34546	Trans-1,2-dichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.50	ug/L	0.50	Hydrochloric Acid
34699	Trans-1,3-dichloropropene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.25	ug/L	0.25	Hydrochloric Acid
77268	Trans-1,4-dichloro-2-butene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.52	ug/L	0.52	Hydrochloric Acid
39180	Trichloroethene	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.43	ug/L	0.43	Hydrochloric
34488	Trichlorofluoromethane	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.50	ug/L	0.50	Hydrochloric
77057	Vinyl Acetate	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.31	ug/L	0.31	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

Name: TB

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): N/A

Lab Code: J033736-16

Sampling Date/Time 7/2/2003

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
39175	Vinyl Chloride	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.49	ug/L	0.49	Hydrochloric Acid
81551	Xylenes (Total)	Pump	N	SW8260B	7/7/2003 12:57:0	< 0.86	ug/L	0.86	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787 **Sampling Date/Time** 7/1/2003

Test Site ID#: **Report Period:** 2003

Well Name: TB **Well Purge (Y/N):** Y

Classified of Ground Water: G-II **Well Type:** ( ) Background

Ground Water Elevation (NGVD): ( ) Intermediate

or (MSL): N/A (X) Compliance

Lab Code: J033718-08 ( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
77562	1,1,1,2-Tetrachloroethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.27	ug/L	0.27	Hydrochloric Acid
64506	1,1,1-Trichloroethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34516	1,1,2,2-Tetrachloroethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.19	ug/L	0.19	Hydrochloric Acid
34511	1,1,2-Trichloroethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34496	1,1-Dichloroethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34501	1,1-Dichloroethene	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77443	1,2,3-Trichloropropane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.33	ug/L	0.33	Hydrochloric Acid
38760	1,2-Dibromo-3-chloropropane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.55	ug/L	0.55	Hydrochloric Acid
NA	1,2-Dibromoethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34536	1,2-Dichlorobenzene	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.28	ug/L	0.28	Hydrochloric Acid
34531	1,2-Dichloroethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34541	1,2-Dichloropropane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	1,3-Dichloropropene (Total)	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.52	ug/L	0.52	Hydrochloric Acid
34571	1,4-Dichlorobenzene	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	2-Hexanone (MBK)	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	4-Methyl-2-pentanone (MIBK)	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.35	ug/L	0.35	Hydrochloric Acid
81552	Acetone	Grab	N	SW8260B	7/3/2003 19:10:0	1.9	ug/L	0.71	Hydrochloric Acid
34215	Acrylonitrile	Grab	N	SW8260B	7/3/2003 19:10:0	< 1.6	ug/L	1.6	Hydrochloric
34030	Benzene	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.30	ug/L	0.30	Hydrochloric Acid
73085	Bromochloromethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
32101	Bromodichloromethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.29	ug/L	0.29	Hydrochloric Acid
32104	Bromoform	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34413	Bromomethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.47	ug/L	0.47	Hydrochloric Acid
77041	Carbon Disulfide	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.41	ug/L	0.41	Hydrochloric Acid
32102	Carbon Tetrachloride	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34301	Chlorobenzene	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.31	ug/L	0.31	Hydrochloric Acid
31311	Chloroethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.47	ug/L	0.47	Hydrochloric Acid
32106	Chloroform	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.41	ug/L	0.41	Hydrochloric Acid
34418	Chloromethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.43	ug/L	0.43	Hydrochloric Acid
77093	Cis-1,2-dichloroethene	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34704	Cis-1,3-dichloropropene	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.27	ug/L	0.27	Hydrochloric Acid
32105	Dibromochloromethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
NA	Dibromomethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34371	Ethylbenzene	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	Iodomethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.40	ug/L	0.40	Hydrochloric Acid
NA	Methyl ethyl ketone	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34423	Methylene Chloride	Grab	N	SW8260B	7/3/2003 19:10:0	0.41	ug/L	0.21	Hydrochloric Acid
77128	Styrene	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34475	Tetrachloroethene	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.43	ug/L	0.43	Hydrochloric Acid
78131	Toluene	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.29	ug/L	0.29	Hydrochloric Acid
34546	Trans-1,2-dichloroethene	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.50	ug/L	0.50	Hydrochloric Acid
34699	Trans-1,3-dichloropropene	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
77268	Trans-1,4-dichloro-2-butene	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.52	ug/L	0.52	Hydrochloric Acid
39180	Trichloroethene	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.43	ug/L	0.43	Hydrochloric A
34488	Trichlorofluoromethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.50	ug/L	0.50	Hydrochloric
77057	Vinyl Acetate	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.31	ug/L	0.31	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

Name: TB

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): N/A

Lab Code: J033718-08

Sampling Date/Time 7/1/2003

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
39175	Vinyl Chloride	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.49	ug/L	0.49	Hydrochloric Acid
81551	Xylenes (Total)	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.86	ug/L	0.86	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

Well Name: TB

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): N/A

Lab Code: J033737-03

Sampling Date/Time 7/2/2003

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
77562	1,1,1,2-Tetrachloroethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.27	ug/L	0.27	Hydrochloric Acid
64506	1,1,1-Trichloroethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34516	1,1,2,2-Tetrachloroethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.19	ug/L	0.19	Hydrochloric Acid
34511	1,1,2-Trichloroethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34496	1,1-Dichloroethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34501	1,1-Dichloroethene	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77443	1,2,3-Trichloropropane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.33	ug/L	0.33	Hydrochloric Acid
38760	1,2-Dibromo-3-chloropropane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.55	ug/L	0.55	Hydrochloric Acid
NA	1,2-Dibromoethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34536	1,2-Dichlorobenzene	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.28	ug/L	0.28	Hydrochloric Acid
34531	1,2-Dichloroethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34541	1,2-Dichloropropane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	1,3-Dichloropropene (Total)	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.52	ug/L	0.52	Hydrochloric Acid
34571	1,4-Dichlorobenzene	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	2-Hexanone (MBK)	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	4-Methyl-2-pentanone (MIBK)	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.35	ug/L	0.35	Hydrochloric Acid
81552	Acetone	Grab	N	SW8260B	7/3/2003 19:10:0	2.2	ug/L	0.71	Hydrochloric Acid
34215	Acrylonitrile	Grab	N	SW8260B	7/3/2003 19:10:0	< 1.6	ug/L	1.6	Hydrochloric
34030	Benzene	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.30	ug/L	0.30	Hydrochloric Acid
73085	Bromochloromethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
32101	Bromodichloromethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.29	ug/L	0.29	Hydrochloric Acid
32104	Bromoform	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34413	Bromomethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.47	ug/L	0.47	Hydrochloric Acid
77041	Carbon Disulfide	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.41	ug/L	0.41	Hydrochloric Acid
32102	Carbon Tetrachloride	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34301	Chlorobenzene	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.31	ug/L	0.31	Hydrochloric Acid
31311	Chloroethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.47	ug/L	0.47	Hydrochloric Acid
32106	Chloroform	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.41	ug/L	0.41	Hydrochloric Acid
34418	Chloromethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.43	ug/L	0.43	Hydrochloric Acid
77093	Cis-1,2-dichloroethene	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34704	Cis-1,3-dichloropropene	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.27	ug/L	0.27	Hydrochloric Acid
32105	Dibromochloromethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
NA	Dibromomethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34371	Ethylbenzene	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	Iodomethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.40	ug/L	0.40	Hydrochloric Acid
NA	Methyl ethyl ketone	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34423	Methylene Chloride	Grab	N	SW8260B	7/3/2003 19:10:0	0.45	ug/L	0.21	Hydrochloric Acid
77128	Styrene	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34475	Tetrachloroethene	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.43	ug/L	0.43	Hydrochloric Acid
78131	Toluene	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.29	ug/L	0.29	Hydrochloric Acid
34546	Trans-1,2-dichloroethene	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.50	ug/L	0.50	Hydrochloric Acid
34699	Trans-1,3-dichloropropene	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
77268	Trans-1,4-dichloro-2-butene	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.52	ug/L	0.52	Hydrochloric Acid
39180	Trichloroethene	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.43	ug/L	0.43	Hydrochloric
34488	Trichlorofluoromethane	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.50	ug/L	0.50	Hydrochloric
77057	Vinyl Acetate	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.31	ug/L	0.31	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

Name: TB

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): N/A

Lab Code: J033737-03

Sampling Date/Time 7/2/2003

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
39175	Vinyl Chloride	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.49	ug/L	0.49	Hydrochloric Acid
81551	Xylenes (Total)	Grab	N	SW8260B	7/3/2003 19:10:0	< 0.86	ug/L	0.86	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787
Test Site ID#:
Well Name: TB
Classified of Ground Water: G-II
Ground Water Elevation (NGVD):
or (MSL):
Lab Code: J033705-20

Sampling Date/Time 7/1/2003
Report Period: 2003
Well Purge (Y/N): Y
Well Type: ( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
77562	1,1,1,2-Tetrachloroethane	Grab	N	SW8260B	7/2/2003 19:20:0	< 0.27	ug/L	0.27	Hydrochloric Acid
64506	1,1,1-Trichloroethane	Grab	N	SW8260B	7/2/2003 19:20:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34516	1,1,2,2-Tetrachloroethane	Grab	N	SW8260B	7/2/2003 19:20:0	< 0.19	ug/L	0.19	Hydrochloric Acid
34511	1,1,2-Trichloroethane	Grab	N	SW8260B	7/2/2003 19:20:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34496	1,1-Dichloroethane	Grab	N	SW8260B	7/2/2003 19:20:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34501	1,1-Dichloroethene	Grab	N	SW8260B	7/2/2003 19:20:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77443	1,2,3-Trichloropropane	Grab	N	SW8260B	7/2/2003 19:20:0	< 0.33	ug/L	0.33	Hydrochloric Acid
38760	1,2-Dibromo-3-chloropropane	Grab	N	SW8260B	7/2/2003 19:20:0	< 0.55	ug/L	0.55	Hydrochloric Acid
NA	1,2-Dibromoethane	Grab	N	SW8260B	7/2/2003 19:20:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34536	1,2-Dichlorobenzene	Grab	N	SW8260B	7/2/2003 19:20:0	< 0.28	ug/L	0.28	Hydrochloric Acid
34531	1,2-Dichloroethane	Grab	N	SW8260B	7/2/2003 19:20:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34541	1,2-Dichloropropane	Grab	N	SW8260B	7/2/2003 19:20:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	1,3-Dichloropropene (Total)	Grab	N	SW8260B	7/2/2003 19:20:0	< 0.52	ug/L	0.52	Hydrochloric Acid
34571	1,4-Dichlorobenzene	Grab	N	SW8260B	7/2/2003 19:20:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	2-Hexanone (MBK)	Grab	N	SW8260B	7/2/2003 19:20:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	4-Methyl-2-pentanone (MIBK)	Grab	N	SW8260B	7/2/2003 19:20:0	< 0.35	ug/L	0.35	Hydrochloric Acid
81552	Acetone	Grab	N	SW8260B	7/2/2003 19:20:0	3.6	ug/L	0.71	Hydrochloric Acid
34215	Acrylonitrile	Grab	N	SW8260B	7/2/2003 19:20:0	< 1.6	ug/L	1.6	Hydrochloric
34030	Benzene	Grab	N	SW8260B	7/2/2003 19:20:0	< 0.30	ug/L	0.30	Hydrochloric Acid
73085	Bromochloromethane	Grab	N	SW8260B	7/2/2003 19:20:0	< 0.39	ug/L	0.39	Hydrochloric Acid
32101	Bromodichloromethane	Grab	N	SW8260B	7/2/2003 19:20:0	< 0.29	ug/L	0.29	Hydrochloric Acid
32104	Bromoform	Grab	N	SW8260B	7/2/2003 19:20:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34413	Bromomethane	Grab	N	SW8260B	7/2/2003 19:20:0	0.71	ug/L	0.47	Hydrochloric Acid
77041	Carbon Disulfide	Grab	N	SW8260B	7/2/2003 19:20:0	< 0.41	ug/L	0.41	Hydrochloric Acid
32102	Carbon Tetrachloride	Grab	N	SW8260B	7/2/2003 19:20:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34301	Chlorobenzene	Grab	N	SW8260B	7/2/2003 19:20:0	< 0.31	ug/L	0.31	Hydrochloric Acid
31311	Chloroethane	Grab	N	SW8260B	7/2/2003 19:20:0	< 0.47	ug/L	0.47	Hydrochloric Acid
32106	Chloroform	Grab	N	SW8260B	7/2/2003 19:20:0	< 0.41	ug/L	0.41	Hydrochloric Acid
34418	Chloromethane	Grab	N	SW8260B	7/2/2003 19:20:0	< 0.43	ug/L	0.43	Hydrochloric Acid
77093	Cis-1,2-dichloroethene	Grab	N	SW8260B	7/2/2003 19:20:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34704	Cis-1,3-dichloropropene	Grab	N	SW8260B	7/2/2003 19:20:0	< 0.27	ug/L	0.27	Hydrochloric Acid
32105	Dibromochloromethane	Grab	N	SW8260B	7/2/2003 19:20:0	< 0.25	ug/L	0.25	Hydrochloric Acid
NA	Dibromomethane	Grab	N	SW8260B	7/2/2003 19:20:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34371	Ethylbenzene	Grab	N	SW8260B	7/2/2003 19:20:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	Iodomethane	Grab	N	SW8260B	7/2/2003 19:20:0	0.67	ug/L	0.40	Hydrochloric Acid
NA	Methyl ethyl ketone	Grab	N	SW8260B	7/2/2003 19:20:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34423	Methylene Chloride	Grab	N	SW8260B	7/2/2003 19:20:0	< 0.21	ug/L	0.21	Hydrochloric Acid
77128	Styrene	Grab	N	SW8260B	7/2/2003 19:20:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34475	Tetrachloroethene	Grab	N	SW8260B	7/2/2003 19:20:0	< 0.43	ug/L	0.43	Hydrochloric Acid
78131	Toluene	Grab	N	SW8260B	7/2/2003 19:20:0	< 0.29	ug/L	0.29	Hydrochloric Acid
34546	Trans-1,2-dichloroethene	Grab	N	SW8260B	7/2/2003 19:20:0	< 0.50	ug/L	0.50	Hydrochloric Acid
34699	Trans-1,3-dichloropropene	Grab	N	SW8260B	7/2/2003 19:20:0	< 0.25	ug/L	0.25	Hydrochloric Acid
77268	Trans-1,4-dichloro-2-butene	Grab	N	SW8260B	7/2/2003 19:20:0	1.3	ug/L	0.52	Hydrochloric Acid
39180	Trichloroethene	Grab	N	SW8260B	7/2/2003 19:20:0	< 0.43	ug/L	0.43	Hydrochloric
34488	Trichlorofluoromethane	Grab	N	SW8260B	7/2/2003 19:20:0	< 0.50	ug/L	0.50	Hydrochloric
77057	Vinyl Acetate	Grab	N	SW8260B	7/2/2003 19:20:0	< 0.31	ug/L	0.31	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

Name: TB

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL):

Lab Code: J033705-20

Sampling Date/Time 7/1/2003

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
39175	Vinyl Chloride	Grab	N	SW8260B	7/2/2003 19:20:0	< 0.49	ug/L	0.49	Hydrochloric Acid
81551	Xylenes (Total)	Grab	N	SW8260B	7/2/2003 19:20:0	< 0.86	ug/L	0.86	Hydrochloric Acid

TRAIL RIDGE LANDFILL

App I Field lab.

APPENDIX II SAMPLING RESULTS
(FDEP FORM AND STANDARD LABORATORY REPORT)

MWB -2(S) BK
MWB-14(S) C
MWB-23(S) C
MWB-34(S) D

Part III: Analytical Results

Facility GMS#: 3116P02787

T[redacted] Site ID#:

[redacted] Name: MWB-2S

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 138.93

Lab Code: J033716-02

Sampling Date/Time 7/1/2003 10:42:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
NA	Color/Sheen	Pump	N	Field	7/1/2003 10:42:0	None		N/A	Field
NA	Conductivity	Pump	N	Field	7/1/2003 10:42:0	71	µmhos/cm	N/A	Field
NA	Dissolved Oxygen	Pump	N	Field	7/1/2003 10:42:0	1.3	mg/L O2	N/A	Field
00400	pH (Field)	Pump	N	Field	7/1/2003 10:42:0	4.55	pH Units	N/A	Field
NA	Temperature	Pump	N	Field	7/1/2003 10:42:0	22	°C	N/A	Field
NA	Turbidity	Pump	N	Field	7/1/2003 10:42:0	5.2	NTU	N/A	Field
70300	Total Dissolved Solids	Pump	N	E160.1	7/8/2003 10:35:0	47	mg/L	10	4 degrees C
00940	Total Chlorides	Pump	N	E325.2	7/7/2003 14:16:0	6.6	mg/L	0.50	4 degrees C
NA	Ammonia (as N)	Pump	N	E350.1	7/14/2003 12:00:	< 0.019	mg/L	0.019	Sulfuric Acid
NA	Cyanide	Pump	N	SM4500CN-E	7/10/2003 09:00:	< 0.0041	mg/L	0.0041	Sodium Hydroxide
00620	Nitrate (as N)	Pump	N	SM4500NO3-F	7/2/2003 14:56:0	< 0.13	mg/L	0.13	4 degrees C
NA	Sulfide (as H2S)	Pump	N	SM4500SD	7/8/2003 08:00:0	0.066	mg/L	0.049	Sodium Hydroxide
01002	Arsenic	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.0016	mg/L	0.0016	Nitric Acid
01007	Barium	Pump	N	SW6010B	7/3/2003 18:38:0	0.017	mg/L	0.00076	Nitric Acid
01012	Beryllium	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.000059	mg/L	0.000059	Nitric Acid
01027	Cadmium	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.00036	mg/L	0.00036	Nitric Acid
01034	Chromium	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.0010	mg/L	0.0010	Nitric Acid
[redacted]	Cobalt	Pump	N	SW6010B	7/3/2003 18:38:0	0.00032	mg/L	0.00025	Nitric Acid
[redacted]	Copper	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.0011	mg/L	0.0011	Nitric Acid
01045	Iron	Pump	N	SW6010B	7/3/2003 18:38:0	0.23	mg/L	0.019	Nitric Acid
01051	Lead	Pump	N	SW6010B	7/3/2003 18:38:0	0.0028	mg/L	0.00091	Nitric Acid
01067	Nickel	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.00085	mg/L	0.00085	Nitric Acid
01147	Selenium	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.0022	mg/L	0.0022	Nitric Acid
01077	Silver	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.00017	mg/L	0.00017	Nitric Acid
00929	Sodium	Pump	N	SW6010B	7/3/2003 18:38:0	4.1	mg/L	0.049	Nitric Acid
NA	Tin	Pump	N	SW6010B	7/3/2003 18:38:0	0.0042	mg/L	0.0040	Nitric Acid
01087	Vanadium	Pump	N	SW6010B	7/3/2003 18:38:0	0.00092	mg/L	0.00016	Nitric Acid
01092	Zinc	Pump	N	SW6010B	7/3/2003 18:38:0	0.0029	mg/L	0.0025	Nitric Acid
01097	Antimony	Pump	N	SW7041A	7/8/2003 13:29:0	< 0.0034	mg/L	0.0034	Nitric Acid
71900	Mercury	Pump	N	SW7470A	7/8/2003 09:13:0	< 0.000018	mg/L	0.000018	Nitric Acid
01087	Thallium	Pump	N	SW7841	7/3/2003 12:50:0	< 0.00098	mg/L	0.00098	Nitric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	E504.1	7/3/2003 00:13:0	< 0.0034	ug/L	0.0034	4 degrees C
NA	Ethylene Dibromide	Pump	N	E504.1	7/3/2003 00:13:0	< 0.0069	ug/L	0.0069	4 degrees C
77562	1,1,1,2-Tetrachloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.27	ug/L	0.27	Hydrochloric Acid
64506	1,1,1-Trichloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34516	1,1,2,2-Tetrachloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.19	ug/L	0.19	Hydrochloric Acid
34511	1,1,2-Trichloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34496	1,1-Dichloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34501	1,1-Dichloroethene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.50	ug/L	0.50	Hydrochloric Acid
NA	1,1-Dichloropropene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
77443	1,2,3-Trichloropropane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.33	ug/L	0.33	Hydrochloric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.55	ug/L	0.55	Hydrochloric Acid
NA	1,2-Dibromoethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
[redacted]	1,2-Dichlorobenzene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.28	ug/L	0.28	Hydrochloric Acid
[redacted]	1,2-Dichloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34541	1,2-Dichloropropane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.30	ug/L	0.30	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

Well Name: MWB-2S

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 138.93

Lab Code: J033716-02

Sampling Date/Time 7/1/2003 10:42:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
34566	1,3-Dichlorobenzene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.26	ug/L	0.26	Hydrochloric Acid
NA	1,3-Dichloropropane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.26	ug/L	0.26	Hydrochloric Acid
34571	1,4-Dichlorobenzene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	2,2-Dichloropropane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
NA	2-Hexanone (MBK)	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	4-Methyl-2-pentanone (MIBK)	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.35	ug/L	0.35	Hydrochloric Acid
81552	Acetone	Pump	N	SW8260B	7/3/2003 19:10:0	2.7	ug/L	0.71	Hydrochloric Acid
34210	Acrolein	Pump	N	SW8260B	7/3/2003 19:10:0	< 2.8	ug/L	2.8	Hydrochloric Acid
34215	Acrylonitrile	Pump	N	SW8260B	7/3/2003 19:10:0	< 1.6	ug/L	1.6	Hydrochloric Acid
NA	Allyl Chloride	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.83	ug/L	0.83	Hydrochloric Acid
34030	Benzene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.30	ug/L	0.30	Hydrochloric Acid
73085	Bromochloromethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
32101	Bromodichloromethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.29	ug/L	0.29	Hydrochloric Acid
32104	Bromoform	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34413	Bromomethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.47	ug/L	0.47	Hydrochloric Acid
77041	Carbon Disulfide	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.41	ug/L	0.41	Hydrochloric Acid
32102	Carbon Tetrachloride	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34301	Chlorobenzene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.31	ug/L	0.31	Hydrochloric Acid
31311	Chloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.47	ug/L	0.47	Hydrochloric Acid
32106	Chloroform	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.41	ug/L	0.41	Hydrochloric Acid
34418	Chloromethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.43	ug/L	0.43	Hydrochloric Acid
NA	Chloroprene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.28	ug/L	0.28	Hydrochloric Acid
77093	Cis-1,2-dichloroethene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34704	Cis-1,3-dichloropropene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.27	ug/L	0.27	Hydrochloric Acid
32105	Dibromochloromethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
NA	Dibromomethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34668	Dichlorodifluoromethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.51	ug/L	0.51	Hydrochloric Acid
34371	Ethylbenzene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	Ethylmethacrylate	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.43	ug/L	0.43	Hydrochloric Acid
NA	Iodomethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.40	ug/L	0.40	Hydrochloric Acid
NA	Isobutyl Alcohol	Pump	N	SW8260B	7/3/2003 19:10:0	< 16	ug/L	16	Hydrochloric Acid
NA	m&p-Xylenes	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.61	ug/L	0.61	Hydrochloric Acid
NA	Methacrylonitrile	Pump	N	SW8260B	7/3/2003 19:10:0	< 5.7	ug/L	5.7	Hydrochloric Acid
NA	Methyl ethyl ketone	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
NA	Methyl Methacrylate	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.38	ug/L	0.38	Hydrochloric Acid
34423	Methylene Chloride	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.21	ug/L	0.21	Hydrochloric Acid
NA	Naphthalene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.24	ug/L	0.24	Hydrochloric Acid
NA	o-Xylene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
NA	Propionitrile (ethyl cyanide)	Pump	N	SW8260B	7/3/2003 19:10:0	< 5.9	ug/L	5.9	Hydrochloric Acid
77128	Styrene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34475	Tetrachloroethene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.43	ug/L	0.43	Hydrochloric Acid
78131	Toluene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.29	ug/L	0.29	Hydrochloric Acid
34546	Trans-1,2-dichloroethene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.50	ug/L	0.50	Hydrochloric Acid
34699	Trans-1,3-dichloropropene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
77268	Trans-1,4-dichloro-2-butene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.52	ug/L	0.52	Hydrochloric Acid
39180	Trichloroethene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.43	ug/L	0.43	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

[redacted] Name: MWB-2S

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 138.93

Lab Code: J033716-02

Sampling Date/Time 7/1/2003 10:42:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
34488	Trichlorofluoromethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77057	Vinyl Acetate	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.31	ug/L	0.31	Hydrochloric Acid
39175	Vinyl Chloride	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.49	ug/L	0.49	Hydrochloric Acid
NA	1,2,4,5-Tetrachlorobenzene	Pump	N	SW8270C	7/8/2003 11:36:0	< 2.5	ug/L	2.5	4 degrees C
NA	1,2,4-Trichlorobenzene	Pump	N	SW8270C	7/8/2003 11:36:0	< 2.7	ug/L	2.7	4 degrees C
NA	1,3-Dinitrobenzene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.8	ug/L	1.8	4 degrees C
NA	1,4-Naphthoquinone	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.3	ug/L	1.3	4 degrees C
NA	1-Naphthylamine	Pump	N	SW8270C	7/8/2003 11:36:0	< 0.98	ug/L	0.98	4 degrees C
NA	2,3,4,6-Tetrachlorophenol	Pump	N	SW8270C	7/8/2003 11:36:0	< 3.0	ug/L	3.0	4 degrees C
NA	2,4,5-Trichlorophenol	Pump	N	SW8270C	7/8/2003 11:36:0	< 3.5	ug/L	3.5	4 degrees C
NA	2,4,6-Trichlorophenol	Pump	N	SW8270C	7/8/2003 11:36:0	< 2.2	ug/L	2.2	4 degrees C
NA	2,4-Dichlorophenol	Pump	N	SW8270C	7/8/2003 11:36:0	< 2.2	ug/L	2.2	4 degrees C
NA	2,4-Dimethylphenol	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.9	ug/L	1.9	4 degrees C
NA	2,4-Dinitrophenol	Pump	N	SW8270C	7/8/2003 11:36:0	< 4.6	ug/L	4.6	4 degrees C
NA	2,4-Dinitrotoluene	Pump	N	SW8270C	7/8/2003 11:36:0	< 0.94	ug/L	0.94	4 degrees C
NA	2,6-Dichlorophenol	Pump	N	SW8270C	7/8/2003 11:36:0	< 2.2	ug/L	2.2	4 degrees C
NA	2,6-Dinitrotoluene	Pump	N	SW8270C	7/8/2003 11:36:0	< 2.1	ug/L	2.1	4 degrees C
[redacted]	2-Acetylaminofluorene	Pump	N	SW8270C	7/8/2003 11:36:0	< 0.95	ug/L	0.95	4 degrees C
[redacted]	2-Chloronaphthalene	Pump	N	SW8270C	7/8/2003 11:36:0	< 2.0	ug/L	2.0	4 degrees C
NA	2-Chlorophenol	Pump	N	SW8270C	7/8/2003 11:36:0	< 2.7	ug/L	2.7	4 degrees C
NA	2-Methylnaphthalene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.2	ug/L	1.2	4 degrees C
NA	2-Methylphenol	Pump	N	SW8270C	7/8/2003 11:36:0	< 2.3	ug/L	2.3	4 degrees C
NA	2-Naphthylamine	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.3	ug/L	1.3	4 degrees C
NA	2-Nitroaniline	Pump	N	SW8270C	7/8/2003 11:36:0	< 0.78	ug/L	0.78	4 degrees C
NA	2-Nitrophenol	Pump	N	SW8270C	7/8/2003 11:36:0	< 3.0	ug/L	3.0	4 degrees C
NA	3-Methylcholanthrene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.3	ug/L	1.3	4 degrees C
NA	3-Nitroaniline	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.5	ug/L	1.5	4 degrees C
NA	4,6-Dinitro-2-methylphenol	Pump	N	SW8270C	7/8/2003 11:36:0	< 3.7	ug/L	3.7	4 degrees C
NA	4-Aminobiphenyl	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.2	ug/L	1.2	4 degrees C
NA	4-Bromophenyl phenyl ether	Pump	N	SW8270C	7/8/2003 11:36:0	< 2.3	ug/L	2.3	4 degrees C
NA	4-Chloro-3-methylphenol	Pump	N	SW8270C	7/8/2003 11:36:0	< 2.6	ug/L	2.6	4 degrees C
NA	4-Chloroaniline	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.4	ug/L	1.4	4 degrees C
NA	4-Chlorophenyl Phenyl Ether	Pump	N	SW8270C	7/8/2003 11:36:0	< 2.8	ug/L	2.8	4 degrees C
NA	4-Nitroaniline	Pump	N	SW8270C	7/8/2003 11:36:0	< 0.63	ug/L	0.63	4 degrees C
NA	4-Nitrophenol	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.7	ug/L	1.7	4 degrees C
NA	5-Nitro-o-toluidine	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.0	ug/L	1.0	4 degrees C
NA	7,12-Dimethylbenz(a)anthracene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.3	ug/L	1.3	4 degrees C
NA	Acenaphthene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.7	ug/L	1.7	4 degrees C
NA	Acenaphthylene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.6	ug/L	1.6	4 degrees C
NA	Acetophenone	Pump	N	SW8270C	7/8/2003 11:36:0	< 0.86	ug/L	0.86	4 degrees C
NA	Anthracene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.3	ug/L	1.3	4 degrees C
NA	Aramite	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.5	ug/L	1.5	4 degrees C
NA	Benzo(a)anthracene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.4	ug/L	1.4	4 degrees C
[redacted]	Benzo(a)pyrene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.1	ug/L	1.1	4 degrees C
[redacted]	Benzo(b)fluoranthene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.5	ug/L	1.5	4 degrees C
NA	Benzo(g,h,i)perylene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.1	ug/L	1.1	4 degrees C

Part III: Analytical Results

Facility GMS#: 3116P02787
Test Site ID#:
Well Name: MWB-2S
Classified of Ground Water: G-II
Ground Water Elevation (NGVD):
or (MSL): 138.93
Lab Code: J033716-02

Sampling Date/Time 7/1/2003 10:42:00
Report Period: 2003
Well Purge (Y/N): Y
Well Type: ( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
NA	Benzo(k)fluoranthene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.8	ug/L	1.8	4 degrees C
NA	Benzyl Alcohol	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.4	ug/L	1.4	4 degrees C
NA	Benzyl Butyl Phthalate	Pump	N	SW8270C	7/8/2003 11:36:0	< 0.87	ug/L	0.87	4 degrees C
NA	Bis(2-chloroethoxy)methane	Pump	N	SW8270C	7/8/2003 11:36:0	< 2.4	ug/L	2.4	4 degrees C
NA	Bis(2-chloroethyl) Ether	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.3	ug/L	1.3	4 degrees C
NA	Bis(2-chloroisopropyl) Ether	Pump	N	SW8270C	7/8/2003 11:36:0	< 2.0	ug/L	2.0	4 degrees C
NA	Bis(2-ethylhexyl)phthalate	Pump	N	SW8270C	7/8/2003 11:36:0	< 0.74	ug/L	0.74	4 degrees C
NA	Chlorobenzilate	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.4	ug/L	1.4	4 degrees C
NA	Chrysene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.7	ug/L	1.7	4 degrees C
NA	Di-n-butyl Phthalate	Pump	N	SW8270C	7/8/2003 11:36:0	< 0.75	ug/L	0.75	4 degrees C
NA	Di-n-octyl Phthalate	Pump	N	SW8270C	7/8/2003 11:36:0	< 0.82	ug/L	0.82	4 degrees C
NA	Diallate	Pump	N	SW8270C	7/8/2003 11:36:0	< 0.75	ug/L	0.75	4 degrees C
NA	Dibenz(a,h)anthracene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.2	ug/L	1.2	4 degrees C
NA	Dibenzofuran	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.4	ug/L	1.4	4 degrees C
NA	Diethyl Phthalate	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.4	ug/L	1.4	4 degrees C
46314	Dimethoate	Pump	N	SW8270C	7/8/2003 11:36:0	< 0.58	ug/L	0.58	4 degrees C
NA	Dimethyl Phthalate	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.3	ug/L	1.3	4 degrees C
NA	Dinoseb	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.7	ug/L	1.7	4 degrees C
NA	Diphenylamine	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.8	ug/L	1.8	4 degrees C
81888	Disulfoton	Pump	N	SW8270C	7/8/2003 11:36:0	< 0.77	ug/L	0.77	4 degrees C
NA	Ethyl Methanesulfonate	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.2	ug/L	1.2	4 degrees C
38462	Famphur	Pump	N	SW8270C	7/8/2003 11:36:0	< 56	ug/L	56	4 degrees C
NA	Fluoranthene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.6	ug/L	1.6	4 degrees C
NA	Fluorene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.5	ug/L	1.5	4 degrees C
NA	Hexachlorobenzene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.8	ug/L	1.8	4 degrees C
NA	Hexachlorobutadiene	Pump	N	SW8270C	7/8/2003 11:36:0	< 2.1	ug/L	2.1	4 degrees C
NA	Hexachlorocyclopentadiene	Pump	N	SW8270C	7/8/2003 11:36:0	< 0.92	ug/L	0.92	4 degrees C
NA	Hexachloroethane	Pump	N	SW8270C	7/8/2003 11:36:0	< 2.8	ug/L	2.8	4 degrees C
NA	Hexachloropropene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.1	ug/L	1.1	4 degrees C
NA	Indeno(1,2,3-cd)pyrene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.6	ug/L	1.6	4 degrees C
NA	Isodrin	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.4	ug/L	1.4	4 degrees C
NA	Isophorone	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.3	ug/L	1.3	4 degrees C
NA	Isosafrole	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.5	ug/L	1.5	4 degrees C
NA	Kepone	Pump	N	SW8270C	7/8/2003 11:36:0	< 74	ug/L	74	4 degrees C
NA	Methapyrilene	Pump	N	SW8270C	7/8/2003 11:36:0	< 0.92	ug/L	0.92	4 degrees C
NA	Methyl Methanesulfonate	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.3	ug/L	1.3	4 degrees C
39600	Methyl Parathion	Pump	N	SW8270C	7/8/2003 11:36:0	< 0.54	ug/L	0.54	4 degrees C
NA	N-Nitroso-di-n-butylamine	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.7	ug/L	1.7	4 degrees C
NA	N-Nitroso-di-n-propylamine	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.5	ug/L	1.5	4 degrees C
NA	N-nitrosodiethylamine	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.7	ug/L	1.7	4 degrees C
NA	N-Nitrosodimethylamine	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.5	ug/L	1.5	4 degrees C
NA	N-Nitrosodiphenylamine	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.7	ug/L	1.7	4 degrees C
NA	N-nitrosomethylethylamine	Pump	N	SW8270C	7/8/2003 11:36:0	< 2.1	ug/L	2.1	4 degrees C
NA	N-Nitrosopiperidine	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.5	ug/L	1.5	4 degrees C
NA	N-nitrosopyrrolidine	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.1	ug/L	1.1	4 degrees C
NA	Nitrobenzene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.0	ug/L	1.0	4 degrees C

Part III: Analytical Results

Facility GMS#: 3116P02787

Site ID#:

Name: MWB-2S

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 138.93

Lab Code: J033716-02

Sampling Date/Time 7/1/2003 10:42:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
73417	O,O,O-Triethyl phosphorothioate	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.2	ug/L	1.2	4 degrees C
NA	o-Toluidine	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.3	ug/L	1.3	4 degrees C
NA	p-Dimethylaminoazobenzene	Pump	N	SW8270C	7/8/2003 11:36:0	< 0.82	ug/L	0.82	4 degrees C
NA	p-Phenylenediamine	Pump	N	SW8270C	7/8/2003 11:36:0	< 8.2	ug/L	8.2	4 degrees C
39540	Parathion	Pump	N	SW8270C	7/8/2003 11:36:0	< 13	ug/L	13	4 degrees C
NA	Pentachlorobenzene	Pump	N	SW8270C	7/8/2003 11:36:0	< 2.7	ug/L	2.7	4 degrees C
NA	Pentachloronitrobenzene	Pump	N	SW8270C	7/8/2003 11:36:0	< 2.8	ug/L	2.8	4 degrees C
NA	Pentachlorophenol	Pump	N	SW8270C	7/8/2003 11:36:0	< 3.2	ug/L	3.2	4 degrees C
NA	Phenacetin	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.2	ug/L	1.2	4 degrees C
NA	Phenanthrene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.4	ug/L	1.4	4 degrees C
NA	Phenol	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.4	ug/L	1.4	4 degrees C
46313	Phorate	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.1	ug/L	1.1	4 degrees C
NA	Pronamide	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.2	ug/L	1.2	4 degrees C
NA	Pyrene	Pump	N	SW8270C	7/8/2003 11:36:0	< 0.88	ug/L	0.88	4 degrees C
NA	Safrole	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.0	ug/L	1.0	4 degrees C
NA	sym-Trinitrobenzene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.0	ug/L	1.0	4 degrees C
NA	Thionazin	Pump	N	SW8270C	7/8/2003 11:36:0	< 0.58	ug/L	0.58	4 degrees C

Part III: Analytical Results

Facility GMS#: 3116P02787
Test Site ID#:
Well Name: MWB-14S
Classified of Ground Water: G-II
Ground Water Elevation (NGVD):
or (MSL): 112.82
Lab Code: J033716-04

Sampling Date/Time 7/1/2003 16:07:00
Report Period: 2003
Well Purge (Y/N): Y
Well Type: ( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
NA	Color/Sheen	Pump	N	Field	7/1/2003 16:07:0	None		N/A	Field
NA	Conductivity	Pump	N	Field	7/1/2003 16:07:0	75	µmhos/cm	N/A	Field
NA	Dissolved Oxygen	Pump	N	Field	7/1/2003 16:07:0	1.5	mg/L O2	N/A	Field
00400	pH (Field)	Pump	N	Field	7/1/2003 16:07:0	4.92	pH Units	N/A	Field
NA	Temperature	Pump	N	Field	7/1/2003 16:07:0	23	°C	N/A	Field
NA	Turbidity	Pump	N	Field	7/1/2003 16:07:0	5.8	NTU	N/A	Field
70300	Total Dissolved Solids	Pump	N	E160.1	7/8/2003 10:35:0	59	mg/L	10	4 degrees C
00940	Total Chlorides	Pump	N	E325.2	7/7/2003 14:16:0	< 0.50	mg/L	0.50	4 degrees C
NA	Ammonia (as N)	Pump	N	E350.1	7/8/2003 13:20:0	< 0.019	mg/L	0.019	Sulfuric Acid
NA	Cyanide	Pump	N	SM4500CN-E	7/10/2003 09:00:	< 0.0041	mg/L	0.0041	Sodium Hydroxide
00620	Nitrate (as N)	Pump	N	SM4500NO3-F	7/2/2003 14:56:0	0.22	mg/L	0.13	4 degrees C
NA	Sulfide (as H2S)	Pump	N	SM4500SD	7/8/2003 08:00:0	0.050	mg/L	0.049	Sodium Hydroxide
01002	Arsenic	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.0016	mg/L	0.0016	Nitric Acid
01007	Barium	Pump	N	SW6010B	7/3/2003 18:38:0	0.0096	mg/L	0.00076	Nitric Acid
01012	Beryllium	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.000059	mg/L	0.000059	Nitric Acid
01027	Cadmium	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.00036	mg/L	0.00036	Nitric Acid
01034	Chromium	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.0010	mg/L	0.0010	Nitric Acid
01037	Cobalt	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.00025	mg/L	0.00025	Nitric Acid
01042	Copper	Pump	N	SW6010B	7/3/2003 18:38:0	0.0012	mg/L	0.0011	Nitric Acid
01045	Iron	Pump	N	SW6010B	7/3/2003 18:38:0	0.030	mg/L	0.019	Nitric Acid
01051	Lead	Pump	N	SW6010B	7/3/2003 18:38:0	0.0022	mg/L	0.00091	Nitric Acid
01067	Nickel	Pump	N	SW6010B	7/3/2003 18:38:0	0.0020	mg/L	0.00085	Nitric Acid
01147	Selenium	Pump	N	SW6010B	7/3/2003 18:38:0	0.016	mg/L	0.0022	Nitric Acid
01077	Silver	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.00017	mg/L	0.00017	Nitric Acid
00929	Sodium	Pump	N	SW6010B	7/3/2003 18:38:0	3.9	mg/L	0.049	Nitric Acid
NA	Tin	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.0040	mg/L	0.0040	Nitric Acid
01087	Vanadium	Pump	N	SW6010B	7/3/2003 18:38:0	0.017	mg/L	0.00016	Nitric Acid
01092	Zinc	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.0025	mg/L	0.0025	Nitric Acid
01097	Antimony	Pump	N	SW7041A	7/8/2003 13:29:0	< 0.0034	mg/L	0.0034	Nitric Acid
71900	Mercury	Pump	N	SW7470A	7/8/2003 09:13:0	< 0.000018	mg/L	0.000018	Nitric Acid
01087	Thallium	Pump	N	SW7841	7/3/2003 12:50:0	< 0.00098	mg/L	0.00098	Nitric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	E504.1	7/3/2003 00:13:0	< 0.0034	ug/L	0.0034	4 degrees C
NA	Ethylene Dibromide	Pump	N	E504.1	7/3/2003 00:13:0	< 0.0069	ug/L	0.0069	4 degrees C
77562	1,1,1,2-Tetrachloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.27	ug/L	0.27	Hydrochloric Acid
64506	1,1,1-Trichloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34516	1,1,2,2-Tetrachloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.19	ug/L	0.19	Hydrochloric Acid
34511	1,1,2-Trichloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34496	1,1-Dichloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34501	1,1-Dichloroethene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.50	ug/L	0.50	Hydrochloric Acid
NA	1,1-Dichloropropene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
77443	1,2,3-Trichloropropane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.33	ug/L	0.33	Hydrochloric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.55	ug/L	0.55	Hydrochloric Acid
NA	1,2-Dibromoethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34536	1,2-Dichlorobenzene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.28	ug/L	0.28	Hydrochloric Acid
34531	1,2-Dichloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34541	1,2-Dichloropropane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.30	ug/L	0.30	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Site ID#:

Name: MWB-14S

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 112.82

Lab Code: J033716-04

Sampling Date/Time 7/1/2003 16:07:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type: ( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
34566	1,3-Dichlorobenzene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.26	ug/L	0.26	Hydrochloric Acid
NA	1,3-Dichloropropane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.26	ug/L	0.26	Hydrochloric Acid
34571	1,4-Dichlorobenzene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	2,2-Dichloropropane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
NA	2-Hexanone (MBK)	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	4-Methyl-2-pentanone (MIBK)	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.35	ug/L	0.35	Hydrochloric Acid
81552	Acetone	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.71	ug/L	0.71	Hydrochloric Acid
34210	Acrolein	Pump	N	SW8260B	7/3/2003 19:10:0	< 2.8	ug/L	2.8	Hydrochloric Acid
34215	Acrylonitrile	Pump	N	SW8260B	7/3/2003 19:10:0	< 1.6	ug/L	1.6	Hydrochloric Acid
NA	Allyl Chloride	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.83	ug/L	0.83	Hydrochloric Acid
34030	Benzene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.30	ug/L	0.30	Hydrochloric Acid
73085	Bromochloromethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
32101	Bromodichloromethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.29	ug/L	0.29	Hydrochloric Acid
32104	Bromoform	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34413	Bromomethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.47	ug/L	0.47	Hydrochloric Acid
77041	Carbon Disulfide	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.41	ug/L	0.41	Hydrochloric Acid
32102	Carbon Tetrachloride	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
[redacted]	Chlorobenzene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.31	ug/L	0.31	Hydrochloric Acid
31[illegible]	Chloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.47	ug/L	0.47	Hydrochloric Acid
32106	Chloroform	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.41	ug/L	0.41	Hydrochloric Acid
34418	Chloromethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.43	ug/L	0.43	Hydrochloric Acid
NA	Chloroprene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.28	ug/L	0.28	Hydrochloric Acid
77093	Cis-1,2-dichloroethene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34704	Cis-1,3-dichloropropene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.27	ug/L	0.27	Hydrochloric Acid
32105	Dibromochloromethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
NA	Dibromomethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34668	Dichlorodifluoromethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.51	ug/L	0.51	Hydrochloric Acid
34371	Ethylbenzene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	Ethylmethacrylate	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.43	ug/L	0.43	Hydrochloric Acid
NA	Iodomethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.40	ug/L	0.40	Hydrochloric Acid
NA	Isobutyl Alcohol	Pump	N	SW8260B	7/3/2003 19:10:0	< 16	ug/L	16	Hydrochloric Acid
NA	m&p-Xylenes	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.61	ug/L	0.61	Hydrochloric Acid
NA	Methacrylonitrile	Pump	N	SW8260B	7/3/2003 19:10:0	< 5.7	ug/L	5.7	Hydrochloric Acid
NA	Methyl ethyl ketone	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
NA	Methyl Methacrylate	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.38	ug/L	0.38	Hydrochloric Acid
34423	Methylene Chloride	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.21	ug/L	0.21	Hydrochloric Acid
NA	Naphthalene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.24	ug/L	0.24	Hydrochloric Acid
NA	o-Xylene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
NA	Propionitrile (ethyl cyanide)	Pump	N	SW8260B	7/3/2003 19:10:0	< 5.9	ug/L	5.9	Hydrochloric Acid
77128	Styrene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34475	Tetrachloroethene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.43	ug/L	0.43	Hydrochloric Acid
78131	Toluene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.29	ug/L	0.29	Hydrochloric Acid
34546	Trans-1,2-dichloroethene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.50	ug/L	0.50	Hydrochloric Acid
3[illegible]	Trans-1,3-dichloropropene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
[redacted]	Trans-1,4-dichloro-2-butene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.52	ug/L	0.52	Hydrochloric Acid
39180	Trichloroethene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.43	ug/L	0.43	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

Well Name: MWB-14S

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 112.82

Lab Code: J033716-04

Sampling Date/Time 7/1/2003 16:07:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
34488	Trichlorofluoromethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77057	Vinyl Acetate	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.31	ug/L	0.31	Hydrochloric Acid
39175	Vinyl Chloride	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.49	ug/L	0.49	Hydrochloric Acid
NA	1,2,4,5-Tetrachlorobenzene	Pump	N	SW8270C	7/9/2003 11:36:0	< 2.5	ug/L	2.5	4 degrees C
NA	1,2,4-Trichlorobenzene	Pump	N	SW8270C	7/9/2003 11:36:0	< 2.7	ug/L	2.7	4 degrees C
NA	1,3-Dinitrobenzene	Pump	N	SW8270C	7/9/2003 11:36:0	< 1.8	ug/L	1.8	4 degrees C
NA	1,4-Naphthoquinone	Pump	N	SW8270C	7/9/2003 11:36:0	< 1.3	ug/L	1.3	4 degrees C
NA	1-Naphthylamine	Pump	N	SW8270C	7/9/2003 11:36:0	< 0.98	ug/L	0.98	4 degrees C
NA	2,3,4,6-Tetrachlorophenol	Pump	N	SW8270C	7/9/2003 11:36:0	< 3.0	ug/L	3.0	4 degrees C
NA	2,4,5-Trichlorophenol	Pump	N	SW8270C	7/9/2003 11:36:0	< 3.5	ug/L	3.5	4 degrees C
NA	2,4,6-Trichlorophenol	Pump	N	SW8270C	7/9/2003 11:36:0	< 2.2	ug/L	2.2	4 degrees C
NA	2,4-Dichlorophenol	Pump	N	SW8270C	7/9/2003 11:36:0	< 2.2	ug/L	2.2	4 degrees C
NA	2,4-Dimethylphenol	Pump	N	SW8270C	7/9/2003 11:36:0	< 1.9	ug/L	1.9	4 degrees C
NA	2,4-Dinitrophenol	Pump	N	SW8270C	7/9/2003 11:36:0	< 4.6	ug/L	4.6	4 degrees C
NA	2,4-Dinitrotoluene	Pump	N	SW8270C	7/9/2003 11:36:0	< 0.94	ug/L	0.94	4 degrees C
NA	2,6-Dichlorophenol	Pump	N	SW8270C	7/9/2003 11:36:0	< 2.2	ug/L	2.2	4 degrees C
NA	2,6-Dinitrotoluene	Pump	N	SW8270C	7/9/2003 11:36:0	< 2.1	ug/L	2.1	4 degrees C
NA	2-Acetylaminofluorene	Pump	N	SW8270C	7/9/2003 11:36:0	< 0.95	ug/L	0.95	4 degrees C
NA	2-Chloronaphthalene	Pump	N	SW8270C	7/9/2003 11:36:0	< 2.0	ug/L	2.0	4 degrees C
NA	2-Chlorophenol	Pump	N	SW8270C	7/9/2003 11:36:0	< 2.7	ug/L	2.7	4 degrees C
NA	2-Methylnaphthalene	Pump	N	SW8270C	7/9/2003 11:36:0	< 1.2	ug/L	1.2	4 degrees C
NA	2-Methylphenol	Pump	N	SW8270C	7/9/2003 11:36:0	< 2.3	ug/L	2.3	4 degrees C
NA	2-Naphthylamine	Pump	N	SW8270C	7/9/2003 11:36:0	< 1.3	ug/L	1.3	4 degrees C
NA	2-Nitroaniline	Pump	N	SW8270C	7/9/2003 11:36:0	< 0.78	ug/L	0.78	4 degrees C
NA	2-Nitrophenol	Pump	N	SW8270C	7/9/2003 11:36:0	< 3.0	ug/L	3.0	4 degrees C
NA	3-Methylcholanthrene	Pump	N	SW8270C	7/9/2003 11:36:0	< 1.3	ug/L	1.3	4 degrees C
NA	3-Nitroaniline	Pump	N	SW8270C	7/9/2003 11:36:0	< 1.5	ug/L	1.5	4 degrees C
NA	4,6-Dinitro-2-methylphenol	Pump	N	SW8270C	7/9/2003 11:36:0	< 3.7	ug/L	3.7	4 degrees C
NA	4-Aminobiphenyl	Pump	N	SW8270C	7/9/2003 11:36:0	< 1.2	ug/L	1.2	4 degrees C
NA	4-Bromophenyl phenyl ether	Pump	N	SW8270C	7/9/2003 11:36:0	< 2.3	ug/L	2.3	4 degrees C
NA	4-Chloro-3-methylphenol	Pump	N	SW8270C	7/9/2003 11:36:0	< 2.6	ug/L	2.6	4 degrees C
NA	4-Chloroaniline	Pump	N	SW8270C	7/9/2003 11:36:0	< 1.4	ug/L	1.4	4 degrees C
NA	4-Chlorophenyl Phenyl Ether	Pump	N	SW8270C	7/9/2003 11:36:0	< 2.8	ug/L	2.8	4 degrees C
NA	4-Nitroaniline	Pump	N	SW8270C	7/9/2003 11:36:0	< 0.63	ug/L	0.63	4 degrees C
NA	4-Nitrophenol	Pump	N	SW8270C	7/9/2003 11:36:0	< 1.7	ug/L	1.7	4 degrees C
NA	5-Nitro-o-toluidine	Pump	N	SW8270C	7/9/2003 11:36:0	< 1.0	ug/L	1.0	4 degrees C
NA	7,12-Dimethylbenz(a)anthracene	Pump	N	SW8270C	7/9/2003 11:36:0	< 1.3	ug/L	1.3	4 degrees C
NA	Acenaphthene	Pump	N	SW8270C	7/9/2003 11:36:0	< 1.7	ug/L	1.7	4 degrees C
NA	Acenaphthylene	Pump	N	SW8270C	7/9/2003 11:36:0	< 1.6	ug/L	1.6	4 degrees C
NA	Acetophenone	Pump	N	SW8270C	7/9/2003 11:36:0	< 0.86	ug/L	0.86	4 degrees C
NA	Anthracene	Pump	N	SW8270C	7/9/2003 11:36:0	< 1.3	ug/L	1.3	4 degrees C
NA	Aramite	Pump	N	SW8270C	7/9/2003 11:36:0	< 1.5	ug/L	1.5	4 degrees C
NA	Benzo(a)anthracene	Pump	N	SW8270C	7/9/2003 11:36:0	< 1.4	ug/L	1.4	4 degrees C
NA	Benzo(a)pyrene	Pump	N	SW8270C	7/9/2003 11:36:0	< 1.1	ug/L	1.1	4 degrees C
NA	Benzo(b)fluoranthene	Pump	N	SW8270C	7/9/2003 11:36:0	< 1.5	ug/L	1.5	4 degrees C
NA	Benzo(g,h,i)perylene	Pump	N	SW8270C	7/9/2003 11:36:0	< 1.1	ug/L	1.1	4 degrees C

Part III: Analytical Results

Facility GMS#: 3116P02787

Site ID#:

Name: MWB-14S

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

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Lab Code: J033716-04

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Well Purge (Y/N): Y

Well Type: ( ) Background
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Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
NA	Benzo(k)fluoranthene	Pump	N	SW8270C	7/9/2003 11:36:0	< 1.8	ug/L	1.8	4 degrees C
NA	Benzyl Alcohol	Pump	N	SW8270C	7/9/2003 11:36:0	< 1.4	ug/L	1.4	4 degrees C
NA	Benzyl Butyl Phthalate	Pump	N	SW8270C	7/9/2003 11:36:0	< 0.87	ug/L	0.87	4 degrees C
NA	Bis(2-chloroethoxy)methane	Pump	N	SW8270C	7/9/2003 11:36:0	< 2.4	ug/L	2.4	4 degrees C
NA	Bis(2-chloroethyl) Ether	Pump	N	SW8270C	7/9/2003 11:36:0	< 1.3	ug/L	1.3	4 degrees C
NA	Bis(2-chloroisopropyl) Ether	Pump	N	SW8270C	7/9/2003 11:36:0	< 2.0	ug/L	2.0	4 degrees C
NA	Bis(2-ethylhexyl)phthalate	Pump	N	SW8270C	7/9/2003 11:36:0	< 0.74	ug/L	0.74	4 degrees C
NA	Chlorobenzilate	Pump	N	SW8270C	7/9/2003 11:36:0	< 1.4	ug/L	1.4	4 degrees C
NA	Chrysene	Pump	N	SW8270C	7/9/2003 11:36:0	< 1.7	ug/L	1.7	4 degrees C
NA	Di-n-butyl Phthalate	Pump	N	SW8270C	7/9/2003 11:36:0	< 0.75	ug/L	0.75	4 degrees C
NA	Di-n-octyl Phthalate	Pump	N	SW8270C	7/9/2003 11:36:0	< 0.82	ug/L	0.82	4 degrees C
NA	Diallate	Pump	N	SW8270C	7/9/2003 11:36:0	< 0.75	ug/L	0.75	4 degrees C
NA	Dibenz(a,h)anthracene	Pump	N	SW8270C	7/9/2003 11:36:0	< 1.2	ug/L	1.2	4 degrees C
NA	Dibenzofuran	Pump	N	SW8270C	7/9/2003 11:36:0	< 1.4	ug/L	1.4	4 degrees C
NA	Diethyl Phthalate	Pump	N	SW8270C	7/9/2003 11:36:0	< 1.4	ug/L	1.4	4 degrees C
46314	Dimethoate	Pump	N	SW8270C	7/9/2003 11:36:0	< 0.58	ug/L	0.58	4 degrees C
NA	Dimethyl Phthalate	Pump	N	SW8270C	7/9/2003 11:36:0	< 1.3	ug/L	1.3	4 degrees C
[redacted]	Dinoseb	Pump	N	SW8270C	7/9/2003 11:36:0	< 1.7	ug/L	1.7	4 degrees C
NA	Diphenylamine	Pump	N	SW8270C	7/9/2003 11:36:0	< 1.8	ug/L	1.8	4 degrees C
81888	Disulfoton	Pump	N	SW8270C	7/9/2003 11:36:0	< 0.77	ug/L	0.77	4 degrees C
NA	Ethyl Methanesulfonate	Pump	N	SW8270C	7/9/2003 11:36:0	< 1.2	ug/L	1.2	4 degrees C
38462	Famphur	Pump	N	SW8270C	7/9/2003 11:36:0	< 56	ug/L	56	4 degrees C
NA	Fluoranthene	Pump	N	SW8270C	7/9/2003 11:36:0	< 1.6	ug/L	1.6	4 degrees C
NA	Fluorene	Pump	N	SW8270C	7/9/2003 11:36:0	< 1.5	ug/L	1.5	4 degrees C
NA	Hexachlorobenzene	Pump	N	SW8270C	7/9/2003 11:36:0	< 1.8	ug/L	1.8	4 degrees C
NA	Hexachlorobutadiene	Pump	N	SW8270C	7/9/2003 11:36:0	< 2.1	ug/L	2.1	4 degrees C
NA	Hexachlorocyclopentadiene	Pump	N	SW8270C	7/9/2003 11:36:0	< 0.92	ug/L	0.92	4 degrees C
NA	Hexachloroethane	Pump	N	SW8270C	7/9/2003 11:36:0	< 2.8	ug/L	2.8	4 degrees C
NA	Hexachloropropene	Pump	N	SW8270C	7/9/2003 11:36:0	< 1.1	ug/L	1.1	4 degrees C
NA	Indeno(1,2,3-cd)pyrene	Pump	N	SW8270C	7/9/2003 11:36:0	< 1.6	ug/L	1.6	4 degrees C
NA	Isodrin	Pump	N	SW8270C	7/9/2003 11:36:0	< 1.4	ug/L	1.4	4 degrees C
NA	Isophorone	Pump	N	SW8270C	7/9/2003 11:36:0	< 1.3	ug/L	1.3	4 degrees C
NA	Isosafrole	Pump	N	SW8270C	7/9/2003 11:36:0	< 1.5	ug/L	1.5	4 degrees C
NA	Kepone	Pump	N	SW8270C	7/9/2003 11:36:0	< 74	ug/L	74	4 degrees C
NA	Methapyrilene	Pump	N	SW8270C	7/9/2003 11:36:0	< 0.92	ug/L	0.92	4 degrees C
NA	Methyl Methanesulfonate	Pump	N	SW8270C	7/9/2003 11:36:0	< 1.3	ug/L	1.3	4 degrees C
39600	Methyl Parathion	Pump	N	SW8270C	7/9/2003 11:36:0	< 0.54	ug/L	0.54	4 degrees C
NA	N-Nitroso-di-n-butylamine	Pump	N	SW8270C	7/9/2003 11:36:0	< 1.7	ug/L	1.7	4 degrees C
NA	N-nitrosodiethylamine	Pump	N	SW8270C	7/9/2003 11:36:0	< 1.7	ug/L	1.7	4 degrees C
NA	N-Nitrosodimethylamine	Pump	N	SW8270C	7/9/2003 11:36:0	< 1.5	ug/L	1.5	4 degrees C
NA	N-Nitrosodiphenylamine	Pump	N	SW8270C	7/9/2003 11:36:0	< 1.7	ug/L	1.7	4 degrees C
NA	N-nitrosomethylethylamine	Pump	N	SW8270C	7/9/2003 11:36:0	< 2.1	ug/L	2.1	4 degrees C
NA	N-Nitrosopiperidine	Pump	N	SW8270C	7/9/2003 11:36:0	< 1.5	ug/L	1.5	4 degrees C
NA	N-nitrosopyrrolidine	Pump	N	SW8270C	7/9/2003 11:36:0	< 1.1	ug/L	1.1	4 degrees C
[redacted]	Nitrobenzene	Pump	N	SW8270C	7/9/2003 11:36:0	< 1.0	ug/L	1.0	4 degrees C
73417	O,O,O-Triethyl phosphorothioate	Pump	N	SW8270C	7/9/2003 11:36:0	< 1.2	ug/L	1.2	4 degrees C

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

Well Name: MWB-14S

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 112.82

Lab Code: J033716-04

Sampling Date/Time 7/1/2003 16:07:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
NA	o-Toluidine	Pump	N	SW8270C	7/9/2003 11:36:0	< 1.3	ug/L	1.3	4 degrees C
NA	p-Dimethylaminoazobenzene	Pump	N	SW8270C	7/9/2003 11:36:0	< 0.82	ug/L	0.82	4 degrees C
NA	p-Phenylenediamine	Pump	N	SW8270C	7/9/2003 11:36:0	< 8.2	ug/L	8.2	4 degrees C
39540	Parathion	Pump	N	SW8270C	7/9/2003 11:36:0	< 13	ug/L	13	4 degrees C
NA	Pentachlorobenzene	Pump	N	SW8270C	7/9/2003 11:36:0	< 2.7	ug/L	2.7	4 degrees C
NA	Pentachloronitrobenzene	Pump	N	SW8270C	7/9/2003 11:36:0	< 2.8	ug/L	2.8	4 degrees C
NA	Pentachlorophenol	Pump	N	SW8270C	7/9/2003 11:36:0	< 3.2	ug/L	3.2	4 degrees C
NA	Phenacetin	Pump	N	SW8270C	7/9/2003 11:36:0	< 1.2	ug/L	1.2	4 degrees C
NA	Phenanthrene	Pump	N	SW8270C	7/9/2003 11:36:0	< 1.4	ug/L	1.4	4 degrees C
NA	Phenol	Pump	N	SW8270C	7/9/2003 11:36:0	< 1.4	ug/L	1.4	4 degrees C
46313	Phorate	Pump	N	SW8270C	7/9/2003 11:36:0	< 1.1	ug/L	1.1	4 degrees C
NA	Pronamide	Pump	N	SW8270C	7/9/2003 11:36:0	< 1.2	ug/L	1.2	4 degrees C
NA	Pyrene	Pump	N	SW8270C	7/9/2003 11:36:0	< 0.88	ug/L	0.88	4 degrees C
NA	Safrole	Pump	N	SW8270C	7/9/2003 11:36:0	< 1.0	ug/L	1.0	4 degrees C
NA	sym-Trinitrobenzene	Pump	N	SW8270C	7/9/2003 11:36:0	< 1.0	ug/L	1.0	4 degrees C
NA	Thionazin	Pump	N	SW8270C	7/9/2003 11:36:0	< 0.58	ug/L	0.58	4 degrees C

Part III: Analytical Results

Facility GMS#: 3116P02787

[redacted] Site ID#:

[redacted] Name: MWB-23S

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 108.72

Lab Code: J033716-03

Sampling Date/Time 7/1/2003 17:26:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
NA	Color/Sheen	Pump	N	Field	7/1/2003 17:26:0	Brn		N/A	Field
NA	Conductivity	Pump	N	Field	7/1/2003 17:26:0	90	µmhos/cm	N/A	Field
NA	Dissolved Oxygen	Pump	N	Field	7/1/2003 17:26:0	1.9	mg/L O2	N/A	Field
00400	pH (Field)	Pump	N	Field	7/1/2003 17:26:0	4.84	pH Units	N/A	Field
NA	Temperature	Pump	N	Field	7/1/2003 17:26:0	22	°C	N/A	Field
NA	Turbidity	Pump	N	Field	7/1/2003 17:26:0	30	NTU	N/A	Field
70300	Total Dissolved Solids	Pump	N	E160.1	7/8/2003 10:35:0	77	mg/L	10	4 degrees C
00940	Total Chlorides	Pump	N	E325.2	7/7/2003 14:16:0	6.1	mg/L	0.50	4 degrees C
NA	Ammonia (as N)	Pump	N	E350.1	7/8/2003 12:00:0	3.5	mg/L	0.096	Sulfuric Acid
NA	Cyanide	Pump	N	SM4500CN-E	7/10/2003 09:00:	< 0.0041	mg/L	0.0041	Sodium Hydroxide
00620	Nitrate (as N)	Pump	N	SM4500NO3-F	7/2/2003 14:56:0	< 0.13	mg/L	0.13	4 degrees C
NA	Sulfide (as H2S)	Pump	N	SM4500SD	7/8/2003 08:00:0	0.25	mg/L	0.049	Sodium Hydroxide
01002	Arsenic	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.0016	mg/L	0.0016	Nitric Acid
NA	Arsenic, dissolved	Pump		SW6010B	7/3/2003 18:38:0	< 0.0016	mg/L	0.0016	
01007	Barium	Pump	N	SW6010B	7/3/2003 18:38:0	0.053	mg/L	0.00076	Nitric Acid
NA	Barium, dissolved	Pump		SW6010B	7/3/2003 18:38:0	0.044	mg/L	0.00076	
01012	Beryllium	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.000059	mg/L	0.000059	Nitric Acid
[redacted]	Beryllium, dissolved	Pump		SW6010B	7/3/2003 18:38:0	< 0.000059	mg/L	0.000059	
01027	Cadmium	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.00036	mg/L	0.00036	Nitric Acid
NA	Cadmium, dissolved	Pump		SW6010B	7/3/2003 18:38:0	< 0.00036	mg/L	0.00036	
01034	Chromium	Pump	N	SW6010B	7/3/2003 18:38:0	0.0020	mg/L	0.0010	Nitric Acid
NA	Chromium, dissolved	Pump		SW6010B	7/3/2003 18:38:0	0.0011	mg/L	0.0010	
01037	Cobalt	Pump	N	SW6010B	7/3/2003 18:38:0	0.00034	mg/L	0.00025	Nitric Acid
NA	Cobalt, dissolved	Pump		SW6010B	7/3/2003 18:38:0	< 0.00025	mg/L	0.00025	
01042	Copper	Pump	N	SW6010B	7/3/2003 18:38:0	0.0012	mg/L	0.0011	Nitric Acid
NA	Copper, dissolved	Pump		SW6010B	7/3/2003 18:38:0	0.0016	mg/L	0.0011	
01045	Iron	Pump	N	SW6010B	7/3/2003 18:38:0	(0.56)	mg/L	0.019	Nitric Acid
NA	Iron, dissolved	Pump	Y	SW6010B	7/3/2003 18:38:0	(0.43)	mg/L	0.019	
01051	Lead	Pump	N	SW6010B	7/3/2003 18:38:0	0.0011	mg/L	0.00091	Nitric Acid
NA	Lead, dissolved	Pump		SW6010B	7/3/2003 18:38:0	< 0.00091	mg/L	0.00091	
01067	Nickel	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.00085	mg/L	0.00085	Nitric Acid
NA	Nickel, dissolved	Pump		SW6010B	7/3/2003 18:38:0	< 0.00085	mg/L	0.00085	
01147	Selenium	Pump	N	SW6010B	7/3/2003 18:38:0	0.0074	mg/L	0.0022	Nitric Acid
NA	Selenium, dissolved	Pump		SW6010B	7/3/2003 18:38:0	0.0092	mg/L	0.0022	
01077	Silver	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.00017	mg/L	0.00017	Nitric Acid
NA	Silver, dissolved	Pump		SW6010B	7/3/2003 18:38:0	< 0.00017	mg/L	0.00017	
00929	Sodium	Pump	N	SW6010B	7/3/2003 18:38:0	6.5	mg/L	0.049	Nitric Acid
NA	Sodium, dissolved	Pump	Y	SW6010B	7/3/2003 18:38:0	6.1	mg/L	0.049	
NA	Tin	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.0040	mg/L	0.0040	Nitric Acid
NA	Tin, dissolved	Pump		SW6010B	7/3/2003 18:38:0	< 0.0040	mg/L	0.0040	
01087	Vanadium	Pump	N	SW6010B	7/3/2003 18:38:0	0.0058	mg/L	0.00016	Nitric Acid
NA	Vanadium, dissolved	Pump		SW6010B	7/3/2003 18:38:0	0.0047	mg/L	0.00016	
01092	Zinc	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.0025	mg/L	0.0025	Nitric Acid
[redacted]	Zinc, dissolved	Pump		SW6010B	7/3/2003 18:38:0	0.0045	mg/L	0.0025	
[redacted]	Antimony	Pump	N	SW7041A	7/8/2003 13:29:0	< 0.0034	mg/L	0.0034	Nitric Acid
NA	Antimony, Dissolved	Pump	Y	SW7041A	7/8/2003 13:29:0	< 0.0034	mg/L	0.0034	

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

Well Name: MWB-23S

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 108.72

Lab Code: J033716-03

Sampling Date/Time 7/1/2003 17:26:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
71900	Mercury	Pump	N	SW7470A	7/8/2003 09:13:0	< 0.000018	mg/L	0.000018	Nitric Acid
NA	Mercury, dissolved	Pump	Y	SW7470A	7/8/2003 09:13:0	< 0.000018	mg/L	0.000018	
01087	Thallium	Pump	N	SW7841	7/3/2003 12:50:0	< 0.00098	mg/L	0.00098	Nitric Acid
NA	Thallium, dissolved	Pump	Y	SW7841	7/3/2003 12:50:0	< 0.00098	mg/L	0.00098	
38760	1,2-Dibromo-3-chloropropane	Pump	N	E504.1	7/3/2003 00:13:0	< 0.0034	ug/L	0.0034	4 degrees C
NA	Ethylene Dibromide	Pump	N	E504.1	7/3/2003 00:13:0	< 0.0069	ug/L	0.0069	4 degrees C
77562	1,1,1,2-Tetrachloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.27	ug/L	0.27	Hydrochloric Acid
64506	1,1,1-Trichloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34516	1,1,2,2-Tetrachloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.19	ug/L	0.19	Hydrochloric Acid
34511	1,1,2-Trichloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34496	1,1-Dichloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34501	1,1-Dichloroethene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.50	ug/L	0.50	Hydrochloric Acid
NA	1,1-Dichloropropene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
77443	1,2,3-Trichloropropane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.33	ug/L	0.33	Hydrochloric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.55	ug/L	0.55	Hydrochloric Acid
NA	1,2-Dibromoethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34536	1,2-Dichlorobenzene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.28	ug/L	0.28	Hydrochloric Acid
34531	1,2-Dichloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34541	1,2-Dichloropropane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.30	ug/L	0.30	Hydrochloric Acid
34566	1,3-Dichlorobenzene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.26	ug/L	0.26	Hydrochloric Acid
NA	1,3-Dichloropropane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.26	ug/L	0.26	Hydrochloric Acid
34571	1,4-Dichlorobenzene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	2,2-Dichloropropane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
NA	2-Hexanone (MBK)	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	4-Methyl-2-pentanone (MIBK)	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.35	ug/L	0.35	Hydrochloric Acid
81552	Acetone	Pump	N	SW8260B	7/3/2003 19:10:0	3.2	ug/L	0.71	Hydrochloric Acid
34210	Acrolein	Pump	N	SW8260B	7/3/2003 19:10:0	< 2.8	ug/L	2.8	Hydrochloric Acid
34215	Acrylonitrile	Pump	N	SW8260B	7/3/2003 19:10:0	< 1.6	ug/L	1.6	Hydrochloric Acid
NA	Allyl Chloride	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.83	ug/L	0.83	Hydrochloric Acid
34030	Benzene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.30	ug/L	0.30	Hydrochloric Acid
73085	Bromochloromethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
32101	Bromodichloromethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.29	ug/L	0.29	Hydrochloric Acid
32104	Bromoform	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34413	Bromomethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.47	ug/L	0.47	Hydrochloric Acid
77041	Carbon Disulfide	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.41	ug/L	0.41	Hydrochloric Acid
32102	Carbon Tetrachloride	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34301	Chlorobenzene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.31	ug/L	0.31	Hydrochloric Acid
31311	Chloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.47	ug/L	0.47	Hydrochloric Acid
32106	Chloroform	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.41	ug/L	0.41	Hydrochloric Acid
34418	Chloromethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.43	ug/L	0.43	Hydrochloric Acid
NA	Chloroprene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.28	ug/L	0.28	Hydrochloric Acid
77093	Cis-1,2-dichloroethene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34704	Cis-1,3-dichloropropene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.27	ug/L	0.27	Hydrochloric Acid
32105	Dibromochloromethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
NA	Dibromomethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34668	Dichlorodifluoromethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.51	ug/L	0.51	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

[redacted] Site ID#:

Well Name: MWB-23S

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 108.72

Lab Code: J033716-03

Sampling Date/Time 7/1/2003 17:26:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
34371	Ethylbenzene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	Ethylmethacrylate	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.43	ug/L	0.43	Hydrochloric Acid
NA	Iodomethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.40	ug/L	0.40	Hydrochloric Acid
NA	Isobutyl Alcohol	Pump	N	SW8260B	7/3/2003 19:10:0	< 16	ug/L	16	Hydrochloric Acid
NA	m&p-Xylenes	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.61	ug/L	0.61	Hydrochloric Acid
NA	Methacrylonitrile	Pump	N	SW8260B	7/3/2003 19:10:0	< 5.7	ug/L	5.7	Hydrochloric Acid
NA	Methyl ethyl ketone	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
NA	Methyl Methacrylate	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.38	ug/L	0.38	Hydrochloric Acid
34423	Methylene Chloride	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.21	ug/L	0.21	Hydrochloric Acid
NA	Naphthalene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.24	ug/L	0.24	Hydrochloric Acid
NA	o-Xylene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
NA	Propionitrile (ethyl cyanide)	Pump	N	SW8260B	7/3/2003 19:10:0	< 5.9	ug/L	5.9	Hydrochloric Acid
77128	Styrene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34475	Tetrachloroethene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.43	ug/L	0.43	Hydrochloric Acid
78131	Toluene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.29	ug/L	0.29	Hydrochloric Acid
34546	Trans-1,2-dichloroethene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.50	ug/L	0.50	Hydrochloric Acid
34699	Trans-1,3-dichloropropene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
[redacted]	Trans-1,4-dichloro-2-butene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.52	ug/L	0.52	Hydrochloric Acid
39180	Trichloroethene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.43	ug/L	0.43	Hydrochloric Acid
34488	Trichlorofluoromethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77057	Vinyl Acetate	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.31	ug/L	0.31	Hydrochloric Acid
39175	Vinyl Chloride	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.49	ug/L	0.49	Hydrochloric Acid
NA	1,2,4,5-Tetrachlorobenzene	Pump	N	SW8270C	7/8/2003 11:36:0	< 2.5	ug/L	2.5	4 degrees C
NA	1,2,4-Trichlorobenzene	Pump	N	SW8270C	7/8/2003 11:36:0	< 2.7	ug/L	2.7	4 degrees C
NA	1,3-Dinitrobenzene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.8	ug/L	1.8	4 degrees C
NA	1,4-Naphthoquinone	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.3	ug/L	1.3	4 degrees C
NA	1-Naphthylamine	Pump	N	SW8270C	7/8/2003 11:36:0	< 0.98	ug/L	0.98	4 degrees C
NA	2,3,4,6-Tetrachlorophenol	Pump	N	SW8270C	7/8/2003 11:36:0	< 3.0	ug/L	3.0	4 degrees C
NA	2,4,5-Trichlorophenol	Pump	N	SW8270C	7/8/2003 11:36:0	< 3.5	ug/L	3.5	4 degrees C
NA	2,4,6-Trichlorophenol	Pump	N	SW8270C	7/8/2003 11:36:0	< 2.2	ug/L	2.2	4 degrees C
NA	2,4-Dichlorophenol	Pump	N	SW8270C	7/8/2003 11:36:0	< 2.2	ug/L	2.2	4 degrees C
NA	2,4-Dimethylphenol	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.9	ug/L	1.9	4 degrees C
NA	2,4-Dinitrophenol	Pump	N	SW8270C	7/8/2003 11:36:0	< 4.6	ug/L	4.6	4 degrees C
NA	2,4-Dinitrotoluene	Pump	N	SW8270C	7/8/2003 11:36:0	< 0.94	ug/L	0.94	4 degrees C
NA	2,6-Dichlorophenol	Pump	N	SW8270C	7/8/2003 11:36:0	< 2.2	ug/L	2.2	4 degrees C
NA	2,6-Dinitrotoluene	Pump	N	SW8270C	7/8/2003 11:36:0	< 2.1	ug/L	2.1	4 degrees C
NA	2-Acetylaminofluorene	Pump	N	SW8270C	7/8/2003 11:36:0	< 0.95	ug/L	0.95	4 degrees C
NA	2-Chloronaphthalene	Pump	N	SW8270C	7/8/2003 11:36:0	< 2.0	ug/L	2.0	4 degrees C
NA	2-Chlorophenol	Pump	N	SW8270C	7/8/2003 11:36:0	< 2.7	ug/L	2.7	4 degrees C
NA	2-Methylnaphthalene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.2	ug/L	1.2	4 degrees C
NA	2-Methylphenol	Pump	N	SW8270C	7/8/2003 11:36:0	< 2.3	ug/L	2.3	4 degrees C
NA	2-Naphthylamine	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.3	ug/L	1.3	4 degrees C
NA	2-Nitroaniline	Pump	N	SW8270C	7/8/2003 11:36:0	< 0.78	ug/L	0.78	4 degrees C
[redacted]	2-Nitrophenol	Pump	N	SW8270C	7/8/2003 11:36:0	< 3.0	ug/L	3.0	4 degrees C
[redacted]	3-Methylcholanthrene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.3	ug/L	1.3	4 degrees C
NA	3-Nitroaniline	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.5	ug/L	1.5	4 degrees C

Part III: Analytical Results

Facility GMS#: 3116P02787
Test Site ID#:
Well Name: MWB-23S
Classified of Ground Water: G-II
Ground Water Elevation (NGVD):
or (MSL): 108.72
Lab Code: J033716-03

Sampling Date/Time 7/1/2003 17:26:00
Report Period: 2003
Well Purge (Y/N): Y
Well Type: ( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
NA	4,6-Dinitro-2-methylphenol	Pump	N	SW8270C	7/8/2003 11:36:0	< 3.7	ug/L	3.7	4 degrees C
NA	4-Aminobiphenyl	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.2	ug/L	1.2	4 degrees C
NA	4-Bromophenyl phenyl ether	Pump	N	SW8270C	7/8/2003 11:36:0	< 2.3	ug/L	2.3	4 degrees C
NA	4-Chloro-3-methylphenol	Pump	N	SW8270C	7/8/2003 11:36:0	< 2.6	ug/L	2.6	4 degrees C
NA	4-Chloroaniline	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.4	ug/L	1.4	4 degrees C
NA	4-Chlorophenyl Phenyl Ether	Pump	N	SW8270C	7/8/2003 11:36:0	< 2.8	ug/L	2.8	4 degrees C
NA	4-Nitroaniline	Pump	N	SW8270C	7/8/2003 11:36:0	< 0.63	ug/L	0.63	4 degrees C
NA	4-Nitrophenol	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.7	ug/L	1.7	4 degrees C
NA	5-Nitro-o-toluidine	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.0	ug/L	1.0	4 degrees C
NA	7,12-Dimethylbenz(a)anthracene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.3	ug/L	1.3	4 degrees C
NA	Acenaphthene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.7	ug/L	1.7	4 degrees C
NA	Acenaphthylene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.6	ug/L	1.6	4 degrees C
NA	Acetophenone	Pump	N	SW8270C	7/8/2003 11:36:0	< 0.86	ug/L	0.86	4 degrees C
NA	Anthracene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.3	ug/L	1.3	4 degrees C
NA	Aramite	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.5	ug/L	1.5	4 degrees C
NA	Benzo(a)anthracene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.4	ug/L	1.4	4 degrees C
NA	Benzo(a)pyrene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.1	ug/L	1.1	4 degrees C
NA	Benzo(b)fluoranthene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.5	ug/L	1.5	4 degrees C
NA	Benzo(g,h,i)perylene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.1	ug/L	1.1	4 degrees C
NA	Benzo(k)fluoranthene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.8	ug/L	1.8	4 degrees C
NA	Benzyl Alcohol	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.4	ug/L	1.4	4 degrees C
NA	Benzyl Butyl Phthalate	Pump	N	SW8270C	7/8/2003 11:36:0	< 0.87	ug/L	0.87	4 degrees C
NA	Bis(2-chloroethoxy)methane	Pump	N	SW8270C	7/8/2003 11:36:0	< 2.4	ug/L	2.4	4 degrees C
NA	Bis(2-chloroethyl) Ether	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.3	ug/L	1.3	4 degrees C
NA	Bis(2-chloroisopropyl) Ether	Pump	N	SW8270C	7/8/2003 11:36:0	< 2.0	ug/L	2.0	4 degrees C
NA	Bis(2-ethylhexyl)phthalate	Pump	N	SW8270C	7/8/2003 11:36:0	< 0.74	ug/L	0.74	4 degrees C
NA	Chlorobenzilate	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.4	ug/L	1.4	4 degrees C
NA	Chrysene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.7	ug/L	1.7	4 degrees C
NA	Di-n-butyl Phthalate	Pump	N	SW8270C	7/8/2003 11:36:0	< 0.75	ug/L	0.75	4 degrees C
NA	Di-n-octyl Phthalate	Pump	N	SW8270C	7/8/2003 11:36:0	< 0.82	ug/L	0.82	4 degrees C
NA	Diallate	Pump	N	SW8270C	7/8/2003 11:36:0	< 0.75	ug/L	0.75	4 degrees C
NA	Dibenz(a,h)anthracene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.2	ug/L	1.2	4 degrees C
NA	Dibenzofuran	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.4	ug/L	1.4	4 degrees C
NA	Diethyl Phthalate	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.4	ug/L	1.4	4 degrees C
46314	Dimethoate	Pump	N	SW8270C	7/8/2003 11:36:0	< 0.58	ug/L	0.58	4 degrees C
NA	Dimethyl Phthalate	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.3	ug/L	1.3	4 degrees C
NA	Dinoseb	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.7	ug/L	1.7	4 degrees C
NA	Diphenylamine	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.8	ug/L	1.8	4 degrees C
81888	Disulfoton	Pump	N	SW8270C	7/8/2003 11:36:0	< 0.77	ug/L	0.77	4 degrees C
NA	Ethyl Methanesulfonate	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.2	ug/L	1.2	4 degrees C
38462	Famphur	Pump	N	SW8270C	7/8/2003 11:36:0	< 56	ug/L	56	4 degrees C
NA	Fluoranthene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.6	ug/L	1.6	4 degrees C
NA	Fluorene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.5	ug/L	1.5	4 degrees C
NA	Hexachlorobenzene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.8	ug/L	1.8	4 degrees C
NA	Hexachlorobutadiene	Pump	N	SW8270C	7/8/2003 11:36:0	< 2.1	ug/L	2.1	4 degrees C
NA	Hexachlorocyclopentadiene	Pump	N	SW8270C	7/8/2003 11:36:0	< 0.92	ug/L	0.92	4 degrees C

Part III: Analytical Results

Facility GMS#: 3116P02787

Site ID#:

Name: MWB-23S

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 108.72

Lab Code: J033716-03

Sampling Date/Time 7/1/2003 17:26:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
NA	Hexachloroethane	Pump	N	SW8270C	7/8/2003 11:36:0	< 2.8	ug/L	2.8	4 degrees C
NA	Hexachloropropene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.1	ug/L	1.1	4 degrees C
NA	Indeno(1,2,3-cd)pyrene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.6	ug/L	1.6	4 degrees C
NA	Isodrin	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.4	ug/L	1.4	4 degrees C
NA	Isophorone	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.3	ug/L	1.3	4 degrees C
NA	Isosafrole	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.5	ug/L	1.5	4 degrees C
NA	Kepone	Pump	N	SW8270C	7/8/2003 11:36:0	< 74	ug/L	74	4 degrees C
NA	Methapyrilene	Pump	N	SW8270C	7/8/2003 11:36:0	< 0.92	ug/L	0.92	4 degrees C
NA	Methyl Methanesulfonate	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.3	ug/L	1.3	4 degrees C
39600	Methyl Parathion	Pump	N	SW8270C	7/8/2003 11:36:0	< 0.54	ug/L	0.54	4 degrees C
NA	N-Nitroso-di-n-butylamine	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.7	ug/L	1.7	4 degrees C
NA	N-Nitroso-di-n-propylamine	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.5	ug/L	1.5	4 degrees C
NA	N-nitrosodiethylamine	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.7	ug/L	1.7	4 degrees C
NA	N-Nitrosodimethylamine	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.5	ug/L	1.5	4 degrees C
NA	N-Nitrosodiphenylamine	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.7	ug/L	1.7	4 degrees C
NA	N-nitrosomethylethylamine	Pump	N	SW8270C	7/8/2003 11:36:0	< 2.1	ug/L	2.1	4 degrees C
NA	N-Nitrosopiperidine	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.5	ug/L	1.5	4 degrees C
[redacted]	N-nitrosopyrrolidine	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.1	ug/L	1.1	4 degrees C
NA	Nitrobenzene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.0	ug/L	1.0	4 degrees C
73417	O,O,O-Triethyl phosphorothioate	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.2	ug/L	1.2	4 degrees C
NA	o-Toluidine	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.3	ug/L	1.3	4 degrees C
NA	p-Dimethylaminoazobenzene	Pump	N	SW8270C	7/8/2003 11:36:0	< 0.82	ug/L	0.82	4 degrees C
NA	p-Phenylenediamine	Pump	N	SW8270C	7/8/2003 11:36:0	< 8.2	ug/L	8.2	4 degrees C
39540	Parathion	Pump	N	SW8270C	7/8/2003 11:36:0	< 13	ug/L	13	4 degrees C
NA	Pentachlorobenzene	Pump	N	SW8270C	7/8/2003 11:36:0	< 2.7	ug/L	2.7	4 degrees C
NA	Pentachloronitrobenzene	Pump	N	SW8270C	7/8/2003 11:36:0	< 2.8	ug/L	2.8	4 degrees C
NA	Pentachlorophenol	Pump	N	SW8270C	7/8/2003 11:36:0	< 3.2	ug/L	3.2	4 degrees C
NA	Phenacetin	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.2	ug/L	1.2	4 degrees C
NA	Phenanthrene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.4	ug/L	1.4	4 degrees C
NA	Phenol	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.4	ug/L	1.4	4 degrees C
46313	Phorate	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.1	ug/L	1.1	4 degrees C
NA	Pronamide	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.2	ug/L	1.2	4 degrees C
NA	Pyrene	Pump	N	SW8270C	7/8/2003 11:36:0	< 0.88	ug/L	0.88	4 degrees C
NA	Safrole	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.0	ug/L	1.0	4 degrees C
NA	sym-Trinitrobenzene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.0	ug/L	1.0	4 degrees C
NA	Thionazin	Pump	N	SW8270C	7/8/2003 11:36:0	< 0.58	ug/L	0.58	4 degrees C

Part III: Analytical Results

Facility GMS#: 3116P02787

Test Site ID#:

Well Name: MWB-34S

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 115.99

Lab Code: J033716-01

Sampling Date/Time 7/1/2003 13:58:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
NA	Color/Sheen	Pump	N	Field	7/1/2003 13:58:0	None		N/A	Field
NA	Conductivity	Pump	N	Field	7/1/2003 13:58:0	550	µmhos/cm	N/A	Field
NA	Dissolved Oxygen	Pump	N	Field	7/1/2003 13:58:0	0.60	mg/L O2	N/A	Field
00400	pH (Field)	Pump	N	Field	7/1/2003 13:58:0	5.94	pH Units	N/A	Field
NA	Temperature	Pump	N	Field	7/1/2003 13:58:0	23	°C	N/A	Field
NA	Turbidity	Pump	N	Field	7/1/2003 13:58:0	17	NTU	N/A	Field
70300	Total Dissolved Solids	Pump	N	E160.1	7/8/2003 10:35:0	330	mg/L	10	4 degrees C
00940	Total Chlorides	Pump	N	E325.2	7/7/2003 14:16:0	54	mg/L	0.50	4 degrees C
NA	Ammonia (as N)	Pump	N	E350.1	7/14/2003 12:00:	3.5	mg/L	0.096	Sulfuric Acid
NA	Cyanide	Pump	N	SM4500CN-E	7/10/2003 09:00:	< 0.0041	mg/L	0.0041	Sodium Hydroxide
00620	Nitrate (as N)	Pump	N	SM4500NO3-F	7/2/2003 14:56:0	< 0.13	mg/L	0.13	4 degrees C
NA	Sulfide (as H2S)	Pump	N	SM4500SD	7/8/2003 08:00:0	0.47	mg/L	0.049	Sodium Hydroxide
01002	Arsenic	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.0016	mg/L	0.0016	Nitric Acid
01007	Barium	Pump	N	SW6010B	7/3/2003 18:38:0	0.018	mg/L	0.00076	Nitric Acid
01012	Beryllium	Pump	N	SW6010B	7/3/2003 18:38:0	0.000076	mg/L	0.000059	Nitric Acid
01027	Cadmium	Pump	N	SW6010B	7/3/2003 18:38:0	0.00092	mg/L	0.00036	Nitric Acid
01034	Chromium	Pump	N	SW6010B	7/3/2003 18:38:0	0.0036	mg/L	0.0010	Nitric Acid
01037	Cobalt	Pump	N	SW6010B	7/3/2003 18:38:0	0.00099	mg/L	0.00025	Nitric Acid
01042	Copper	Pump	N	SW6010B	7/3/2003 18:38:0	0.0034	mg/L	0.0011	Nitric Acid
01045	Iron	Pump	N	SW6010B	7/3/2003 18:38:0	0.58	mg/L	0.019	Nitric Acid
01051	Lead	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.00091	mg/L	0.00091	Nitric Acid
01067	Nickel	Pump	N	SW6010B	7/3/2003 18:38:0	< 0.00085	mg/L	0.00085	Nitric Acid
01147	Selenium	Pump	N	SW6010B	7/3/2003 18:38:0	0.0056	mg/L	0.0022	Nitric Acid
01077	Silver	Pump	N	SW6010B	7/3/2003 18:38:0	0.00026	mg/L	0.00017	Nitric Acid
00929	Sodium	Pump	N	SW6010B	7/3/2003 18:38:0	16	mg/L	0.049	Nitric Acid
NA	Tin	Pump	N	SW6010B	7/3/2003 18:38:0	0.020	mg/L	0.0040	Nitric Acid
01087	Vanadium	Pump	N	SW6010B	7/3/2003 18:38:0	0.0059	mg/L	0.00016	Nitric Acid
01092	Zinc	Pump	N	SW6010B	7/3/2003 18:38:0	0.012	mg/L	0.0025	Nitric Acid
01097	Antimony	Pump	N	SW7041A	7/8/2003 13:29:0	< 0.0034	mg/L	0.0034	Nitric Acid
71900	Mercury	Pump	N	SW7470A	7/8/2003 09:13:0	< 0.000018	mg/L	0.000018	Nitric Acid
01087	Thallium	Pump	N	SW7841	7/3/2003 12:50:0	< 0.00098	mg/L	0.00098	Nitric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	E504.1	7/3/2003 00:13:0	< 0.0034	ug/L	0.0034	4 degrees C
NA	Ethylene Dibromide	Pump	N	E504.1	7/3/2003 00:13:0	< 0.0069	ug/L	0.0069	4 degrees C
77562	1,1,1,2-Tetrachloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.27	ug/L	0.27	Hydrochloric Acid
64506	1,1,1-Trichloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34516	1,1,2,2-Tetrachloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.19	ug/L	0.19	Hydrochloric Acid
34511	1,1,2-Trichloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34496	1,1-Dichloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34501	1,1-Dichloroethene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.50	ug/L	0.50	Hydrochloric Acid
NA	1,1-Dichloropropene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
77443	1,2,3-Trichloropropane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.33	ug/L	0.33	Hydrochloric Acid
38760	1,2-Dibromo-3-chloropropane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.55	ug/L	0.55	Hydrochloric Acid
NA	1,2-Dibromoethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34536	1,2-Dichlorobenzene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.28	ug/L	0.28	Hydrochloric Acid
34531	1,2-Dichloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.36	ug/L	0.36	Hydrochloric Acid
34541	1,2-Dichloropropane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.30	ug/L	0.30	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787

Site ID#:

Name: MWB-34S

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 115.99

Lab Code: J033716-01

Sampling Date/Time 7/1/2003 13:58:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
34566	1,3-Dichlorobenzene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.26	ug/L	0.26	Hydrochloric Acid
NA	1,3-Dichloropropane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.26	ug/L	0.26	Hydrochloric Acid
34571	1,4-Dichlorobenzene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.30	ug/L	0.30	Hydrochloric Acid
NA	2,2-Dichloropropane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
NA	2-Hexanone (MBK)	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	4-Methyl-2-pentanone (MIBK)	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.35	ug/L	0.35	Hydrochloric Acid
81552	Acetone	Pump	N	SW8260B	7/3/2003 19:10:0	4.4	ug/L	0.71	Hydrochloric Acid
34210	Acrolein	Pump	N	SW8260B	7/3/2003 19:10:0	< 2.8	ug/L	2.8	Hydrochloric Acid
34215	Acrylonitrile	Pump	N	SW8260B	7/3/2003 19:10:0	< 1.6	ug/L	1.6	Hydrochloric Acid
NA	Allyl Chloride	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.83	ug/L	0.83	Hydrochloric Acid
34030	Benzene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.30	ug/L	0.30	Hydrochloric Acid
73085	Bromochloromethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
32101	Bromodichloromethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.29	ug/L	0.29	Hydrochloric Acid
32104	Bromoform	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34413	Bromomethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.47	ug/L	0.47	Hydrochloric Acid
77041	Carbon Disulfide	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.41	ug/L	0.41	Hydrochloric Acid
32102	Carbon Tetrachloride	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
[redacted]	Chlorobenzene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.31	ug/L	0.31	Hydrochloric Acid
[redacted]	Chloroethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.47	ug/L	0.47	Hydrochloric Acid
32106	Chloroform	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.41	ug/L	0.41	Hydrochloric Acid
34418	Chloromethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.43	ug/L	0.43	Hydrochloric Acid
NA	Chloroprene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.28	ug/L	0.28	Hydrochloric Acid
77093	Cis-1,2-dichloroethene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.39	ug/L	0.39	Hydrochloric Acid
34704	Cis-1,3-dichloropropene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.27	ug/L	0.27	Hydrochloric Acid
32105	Dibromochloromethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
NA	Dibromomethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.34	ug/L	0.34	Hydrochloric Acid
34668	Dichlorodifluoromethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.51	ug/L	0.51	Hydrochloric Acid
34371	Ethylbenzene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.27	ug/L	0.27	Hydrochloric Acid
NA	Ethylmethacrylate	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.43	ug/L	0.43	Hydrochloric Acid
NA	Iodomethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.40	ug/L	0.40	Hydrochloric Acid
NA	Isobutyl Alcohol	Pump	N	SW8260B	7/3/2003 19:10:0	< 16	ug/L	16	Hydrochloric Acid
NA	m&p-Xylenes	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.61	ug/L	0.61	Hydrochloric Acid
NA	Methacrylonitrile	Pump	N	SW8260B	7/3/2003 19:10:0	< 5.7	ug/L	5.7	Hydrochloric Acid
NA	Methyl ethyl ketone	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
NA	Methyl Methacrylate	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.38	ug/L	0.38	Hydrochloric Acid
34423	Methylene Chloride	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.21	ug/L	0.21	Hydrochloric Acid
NA	Naphthalene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.24	ug/L	0.24	Hydrochloric Acid
NA	o-Xylene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
NA	Propionitrile (ethyl cyanide)	Pump	N	SW8260B	7/3/2003 19:10:0	< 5.9	ug/L	5.9	Hydrochloric Acid
77128	Styrene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
34475	Tetrachloroethene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.43	ug/L	0.43	Hydrochloric Acid
78131	Toluene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.29	ug/L	0.29	Hydrochloric Acid
34546	Trans-1,2-dichloroethene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.50	ug/L	0.50	Hydrochloric Acid
[redacted]	Trans-1,3-dichloropropene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.25	ug/L	0.25	Hydrochloric Acid
[redacted]	Trans-1,4-dichloro-2-butene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.52	ug/L	0.52	Hydrochloric Acid
39180	Trichloroethene	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.43	ug/L	0.43	Hydrochloric Acid

Part III: Analytical Results

Facility GMS#: 3116P02787
Test Site ID#:
Well Name: MWB-34S
Classified of Ground Water: G-II
Ground Water Elevation (NGVD):
or (MSL): 115.99
Lab Code: J033716-01

Sampling Date/Time 7/1/2003 13:58:00
Report Period: 2003
Well Purge (Y/N): Y
Well Type: ( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
34488	Trichlorofluoromethane	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.50	ug/L	0.50	Hydrochloric Acid
77057	Vinyl Acetate	Pump	N	SW8260B	7/3/2003 19:10:0	< 0.31	ug/L	0.31	Hydrochloric Acid
39175	Vinyl Chloride	Pump	N	SW8260B	7/3/2003 19:10:0	0.72	ug/L	0.49	Hydrochloric Acid
NA	1,2,4,5-Tetrachlorobenzene	Pump	N	SW8270C	7/8/2003 11:36:0	< 2.5	ug/L	2.5	4 degrees C
NA	1,2,4-Trichlorobenzene	Pump	N	SW8270C	7/8/2003 11:36:0	< 2.7	ug/L	2.7	4 degrees C
NA	1,3-Dinitrobenzene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.8	ug/L	1.8	4 degrees C
NA	1,4-Naphthoquinone	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.3	ug/L	1.3	4 degrees C
NA	1-Naphthylamine	Pump	N	SW8270C	7/8/2003 11:36:0	< 0.98	ug/L	0.98	4 degrees C
NA	2,3,4,6-Tetrachlorophenol	Pump	N	SW8270C	7/8/2003 11:36:0	< 3.0	ug/L	3.0	4 degrees C
NA	2,4,5-Trichlorophenol	Pump	N	SW8270C	7/8/2003 11:36:0	< 3.5	ug/L	3.5	4 degrees C
NA	2,4,6-Trichlorophenol	Pump	N	SW8270C	7/8/2003 11:36:0	< 2.2	ug/L	2.2	4 degrees C
NA	2,4-Dichlorophenol	Pump	N	SW8270C	7/8/2003 11:36:0	< 2.2	ug/L	2.2	4 degrees C
NA	2,4-Dimethylphenol	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.9	ug/L	1.9	4 degrees C
NA	2,4-Dinitrophenol	Pump	N	SW8270C	7/8/2003 11:36:0	< 4.6	ug/L	4.6	4 degrees C
NA	2,4-Dinitrotoluene	Pump	N	SW8270C	7/8/2003 11:36:0	< 0.94	ug/L	0.94	4 degrees C
NA	2,6-Dichlorophenol	Pump	N	SW8270C	7/8/2003 11:36:0	< 2.2	ug/L	2.2	4 degrees C
NA	2,6-Dinitrotoluene	Pump	N	SW8270C	7/8/2003 11:36:0	< 2.1	ug/L	2.1	4 degrees C
NA	2-Acetylaminofluorene	Pump	N	SW8270C	7/8/2003 11:36:0	< 0.95	ug/L	0.95	4 degrees C
NA	2-Chloronaphthalene	Pump	N	SW8270C	7/8/2003 11:36:0	< 2.0	ug/L	2.0	4 degrees C
NA	2-Chlorophenol	Pump	N	SW8270C	7/8/2003 11:36:0	< 2.7	ug/L	2.7	4 degrees C
NA	2-Methylnaphthalene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.2	ug/L	1.2	4 degrees C
NA	2-Methylphenol	Pump	N	SW8270C	7/8/2003 11:36:0	< 2.3	ug/L	2.3	4 degrees C
NA	2-Naphthylamine	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.3	ug/L	1.3	4 degrees C
NA	2-Nitroaniline	Pump	N	SW8270C	7/8/2003 11:36:0	< 0.78	ug/L	0.78	4 degrees C
NA	2-Nitrophenol	Pump	N	SW8270C	7/8/2003 11:36:0	< 3.0	ug/L	3.0	4 degrees C
NA	3-Methylcholanthrene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.3	ug/L	1.3	4 degrees C
NA	3-Nitroaniline	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.5	ug/L	1.5	4 degrees C
NA	4,6-Dinitro-2-methylphenol	Pump	N	SW8270C	7/8/2003 11:36:0	< 3.7	ug/L	3.7	4 degrees C
NA	4-Aminobiphenyl	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.2	ug/L	1.2	4 degrees C
NA	4-Bromophenyl phenyl ether	Pump	N	SW8270C	7/8/2003 11:36:0	< 2.3	ug/L	2.3	4 degrees C
NA	4-Chloro-3-methylphenol	Pump	N	SW8270C	7/8/2003 11:36:0	< 2.6	ug/L	2.6	4 degrees C
NA	4-Chloroaniline	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.4	ug/L	1.4	4 degrees C
NA	4-Chlorophenyl Phenyl Ether	Pump	N	SW8270C	7/8/2003 11:36:0	< 2.8	ug/L	2.8	4 degrees C
NA	4-Nitroaniline	Pump	N	SW8270C	7/8/2003 11:36:0	< 0.63	ug/L	0.63	4 degrees C
NA	4-Nitrophenol	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.7	ug/L	1.7	4 degrees C
NA	5-Nitro-o-toluidine	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.0	ug/L	1.0	4 degrees C
NA	7,12-Dimethylbenz(a)anthracene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.3	ug/L	1.3	4 degrees C
NA	Acenaphthene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.7	ug/L	1.7	4 degrees C
NA	Acenaphthylene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.6	ug/L	1.6	4 degrees C
NA	Acetophenone	Pump	N	SW8270C	7/8/2003 11:36:0	< 0.86	ug/L	0.86	4 degrees C
NA	Anthracene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.3	ug/L	1.3	4 degrees C
NA	Aramite	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.5	ug/L	1.5	4 degrees C
NA	Benzo(a)anthracene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.4	ug/L	1.4	4 degrees C
NA	Benzo(a)pyrene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.1	ug/L	1.1	4 degrees C
NA	Benzo(b)fluoranthene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.5	ug/L	1.5	4 degrees C
NA	Benzo(g,h,i)perylene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.1	ug/L	1.1	4 degrees C

Part III: Analytical Results

Facility GMS#: 3116P02787

Site ID#:

Name: MWB-34S

Classified of Ground Water: G-II

Ground Water Elevation (NGVD):

or (MSL): 115.99

Lab Code: J033716-01

Sampling Date/Time 7/1/2003 13:58:00

Report Period: 2003

Well Purge (Y/N): Y

Well Type:
( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
NA	Benzo(k)fluoranthene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.8	ug/L	1.8	4 degrees C
NA	Benzyl Alcohol	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.4	ug/L	1.4	4 degrees C
NA	Benzyl Butyl Phthalate	Pump	N	SW8270C	7/8/2003 11:36:0	< 0.87	ug/L	0.87	4 degrees C
NA	Bis(2-chloroethoxy)methane	Pump	N	SW8270C	7/8/2003 11:36:0	< 2.4	ug/L	2.4	4 degrees C
NA	Bis(2-chloroethyl) Ether	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.3	ug/L	1.3	4 degrees C
NA	Bis(2-chloroisopropyl) Ether	Pump	N	SW8270C	7/8/2003 11:36:0	< 2.0	ug/L	2.0	4 degrees C
NA	Bis(2-ethylhexyl)phthalate	Pump	N	SW8270C	7/8/2003 11:36:0	< 0.74	ug/L	0.74	4 degrees C
NA	Chlorobenzilate	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.4	ug/L	1.4	4 degrees C
NA	Chrysene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.7	ug/L	1.7	4 degrees C
NA	Di-n-butyl Phthalate	Pump	N	SW8270C	7/8/2003 11:36:0	< 0.75	ug/L	0.75	4 degrees C
NA	Di-n-octyl Phthalate	Pump	N	SW8270C	7/8/2003 11:36:0	< 0.82	ug/L	0.82	4 degrees C
NA	Diallate	Pump	N	SW8270C	7/8/2003 11:36:0	< 0.75	ug/L	0.75	4 degrees C
NA	Dibenz(a,h)anthracene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.2	ug/L	1.2	4 degrees C
NA	Dibenzofuran	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.4	ug/L	1.4	4 degrees C
NA	Diethyl Phthalate	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.4	ug/L	1.4	4 degrees C
46314	Dimethoate	Pump	N	SW8270C	7/8/2003 11:36:0	< 0.58	ug/L	0.58	4 degrees C
NA	Dimethyl Phthalate	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.3	ug/L	1.3	4 degrees C
[redacted]	Dinoseb	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.7	ug/L	1.7	4 degrees C
NA	Diphenylamine	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.8	ug/L	1.8	4 degrees C
81888	Disulfoton	Pump	N	SW8270C	7/8/2003 11:36:0	< 0.77	ug/L	0.77	4 degrees C
NA	Ethyl Methanesulfonate	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.2	ug/L	1.2	4 degrees C
38462	Famphur	Pump	N	SW8270C	7/8/2003 11:36:0	< 56	ug/L	56	4 degrees C
NA	Fluoranthene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.6	ug/L	1.6	4 degrees C
NA	Fluorene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.5	ug/L	1.5	4 degrees C
NA	Hexachlorobenzene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.8	ug/L	1.8	4 degrees C
NA	Hexachlorobutadiene	Pump	N	SW8270C	7/8/2003 11:36:0	< 2.1	ug/L	2.1	4 degrees C
NA	Hexachlorocyclopentadiene	Pump	N	SW8270C	7/8/2003 11:36:0	< 0.92	ug/L	0.92	4 degrees C
NA	Hexachloroethane	Pump	N	SW8270C	7/8/2003 11:36:0	< 2.8	ug/L	2.8	4 degrees C
NA	Hexachloropropene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.1	ug/L	1.1	4 degrees C
NA	Indeno(1,2,3-cd)pyrene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.6	ug/L	1.6	4 degrees C
NA	Isodrin	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.4	ug/L	1.4	4 degrees C
NA	Isophorone	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.3	ug/L	1.3	4 degrees C
NA	Isosafrole	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.5	ug/L	1.5	4 degrees C
NA	Kepone	Pump	N	SW8270C	7/8/2003 11:36:0	< 74	ug/L	74	4 degrees C
NA	Methapyrilene	Pump	N	SW8270C	7/8/2003 11:36:0	< 0.92	ug/L	0.92	4 degrees C
NA	Methyl Methanesulfonate	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.3	ug/L	1.3	4 degrees C
39600	Methyl Parathion	Pump	N	SW8270C	7/8/2003 11:36:0	< 0.54	ug/L	0.54	4 degrees C
NA	N-Nitroso-di-n-butylamine	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.7	ug/L	1.7	4 degrees C
NA	N-Nitroso-di-n-propylamine	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.5	ug/L	1.5	4 degrees C
NA	N-nitrosodiethylamine	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.7	ug/L	1.7	4 degrees C
NA	N-Nitrosodimethylamine	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.5	ug/L	1.5	4 degrees C
NA	N-Nitrosodiphenylamine	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.7	ug/L	1.7	4 degrees C
NA	N-nitrosomethylethylamine	Pump	N	SW8270C	7/8/2003 11:36:0	< 2.1	ug/L	2.1	4 degrees C
[redacted]	N-Nitrosopiperidine	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.5	ug/L	1.5	4 degrees C
[redacted]	N-nitrosopyrrolidine	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.1	ug/L	1.1	4 degrees C
NA	Nitrobenzene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.0	ug/L	1.0	4 degrees C

Part III: Analytical Results

Facility GMS#: 3116P02787
Test Site ID#:
Well Name: MWB-34S
Classified of Ground Water: G-II
Ground Water Elevation (NGVD):
or (MSL): 115.99
Lab Code: J033716-01

Sampling Date/Time 7/1/2003 13:58:00
Report Period: 2003
Well Purge (Y/N): Y
Well Type: ( ) Background
( ) Intermediate
(X) Compliance
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered	Analysis Method	Analysis Date/Time	Results	Units	Detection Limits	Presevative Added
73417	O,O,O-Triethyl phosphorothioate	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.2	ug/L	1.2	4 degrees C
NA	o-Toluidine	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.3	ug/L	1.3	4 degrees C
NA	p-Dimethylaminoazobenzene	Pump	N	SW8270C	7/8/2003 11:36:0	< 0.82	ug/L	0.82	4 degrees C
NA	p-Phenylenediamine	Pump	N	SW8270C	7/8/2003 11:36:0	< 8.2	ug/L	8.2	4 degrees C
39540	Parathion	Pump	N	SW8270C	7/8/2003 11:36:0	< 13	ug/L	13	4 degrees C
NA	Pentachlorobenzene	Pump	N	SW8270C	7/8/2003 11:36:0	< 2.7	ug/L	2.7	4 degrees C
NA	Pentachloronitrobenzene	Pump	N	SW8270C	7/8/2003 11:36:0	< 2.8	ug/L	2.8	4 degrees C
NA	Pentachlorophenol	Pump	N	SW8270C	7/8/2003 11:36:0	< 3.2	ug/L	3.2	4 degrees C
NA	Phenacetin	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.2	ug/L	1.2	4 degrees C
NA	Phenanthrene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.4	ug/L	1.4	4 degrees C
NA	Phenol	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.4	ug/L	1.4	4 degrees C
46313	Phorate	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.1	ug/L	1.1	4 degrees C
NA	Pronamide	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.2	ug/L	1.2	4 degrees C
NA	Pyrene	Pump	N	SW8270C	7/8/2003 11:36:0	< 0.88	ug/L	0.88	4 degrees C
NA	Safrole	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.0	ug/L	1.0	4 degrees C
NA	sym-Trinitrobenzene	Pump	N	SW8270C	7/8/2003 11:36:0	< 1.0	ug/L	1.0	4 degrees C
NA	Thionazin	Pump	N	SW8270C	7/8/2003 11:36:0	< 0.58	ug/L	0.58	4 degrees C

Advanced
Environmental Laboratories, Inc.

6601 Southpoint Parkway
Jacksonville, Florida 32216
(904) 363-9350
FAX (904) 363-9354

Client:	Trail Rdge Landfill,Inc.	**Report No.:**	J033716
Project Name:	Trail Ridge GW	**Date Sampled:**	7/1/2003
Project Number:		**Date Received:**	7/2/03 09:45
		Date Reported:	7/21/2003

Attention: Linda Hair
Phone Number: 9042899100

Address: 5110 U.S. Highway 301

Baldwin, Florida 32234

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: Trail Ridge GW

Approved By: Paul Gunsaulies

Paul Gunsaulies, Project Manager

If you have any questions, the above named should be contacted.

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 = 39 + 7 COC

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc.
Project Name: Trail Ridge GW

Report No.: J033716
Date/Time Received: 7/2/03 09:45

Lab Code: J033716-01
Client Sample ID: MWB-34S
Site: Monitoring Well
Matrix: Water

Date/Time Sampled: 7/1/2003 13:58
SampleType:
Sampled By: DSA/BR
Shipping Method: Client drop off

Appendix II Base-Neutral/Acid Extractable Organic Compounds

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,2,4,5-Tetrachlorobenzene	1	2.5	2.5	**2.5**	ug/L	U	SW8270C		J
1,2,4-Trichlorobenzene	1	2.7	2.7	**2.7**	ug/L	U	SW8270C		J
1,3-Dinitrobenzene	1	1.8	1.8	**1.8**	ug/L	U , AIC	SW8270C		J
1,4-Naphthoquinone	1	1.3	1.3	**1.3**	ug/L	U	SW8270C		J
1-Naphthylamine	1	0.98	0.98	**0.98**	ug/L	U	SW8270C		J
2,3,4,6-Tetrachlorophenol	1	3.0	3.0	**3.0**	ug/L	U	SW8270C		J
2,4,5-Trichlorophenol	1	3.5	3.5	**3.5**	ug/L	U	SW8270C		J
2,4,6-Trichlorophenol	1	2.2	2.2	**2.2**	ug/L	U	SW8270C		J
2,4-Dichlorophenol	1	2.2	2.2	**2.2**	ug/L	U	SW8270C		J
2,4-Dimethylphenol	1	1.9	1.9	**1.9**	ug/L	U	SW8270C		J
2,4-Dinitrophenol	1	4.6	4.6	**4.6**	ug/L	U , AIC	SW8270C		J
2,4-Dinitrotoluene	1	0.94	0.94	**0.94**	ug/L	U , AIC	SW8270C		J
2,6-Dichlorophenol	1	2.2	2.2	**2.2**	ug/L	U	SW8270C		J
2,6-Dinitrotoluene	1	2.1	2.1	**2.1**	ug/L	U	SW8270C		J
2-Acetylaminofluorene	1	0.95	0.95	**0.95**	ug/L	U	SW8270C		J
2-Chloronaphthalene	1	2.0	2.0	**2.0**	ug/L	U	SW8270C		J
2-Chlorophenol	1	2.7	2.7	**2.7**	ug/L	U	SW8270C		J
2-Methylnaphthalene	1	1.2	1.2	**1.2**	ug/L	U	SW8270C		J
2-Methylphenol	1	2.3	2.3	**2.3**	ug/L	U	SW8270C		J
2-Naphthylamine	1	1.3	1.3	**1.3**	ug/L	U	SW8270C		J
2-Nitroaniline	1	0.78	0.78	**0.78**	ug/L	U	SW8270C		J
2-Nitrophenol	1	3.0	3.0	**3.0**	ug/L	U	SW8270C		J
3,3`-Dichlorobenzidine	1	1.0	1.0	**1.0**	ug/L	U	SW8270C		J
3,3`-Dimethylbenzidine	1	6.1	6.1	**6.1**	ug/L	U , AIC	SW8270C		J
3-Methylcholanthrene	1	1.3	1.3	**1.3**	ug/L	U	SW8270C		J
3-Nitroaniline	1	1.5	1.5	**1.5**	ug/L	U	SW8270C		J
4,6-Dinitro-2-methylphenol	1	3.7	3.7	**3.7**	ug/L	U , AIC	SW8270C		J
4-Aminobiphenyl	1	1.2	1.2	**1.2**	ug/L	U	SW8270C		J
4-Bromophenyl phenyl ether	1	2.3	2.3	**2.3**	ug/L	U	SW8270C		J
4-Chloro-3-methylphenol	1	2.6	2.6	**2.6**	ug/L	U	SW8270C		J
4-Chloroaniline	1	1.4	1.4	**1.4**	ug/L	U	SW8270C		J
4-Chlorophenyl Phenyl Ether	1	2.8	2.8	**2.8**	ug/L	U	SW8270C		J
4-Nitroaniline	1	0.63	0.63	**0.63**	ug/L	U	SW8270C		J
4-Nitrophenol	1	1.7	1.7	**1.7**	ug/L	U	SW8270C		J
5-Nitro-o-toluidine	1	1.0	1.0	**1.0**	ug/L	U	SW8270C		J
7,12-Dimethylbenz(a)anthracene	1	1.3	1.3	**1.3**	ug/L	U	SW8270C		J
Acenaphthene	1	1.7	1.7	**1.7**	ug/L	U	SW8270C		J
Acenaphthylene	1	1.6	1.6	**1.6**	ug/L	U	SW8270C		J
Acetophenone	1	0.86	0.86	**0.86**	ug/L	U	SW8270C		J
Anthracene	1	1.3	1.3	**1.3**	ug/L	U	SW8270C		J
Aramite	1	1.5	1.5	**1.5**	ug/L	U	SW8270C		J
Benzo(a)anthracene	1	1.4	1.4	**1.4**	ug/L	U	SW8270C		J
Benzo(a)pyrene	1	1.1	1.1	**1.1**	ug/L	U	SW8270C		J
Benzo(b)fluoranthene	1	1.5	1.5	**1.5**	ug/L	U	SW8270C		J
Benzo(g,h,i)perylene	1	1.1	1.1	**1.1**	ug/L	U	SW8270C		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033716

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 09:45

Benzo(k)fluoranthene	1	1.8	1.8	**1.8**	ug/L	U	SW8270C	J
Benzyl Alcohol	1	1.4	1.4	**1.4**	ug/L	U	SW8270C	J
Bis(2-chloroethoxy)methane	1	2.4	2.4	**2.4**	ug/L	U	SW8270C	J
Bis(2-chloroethyl) Ether	1	1.3	1.3	**1.3**	ug/L	U	SW8270C	J
Bis(2-chloroisopropyl) Ether	1	2.0	2.0	**2.0**	ug/L	U	SW8270C	J
Bis(2-ethylhexyl)phthalate	1	0.74	0.74	**0.74**	ug/L	U	SW8270C	J
Chlorobenzilate	1	1.4	1.4	**1.4**	ug/L	U	SW8270C	J
Chrysene	1	1.7	1.7	**1.7**	ug/L	U	SW8270C	J
Di-n-butyl Phthalate	1	0.75	0.75	**0.75**	ug/L	U	SW8270C	J
Di-n-octyl Phthalate	1	0.82	0.82	**0.82**	ug/L	U	SW8270C	J
Diallate	1	0.75	0.75	**0.75**	ug/L	U	SW8270C	J
Dibenz(a,h)anthracene	1	1.2	1.2	**1.2**	ug/L	U	SW8270C	J
Dibenzofuran	1	1.4	1.4	**1.4**	ug/L	U	SW8270C	J
Diethyl Phthalate	1	1.4	1.4	**1.4**	ug/L	U	SW8270C	J
Dimethoate	1	0.58	0.58	**0.58**	ug/L	U	SW8270C	J
Dimethyl Phthalate	1	1.3	1.3	**1.3**	ug/L	U	SW8270C	J
Dinoseb	1	1.7	1.7	**1.7**	ug/L	U , AIC	SW8270C	J
Diphenylamine	1	1.8	1.8	**1.8**	ug/L	U	SW8270C	J
Disulfoton	1	0.77	0.77	**0.77**	ug/L	U	SW8270C	J
Ethyl Methanesulfonate	1	1.2	1.2	**1.2**	ug/L	U	SW8270C	J
Famphur	1	56	56	**56**	ug/L	U	SW8270C	J
Fluoranthene	1	1.6	1.6	**1.6**	ug/L	U	SW8270C	J
Fluorene	1	1.5	1.5	**1.5**	ug/L	U	SW8270C	J
Hexachlorobenzene	1	1.8	1.8	**1.8**	ug/L	U	SW8270C	J
Hexachlorobutadiene	1	2.1	2.1	**2.1**	ug/L	U	SW8270C	J
Hexachlorocyclopentadiene	1	0.92	0.92	**0.92**	ug/L	U	SW8270C	J
Hexachloroethane	1	2.8	2.8	**2.8**	ug/L	U	SW8270C	J
Hexachloropropene	1	1.1	1.1	**1.1**	ug/L	U	SW8270C	J
Indeno(1,2,3-cd)pyrene	1	1.6	1.6	**1.6**	ug/L	U	SW8270C	J
Isodrin	1	1.4	1.4	**1.4**	ug/L	U	SW8270C	J
Isophorone	1	1.3	1.3	**1.3**	ug/L	U	SW8270C	J
Isosafrole	1	1.5	1.5	**1.5**	ug/L	U	SW8270C	J
Kepone	1	74	74	**74**	ug/L	U	SW8270C	J
Methapyrilene	1	0.92	0.92	**0.92**	ug/L	U	SW8270C	J
Methyl Methanesulfonate	1	1.3	1.3	**1.3**	ug/L	U	SW8270C	J
Methyl Parathion	1	0.54	0.54	**0.54**	ug/L	U	SW8270C	J
N-Nitroso-di-n-butylamine	1	1.7	1.7	**1.7**	ug/L	U	SW8270C	J
N-Nitroso-di-n-propylamine	1	1.5	1.5	**1.5**	ug/L	U	SW8270C	J
N-nitrosodiethylamine	1	1.7	1.7	**1.7**	ug/L	U	SW8270C	J
N-Nitrosodimethylamine	1	1.5	1.5	**1.5**	ug/L	U	SW8270C	J
N-Nitrosodiphenylamine	1	1.7	1.7	**1.7**	ug/L	U	SW8270C	J
N-nitrosomethylethylamine	1	2.1	2.1	**2.1**	ug/L	U	SW8270C	J
N-Nitrosopiperidine	1	1.5	1.5	**1.5**	ug/L	U	SW8270C	J
N-nitrosopyrrolidine	1	1.1	1.1	**1.1**	ug/L	U	SW8270C	J
Nitrobenzene	1	1.0	1.0	**1.0**	ug/L	U	SW8270C	J
O,O,O-Triethyl phosphorothioate	1	1.2	1.2	**1.2**	ug/L	U	SW8270C	J
o-Toluidine	1	1.3	1.3	**1.3**	ug/L	U	SW8270C	J
p-Dimethylaminoazobenzene	1	0.82	0.82	**0.82**	ug/L	U	SW8270C	J
p-Phenylenediamine	1	8.2	8.2	**8.2**	ug/L	U	SW8270C	J
Parathion	1	13	13	**13**	ug/L	U	SW8270C	J
Pentachlorobenzene	1	2.7	2.7	**2.7**	ug/L	U	SW8270C	J
Pentachloronitrobenzene	1	2.8	2.8	**2.8**	ug/L	U	SW8270C	J
Pentachlorophenol	1	3.2	3.2	**3.2**	ug/L	U	SW8270C	J
Phenacetin	1	1.2	1.2	**1.2**	ug/L	U	SW8270C	J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033716

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 09:45

Phenanthrene	1	1.4	1.4	**1.4**	ug/L	U		SW8270C	J
Phenol	1	1.4	1.4	**1.4**	ug/L	U		SW8270C	J
Phorate	1	1.1	1.1	**1.1**	ug/L	U		SW8270C	J
Pronamide	1	1.2	1.2	**1.2**	ug/L	U		SW8270C	J
Pyrene	1	0.88	0.88	**0.88**	ug/L	U		SW8270C	J
Safrole	1	1.0	1.0	**1.0**	ug/L	U		SW8270C	J
sym-Trinitrobenzene	1	1.0	1.0	**1.0**	ug/L	U	, AIC	SW8270C	J
Thionazin	1	0.58	0.58	**0.58**	ug/L	U		SW8270C	J

Appendix II Volatile Organic Compounds

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,1,1,2-Tetrachloroethane	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
1,1,1-Trichloroethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
1,1,2,2-Tetrachloroethane	1	0.19	0.19	**0.19**	ug/L	U	SW8260B		J
1,1,2-Trichloroethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
1,1-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,1-Dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
1,1-Dichloropropene	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
1,2,3-Trichloropropane	1	0.33	0.33	**0.33**	ug/L	U	SW8260B		J
1,2-Dibromo-3-chloropropane	1	0.55	0.55	**0.55**	ug/L	U	SW8260B		J
1,2-Dibromoethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
1,2-Dichlorobenzene	1	0.28	0.28	**0.28**	ug/L	U	SW8260B		J
1,2-Dichloroethane	1	0.36	0.36	**0.36**	ug/L	U	SW8260B		J
1,2-Dichloropropane	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
1,3-Dichlorobenzene	1	0.26	0.26	**0.26**	ug/L	U	SW8260B		J
1,3-Dichloropropane	1	0.26	0.26	**0.26**	ug/L	U	SW8260B		J
1,4-Dichlorobenzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
2,2-Dichloropropane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
2-Hexanone (MBK)	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
4-Methyl-2-pentanone (MIBK)	1	0.35	0.35	**0.35**	ug/L	U	SW8260B		J
Acetone	1	0.71	0.71	**4.4**	ug/L		SW8260B	AIC	J
Acrolein	1	2.8	2.8	**2.8**	ug/L	U	SW8260B		J
Acrylonitrile	1	1.6	1.6	**1.6**	ug/L	U	SW8260B		J
Allyl Chloride	1	0.83	0.83	**0.83**	ug/L	U	SW8260B		J
Benzene	1	0.30	0.30	**0.30**	ug/L	U	SW8260B		J
Bromochloromethane	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Bromodichloromethane	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Bromoform	1	0.25	0.25	**0.25**	ug/L	U	SW8260B	AIC	J
Bromomethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B		J
Carbon Disulfide	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Carbon Tetrachloride	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Chlorobenzene	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Chloroethane	1	0.47	0.47	**0.47**	ug/L	U	SW8260B	AIC	J
Chloroform	1	0.41	0.41	**0.41**	ug/L	U	SW8260B		J
Chloromethane	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Chloroprene	1	0.28	0.28	**0.28**	ug/L	U	SW8260B		J
Cis-1,2-dichloroethene	1	0.39	0.39	**0.39**	ug/L	U	SW8260B		J
Cis-1,3-dichloropropene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Dibromochloromethane	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Dibromomethane	1	0.34	0.34	**0.34**	ug/L	U	SW8260B		J
Dichlorodifluoromethane	1	0.51	0.51	**0.51**	ug/L	U	SW8260B		J
Ethylbenzene	1	0.27	0.27	**0.27**	ug/L	U	SW8260B		J
Ethylmethacrylate	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033716

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 09:45

Iodomethane	1	0.40	0.40	**0.40**	ug/L	U	SW8260B	AIC	J
Isobutyl Alcohol	1	16	16	**16**	ug/L	U	SW8260B		J
m&p-Xylenes	1	0.61	0.61	**0.61**	ug/L	U	SW8260B		J
Methacrylonitrile	1	5.7	5.7	**5.7**	ug/L	U	SW8260B		J
Methyl ethyl ketone	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Methyl Methacrylate	1	0.38	0.38	**0.38**	ug/L	U	SW8260B		J
Methylene Chloride	1	0.21	0.21	**0.21**	ug/L	U	SW8260B		J
Naphthalene	1	0.24	0.24	**0.24**	ug/L	U	SW8260B		J
o-Xylene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Propionitrile (ethyl cyanide)	1	5.9	5.9	**5.9**	ug/L	U	SW8260B		J
Styrene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Tetrachloroethene	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Toluene	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Trans-1,2-dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
Trans-1,3-dichloropropene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Trans-1,4-dichloro-2-butene	1	0.52	0.52	**0.52**	ug/L	U	SW8260B		J
Trichloroethene	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Trichlorofluoromethane	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
Vinyl Acetate	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Vinyl Chloride	1	0.49	0.49	**0.72**	ug/L	i	SW8260B		J

Chlorinated Pesticides

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
4,4`-DDD	1	0.0080	0.0080	**0.0080**	ug/L	U	SW8081A		J
4,4`-DDE	1	0.016	0.016	**0.016**	ug/L	U	SW8081A		J
4,4`-DDT	1	0.013	0.013	**0.013**	ug/L	U	SW8081A		J
Aldrin	1	0.0050	0.0050	**0.0050**	ug/L	U	SW8081A		J
Alpha-BHC	1	0.0060	0.0060	**0.0060**	ug/L	U	SW8081A		J
Beta-BHC	1	0.0050	0.0050	**0.0050**	ug/L	U	SW8081A		J
Chlordane	1	0.20	0.20	**0.20**	ug/L	U	SW8081A		J
Delta-BHC	1	0.017	0.017	**0.017**	ug/L	U	SW8081A		J
Dieldrin	1	0.0090	0.0090	**0.0090**	ug/L	U	SW8081A		J
Endosulfan I	1	0.016	0.016	**0.016**	ug/L	U	SW8081A		J
Endosulfan II	1	0.013	0.013	**0.013**	ug/L	U	SW8081A		J
Endosulfan Sulfate	1	0.0060	0.0060	**0.0060**	ug/L	U	SW8081A		J
Endrin	1	0.014	0.014	**0.014**	ug/L	U	SW8081A		J
Endrin Aldehyde	1	0.012	0.012	**0.012**	ug/L	U	SW8081A		J
Gamma-BHC (Lindane)	1	0.0060	0.0060	**0.0060**	ug/L	U	SW8081A		J
Heptachlor	1	0.0090	0.0090	**0.0090**	ug/L	U	SW8081A		J
Heptachlor Epoxide	1	0.013	0.013	**0.013**	ug/L	U	SW8081A		J
Methoxychlor	1	0.014	0.014	**0.014**	ug/L	U	SW8081A		J
Toxaphene	1	0.070	0.070	**0.070**	ug/L	U	SW8081A		J

Ethylene Dibromide

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,2-Dibromo-3-chloropropane	1	0.0034	0.0034	**0.0034**	ug/L	U	E504.1		J
Ethylene Dibromide	1	0.0069	0.0069	**0.0069**	ug/L	U	E504.1		J

Field Parameters

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Color/Sheen	1			**None**			Field		
Conductivity	1			**550**	µmhos/cm		Field		
Dissolved Oxygen	1			**0.60**	mg/L O2		Field		

Client: Trail Rdge Landfill,Inc. **Report No.:** J033716

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 09:45

pH (Field)	1	5.94	pH Units		Field
Temperature	1	23	°C		Field
Turbidity	1	17	NTU		Field

Miscellaneous Analytes

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Ammonia (as N)	5	0.019	0.096	**3.5**	mg/L		E350.1		T
Cyanide	1	0.0041	0.0041	**0.0041**	mg/L	U	SM4500CN-E		T
Nitrate (as N)	1	0.13	0.13	**0.13**	mg/L	U	SM4500NO3-F		J
Sulfide (as H2S)	5	0.0098	0.049	**0.47**	mg/L		SM4500SD		T
Total Chlorides	1	0.50	0.50	**54**	mg/L		E325.2		J
Total Dissolved Solids	1	10	10	**330**	mg/L		E160.1		J

PCBs

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
PCB-1016	1	0.098	0.098	**0.098**	ug/L	U	SW8082		J
PCB-1221	1	0.31	0.31	**0.31**	ug/L	U	SW8082		J
PCB-1232	1	0.20	0.20	**0.20**	ug/L	U	SW8082		J
PCB-1242	1	0.083	0.083	**0.083**	ug/L	U	SW8082		J
PCB-1248	1	0.054	0.054	**0.054**	ug/L	U	SW8082		J
PCB-1254	1	0.089	0.089	**0.089**	ug/L	U	SW8082		J
PCB-1260	1	0.11	0.11	**0.11**	ug/L	U	SW8082		J

Total Metals

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic	1	0.0016	0.0016	**0.0016**	mg/L	U	SW6010B		J
Barium	1	0.00076	0.00076	**0.018**	mg/L		SW6010B		J
Beryllium	1	0.000059	0.000059	**0.000076**	mg/L	i	SW6010B		J
Cadmium	1	0.00036	0.00036	**0.00092**	mg/L	i	SW6010B		J
Chromium	1	0.0010	0.0010	**0.0036**	mg/L	i	SW6010B		J
Cobalt	1	0.00025	0.00025	**0.00099**	mg/L	i , V	SW6010B		J
Copper	1	0.0011	0.0011	**0.0034**	mg/L	i	SW6010B		J
Iron	1	0.019	0.019	**0.58**	mg/L		SW6010B		J
Lead	1	0.00091	0.00091	**0.00091**	mg/L	U	SW6010B		J
Nickel	1	0.00085	0.00085	**0.00085**	mg/L	U	SW6010B		J
Selenium	1	0.0022	0.0022	**0.0056**	mg/L	i	SW6010B		J
* Silver	1	0.00017	0.00017	**0.00026**	mg/L	i , J4	SW6010B		J
Sodium	1	0.049	0.049	**16**	mg/L		SW6010B		J
Tin	1	0.0040	0.0040	**0.020**	mg/L		SW6010B		J
Vanadium	1	0.00016	0.00016	**0.0059**	mg/L		SW6010B		J
Zinc	1	0.0025	0.0025	**0.012**	mg/L		SW6010B		J

Total Metals (Hg)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury	1	0.000018	0.000018	**0.000018**	mg/L	U	SW7470A		J

Total Metals (Sb)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Antimony	1	0.0034	0.0034	**0.0034**	mg/L	U	SW7041A		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033716

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 09:45

Total Metals (Tl)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium	1	0.00098	0.00098	**0.00098**	mg/L	U	SW7841		J

Surrogates:	Control Limits	% Recovery	Qual.	Method	Analysis Date	Prep Method	Prep Date	Analys
Tetrachloro-m-xylene	30 - 120	80		E504.1	7/3/2003	METHOD	7/3/2003 11:00:0	MP
Decachlorobiphenyl	30 - 120	102		SW8081A	7/18/2003	SW3510C	7/3/2003 09:00:0	MP
Tetrachloro-m-xylene	30 - 120	83		SW8081A	7/18/2003	SW3510C	7/3/2003 09:00:0	MP
Decachlorobiphenyl	30 - 120	102		SW8082	7/18/2003	SW3510C	7/3/2003 09:00:0	MP
Tetrachloro-m-xylene	30 - 120	83		SW8082	7/18/2003	SW3510C	7/3/2003 09:00:0	MP
1,2-Dichloroethane-d4	80 - 120	104		SW8260B	7/3/2003	SW5030B	7/3/2003 19:10:0	JA
4-Bromofluorobenzene	86 - 115	110		SW8260B	7/3/2003	SW5030B	7/3/2003 19:10:0	JA
Toluene d(8)	88 - 110	104		SW8260B	7/3/2003	SW5030B	7/3/2003 19:10:0	JA
2,4,6-Tribromophenol	15 - 112	98		SW8270C	7/8/2003	SW3510C	7/7/2003 09:00:0	ZP
2-Fluorobiphenyl	20 - 119	85		SW8270C	7/8/2003	SW3510C	7/7/2003 09:00:0	ZP
2-Fluorophenol	20 - 119	67		SW8270C	7/8/2003	SW3510C	7/7/2003 09:00:0	ZP
Nitrobenzene d5	23 - 120	93		SW8270C	7/8/2003	SW3510C	7/7/2003 09:00:0	ZP
p-Terphenyl-d14	18 - 137	121		SW8270C	7/8/2003	SW3510C	7/7/2003 09:00:0	ZP
Phenol-d6	18 - 121	68		SW8270C	7/8/2003	SW3510C	7/7/2003 09:00:0	ZP

AIC Alternate initial calibration criteria used (mean RSD <15%)

i The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

J4 The sample matrix interfered with the ability to make an accurate determination.

U The compound was analyzed for but not detected.

V Indicates that the analyte was detected in both the sample and the associated method blank.

J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)

T DOH certification #E84589, Compqap #980174 (AEL-Tampa)

* Comment for Silver – J4 qualifier due to matrix spike recovery 28%, matrix spike duplicate recovery 36% for this sample.

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033716

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 09:45

Lab Code: J033716-02 **Date/Time Sampled:** 7/1/2003 10:42

Client Sample ID: MWB-2S **SampleType:**

Site: Monitoring Well **Sampled By:** DSA/BR

Matrix: Water **Shipping Method:** Client drop off

Appendix II Base-Neutral/Acid Extractable Organic Compounds

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,2,4,5-Tetrachlorobenzene	1	2.5	2.5	**2.5**	ug/L	U	SW8270C		J
1,2,4-Trichlorobenzene	1	2.7	2.7	**2.7**	ug/L	U	SW8270C		J
1,3-Dinitrobenzene	1	1.8	1.8	**1.8**	ug/L	U , AIC	SW8270C		J
1,4-Naphthoquinone	1	1.3	1.3	**1.3**	ug/L	U	SW8270C		J
1-Naphthylamine	1	0.98	0.98	**0.98**	ug/L	U	SW8270C		J
2,3,4,6-Tetrachlorophenol	1	3.0	3.0	**3.0**	ug/L	U	SW8270C		J
2,4,5-Trichlorophenol	1	3.5	3.5	**3.5**	ug/L	U	SW8270C		J
2,4,6-Trichlorophenol	1	2.2	2.2	**2.2**	ug/L	U	SW8270C		J
2,4-Dichlorophenol	1	2.2	2.2	**2.2**	ug/L	U	SW8270C		J
2,4-Dimethylphenol	1	1.9	1.9	**1.9**	ug/L	U	SW8270C		J
2,4-Dinitrophenol	1	4.6	4.6	**4.6**	ug/L	U , AIC	SW8270C		J
2,4-Dinitrotoluene	1	0.94	0.94	**0.94**	ug/L	U , AIC	SW8270C		J
2,6-Dichlorophenol	1	2.2	2.2	**2.2**	ug/L	U	SW8270C		J
2,6-Dinitrotoluene	1	2.1	2.1	**2.1**	ug/L	U	SW8270C		J
2-Acetylaminofluorene	1	0.95	0.95	**0.95**	ug/L	U	SW8270C		J
2-Chloronaphthalene	1	2.0	2.0	**2.0**	ug/L	U	SW8270C		J
2-Chlorophenol	1	2.7	2.7	**2.7**	ug/L	U	SW8270C		J
2-Methylnaphthalene	1	1.2	1.2	**1.2**	ug/L	U	SW8270C		J
2-Methylphenol	1	2.3	2.3	**2.3**	ug/L	U	SW8270C		J
2-Naphthylamine	1	1.3	1.3	**1.3**	ug/L	U	SW8270C		J
2-Nitroaniline	1	0.78	0.78	**0.78**	ug/L	U	SW8270C		J
2-Nitrophenol	1	3.0	3.0	**3.0**	ug/L	U	SW8270C		J
3,3`-Dichlorobenzidine	1	1.0	1.0	**1.0**	ug/L	U	SW8270C		J
3,3`-Dimethylbenzidine	1	6.1	6.1	**6.1**	ug/L	U , AIC	SW8270C		J
3-Methylcholanthrene	1	1.3	1.3	**1.3**	ug/L	U	SW8270C		J
3-Nitroaniline	1	1.5	1.5	**1.5**	ug/L	U	SW8270C		J
4,6-Dinitro-2-methylphenol	1	3.7	3.7	**3.7**	ug/L	U , AIC	SW8270C		J
4-Aminobiphenyl	1	1.2	1.2	**1.2**	ug/L	U	SW8270C		J
4-Bromophenyl phenyl ether	1	2.3	2.3	**2.3**	ug/L	U	SW8270C		J
4-Chloro-3-methylphenol	1	2.6	2.6	**2.6**	ug/L	U	SW8270C		J
4-Chloroaniline	1	1.4	1.4	**1.4**	ug/L	U	SW8270C		J
4-Chlorophenyl Phenyl Ether	1	2.8	2.8	**2.8**	ug/L	U	SW8270C		J
4-Nitroaniline	1	0.63	0.63	**0.63**	ug/L	U	SW8270C		J
4-Nitrophenol	1	1.7	1.7	**1.7**	ug/L	U	SW8270C		J
5-Nitro-o-toluidine	1	1.0	1.0	**1.0**	ug/L	U	SW8270C		J
7,12-Dimethylbenz(a)anthracene	1	1.3	1.3	**1.3**	ug/L	U	SW8270C		J
Acenaphthene	1	1.7	1.7	**1.7**	ug/L	U	SW8270C		J
Acenaphthylene	1	1.6	1.6	**1.6**	ug/L	U	SW8270C		J
Acetophenone	1	0.86	0.86	**0.86**	ug/L	U	SW8270C		J
Anthracene	1	1.3	1.3	**1.3**	ug/L	U	SW8270C		J
Aramite	1	1.5	1.5	**1.5**	ug/L	U	SW8270C		J
Benzo(a)anthracene	1	1.4	1.4	**1.4**	ug/L	U	SW8270C		J
Benzo(a)pyrene	1	1.1	1.1	**1.1**	ug/L	U	SW8270C		J
Benzo(b)fluoranthene	1	1.5	1.5	**1.5**	ug/L	U	SW8270C		J
Benzo(g,h,i)perylene	1	1.1	1.1	**1.1**	ug/L	U	SW8270C		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033716

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 09:45

Benzo(k)fluoranthene	1	1.8	1.8	1.8	ug/L	U		SW8270C	J
Benzyl Alcohol	1	1.4	1.4	1.4	ug/L	U		SW8270C	J
Bis(2-chloroethoxy)methane	1	2.4	2.4	2.4	ug/L	U		SW8270C	J
Bis(2-chloroethyl) Ether	1	1.3	1.3	1.3	ug/L	U		SW8270C	J
Bis(2-chloroisopropyl) Ether	1	2.0	2.0	2.0	ug/L	U		SW8270C	J
Bis(2-ethylhexyl)phthalate	1	0.74	0.74	0.74	ug/L	U		SW8270C	J
Chlorobenzilate	1	1.4	1.4	1.4	ug/L	U		SW8270C	J
Chrysene	1	1.7	1.7	1.7	ug/L	U		SW8270C	J
Di-n-butyl Phthalate	1	0.75	0.75	0.75	ug/L	U		SW8270C	J
Di-n-octyl Phthalate	1	0.82	0.82	0.82	ug/L	U		SW8270C	J
Diallate	1	0.75	0.75	0.75	ug/L	U		SW8270C	J
Dibenz(a,h)anthracene	1	1.2	1.2	1.2	ug/L	U		SW8270C	J
Dibenzofuran	1	1.4	1.4	1.4	ug/L	U		SW8270C	J
Diethyl Phthalate	1	1.4	1.4	1.4	ug/L	U		SW8270C	J
Dimethoate	1	0.58	0.58	0.58	ug/L	U		SW8270C	J
Dimethyl Phthalate	1	1.3	1.3	1.3	ug/L	U		SW8270C	J
Dinoseb	1	1.7	1.7	1.7	ug/L	U	, AIC	SW8270C	J
Diphenylamine	1	1.8	1.8	1.8	ug/L	U		SW8270C	J
Disulfoton	1	0.77	0.77	0.77	ug/L	U		SW8270C	J
Ethyl Methanesulfonate	1	1.2	1.2	1.2	ug/L	U		SW8270C	J
Famphur	1	56	56	56	ug/L	U		SW8270C	J
Fluoranthene	1	1.6	1.6	1.6	ug/L	U		SW8270C	J
Fluorene	1	1.5	1.5	1.5	ug/L	U		SW8270C	J
Hexachlorobenzene	1	1.8	1.8	1.8	ug/L	U		SW8270C	J
Hexachlorobutadiene	1	2.1	2.1	2.1	ug/L	U		SW8270C	J
Hexachlorocyclopentadiene	1	0.92	0.92	0.92	ug/L	U		SW8270C	J
Hexachloroethane	1	2.8	2.8	2.8	ug/L	U		SW8270C	J
Hexachloropropene	1	1.1	1.1	1.1	ug/L	U		SW8270C	J
Indeno(1,2,3-cd)pyrene	1	1.6	1.6	1.6	ug/L	U		SW8270C	J
Isodrin	1	1.4	1.4	1.4	ug/L	U		SW8270C	J
Isophorone	1	1.3	1.3	1.3	ug/L	U		SW8270C	J
Isosafrole	1	1.5	1.5	1.5	ug/L	U		SW8270C	J
Kepone	1	74	74	74	ug/L	U		SW8270C	J
Methapyrilene	1	0.92	0.92	0.92	ug/L	U		SW8270C	J
Methyl Methanesulfonate	1	1.3	1.3	1.3	ug/L	U		SW8270C	J
Methyl Parathion	1	0.54	0.54	0.54	ug/L	U		SW8270C	J
N-Nitroso-di-n-butylamine	1	1.7	1.7	1.7	ug/L	U		SW8270C	J
N-Nitroso-di-n-propylamine	1	1.5	1.5	1.5	ug/L	U		SW8270C	J
N-nitrosodiethylamine	1	1.7	1.7	1.7	ug/L	U		SW8270C	J
N-Nitrosodimethylamine	1	1.5	1.5	1.5	ug/L	U		SW8270C	J
N-Nitrosodiphenylamine	1	1.7	1.7	1.7	ug/L	U		SW8270C	J
N-nitrosomethylethylamine	1	2.1	2.1	2.1	ug/L	U		SW8270C	J
N-Nitrosopiperidine	1	1.5	1.5	1.5	ug/L	U		SW8270C	J
N-nitrosopyrrolidine	1	1.1	1.1	1.1	ug/L	U		SW8270C	J
Nitrobenzene	1	1.0	1.0	1.0	ug/L	U		SW8270C	J
O,O,O-Triethyl phosphorothioate	1	1.2	1.2	1.2	ug/L	U		SW8270C	J
o-Toluidine	1	1.3	1.3	1.3	ug/L	U		SW8270C	J
p-Dimethylaminoazobenzene	1	0.82	0.82	0.82	ug/L	U		SW8270C	J
p-Phenylenediamine	1	8.2	8.2	8.2	ug/L	U		SW8270C	J
Parathion	1	13	13	13	ug/L	U		SW8270C	J
Pentachlorobenzene	1	2.7	2.7	2.7	ug/L	U		SW8270C	J
Pentachloronitrobenzene	1	2.8	2.8	2.8	ug/L	U		SW8270C	J
Pentachlorophenol	1	3.2	3.2	3.2	ug/L	U		SW8270C	J
Phenacetin	1	1.2	1.2	1.2	ug/L	U		SW8270C	J

Phenanthrene	1	1.4	1.4	1.4	ug/L	U		SW8270C	J
Phenol	1	1.4	1.4	1.4	ug/L	U		SW8270C	J
Phorate	1	1.1	1.1	1.1	ug/L	U		SW8270C	J
Pronamide	1	1.2	1.2	1.2	ug/L	U		SW8270C	J
Pyrene	1	0.88	0.88	0.88	ug/L	U		SW8270C	J
Safrole	1	1.0	1.0	1.0	ug/L	U		SW8270C	J
sym-Trinitrobenzene	1	1.0	1.0	1.0	ug/L	U	, AIC	SW8270C	J
Thionazin	1	0.58	0.58	0.58	ug/L	U		SW8270C	J

Appendix II Volatile Organic Compounds

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,1,1,2-Tetrachloroethane	1	0.27	0.27	0.27	ug/L	U	SW8260B		J
1,1,1-Trichloroethane	1	0.39	0.39	0.39	ug/L	U	SW8260B		J
1,1,2,2-Tetrachloroethane	1	0.19	0.19	0.19	ug/L	U	SW8260B		J
1,1,2-Trichloroethane	1	0.34	0.34	0.34	ug/L	U	SW8260B		J
1,1-Dichloroethane	1	0.36	0.36	0.36	ug/L	U	SW8260B		J
1,1-Dichloroethene	1	0.50	0.50	0.50	ug/L	U	SW8260B		J
1,1-Dichloropropene	1	0.39	0.39	0.39	ug/L	U	SW8260B		J
1,2,3-Trichloropropane	1	0.33	0.33	0.33	ug/L	U	SW8260B		J
1,2-Dibromo-3-chloropropane	1	0.55	0.55	0.55	ug/L	U	SW8260B		J
1,2-Dibromoethane	1	0.25	0.25	0.25	ug/L	U	SW8260B		J
1,2-Dichlorobenzene	1	0.28	0.28	0.28	ug/L	U	SW8260B		J
1,2-Dichloroethane	1	0.36	0.36	0.36	ug/L	U	SW8260B		J
1,2-Dichloropropane	1	0.30	0.30	0.30	ug/L	U	SW8260B		J
1,3-Dichlorobenzene	1	0.26	0.26	0.26	ug/L	U	SW8260B		J
1,3-Dichloropropane	1	0.26	0.26	0.26	ug/L	U	SW8260B		J
1,4-Dichlorobenzene	1	0.30	0.30	0.30	ug/L	U	SW8260B		J
2,2-Dichloropropane	1	0.39	0.39	0.39	ug/L	U	SW8260B		J
2-Hexanone (MBK)	1	0.27	0.27	0.27	ug/L	U	SW8260B		J
4-Methyl-2-pentanone (MIBK)	1	0.35	0.35	0.35	ug/L	U	SW8260B		J
Acetone	1	0.71	0.71	2.7	ug/L	i	SW8260B	AIC	J
Acrolein	1	2.8	2.8	2.8	ug/L	U	SW8260B		J
Acrylonitrile	1	1.6	1.6	1.6	ug/L	U	SW8260B		J
Allyl Chloride	1	0.83	0.83	0.83	ug/L	U	SW8260B		J
Benzene	1	0.30	0.30	0.30	ug/L	U	SW8260B		J
Bromochloromethane	1	0.39	0.39	0.39	ug/L	U	SW8260B		J
Bromodichloromethane	1	0.29	0.29	0.29	ug/L	U	SW8260B		J
Bromoform	1	0.25	0.25	0.25	ug/L	U	SW8260B	AIC	J
Bromomethane	1	0.47	0.47	0.47	ug/L	U	SW8260B		J
Carbon Disulfide	1	0.41	0.41	0.41	ug/L	U	SW8260B		J
Carbon Tetrachloride	1	0.39	0.39	0.39	ug/L	U	SW8260B		J
Chlorobenzene	1	0.31	0.31	0.31	ug/L	U	SW8260B		J
Chloroethane	1	0.47	0.47	0.47	ug/L	U	SW8260B	AIC	J
Chloroform	1	0.41	0.41	0.41	ug/L	U	SW8260B		J
Chloromethane	1	0.43	0.43	0.43	ug/L	U	SW8260B		J
Chloroprene	1	0.28	0.28	0.28	ug/L	U	SW8260B		J
Cis-1,2-dichloroethene	1	0.39	0.39	0.39	ug/L	U	SW8260B		J
Cis-1,3-dichloropropene	1	0.27	0.27	0.27	ug/L	U	SW8260B		J
Dibromochloromethane	1	0.25	0.25	0.25	ug/L	U	SW8260B		J
Dibromomethane	1	0.34	0.34	0.34	ug/L	U	SW8260B		J
Dichlorodifluoromethane	1	0.51	0.51	0.51	ug/L	U	SW8260B		J
Ethylbenzene	1	0.27	0.27	0.27	ug/L	U	SW8260B		J
Ethylmethacrylate	1	0.43	0.43	0.43	ug/L	U	SW8260B		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033716

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 09:45

Iodomethane	1	0.40	0.40	**0.40**	ug/L	U	SW8260B	AIC	J
Isobutyl Alcohol	1	16	16	**16**	ug/L	U	SW8260B		J
m&p-Xylenes	1	0.61	0.61	**0.61**	ug/L	U	SW8260B		J
Methacrylonitrile	1	5.7	5.7	**5.7**	ug/L	U	SW8260B		J
Methyl ethyl ketone	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Methyl Methacrylate	1	0.38	0.38	**0.38**	ug/L	U	SW8260B		J
Methylene Chloride	1	0.21	0.21	**0.21**	ug/L	U	SW8260B		J
Naphthalene	1	0.24	0.24	**0.24**	ug/L	U	SW8260B		J
o-Xylene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Propionitrile (ethyl cyanide)	1	5.9	5.9	**5.9**	ug/L	U	SW8260B		J
Styrene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Tetrachloroethene	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Toluene	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Trans-1,2-dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
Trans-1,3-dichloropropene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Trans-1,4-dichloro-2-butene	1	0.52	0.52	**0.52**	ug/L	U	SW8260B		J
Trichloroethene	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Trichlorofluoromethane	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
Vinyl Acetate	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Vinyl Chloride	1	0.49	0.49	**0.49**	ug/L	U	SW8260B		J

Chlorinated Pesticides

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
4,4`-DDD	1	0.0080	0.0080	**0.0080**	ug/L	U	SW8081A		J
4,4`-DDE	1	0.016	0.016	**0.016**	ug/L	U	SW8081A		J
4,4`-DDT	1	0.013	0.013	**0.013**	ug/L	U	SW8081A		J
Aldrin	1	0.0050	0.0050	**0.0050**	ug/L	U	SW8081A		J
Alpha-BHC	1	0.0060	0.0060	**0.0060**	ug/L	U	SW8081A		J
Beta-BHC	1	0.0050	0.0050	**0.0050**	ug/L	U	SW8081A		J
Chlordane	1	0.20	0.20	**0.20**	ug/L	U	SW8081A		J
Delta-BHC	1	0.017	0.017	**0.017**	ug/L	U	SW8081A		J
Dieldrin	1	0.0090	0.0090	**0.0090**	ug/L	U	SW8081A		J
Endosulfan I	1	0.016	0.016	**0.016**	ug/L	U	SW8081A		J
Endosulfan II	1	0.013	0.013	**0.013**	ug/L	U	SW8081A		J
Endosulfan Sulfate	1	0.0060	0.0060	**0.0060**	ug/L	U	SW8081A		J
Endrin	1	0.014	0.014	**0.014**	ug/L	U	SW8081A		J
Endrin Aldehyde	1	0.012	0.012	**0.012**	ug/L	U	SW8081A		J
Gamma-BHC (Lindane)	1	0.0060	0.0060	**0.0060**	ug/L	U	SW8081A		J
Heptachlor	1	0.0090	0.0090	**0.0090**	ug/L	U	SW8081A		J
Heptachlor Epoxide	1	0.013	0.013	**0.013**	ug/L	U	SW8081A		J
Methoxychlor	1	0.014	0.014	**0.014**	ug/L	U	SW8081A		J
Toxaphene	1	0.070	0.070	**0.070**	ug/L	U	SW8081A		J

Ethylene Dibromide

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,2-Dibromo-3-chloropropane	1	0.0034	0.0034	**0.0034**	ug/L	U	E504.1		J
Ethylene Dibromide	1	0.0069	0.0069	**0.0069**	ug/L	U	E504.1		J

Field Parameters

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Color/Sheen	1			**None**			Field		
Conductivity	1			**71**	µmhos/cm		Field		
Dissolved Oxygen	1			**1.3**	mg/L O2		Field		

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033716

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 09:45

pH (Field)	1	4.55	pH Units	Field	
Temperature	1	22	°C	Field	
Turbidity	1	5.2	NTU	Field	

Miscellaneous Analytes

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Ammonia (as N)	1	0.019	0.019	**0.019**	mg/L	U	E350.1		T
Cyanide	1	0.0041	0.0041	**0.0041**	mg/L	U	SM4500CN-E		T
Nitrate (as N)	1	0.13	0.13	**0.13**	mg/L	U	SM4500NO3-F		J
Sulfide (as H2S)	5	0.0098	0.049	**0.066**	mg/L	i	SM4500SD		T
Total Chlorides	1	0.50	0.50	**6.6**	mg/L		E325.2		J
Total Dissolved Solids	1	10	10	**47**	mg/L		E160.1		J

PCBs

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
PCB-1016	1	0.098	0.098	**0.098**	ug/L	U	SW8082		J
PCB-1221	1	0.31	0.31	**0.31**	ug/L	U	SW8082		J
PCB-1232	1	0.20	0.20	**0.20**	ug/L	U	SW8082		J
PCB-1242	1	0.083	0.083	**0.083**	ug/L	U	SW8082		J
PCB-1248	1	0.054	0.054	**0.054**	ug/L	U	SW8082		J
PCB-1254	1	0.089	0.089	**0.089**	ug/L	U	SW8082		J
PCB-1260	1	0.11	0.11	**0.11**	ug/L	U	SW8082		J

Total Metals

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic	1	0.0016	0.0016	**0.0016**	mg/L	U	SW6010B		J
Barium	1	0.00076	0.00076	**0.017**	mg/L		SW6010B		J
Beryllium	1	0.000059	0.000059	**0.000059**	mg/L	U	SW6010B		J
Cadmium	1	0.00036	0.00036	**0.00036**	mg/L	U	SW6010B		J
Chromium	1	0.0010	0.0010	**0.0010**	mg/L	U	SW6010B		J
Cobalt	1	0.00025	0.00025	**0.00032**	mg/L	i , V	SW6010B		J
Copper	1	0.0011	0.0011	**0.0011**	mg/L	U	SW6010B		J
Iron	1	0.019	0.019	**0.23**	mg/L		SW6010B		J
Lead	1	0.00091	0.00091	**0.0028**	mg/L	i	SW6010B		J
Nickel	1	0.00085	0.00085	**0.00085**	mg/L	U	SW6010B		J
Selenium	1	0.0022	0.0022	**0.0022**	mg/L	U	SW6010B		J
Silver	1	0.00017	0.00017	**0.00017**	mg/L	U	SW6010B		J
Sodium	1	0.049	0.049	**4.1**	mg/L		SW6010B		J
Tin	1	0.0040	0.0040	**0.0042**	mg/L	i	SW6010B		J
Vanadium	1	0.00016	0.00016	**0.00092**	mg/L		SW6010B		J
Zinc	1	0.0025	0.0025	**0.0029**	mg/L	i	SW6010B		J

Total Metals (Hg)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury	1	0.000018	0.000018	**0.000018**	mg/L	U	SW7470A		J

Total Metals (Sb)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Antimony	1	0.0034	0.0034	**0.0034**	mg/L	U	SW7041A		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033716

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 09:45

Total Metals (Tl)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium	1	0.00098	0.00098	**0.00098**	mg/L	U	SW7841		J

Surrogates:	Control Limits	% Recovery	Qual.	Method	Analysis Date	Prep Method	Prep Date	Analys
Tetrachloro-m-xylene	30 - 120	110		E504.1	7/3/2003	METHOD	7/3/2003 11:00:0	MP
Decachlorobiphenyl	30 - 120	100		SW8081A	7/18/2003	SW3510C	7/3/2003 09:00:0	MP
Tetrachloro-m-xylene	30 - 120	99		SW8081A	7/18/2003	SW3510C	7/3/2003 09:00:0	MP
Decachlorobiphenyl	30 - 120	100		SW8082	7/18/2003	SW3510C	7/3/2003 09:00:0	MP
Tetrachloro-m-xylene	30 - 120	99		SW8082	7/18/2003	SW3510C	7/3/2003 09:00:0	MP
1,2-Dichloroethane-d4	80 - 120	106		SW8260B	7/3/2003	SW5030B	7/3/2003 19:10:0	JA
4-Bromofluorobenzene	86 - 115	112		SW8260B	7/3/2003	SW5030B	7/3/2003 19:10:0	JA
Toluene d(8)	88 - 110	104		SW8260B	7/3/2003	SW5030B	7/3/2003 19:10:0	JA
2,4,6-Tribromophenol	15 - 112	80		SW8270C	7/8/2003	SW3510C	7/7/2003 09:00:0	ZP
2-Fluorobiphenyl	20 - 119	85		SW8270C	7/8/2003	SW3510C	7/7/2003 09:00:0	ZP
2-Fluorophenol	20 - 119	62		SW8270C	7/8/2003	SW3510C	7/7/2003 09:00:0	ZP
Nitrobenzene d5	23 - 120	89		SW8270C	7/8/2003	SW3510C	7/7/2003 09:00:0	ZP
p-Terphenyl-d14	18 - 137	110		SW8270C	7/8/2003	SW3510C	7/7/2003 09:00:0	ZP
Phenol-d6	18 - 121	61		SW8270C	7/8/2003	SW3510C	7/7/2003 09:00:0	ZP

AIC Alternate initial calibration criteria used (mean RSD <15%)

i The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U The compound was analyzed for but not detected.

V Indicates that the analyte was detected in both the sample and the associated method blank.

J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)

T DOH certification #E84589, Compqap #980174 (AEL-Tampa)

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033716

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 09:45

Lab Code: J033716-03 **Date/Time Sampled:** 7/1/2003 17:26

Client Sample ID: MWB-23S **SampleType:**

Site: Monitoring Well **Sampled By:** DSA/BR

Matrix: Water **Shipping Method:** Client drop off

Appendix II Base-Neutral/Acid Extractable Organic Compounds

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,2,4,5-Tetrachlorobenzene	1	2.5	2.5	**2.5**	ug/L	U	SW8270C		J
1,2,4-Trichlorobenzene	1	2.7	2.7	**2.7**	ug/L	U	SW8270C		J
1,3-Dinitrobenzene	1	1.8	1.8	**1.8**	ug/L	U , AIC	SW8270C		J
1,4-Naphthoquinone	1	1.3	1.3	**1.3**	ug/L	U	SW8270C		J
1-Naphthylamine	1	0.98	0.98	**0.98**	ug/L	U	SW8270C		J
2,3,4,6-Tetrachlorophenol	1	3.0	3.0	**3.0**	ug/L	U	SW8270C		J
2,4,5-Trichlorophenol	1	3.5	3.5	**3.5**	ug/L	U	SW8270C		J
2,4,6-Trichlorophenol	1	2.2	2.2	**2.2**	ug/L	U	SW8270C		J
2,4-Dichlorophenol	1	2.2	2.2	**2.2**	ug/L	U	SW8270C		J
2,4-Dimethylphenol	1	1.9	1.9	**1.9**	ug/L	U	SW8270C		J
2,4-Dinitrophenol	1	4.6	4.6	**4.6**	ug/L	U , AIC	SW8270C		J
2,4-Dinitrotoluene	1	0.94	0.94	**0.94**	ug/L	U , AIC	SW8270C		J
2,6-Dichlorophenol	1	2.2	2.2	**2.2**	ug/L	U	SW8270C		J
2,6-Dinitrotoluene	1	2.1	2.1	**2.1**	ug/L	U	SW8270C		J
2-Acetylaminofluorene	1	0.95	0.95	**0.95**	ug/L	U	SW8270C		J
2-Chloronaphthalene	1	2.0	2.0	**2.0**	ug/L	U	SW8270C		J
2-Chlorophenol	1	2.7	2.7	**2.7**	ug/L	U	SW8270C		J
2-Methylnaphthalene	1	1.2	1.2	**1.2**	ug/L	U	SW8270C		J
2-Methylphenol	1	2.3	2.3	**2.3**	ug/L	U	SW8270C		J
2-Naphthylamine	1	1.3	1.3	**1.3**	ug/L	U	SW8270C		J
2-Nitroaniline	1	0.78	0.78	**0.78**	ug/L	U	SW8270C		J
2-Nitrophenol	1	3.0	3.0	**3.0**	ug/L	U	SW8270C		J
3,3`-Dichlorobenzidine	1	1.0	1.0	**1.0**	ug/L	U	SW8270C		J
3,3`-Dimethylbenzidine	1	6.1	6.1	**6.1**	ug/L	U , AIC	SW8270C		J
3-Methylcholanthrene	1	1.3	1.3	**1.3**	ug/L	U	SW8270C		J
3-Nitroaniline	1	1.5	1.5	**1.5**	ug/L	U	SW8270C		J
4,6-Dinitro-2-methylphenol	1	3.7	3.7	**3.7**	ug/L	U , AIC	SW8270C		J
4-Aminobiphenyl	1	1.2	1.2	**1.2**	ug/L	U	SW8270C		J
4-Bromophenyl phenyl ether	1	2.3	2.3	**2.3**	ug/L	U	SW8270C		J
4-Chloro-3-methylphenol	1	2.6	2.6	**2.6**	ug/L	U	SW8270C		J
4-Chloroaniline	1	1.4	1.4	**1.4**	ug/L	U	SW8270C		J
4-Chlorophenyl Phenyl Ether	1	2.8	2.8	**2.8**	ug/L	U	SW8270C		J
4-Nitroaniline	1	0.63	0.63	**0.63**	ug/L	U	SW8270C		J
4-Nitrophenol	1	1.7	1.7	**1.7**	ug/L	U	SW8270C		J
5-Nitro-o-toluidine	1	1.0	1.0	**1.0**	ug/L	U	SW8270C		J
7,12-Dimethylbenz(a)anthracene	1	1.3	1.3	**1.3**	ug/L	U	SW8270C		J
Acenaphthene	1	1.7	1.7	**1.7**	ug/L	U	SW8270C		J
Acenaphthylene	1	1.6	1.6	**1.6**	ug/L	U	SW8270C		J
Acetophenone	1	0.86	0.86	**0.86**	ug/L	U	SW8270C		J
Anthracene	1	1.3	1.3	**1.3**	ug/L	U	SW8270C		J
Aramite	1	1.5	1.5	**1.5**	ug/L	U	SW8270C		J
Benzo(a)anthracene	1	1.4	1.4	**1.4**	ug/L	U	SW8270C		J
Benzo(a)pyrene	1	1.1	1.1	**1.1**	ug/L	U	SW8270C		J
Benzo(b)fluoranthene	1	1.5	1.5	**1.5**	ug/L	U	SW8270C		J
Benzo(g,h,i)perylene	1	1.1	1.1	**1.1**	ug/L	U	SW8270C		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033716

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 09:45

Benzo(k)fluoranthene	1	1.8	1.8	**1.8**	ug/L	U		SW8270C	J
Benzyl Alcohol	1	1.4	1.4	**1.4**	ug/L	U		SW8270C	J
Bis(2-chloroethoxy)methane	1	2.4	2.4	**2.4**	ug/L	U		SW8270C	J
Bis(2-chloroethyl) Ether	1	1.3	1.3	**1.3**	ug/L	U		SW8270C	J
Bis(2-chloroisopropyl) Ether	1	2.0	2.0	**2.0**	ug/L	U		SW8270C	J
Bis(2-ethylhexyl)phthalate	1	0.74	0.74	**0.74**	ug/L	U		SW8270C	J
Chlorobenzilate	1	1.4	1.4	**1.4**	ug/L	U		SW8270C	J
Chrysene	1	1.7	1.7	**1.7**	ug/L	U		SW8270C	J
Di-n-butyl Phthalate	1	0.75	0.75	**0.75**	ug/L	U		SW8270C	J
Di-n-octyl Phthalate	1	0.82	0.82	**0.82**	ug/L	U		SW8270C	J
Diallate	1	0.75	0.75	**0.75**	ug/L	U		SW8270C	J
Dibenz(a,h)anthracene	1	1.2	1.2	**1.2**	ug/L	U		SW8270C	J
Dibenzofuran	1	1.4	1.4	**1.4**	ug/L	U		SW8270C	J
Diethyl Phthalate	1	1.4	1.4	**1.4**	ug/L	U		SW8270C	J
Dimethoate	1	0.58	0.58	**0.58**	ug/L	U		SW8270C	J
Dimethyl Phthalate	1	1.3	1.3	**1.3**	ug/L	U		SW8270C	J
Dinoseb	1	1.7	1.7	**1.7**	ug/L	U	, AIC	SW8270C	J
Diphenylamine	1	1.8	1.8	**1.8**	ug/L	U		SW8270C	J
Disulfoton	1	0.77	0.77	**0.77**	ug/L	U		SW8270C	J
Ethyl Methanesulfonate	1	1.2	1.2	**1.2**	ug/L	U		SW8270C	J
Famphur	1	56	56	**56**	ug/L	U		SW8270C	J
Fluoranthene	1	1.6	1.6	**1.6**	ug/L	U		SW8270C	J
Fluorene	1	1.5	1.5	**1.5**	ug/L	U		SW8270C	J
Hexachlorobenzene	1	1.8	1.8	**1.8**	ug/L	U		SW8270C	J
Hexachlorobutadiene	1	2.1	2.1	**2.1**	ug/L	U		SW8270C	J
Hexachlorocyclopentadiene	1	0.92	0.92	**0.92**	ug/L	U		SW8270C	J
Hexachloroethane	1	2.8	2.8	**2.8**	ug/L	U		SW8270C	J
Hexachloropropene	1	1.1	1.1	**1.1**	ug/L	U		SW8270C	J
Indeno(1,2,3-cd)pyrene	1	1.6	1.6	**1.6**	ug/L	U		SW8270C	J
Isodrin	1	1.4	1.4	**1.4**	ug/L	U		SW8270C	J
Isophorone	1	1.3	1.3	**1.3**	ug/L	U		SW8270C	J
Isosafrole	1	1.5	1.5	**1.5**	ug/L	U		SW8270C	J
Kepone	1	74	74	**74**	ug/L	U		SW8270C	J
Methapyrilene	1	0.92	0.92	**0.92**	ug/L	U		SW8270C	J
Methyl Methanesulfonate	1	1.3	1.3	**1.3**	ug/L	U		SW8270C	J
Methyl Parathion	1	0.54	0.54	**0.54**	ug/L	U		SW8270C	J
N-Nitroso-di-n-butylamine	1	1.7	1.7	**1.7**	ug/L	U		SW8270C	J
N-Nitroso-di-n-propylamine	1	1.5	1.5	**1.5**	ug/L	U		SW8270C	J
N-nitrosodiethylamine	1	1.7	1.7	**1.7**	ug/L	U		SW8270C	J
N-Nitrosodimethylamine	1	1.5	1.5	**1.5**	ug/L	U		SW8270C	J
N-Nitrosodiphenylamine	1	1.7	1.7	**1.7**	ug/L	U		SW8270C	J
N-nitrosomethylethylamine	1	2.1	2.1	**2.1**	ug/L	U		SW8270C	J
N-Nitrosopiperidine	1	1.5	1.5	**1.5**	ug/L	U		SW8270C	J
N-nitrosopyrrolidine	1	1.1	1.1	**1.1**	ug/L	U		SW8270C	J
Nitrobenzene	1	1.0	1.0	**1.0**	ug/L	U		SW8270C	J
O,O,O-Triethyl phosphorothioate	1	1.2	1.2	**1.2**	ug/L	U		SW8270C	J
o-Toluidine	1	1.3	1.3	**1.3**	ug/L	U		SW8270C	J
p-Dimethylaminoazobenzene	1	0.82	0.82	**0.82**	ug/L	U		SW8270C	J
p-Phenylenediamine	1	8.2	8.2	**8.2**	ug/L	U		SW8270C	J
Parathion	1	13	13	**13**	ug/L	U		SW8270C	J
Pentachlorobenzene	1	2.7	2.7	**2.7**	ug/L	U		SW8270C	J
Pentachloronitrobenzene	1	2.8	2.8	**2.8**	ug/L	U		SW8270C	J
Pentachlorophenol	1	3.2	3.2	**3.2**	ug/L	U		SW8270C	J
Phenacetin	1	1.2	1.2	**1.2**	ug/L	U		SW8270C	J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033716

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 09:45

Phenanthrene	1	1.4	1.4	1.4	ug/L	U		SW8270C	J
Phenol	1	1.4	1.4	1.4	ug/L	U		SW8270C	J
Phorate	1	1.1	1.1	1.1	ug/L	U		SW8270C	J
Pronamide	1	1.2	1.2	1.2	ug/L	U		SW8270C	J
Pyrene	1	0.88	0.88	0.88	ug/L	U		SW8270C	J
Safrole	1	1.0	1.0	1.0	ug/L	U		SW8270C	J
sym-Trinitrobenzene	1	1.0	1.0	1.0	ug/L	U	, AIC	SW8270C	J
Thionazin	1	0.58	0.58	0.58	ug/L	U		SW8270C	J

Appendix II Volatile Organic Compounds

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,1,1,2-Tetrachloroethane	1	0.27	0.27	0.27	ug/L	U	SW8260B		J
1,1,1-Trichloroethane	1	0.39	0.39	0.39	ug/L	U	SW8260B		J
1,1,2,2-Tetrachloroethane	1	0.19	0.19	0.19	ug/L	U	SW8260B		J
1,1,2-Trichloroethane	1	0.34	0.34	0.34	ug/L	U	SW8260B		J
1,1-Dichloroethane	1	0.36	0.36	0.36	ug/L	U	SW8260B		J
1,1-Dichloroethene	1	0.50	0.50	0.50	ug/L	U	SW8260B		J
1,1-Dichloropropene	1	0.39	0.39	0.39	ug/L	U	SW8260B		J
1,2,3-Trichloropropane	1	0.33	0.33	0.33	ug/L	U	SW8260B		J
1,2-Dibromo-3-chloropropane	1	0.55	0.55	0.55	ug/L	U	SW8260B		J
1,2-Dibromoethane	1	0.25	0.25	0.25	ug/L	U	SW8260B		J
1,2-Dichlorobenzene	1	0.28	0.28	0.28	ug/L	U	SW8260B		J
1,2-Dichloroethane	1	0.36	0.36	0.36	ug/L	U	SW8260B		J
1,2-Dichloropropane	1	0.30	0.30	0.30	ug/L	U	SW8260B		J
1,3-Dichlorobenzene	1	0.26	0.26	0.26	ug/L	U	SW8260B		J
1,3-Dichloropropane	1	0.26	0.26	0.26	ug/L	U	SW8260B		J
1,4-Dichlorobenzene	1	0.30	0.30	0.30	ug/L	U	SW8260B		J
2,2-Dichloropropane	1	0.39	0.39	0.39	ug/L	U	SW8260B		J
2-Hexanone (MBK)	1	0.27	0.27	0.27	ug/L	U	SW8260B		J
4-Methyl-2-pentanone (MIBK)	1	0.35	0.35	0.35	ug/L	U	SW8260B		J
Acetone	1	0.71	0.71	3.2	ug/L		SW8260B	AIC	J
Acrolein	1	2.8	2.8	2.8	ug/L	U	SW8260B		J
Acrylonitrile	1	1.6	1.6	1.6	ug/L	U	SW8260B		J
Allyl Chloride	1	0.83	0.83	0.83	ug/L	U	SW8260B		J
Benzene	1	0.30	0.30	0.30	ug/L	U	SW8260B		J
Bromochloromethane	1	0.39	0.39	0.39	ug/L	U	SW8260B		J
Bromodichloromethane	1	0.29	0.29	0.29	ug/L	U	SW8260B		J
Bromoform	1	0.25	0.25	0.25	ug/L	U	SW8260B	AIC	J
Bromomethane	1	0.47	0.47	0.47	ug/L	U	SW8260B		J
Carbon Disulfide	1	0.41	0.41	0.41	ug/L	U	SW8260B		J
Carbon Tetrachloride	1	0.39	0.39	0.39	ug/L	U	SW8260B		J
Chlorobenzene	1	0.31	0.31	0.31	ug/L	U	SW8260B		J
Chloroethane	1	0.47	0.47	0.47	ug/L	U	SW8260B	AIC	J
Chloroform	1	0.41	0.41	0.41	ug/L	U	SW8260B		J
Chloromethane	1	0.43	0.43	0.43	ug/L	U	SW8260B		J
Chloroprene	1	0.28	0.28	0.28	ug/L	U	SW8260B		J
Cis-1,2-dichloroethene	1	0.39	0.39	0.39	ug/L	U	SW8260B		J
Cis-1,3-dichloropropene	1	0.27	0.27	0.27	ug/L	U	SW8260B		J
Dibromochloromethane	1	0.25	0.25	0.25	ug/L	U	SW8260B		J
Dibromomethane	1	0.34	0.34	0.34	ug/L	U	SW8260B		J
Dichlorodifluoromethane	1	0.51	0.51	0.51	ug/L	U	SW8260B		J
Ethylbenzene	1	0.27	0.27	0.27	ug/L	U	SW8260B		J
Ethylmethacrylate	1	0.43	0.43	0.43	ug/L	U	SW8260B		J

Client: Trail Rdge Landfill,Inc. **Report No.:** J033716

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 09:45

Iodomethane	1	0.40	0.40	**0.40**	ug/L	U	SW8260B	AIC	J
Isobutyl Alcohol	1	16	16	**16**	ug/L	U	SW8260B		J
m&p-Xylenes	1	0.61	0.61	**0.61**	ug/L	U	SW8260B		J
Methacrylonitrile	1	5.7	5.7	**5.7**	ug/L	U	SW8260B		J
Methyl ethyl ketone	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Methyl Methacrylate	1	0.38	0.38	**0.38**	ug/L	U	SW8260B		J
Methylene Chloride	1	0.21	0.21	**0.21**	ug/L	U	SW8260B		J
Naphthalene	1	0.24	0.24	**0.24**	ug/L	U	SW8260B		J
o-Xylene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Propionitrile (ethyl cyanide)	1	5.9	5.9	**5.9**	ug/L	U	SW8260B		J
Styrene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Tetrachloroethene	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Toluene	1	0.29	0.29	**0.29**	ug/L	U	SW8260B		J
Trans-1,2-dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
Trans-1,3-dichloropropene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B		J
Trans-1,4-dichloro-2-butene	1	0.52	0.52	**0.52**	ug/L	U	SW8260B		J
Trichloroethene	1	0.43	0.43	**0.43**	ug/L	U	SW8260B		J
Trichlorofluoromethane	1	0.50	0.50	**0.50**	ug/L	U	SW8260B		J
Vinyl Acetate	1	0.31	0.31	**0.31**	ug/L	U	SW8260B		J
Vinyl Chloride	1	0.49	0.49	**0.49**	ug/L	U	SW8260B		J

Chlorinated Pesticides

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
4,4`-DDD	1	0.0080	0.0080	**0.0080**	ug/L	U	SW8081A		J
4,4`-DDE	1	0.016	0.016	**0.016**	ug/L	U	SW8081A		J
4,4`-DDT	1	0.013	0.013	**0.013**	ug/L	U	SW8081A		J
Aldrin	1	0.0050	0.0050	**0.0050**	ug/L	U	SW8081A		J
Alpha-BHC	1	0.0060	0.0060	**0.0060**	ug/L	U	SW8081A		J
Beta-BHC	1	0.0050	0.0050	**0.0050**	ug/L	U	SW8081A		J
Chlordane	1	0.20	0.20	**0.20**	ug/L	U	SW8081A		J
Delta-BHC	1	0.017	0.017	**0.017**	ug/L	U	SW8081A		J
Dieldrin	1	0.0090	0.0090	**0.0090**	ug/L	U	SW8081A		J
Endosulfan I	1	0.016	0.016	**0.016**	ug/L	U	SW8081A		J
Endosulfan II	1	0.013	0.013	**0.013**	ug/L	U	SW8081A		J
Endosulfan Sulfate	1	0.0060	0.0060	**0.0060**	ug/L	U	SW8081A		J
Endrin	1	0.014	0.014	**0.014**	ug/L	U	SW8081A		J
Endrin Aldehyde	1	0.012	0.012	**0.012**	ug/L	U	SW8081A		J
Gamma-BHC (Lindane)	1	0.0060	0.0060	**0.0060**	ug/L	U	SW8081A		J
Heptachlor	1	0.0090	0.0090	**0.0090**	ug/L	U	SW8081A		J
Heptachlor Epoxide	1	0.013	0.013	**0.013**	ug/L	U	SW8081A		J
Methoxychlor	1	0.014	0.014	**0.014**	ug/L	U	SW8081A		J
Toxaphene	1	0.070	0.070	**0.070**	ug/L	U	SW8081A		J

Dissolved Metals

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic, dissolved	1	0.0016	0.0016	**0.0016**	mg/L	U	SW6010B		J
Barium, dissolved	1	0.00076	0.00076	**0.044**	mg/L		SW6010B		J
Beryllium, dissolved	1	0.000059	0.000059	**0.000059**	mg/L	U	SW6010B		J
Cadmium, dissolved	1	0.00036	0.00036	**0.00036**	mg/L	U	SW6010B		J
Chromium, dissolved	1	0.0010	0.0010	**0.0011**	mg/L	i	SW6010B		J
Cobalt, dissolved	1	0.00025	0.00025	**0.00025**	mg/L	U	SW6010B		J
Copper, dissolved	1	0.0011	0.0011	**0.0016**	mg/L	i	SW6010B		J
Iron, dissolved	1	0.019	0.019	**0.43**	mg/L		SW6010B		J

Client: Trail Rdge Landfill,Inc. **Report No.:** J033716

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 09:45

Lead, dissolved	1	0.00091	0.00091	**0.00091**	mg/L	U	SW6010B		J
Nickel, dissolved	1	0.00085	0.00085	**0.00085**	mg/L	U	SW6010B		J
Selenium, dissolved	1	0.0022	0.0022	**0.0092**	mg/L		SW6010B		J
Silver, dissolved	1	0.00017	0.00017	**0.00017**	mg/L	U	SW6010B		J
Sodium, dissolved	1	0.049	0.049	**6.1**	mg/L		SW6010B		J
Tin, dissolved	1	0.0040	0.0040	**0.0040**	mg/L	U	SW6010B		J
Vanadium, dissolved	1	0.00016	0.00016	**0.0047**	mg/L		SW6010B		J
Zinc, dissolved	1	0.0025	0.0025	**0.0045**	mg/L	i	SW6010B		J

Dissolved Metals (Hg)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury, dissolved	1	0.000018	0.000018	**0.000018**	mg/L	U	SW7470A		J

Dissolved Metals (Tl)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium, dissolved	1	0.00098	0.00098	**0.00098**	mg/L	U	SW7841		J

Ethylene Dibromide

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,2-Dibromo-3-chloropropane	1	0.0034	0.0034	**0.0034**	ug/L	U	E504.1		J
Ethylene Dibromide	1	0.0069	0.0069	**0.0069**	ug/L	U	E504.1		J

Field Parameters

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Color/Sheen	1			**Brn**			Field		
Conductivity	1			**90**	µmhos/cm		Field		
Dissolved Oxygen	1			**1.9**	mg/L O2		Field		
pH (Field)	1			**4.84**	pH Units		Field		
Temperature	1			**22**	°C		Field		
Turbidity	1			**30**	NTU		Field		

Miscellaneous Analytes

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Ammonia (as N)	5	0.019	0.096	**3.5**	mg/L		E350.1		T
Cyanide	1	0.0041	0.0041	**0.0041**	mg/L	U	SM4500CN-E		T
Nitrate (as N)	1	0.13	0.13	**0.13**	mg/L	U	SM4500NO3-F		J
Sulfide (as H2S)	5	0.0098	0.049	**0.25**	mg/L		SM4500SD		T
Total Chlorides	1	0.50	0.50	**6.1**	mg/L		E325.2		J
Total Dissolved Solids	1	10	10	**77**	mg/L		E160.1		J

PCBs

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
PCB-1016	1	0.098	0.098	**0.098**	ug/L	U	SW8082		J
PCB-1221	1	0.31	0.31	**0.31**	ug/L	U	SW8082		J
PCB-1232	1	0.20	0.20	**0.20**	ug/L	U	SW8082		J
PCB-1242	1	0.083	0.083	**0.083**	ug/L	U	SW8082		J
PCB-1248	1	0.054	0.054	**0.054**	ug/L	U	SW8082		J
PCB-1254	1	0.089	0.089	**0.089**	ug/L	U	SW8082		J
PCB-1260	1	0.11	0.11	**0.11**	ug/L	U	SW8082		

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033716

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 09:45

Total Metals

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic	1	0.0016	0.0016	**0.0016**	mg/L	U	SW6010B		J
Barium	1	0.00076	0.00076	**0.053**	mg/L		SW6010B		J
Beryllium	1	0.000059	0.000059	**0.000059**	mg/L	U	SW6010B		J
Cadmium	1	0.00036	0.00036	**0.00036**	mg/L	U	SW6010B		J
Chromium	1	0.0010	0.0010	**0.0020**	mg/L	i	SW6010B		J
Cobalt	1	0.00025	0.00025	**0.00034**	mg/L	i , V	SW6010B		J
Copper	1	0.0011	0.0011	**0.0012**	mg/L	i	SW6010B		J
Iron	1	0.019	0.019	**0.56**	mg/L		SW6010B		J
Lead	1	0.00091	0.00091	**0.0011**	mg/L	i	SW6010B		J
Nickel	1	0.00085	0.00085	**0.00085**	mg/L	U	SW6010B		J
Selenium	1	0.0022	0.0022	**0.0074**	mg/L	i	SW6010B		J
Silver	1	0.00017	0.00017	**0.00017**	mg/L	U	SW6010B		J
Sodium	1	0.049	0.049	**6.5**	mg/L		SW6010B		J
Tin	1	0.0040	0.0040	**0.0040**	mg/L	U	SW6010B		J
Vanadium	1	0.00016	0.00016	**0.0058**	mg/L		SW6010B		J
Zinc	1	0.0025	0.0025	**0.0025**	mg/L	U	SW6010B		J

Total Metals (Hg)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury	1	0.000018	0.000018	**0.000018**	mg/L	U	SW7470A		J

Total Metals (Sb)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Antimony	1	0.0034	0.0034	**0.0034**	mg/L	U	SW7041A		J

Total Metals (Tl)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium	1	0.00098	0.00098	**0.00098**	mg/L	U	SW7841		J

Surrogates:	Control Limits	% Recovery	Qual.	Method	Analysis Date	Prep Method	Prep Date	Analys
Tetrachloro-m-xylene	30 - 120	88		E504.1	7/3/2003	METHOD	7/3/2003 11:00:0	MP
Decachlorobiphenyl	30 - 120	104		SW8081A	7/18/2003	SW3510C	7/3/2003 09:00:0	MP
Tetrachloro-m-xylene	30 - 120	93		SW8081A	7/18/2003	SW3510C	7/3/2003 09:00:0	MP
Decachlorobiphenyl	30 - 120	104		SW8082	7/18/2003	SW3510C	7/3/2003 09:00:0	MP
Tetrachloro-m-xylene	30 - 120	93		SW8082	7/18/2003	SW3510C	7/3/2003 09:00:0	MP
1,2-Dichloroethane-d4	80 - 120	106		SW8260B	7/3/2003	SW5030B	7/3/2003 19:10:0	JA
4-Bromofluorobenzene	86 - 115	112		SW8260B	7/3/2003	SW5030B	7/3/2003 19:10:0	JA
Toluene d(8)	88 - 110	104		SW8260B	7/3/2003	SW5030B	7/3/2003 19:10:0	JA
2,4,6-Tribromophenol	15 - 112	85		SW8270C	7/8/2003	SW3510C	7/7/2003 09:00:0	ZP
2-Fluorobiphenyl	20 - 119	82		SW8270C	7/8/2003	SW3510C	7/7/2003 09:00:0	ZP
2-Fluorophenol	20 - 119	57		SW8270C	7/8/2003	SW3510C	7/7/2003 09:00:0	ZP
Nitrobenzene d5	23 - 120	81		SW8270C	7/8/2003	SW3510C	7/7/2003 09:00:0	ZP
p-Terphenyl-d14	18 - 137	113		SW8270C	7/8/2003	SW3510C	7/7/2003 09:00:0	ZP
Phenol-d6	18 - 121	61		SW8270C	7/8/2003	SW3510C	7/7/2003 09:00:0	ZP

AIC Alternate initial calibration criteria used (mean RSD <15%)

i The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U The compound was analyzed for but not detected.

V Indicates that the analyte was detected in both the sample and the associated method blank.

J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)

T DOH certification #E84589, Compqap #980174 (AEL-Tampa)

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033716

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 09:45

Lab Code: J033716-04 **Date/Time Sampled:** 7/1/2003 16:07

Client Sample ID: MWB-14S **SampleType:**

Site: Monitoring Well **Sampled By:** DSA/BR

Matrix: Water **Shipping Method:** Client drop off

Appendix II Base-Neutral/Acid Extractable Organic Compounds

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,2,4,5-Tetrachlorobenzene	1	2.5	2.5	**2.5**	ug/L	U	SW8270C		J
1,2,4-Trichlorobenzene	1	2.7	2.7	**2.7**	ug/L	U	SW8270C		J
1,3-Dinitrobenzene	1	1.8	1.8	**1.8**	ug/L	U , AIC	SW8270C		J
1,4-Naphthoquinone	1	1.3	1.3	**1.3**	ug/L	U	SW8270C		J
1-Naphthylamine	1	0.98	0.98	**0.98**	ug/L	U	SW8270C		J
2,3,4,6-Tetrachlorophenol	1	3.0	3.0	**3.0**	ug/L	U	SW8270C		J
2,4,5-Trichlorophenol	1	3.5	3.5	**3.5**	ug/L	U	SW8270C		J
2,4,6-Trichlorophenol	1	2.2	2.2	**2.2**	ug/L	U	SW8270C		J
2,4-Dichlorophenol	1	2.2	2.2	**2.2**	ug/L	U	SW8270C		J
2,4-Dimethylphenol	1	1.9	1.9	**1.9**	ug/L	U	SW8270C		J
2,4-Dinitrophenol	1	4.6	4.6	**4.6**	ug/L	U , AIC	SW8270C		J
2,4-Dinitrotoluene	1	0.94	0.94	**0.94**	ug/L	U , AIC	SW8270C		J
2,6-Dichlorophenol	1	2.2	2.2	**2.2**	ug/L	U	SW8270C		J
2,6-Dinitrotoluene	1	2.1	2.1	**2.1**	ug/L	U	SW8270C		J
2-Acetylaminofluorene	1	0.95	0.95	**0.95**	ug/L	U	SW8270C		J
2-Chloronaphthalene	1	2.0	2.0	**2.0**	ug/L	U	SW8270C		J
2-Chlorophenol	1	2.7	2.7	**2.7**	ug/L	U	SW8270C		J
2-Methylnaphthalene	1	1.2	1.2	**1.2**	ug/L	U	SW8270C		J
2-Methylphenol	1	2.3	2.3	**2.3**	ug/L	U	SW8270C		J
2-Naphthylamine	1	1.3	1.3	**1.3**	ug/L	U	SW8270C		J
2-Nitroaniline	1	0.78	0.78	**0.78**	ug/L	U	SW8270C		J
2-Nitrophenol	1	3.0	3.0	**3.0**	ug/L	U	SW8270C		J
3,3`-Dichlorobenzidine	1	1.0	1.0	**1.0**	ug/L	U	SW8270C		J
3,3`-Dimethylbenzidine	1	6.1	6.1	**6.1**	ug/L	U , AIC	SW8270C		J
3-Methylcholanthrene	1	1.3	1.3	**1.3**	ug/L	U	SW8270C		J
3-Nitroaniline	1	1.5	1.5	**1.5**	ug/L	U	SW8270C		J
4,6-Dinitro-2-methylphenol	1	3.7	3.7	**3.7**	ug/L	U , AIC	SW8270C		J
4-Aminobiphenyl	1	1.2	1.2	**1.2**	ug/L	U	SW8270C		J
4-Bromophenyl phenyl ether	1	2.3	2.3	**2.3**	ug/L	U	SW8270C		J
4-Chloro-3-methylphenol	1	2.6	2.6	**2.6**	ug/L	U	SW8270C		J
4-Chloroaniline	1	1.4	1.4	**1.4**	ug/L	U	SW8270C		J
4-Chlorophenyl Phenyl Ether	1	2.8	2.8	**2.8**	ug/L	U	SW8270C		J
4-Nitroaniline	1	0.63	0.63	**0.63**	ug/L	U	SW8270C		J
4-Nitrophenol	1	1.7	1.7	**1.7**	ug/L	U	SW8270C		J
5-Nitro-o-toluidine	1	1.0	1.0	**1.0**	ug/L	U	SW8270C		J
7,12-Dimethylbenz(a)anthracene	1	1.3	1.3	**1.3**	ug/L	U	SW8270C		J
Acenaphthene	1	1.7	1.7	**1.7**	ug/L	U	SW8270C		J
Acenaphthylene	1	1.6	1.6	**1.6**	ug/L	U	SW8270C		J
Acetophenone	1	0.86	0.86	**0.86**	ug/L	U	SW8270C		J
Anthracene	1	1.3	1.3	**1.3**	ug/L	U	SW8270C		J
Aramite	1	1.5	1.5	**1.5**	ug/L	U	SW8270C		J
Benzo(a)anthracene	1	1.4	1.4	**1.4**	ug/L	U	SW8270C		J
Benzo(a)pyrene	1	1.1	1.1	**1.1**	ug/L	U	SW8270C		J
Benzo(b)fluoranthene	1	1.5	1.5	**1.5**	ug/L	U	SW8270C		J
Benzo(g,h,i)perylene	1	1.1	1.1	**1.1**	ug/L	U	SW8270C		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033716

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 09:45

Benzo(k)fluoranthene	1	1.8	1.8	**1.8**	ug/L	U		SW8270C	J
Benzyl Alcohol	1	1.4	1.4	**1.4**	ug/L	U		SW8270C	J
Bis(2-chloroethoxy)methane	1	2.4	2.4	**2.4**	ug/L	U		SW8270C	J
Bis(2-chloroethyl) Ether	1	1.3	1.3	**1.3**	ug/L	U		SW8270C	J
Bis(2-chloroisopropyl) Ether	1	2.0	2.0	**2.0**	ug/L	U		SW8270C	J
Bis(2-ethylhexyl)phthalate	1	0.74	0.74	**0.74**	ug/L	U		SW8270C	J
Chlorobenzilate	1	1.4	1.4	**1.4**	ug/L	U		SW8270C	J
Chrysene	1	1.7	1.7	**1.7**	ug/L	U		SW8270C	J
Di-n-butyl Phthalate	1	0.75	0.75	**0.75**	ug/L	U		SW8270C	J
Di-n-octyl Phthalate	1	0.82	0.82	**0.82**	ug/L	U		SW8270C	J
Diallate	1	0.75	0.75	**0.75**	ug/L	U		SW8270C	J
Dibenz(a,h)anthracene	1	1.2	1.2	**1.2**	ug/L	U		SW8270C	J
Dibenzofuran	1	1.4	1.4	**1.4**	ug/L	U		SW8270C	J
Diethyl Phthalate	1	1.4	1.4	**1.4**	ug/L	U		SW8270C	J
Dimethoate	1	0.58	0.58	**0.58**	ug/L	U		SW8270C	J
Dimethyl Phthalate	1	1.3	1.3	**1.3**	ug/L	U		SW8270C	J
Dinoseb	1	1.7	1.7	**1.7**	ug/L	U	, AIC	SW8270C	J
Diphenylamine	1	1.8	1.8	**1.8**	ug/L	U		SW8270C	J
Disulfoton	1	0.77	0.77	**0.77**	ug/L	U		SW8270C	J
Ethyl Methanesulfonate	1	1.2	1.2	**1.2**	ug/L	U		SW8270C	J
Famphur	1	56	56	**56**	ug/L	U		SW8270C	J
Fluoranthene	1	1.6	1.6	**1.6**	ug/L	U		SW8270C	J
Fluorene	1	1.5	1.5	**1.5**	ug/L	U		SW8270C	J
Hexachlorobenzene	1	1.8	1.8	**1.8**	ug/L	U		SW8270C	J
Hexachlorobutadiene	1	2.1	2.1	**2.1**	ug/L	U		SW8270C	J
Hexachlorocyclopentadiene	1	0.92	0.92	**0.92**	ug/L	U		SW8270C	J
Hexachloroethane	1	2.8	2.8	**2.8**	ug/L	U		SW8270C	J
Hexachloropropene	1	1.1	1.1	**1.1**	ug/L	U		SW8270C	J
Indeno(1,2,3-cd)pyrene	1	1.6	1.6	**1.6**	ug/L	U		SW8270C	J
Isodrin	1	1.4	1.4	**1.4**	ug/L	U		SW8270C	J
Isophorone	1	1.3	1.3	**1.3**	ug/L	U		SW8270C	J
Isosafrole	1	1.5	1.5	**1.5**	ug/L	U		SW8270C	J
Kepone	1	74	74	**74**	ug/L	U		SW8270C	J
Methapyrilene	1	0.92	0.92	**0.92**	ug/L	U		SW8270C	J
Methyl Methanesulfonate	1	1.3	1.3	**1.3**	ug/L	U		SW8270C	J
Methyl Parathion	1	0.54	0.54	**0.54**	ug/L	U		SW8270C	J
N-Nitroso-di-n-butylamine	1	1.7	1.7	**1.7**	ug/L	U		SW8270C	J
N-nitrosodiethylamine	1	1.7	1.7	**1.7**	ug/L	U		SW8270C	J
N-Nitrosodimethylamine	1	1.5	1.5	**1.5**	ug/L	U		SW8270C	J
N-Nitrosodiphenylamine	1	1.7	1.7	**1.7**	ug/L	U		SW8270C	J
N-nitrosomethylethylamine	1	2.1	2.1	**2.1**	ug/L	U		SW8270C	J
N-Nitrosopiperidine	1	1.5	1.5	**1.5**	ug/L	U		SW8270C	J
N-nitrosopyrrolidine	1	1.1	1.1	**1.1**	ug/L	U		SW8270C	J
Nitrobenzene	1	1.0	1.0	**1.0**	ug/L	U		SW8270C	J
O,O,O-Triethyl phosphorothioate	1	1.2	1.2	**1.2**	ug/L	U		SW8270C	J
o-Toluidine	1	1.3	1.3	**1.3**	ug/L	U		SW8270C	J
p-Dimethylaminoazobenzene	1	0.82	0.82	**0.82**	ug/L	U		SW8270C	J
p-Phenylenediamine	1	8.2	8.2	**8.2**	ug/L	U		SW8270C	J
Parathion	1	13	13	**13**	ug/L	U		SW8270C	J
Pentachlorobenzene	1	2.7	2.7	**2.7**	ug/L	U		SW8270C	J
Pentachloronitrobenzene	1	2.8	2.8	**2.8**	ug/L	U		SW8270C	J
Pentachlorophenol	1	3.2	3.2	**3.2**	ug/L	U		SW8270C	J
Phenacetin	1	1.2	1.2	**1.2**	ug/L	U		SW8270C	J
Phenanthrene	1	1.4	1.4	**1.4**	ug/L	U		SW8270C	J

Client: Trail Rdge Landfill,Inc. **Report No.:** J033716

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 09:45

Phenol	1	1.4	1.4	1.4	ug/L	U	SW8270C		J
Phorate	1	1.1	1.1	1.1	ug/L	U	SW8270C		J
Pronamide	1	1.2	1.2	1.2	ug/L	U	SW8270C		J
Pyrene	1	0.88	0.88	0.88	ug/L	U	SW8270C		J
Safrole	1	1.0	1.0	1.0	ug/L	U	SW8270C		J
sym-Trinitrobenzene	1	1.0	1.0	1.0	ug/L	U , AIC	SW8270C		J
Thionazin	1	0.58	0.58	0.58	ug/L	U	SW8270C		J

Appendix II Volatile Organic Compounds

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,1,1,2-Tetrachloroethane	1	0.27	0.27	0.27	ug/L	U	SW8260B		J
1,1,1-Trichloroethane	1	0.39	0.39	0.39	ug/L	U	SW8260B		J
1,1,2,2-Tetrachloroethane	1	0.19	0.19	0.19	ug/L	U	SW8260B		J
1,1,2-Trichloroethane	1	0.34	0.34	0.34	ug/L	U	SW8260B		J
1,1-Dichloroethane	1	0.36	0.36	0.36	ug/L	U	SW8260B		J
1,1-Dichloroethene	1	0.50	0.50	0.50	ug/L	U	SW8260B		J
1,1-Dichloropropene	1	0.39	0.39	0.39	ug/L	U	SW8260B		J
1,2,3-Trichloropropane	1	0.33	0.33	0.33	ug/L	U	SW8260B		J
1,2-Dibromo-3-chloropropane	1	0.55	0.55	0.55	ug/L	U	SW8260B		J
1,2-Dibromoethane	1	0.25	0.25	0.25	ug/L	U	SW8260B		J
1,2-Dichlorobenzene	1	0.28	0.28	0.28	ug/L	U	SW8260B		J
1,2-Dichloroethane	1	0.36	0.36	0.36	ug/L	U	SW8260B		J
1,2-Dichloropropane	1	0.30	0.30	0.30	ug/L	U	SW8260B		J
1,3-Dichlorobenzene	1	0.26	0.26	0.26	ug/L	U	SW8260B		J
1,3-Dichloropropane	1	0.26	0.26	0.26	ug/L	U	SW8260B		J
1,4-Dichlorobenzene	1	0.30	0.30	0.30	ug/L	U	SW8260B		J
2,2-Dichloropropane	1	0.39	0.39	0.39	ug/L	U	SW8260B		J
2-Hexanone (MBK)	1	0.27	0.27	0.27	ug/L	U	SW8260B		J
4-Methyl-2-pentanone (MIBK)	1	0.35	0.35	0.35	ug/L	U	SW8260B		J
Acetone	1	0.71	0.71	0.71	ug/L	U	SW8260B	AIC	J
Acrolein	1	2.8	2.8	2.8	ug/L	U	SW8260B		J
Acrylonitrile	1	1.6	1.6	1.6	ug/L	U	SW8260B		J
Allyl Chloride	1	0.83	0.83	0.83	ug/L	U	SW8260B		J
Benzene	1	0.30	0.30	0.30	ug/L	U	SW8260B		J
Bromochloromethane	1	0.39	0.39	0.39	ug/L	U	SW8260B		J
Bromodichloromethane	1	0.29	0.29	0.29	ug/L	U	SW8260B		J
Bromoform	1	0.25	0.25	0.25	ug/L	U	SW8260B	AIC	J
Bromomethane	1	0.47	0.47	0.47	ug/L	U	SW8260B		J
Carbon Disulfide	1	0.41	0.41	0.41	ug/L	U	SW8260B		J
Carbon Tetrachloride	1	0.39	0.39	0.39	ug/L	U	SW8260B		J
Chlorobenzene	1	0.31	0.31	0.31	ug/L	U	SW8260B		J
Chloroethane	1	0.47	0.47	0.47	ug/L	U	SW8260B	AIC	J
Chloroform	1	0.41	0.41	0.41	ug/L	U	SW8260B		J
Chloromethane	1	0.43	0.43	0.43	ug/L	U	SW8260B		J
Chloroprene	1	0.28	0.28	0.28	ug/L	U	SW8260B		J
Cis-1,2-dichloroethene	1	0.39	0.39	0.39	ug/L	U	SW8260B		J
Cis-1,3-dichloropropene	1	0.27	0.27	0.27	ug/L	U	SW8260B		J
Dibromochloromethane	1	0.25	0.25	0.25	ug/L	U	SW8260B		J
Dibromomethane	1	0.34	0.34	0.34	ug/L	U	SW8260B		J
Dichlorodifluoromethane	1	0.51	0.51	0.51	ug/L	U	SW8260B		J
Ethylbenzene	1	0.27	0.27	0.27	ug/L	U	SW8260B		J
Ethylmethacrylate	1	0.43	0.43	0.43	ug/L	U	SW8260B		J
Iodomethane	1	0.40	0.40	0.40	ug/L	U	SW8260B	AIC	J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033716

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 09:45

Isobutyl Alcohol	1	16	16	**16**	ug/L	U	SW8260B	J
m&p-Xylenes	1	0.61	0.61	**0.61**	ug/L	U	SW8260B	J
Methacrylonitrile	1	5.7	5.7	**5.7**	ug/L	U	SW8260B	J
Methyl ethyl ketone	1	0.25	0.25	**0.25**	ug/L	U	SW8260B	J
Methyl Methacrylate	1	0.38	0.38	**0.38**	ug/L	U	SW8260B	J
Methylene Chloride	1	0.21	0.21	**0.21**	ug/L	U	SW8260B	J
Naphthalene	1	0.24	0.24	**0.24**	ug/L	U	SW8260B	J
o-Xylene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B	J
Propionitrile (ethyl cyanide)	1	5.9	5.9	**5.9**	ug/L	U	SW8260B	J
Styrene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B	J
Tetrachloroethene	1	0.43	0.43	**0.43**	ug/L	U	SW8260B	J
Toluene	1	0.29	0.29	**0.29**	ug/L	U	SW8260B	J
Trans-1,2-dichloroethene	1	0.50	0.50	**0.50**	ug/L	U	SW8260B	J
Trans-1,3-dichloropropene	1	0.25	0.25	**0.25**	ug/L	U	SW8260B	J
Trans-1,4-dichloro-2-butene	1	0.52	0.52	**0.52**	ug/L	U	SW8260B	J
Trichloroethene	1	0.43	0.43	**0.43**	ug/L	U	SW8260B	J
Trichlorofluoromethane	1	0.50	0.50	**0.50**	ug/L	U	SW8260B	J
Vinyl Acetate	1	0.31	0.31	**0.31**	ug/L	U	SW8260B	J
Vinyl Chloride	1	0.49	0.49	**0.49**	ug/L	U	SW8260B	J

Chlorinated Pesticides

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
4,4`-DDD	1	0.0080	0.0080	**0.0080**	ug/L	U	SW8081A		J
4,4`-DDE	1	0.016	0.016	**0.016**	ug/L	U	SW8081A		J
4,4`-DDT	1	0.013	0.013	**0.013**	ug/L	U	SW8081A		J
Aldrin	1	0.0050	0.0050	**0.0050**	ug/L	U	SW8081A		J
Alpha-BHC	1	0.0060	0.0060	**0.0060**	ug/L	U	SW8081A		J
Beta-BHC	1	0.0050	0.0050	**0.0050**	ug/L	U	SW8081A		J
Chlordane	1	0.20	0.20	**0.20**	ug/L	U	SW8081A		J
Delta-BHC	1	0.017	0.017	**0.017**	ug/L	U	SW8081A		J
Dieldrin	1	0.0090	0.0090	**0.0090**	ug/L	U	SW8081A		J
Endosulfan I	1	0.016	0.016	**0.016**	ug/L	U	SW8081A		J
Endosulfan II	1	0.013	0.013	**0.013**	ug/L	U	SW8081A		J
Endosulfan Sulfate	1	0.0060	0.0060	**0.0060**	ug/L	U	SW8081A		J
Endrin	1	0.014	0.014	**0.014**	ug/L	U	SW8081A		J
Endrin Aldehyde	1	0.012	0.012	**0.012**	ug/L	U	SW8081A		J
Gamma-BHC (Lindane)	1	0.0060	0.0060	**0.0060**	ug/L	U	SW8081A		J
Heptachlor	1	0.0090	0.0090	**0.0090**	ug/L	U	SW8081A		J
Heptachlor Epoxide	1	0.013	0.013	**0.013**	ug/L	U	SW8081A		J
Methoxychlor	1	0.014	0.014	**0.014**	ug/L	U	SW8081A		J
Toxaphene	1	0.070	0.070	**0.070**	ug/L	U	SW8081A		J

Ethylene Dibromide

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,2-Dibromo-3-chloropropane	1	0.0034	0.0034	**0.0034**	ug/L	U	E504.1		J
Ethylene Dibromide	1	0.0069	0.0069	**0.0069**	ug/L	U	E504.1		J

Field Parameters

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Color/Sheen	1			None			Field		
Conductivity	1			**75**	µmhos/cm		Field		
Dissolved Oxygen	1			**1.5**	mg/L O2		Field		
pH (Field)	1			**4.92**	pH Units		Field		

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033716

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 09:45

Temperature	1	**23**	°C	Field	
Turbidity	1	**5.8**	NTU	Field	

Miscellaneous Analytes

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Ammonia (as N)	1	0.019	0.019	**0.019**	mg/L	U	E350.1		*T*
Cyanide	1	0.0041	0.0041	**0.0041**	mg/L	U	SM4500CN-E		*T*
Nitrate (as N)	1	0.13	0.13	**0.22**	mg/L	i	SM4500NO3-F		*J*
Sulfide (as H2S)	5	0.0098	0.049	**0.050**	mg/L	U	SM4500SD		*T*
Total Chlorides	1	0.50	0.50	**0.50**	mg/L	U	E325.2		*J*
Total Dissolved Solids	1	10	10	**59**	mg/L		E160.1		*J*

PCBs

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
PCB-1016	1	0.098	0.098	**0.098**	ug/L	U	SW8082		*J*
PCB-1221	1	0.31	0.31	**0.31**	ug/L	U	SW8082		*J*
PCB-1232	1	0.20	0.20	**0.20**	ug/L	U	SW8082		*J*
PCB-1242	1	0.083	0.083	**0.083**	ug/L	U	SW8082		*J*
PCB-1248	1	0.054	0.054	**0.054**	ug/L	U	SW8082		*J*
PCB-1254	1	0.089	0.089	**0.089**	ug/L	U	SW8082		*J*
PCB-1260	1	0.11	0.11	**0.11**	ug/L	U	SW8082		*J*

Total Metals

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic	1	0.0016	0.0016	**0.0016**	mg/L	U	SW6010B		*J*
Barium	1	0.00076	0.00076	**0.0096**	mg/L		SW6010B		*J*
Beryllium	1	0.000059	0.000059	**0.000059**	mg/L	U	SW6010B		*J*
Cadmium	1	0.00036	0.00036	**0.00036**	mg/L	U	SW6010B		*J*
Chromium	1	0.0010	0.0010	**0.0010**	mg/L	U	SW6010B		*J*
Cobalt	1	0.00025	0.00025	**0.00025**	mg/L	U	SW6010B		*J*
Copper	1	0.0011	0.0011	**0.0012**	mg/L	i	SW6010B		*J*
Iron	1	0.019	0.019	**0.030**	mg/L	i	SW6010B		*J*
Lead	1	0.00091	0.00091	**0.0022**	mg/L	i	SW6010B		*J*
Nickel	1	0.00085	0.00085	**0.0020**	mg/L	i	SW6010B		*J*
Selenium	1	0.0022	0.0022	**0.016**	mg/L		SW6010B		*J*
Silver	1	0.00017	0.00017	**0.00017**	mg/L	U	SW6010B		*J*
Sodium	1	0.049	0.049	**3.9**	mg/L		SW6010B		*J*
Tin	1	0.0040	0.0040	**0.0040**	mg/L	U	SW6010B		*J*
Vanadium	1	0.00016	0.00016	**0.017**	mg/L		SW6010B		*J*
Zinc	1	0.0025	0.0025	**0.0025**	mg/L	U	SW6010B		*J*

Total Metals (Hg)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury	1	0.000018	0.000018	**0.000018**	mg/L	U	SW7470A		*J*

Total Metals (Sb)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Antimony	1	0.0034	0.0034	**0.0034**	mg/L	U	SW7041A		*J*

Total Metals (Tl)

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Thallium	1	0.00098	0.00098	**0.00098**	mg/L	U	SW7841		*J*

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033716

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 09:45

Surrogates:	Control Limits	% Recovery	Qual.	Method	Analysis Date	Prep Method	Prep Date	Analys
Tetrachloro-m-xylene	30 - 120	116		E504.1	7/3/2003	METHOD	7/3/2003 11:00:0	MP
Decachlorobiphenyl	30 - 120	109		SW8081A	7/18/2003	SW3510C	7/3/2003 09:00:0	MP
Tetrachloro-m-xylene	30 - 120	77		SW8081A	7/18/2003	SW3510C	7/3/2003 09:00:0	MP
Decachlorobiphenyl	30 - 120	109		SW8082	7/18/2003	SW3510C	7/3/2003 09:00:0	MP
Tetrachloro-m-xylene	30 - 120	77		SW8082	7/18/2003	SW3510C	7/3/2003 09:00:0	MP
1,2-Dichloroethane-d4	80 - 120	108		SW8260B	7/3/2003	SW5030B	7/3/2003 19:10:0	JA
4-Bromofluorobenzene	86 - 115	114		SW8260B	7/3/2003	SW5030B	7/3/2003 19:10:0	JA
Toluene d(8)	88 - 110	104		SW8260B	7/3/2003	SW5030B	7/3/2003 19:10:0	JA
2,4,6-Tribromophenol	15 - 112	92		SW8270C	7/9/2003	SW3510C	7/7/2003 09:00:0	ZP
2-Fluorobiphenyl	20 - 119	89		SW8270C	7/9/2003	SW3510C	7/7/2003 09:00:0	ZP
2-Fluorophenol	20 - 119	58		SW8270C	7/9/2003	SW3510C	7/7/2003 09:00:0	ZP
Nitrobenzene d5	23 - 120	89		SW8270C	7/9/2003	SW3510C	7/7/2003 09:00:0	ZP
p-Terphenyl-d14	18 - 137	112		SW8270C	7/9/2003	SW3510C	7/7/2003 09:00:0	ZP
Phenol-d6	18 - 121	61		SW8270C	7/9/2003	SW3510C	7/7/2003 09:00:0	ZP

AIC Alternate initial calibration criteria used (mean RSD <15%)

i The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U The compound was analyzed for but not detected.

J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)

T DOH certification #E84589, Compqap #980174 (AEL-Tampa)

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033716

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 09:45

Sample Cross Reference Information

Lab Code: J033716-01 **Site: Monitoring Well**

Client Sample Number: MWB-34S **Matrix: Water**

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time	Analyst	Prep Batch ID	Prep Date/Time
Ammonia (as N)	E350.1	NONE	wct071403nh32	7/14/2003 12:00	DLS		
Appendix II Base-Neutral/Acid Extractable Or	SW8270C	SW3510C	sv070803l	7/8/2003 11:36	ZP	SV070703-BNA	7/7/2003 09:00:0
Appendix II Volatile Organic Compounds	SW8260B	SW5030B	v070303a	7/3/2003 19:10	JA	v070303a	7/3/2003 19:10:0
Chlorinated Pesticides	SW8081A	SW3510C	sv071803-pest	7/18/2003 05:04	MP	SV070303-608	7/3/2003 09:00:0
Cyanide	SM4500CN-E	NONE	wct071003cn1	7/10/2003 09:00	JH		
Ethylene Dibromide	E504.1	METHOD	sv070303f-edb	7/3/2003 00:13	MP	SV070303-EDB	7/3/2003 11:00:0
Nitrate (as N)	SM4500NO3-F	NONE	WCJ-070203-NIT2	7/2/2003 14:56	KDC		
PCBs	SW8082	SW3510C	sv071803-pcb	7/18/2003 05:04	MP	SV070303-608	7/3/2003 09:00:0
Sulfide (as H2S)	SM4500SD	NONE	WCT070803H2S2	7/8/2003 08:00	JH		
Total Chlorides	E325.2	NONE	WCJ-070703-CL1	7/7/2003 14:16	KDC		
Total Dissolved Solids	E160.1	NONE	WCJ-070803-TDS2	7/8/2003 10:35	AGF		
Total Metals	SW6010B	SW3010A	M070203-3010 #3	7/3/2003 18:38	KC	M070203-3010 #3	7/2/2003 14:16:0
Total Metals (Hg)	SW7470A	METHOD	M070803-HG #1	7/8/2003 09:13	TP	M070803-HG #1	7/8/2003 04:30:0
Total Metals (Sb)	SW7041A	SW3020A	M070203-3020SB3	7/8/2003 13:29	KC	M070203-3020 #3	7/2/2003 14:22:0
Total Metals (Tl)	SW7841	SW3020A	M070203-3020TL3	7/3/2003 12:50	KC	M070203-3020 #3	7/2/2003 14:22:0

Lab Code: J033716-02 **Site: Monitoring Well**

Client Sample Number: MWB-2S **Matrix: Water**

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time	Analyst	Prep Batch ID	Prep Date/Time
Ammonia (as N)	E350.1	NONE	wct071403nh31	7/14/2003 12:00	DLS		
Appendix II Base-Neutral/Acid Extractable Or	SW8270C	SW3510C	sv070803l	7/8/2003 11:36	ZP	SV070703-BNA	7/7/2003 09:00:
Appendix II Volatile Organic Compounds	SW8260B	SW5030B	v070303a	7/3/2003 19:10	JA	v070303a	7/3/2003 19:10:0
Chlorinated Pesticides	SW8081A	SW3510C	sv071803-pest	7/18/2003 05:04	MP	SV070303-608	7/3/2003 09:00:0
Cyanide	SM4500CN-E	NONE	wct071003cn1	7/10/2003 09:00	JH		
Ethylene Dibromide	E504.1	METHOD	sv070303f-edb	7/3/2003 00:13	MP	SV070303-EDB	7/3/2003 11:00:0
Nitrate (as N)	SM4500NO3-F	NONE	WCJ-070203-NIT2	7/2/2003 14:56	KDC		
PCBs	SW8082	SW3510C	sv071803-pcb	7/18/2003 05:04	MP	SV070303-608	7/3/2003 09:00:0
Sulfide (as H2S)	SM4500SD	NONE	WCT070803H2S2	7/8/2003 08:00	JH		
Total Chlorides	E325.2	NONE	WCJ-070703-CL1	7/7/2003 14:16	KDC		
Total Dissolved Solids	E160.1	NONE	WCJ-070803-TDS2	7/8/2003 10:35	AGF		
Total Metals	SW6010B	SW3010A	M070203-3010 #3	7/3/2003 18:38	KC	M070203-3010 #3	7/2/2003 14:16:0
Total Metals (Hg)	SW7470A	METHOD	M070803-HG #1	7/8/2003 09:13	TP	M070803-HG #1	7/8/2003 04:30:0
Total Metals (Sb)	SW7041A	SW3020A	M070203-3020SB3	7/8/2003 13:29	KC	M070203-3020 #3	7/2/2003 14:22:0
Total Metals (Tl)	SW7841	SW3020A	M070203-3020TL3	7/3/2003 12:50	KC	M070203-3020 #3	7/2/2003 14:22:0

Lab Code: J033716-03 **Site: Monitoring Well**

Client Sample Number: MWB-23S **Matrix: Water**

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time	Analyst	Prep Batch ID	Prep Date/Time
Ammonia (as N)	E350.1	NONE	wct070803nh33	7/8/2003 12:00	DLS		
Appendix II Base-Neutral/Acid Extractable Or	SW8270C	SW3510C	sv070803l	7/8/2003 11:36	ZP	SV070703-BNA	7/7/2003 09:00:0
Appendix II Volatile Organic Compounds	SW8260B	SW5030B	v070303a	7/3/2003 19:10	JA	v070303a	7/3/2003 19:10:0
Chlorinated Pesticides	SW8081A	SW3510C	sv071803-pest	7/18/2003 05:04	MP	SV070303-608	7/3/2003 09:00:0
Cyanide	SM4500CN-E	NONE	wct071003cn1	7/10/2003 09:00	JH		
Dissolved Metals	SW6010B	SW3005A	M070203-3010 #3	7/3/2003 18:38	KC	M070203-3010 #3	7/2/2003 14:16:0
Dissolved Metals (Hg)	SW7470A	METHOD	M070803-HG #1	7/8/2003 09:13	TP	M070803-HG #1	7/8/2003 04:30:0
Dissolved Metals (Sb)	SW7041A	SW3005A	M070203-3020SB3	7/8/2003 13:29	KC	M070203-3020 #3	7/2/2003 14:22:0
Dissolved Metals (Tl)	SW7841	SW3005A	M070203-3020TL3	7/3/2003 12:50	KC	M070203-3020 #3	7/2/2003 14:22:0
Ethylene Dibromide	E504.1	METHOD	sv070303f-edb	7/3/2003 00:13	MP	SV070303-EDB	7/3/2003 11:00:0
Nitrate (as N)	SM4500NO3-F	NONE	WCJ-070203-NIT2	7/2/2003 14:56	KDC		
PCBs	SW8082	SW3510C	sv071803-pcb	7/18/2003 05:04	MP	SV070303-608	7/3/2003 09:00:0
Sulfide (as H2S)	SM4500SD	NONE	WCT070803H2S2	7/8/2003 08:00	JH		
Total Chlorides	E325.2	NONE	WCJ-070703-CL1	7/7/2003 14:16	KDC		
Total Dissolved Solids	E160.1	NONE	WCJ-070803-TDS2	7/8/2003 10:35	AGF		
Total Metals	SW6010B	SW3010A	M070203-3010 #3	7/3/2003 18:38	KC	M070203-3010 #3	7/2/2003 14:16:0
Total Metals (Hg)	SW7470A	METHOD	M070803-HG #1	7/8/2003 09:13	TP	M070803-HG #1	7/8/2003 04:30:0
Total Metals (Sb)	SW7041A	SW3020A	M070203-3020SB3	7/8/2003 13:29	KC	M070203-3020 #3	7/2/2003 14:22:0
Total Metals (Tl)	SW7841	SW3020A	M070203-3020TL3	7/3/2003 12:50	KC	M070203-3020 #3	7/2/2003 14:22:0

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033716

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 09:45

Lab Code: J033716-04 **Site: Monitoring Well**

Client Sample Number: MWB-14S **Matrix: Water**

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time		Analyst	Prep Batch ID	Prep Date/Time
Ammonia (as N)	E350.1	NONE	wct070803nh33	7/8/2003	13:20	DLS		
Appendix II Base-Neutral/Acid Extractable Or	SW8270C	SW3510C	sv070803l2	7/9/2003	11:36	ZP	SV070703-BNA	7/7/2003 09:00:0
Appendix II Volatile Organic Compounds	SW8260B	SW5030B	v070303a	7/3/2003	19:10	JA	v070303a	7/3/2003 19:10:0
Chlorinated Pesticides	SW8081A	SW3510C	sv071803-pest	7/18/2003	05:04	MP	SV070303-608	7/3/2003 09:00:0
Cyanide	SM4500CN-E	NONE	wct071003cn1	7/10/2003	09:00	JH		
Ethylene Dibromide	E504.1	METHOD	sv070303f-edb	7/3/2003	00:13	MP	SV070303-EDB	7/3/2003 11:00:0
Nitrate (as N)	SM4500NO3-F	NONE	WCJ-070203-NIT2	7/2/2003	14:56	KDC		
PCBs	SW8082	SW3510C	sv071803-pcb	7/18/2003	05:04	MP	SV070303-608	7/3/2003 09:00:0
Sulfide (as H2S)	SM4500SD	NONE	WCT070803H2S2	7/8/2003	08:00	JH		
Total Chlorides	E325.2	NONE	WCJ-070703-CL1	7/7/2003	14:16	KDC		
Total Dissolved Solids	E160.1	NONE	WCJ-070803-TDS2	7/8/2003	10:35	AGF		
Total Metals	SW6010B	SW3010A	M070203-3010 #3	7/3/2003	18:38	KC	M070203-3010 #3	7/2/2003 14:16:0
Total Metals (Hg)	SW7470A	METHOD	M070803-HG #1	7/8/2003	09:13	TP	M070803-HG #1	7/8/2003 04:30:0
Total Metals (Sb)	SW7041A	SW3020A	M070203-3020SB3	7/8/2003	13:29	KC	M070203-3020 #3	7/2/2003 14:22:0
Total Metals (Tl)	SW7841	SW3020A	M070203-3020TL3	7/3/2003	12:50	KC	M070203-3020 #3	7/2/2003 14:22:0

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033716

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 09:45

Quality Assurance Report

Method Blanks

Total Metals

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
M070203-3010 #3	Arsenic	Method Blank	SW6010B	0.0016	0.0016	mg/L	U
M070203-3010 #3	Barium	Method Blank	SW6010B	0.00076	0.00076	mg/L	U
M070203-3010 #3	Beryllium	Method Blank	SW6010B	0.000059	0.000059	mg/L	U
M070203-3010 #3	Cadmium	Method Blank	SW6010B	0.00036	0.00036	mg/L	U
M070203-3010 #3	Chromium	Method Blank	SW6010B	0.0010	0.0010	mg/L	U
M070203-3010 #3	Cobalt	Method Blank	SW6010B	0.00025	0.00034	mg/L	I
M070203-3010 #3	Copper	Method Blank	SW6010B	0.0011	0.0011	mg/L	U
M070203-3010 #3	Iron	Method Blank	SW6010B	0.019	0.019	mg/L	U
M070203-3010 #3	Lead	Method Blank	SW6010B	0.00091	0.00091	mg/L	U
M070203-3010 #3	Nickel	Method Blank	SW6010B	0.00085	0.00085	mg/L	U
M070203-3010 #3	Selenium	Method Blank	SW6010B	0.0022	0.0022	mg/L	U
M070203-3010 #3	Silver	Method Blank	SW6010B	0.00017	0.00017	mg/L	U
M070203-3010 #3	Sodium	Method Blank	SW6010B	0.049	0.049	mg/L	U
M070203-3010 #3	Tin	Method Blank	SW6010B	0.0040	0.0040	mg/L	U
M070203-3010 #3	Vanadium	Method Blank	SW6010B	0.00016	0.00016	mg/L	U
M070203-3010 #3	Zinc	Method Blank	SW6010B	0.0025	0.0025	mg/L	U

Total Metals (Sb)

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
M070203-3020SB	Antimony	Method Blank	SW7041A	0.0034	0.0034	mg/L	U

Total Metals (Tl)

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
M070203-3020TL	Thallium	Method Blank	SW7841	0.00098	0.00098	mg/L	U

Total Metals (Hg)

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
M070803-HG #1	Mercury	Method Blank	SW7470A	0.000018	0.000018	mg/L	U

Ethylene Dibromide

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
sv070303f-edb	1,2-Dibromo-3-chloropropane	Method Blank	E504.1	0.0034	0.0034	ug/L	U
sv070303f-edb	Ethylene Dibromide	Method Blank	E504.1	0.0069	0.0069	ug/L	U

Surrogate(s)	Result	Units	% Recovery	Qualifier	Acceptance Limits
Tetrachloro-m-xylene		ug/L			30 - 120

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033716

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 09:45

Appendix II Base-Neutral/Acid Extractable Organic Compounds

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
sv070803l	1,2,4,5-Tetrachlorobenzene	Method Blank	SW8270C	2.5	2.5	ug/L	U
sv070803l	1,2,4-Trichlorobenzene	Method Blank	SW8270C	2.7	2.7	ug/L	U
sv070803l	1,3-Dinitrobenzene	Method Blank	SW8270C	1.8	1.8	ug/L	U
sv070803l	1,4-Naphthoquinone	Method Blank	SW8270C	1.3	1.3	ug/L	U
sv070803l	1-Naphthylamine	Method Blank	SW8270C	0.98	0.98	ug/L	U
sv070803l	2,3,4,6-Tetrachlorophenol	Method Blank	SW8270C	3.0	3.0	ug/L	U
sv070803l	2,4,5-Trichlorophenol	Method Blank	SW8270C	3.5	3.5	ug/L	U
sv070803l	2,4,6-Trichlorophenol	Method Blank	SW8270C	2.2	2.2	ug/L	U
sv070803l	2,4-Dichlorophenol	Method Blank	SW8270C	2.2	2.2	ug/L	U
sv070803l	2,4-Dimethylphenol	Method Blank	SW8270C	1.9	1.9	ug/L	U
sv070803l	2,4-Dinitrophenol	Method Blank	SW8270C	4.6	4.6	ug/L	U
sv070803l	2,4-Dinitrotoluene	Method Blank	SW8270C	0.94	0.94	ug/L	U
sv070803l	2,6-Dichlorophenol	Method Blank	SW8270C	2.2	2.2	ug/L	U
sv070803l	2,6-Dinitrotoluene	Method Blank	SW8270C	2.1	2.1	ug/L	U
sv070803l	2-Acetylaminofluorene	Method Blank	SW8270C	0.95	0.95	ug/L	U
sv070803l	2-Chloronaphthalene	Method Blank	SW8270C	2.0	2.0	ug/L	U
sv070803l	2-Chlorophenol	Method Blank	SW8270C	2.7	2.7	ug/L	U
sv070803l	2-Methylnaphthalene	Method Blank	SW8270C	1.2	1.2	ug/L	U
sv070803l	2-Methylphenol	Method Blank	SW8270C	2.3	2.3	ug/L	U
sv070803l	2-Naphthylamine	Method Blank	SW8270C	1.3	1.3	ug/L	U
sv070803l	2-Nitroaniline	Method Blank	SW8270C	0.78	0.78	ug/L	U
sv070803l	2-Nitrophenol	Method Blank	SW8270C	3.0	3.0	ug/L	U
sv070803l	3,3`-Dichlorobenzidine	Method Blank	SW8270C	1.0	1.0	ug/L	U
sv070803l	3,3`-Dimethylbenzidine	Method Blank	SW8270C	6.1	6.1	ug/L	U
sv070803l	3-Methylcholanthrene	Method Blank	SW8270C	1.3	1.3	ug/L	U
sv070803l	3-Nitroaniline	Method Blank	SW8270C	1.5	1.5	ug/L	U
sv070803l	4,6-Dinitro-2-methylphenol	Method Blank	SW8270C	3.7	3.7	ug/L	U
sv070803l	4-Aminobiphenyl	Method Blank	SW8270C	1.2	1.2	ug/L	U
sv070803l	4-Bromophenyl phenyl ether	Method Blank	SW8270C	2.3	2.3	ug/L	U
sv070803l	4-Chloro-3-methylphenol	Method Blank	SW8270C	2.6	2.6	ug/L	U
sv070803l	4-Chloroaniline	Method Blank	SW8270C	1.4	1.4	ug/L	U
sv070803l	4-Chlorophenyl Phenyl Ether	Method Blank	SW8270C	2.8	2.8	ug/L	U
sv070803l	4-Nitroaniline	Method Blank	SW8270C	0.63	0.63	ug/L	U
sv070803l	4-Nitrophenol	Method Blank	SW8270C	1.7	1.7	ug/L	U
sv070803l	5-Nitro-o-toluidine	Method Blank	SW8270C	1.0	1.0	ug/L	U
sv070803l	7,12-Dimethylbenz(a)anthracene	Method Blank	SW8270C	1.3	1.3	ug/L	U
sv070803l	Acenaphthene	Method Blank	SW8270C	1.7	1.7	ug/L	U
sv070803l	Acenaphthylene	Method Blank	SW8270C	1.6	1.6	ug/L	U
sv070803l	Acetophenone	Method Blank	SW8270C	0.86	0.86	ug/L	U
sv070803l	Anthracene	Method Blank	SW8270C	1.3	1.3	ug/L	U
sv070803l	Aramite	Method Blank	SW8270C	1.5	1.5	ug/L	U
sv070803l	Benzo(a)anthracene	Method Blank	SW8270C	1.4	1.4	ug/L	U
sv070803l	Benzo(a)pyrene	Method Blank	SW8270C	1.1	1.1	ug/L	U
sv070803l	Benzo(b)fluoranthene	Method Blank	SW8270C	1.5	1.5	ug/L	U
sv070803l	Benzo(g,h,i)perylene	Method Blank	SW8270C	1.1	1.1	ug/L	U
sv070803l	Benzo(k)fluoranthene	Method Blank	SW8270C	1.8	1.8	ug/L	U
sv070803l	Benzyl Alcohol	Method Blank	SW8270C	1.4	1.4	ug/L	U
sv070803l	Bis(2-chloroethoxy)methane	Method Blank	SW8270C	2.4	2.4	ug/L	U
sv070803l	Bis(2-chloroethyl) Ether	Method Blank	SW8270C	1.3	1.3	ug/L	U
sv070803l	Bis(2-chloroisopropyl) Ether	Method Blank	SW8270C	2.0	2.0	ug/L	U
sv070803l	Bis(2-ethylhexyl)phthalate	Method Blank	SW8270C	0.74	0.74	ug/L	U
sv070803l	Chlorobenzilate	Method Blank	SW8270C	1.4	1.4	ug/L	U

sv070803l	Chrysene	Method Blank	SW8270C	1.7	1.7	ug/L	U
sv070803l	Di-n-butyl Phthalate	Method Blank	SW8270C	0.75	0.75	ug/L	U
sv070803l	Di-n-octyl Phthalate	Method Blank	SW8270C	0.82	0.82	ug/L	U
sv070803l	Diallate	Method Blank	SW8270C	0.75	0.75	ug/L	U
sv070803l	Dibenz(a,h)anthracene	Method Blank	SW8270C	1.2	1.2	ug/L	U
sv070803l	Dibenzofuran	Method Blank	SW8270C	1.4	1.4	ug/L	U
sv070803l	Diethyl Phthalate	Method Blank	SW8270C	1.4	1.4	ug/L	U
sv070803l	Dimethoate	Method Blank	SW8270C	0.58	0.58	ug/L	U
sv070803l	Dimethyl Phthalate	Method Blank	SW8270C	1.3	1.3	ug/L	U
sv070803l	Dinoseb	Method Blank	SW8270C	1.7	1.7	ug/L	U
sv070803l	Diphenylamine	Method Blank	SW8270C	1.8	1.8	ug/L	U
sv070803l	Disulfoton	Method Blank	SW8270C	0.77	0.77	ug/L	U
sv070803l	Ethyl Methanesulfonate	Method Blank	SW8270C	1.2	1.2	ug/L	U
sv070803l	Famphur	Method Blank	SW8270C	56	56	ug/L	U
sv070803l	Fluoranthene	Method Blank	SW8270C	1.6	1.6	ug/L	U
sv070803l	Fluorene	Method Blank	SW8270C	1.5	1.5	ug/L	U
sv070803l	Hexachlorobenzene	Method Blank	SW8270C	1.8	1.8	ug/L	U
sv070803l	Hexachlorobutadiene	Method Blank	SW8270C	2.1	2.1	ug/L	U
sv070803l	Hexachlorocyclopentadiene	Method Blank	SW8270C	0.92	0.92	ug/L	U
sv070803l	Hexachloroethane	Method Blank	SW8270C	2.8	2.8	ug/L	U
sv070803l	Hexachloropropene	Method Blank	SW8270C	1.1	1.1	ug/L	U
sv070803l	Indeno(1,2,3-cd)pyrene	Method Blank	SW8270C	1.6	1.6	ug/L	U
sv070803l	Isodrin	Method Blank	SW8270C	1.4	1.4	ug/L	U
sv070803l	Isophorone	Method Blank	SW8270C	1.3	1.3	ug/L	U
sv070803l	Isosafrole	Method Blank	SW8270C	1.5	1.5	ug/L	U
sv070803l	Kepone	Method Blank	SW8270C	74	74	ug/L	U
sv070803l	Methapyrilene	Method Blank	SW8270C	0.92	0.92	ug/L	U
sv070803l	Methyl Methanesulfonate	Method Blank	SW8270C	1.3	1.3	ug/L	U
sv070803l	Methyl Parathion	Method Blank	SW8270C	0.54	0.54	ug/L	U
sv070803l	N-Nitroso-di-n-butylamine	Method Blank	SW8270C	1.7	1.7	ug/L	U
sv070803l	N-Nitroso-di-n-propylamine	Method Blank	SW8270C	1.5	1.5	ug/L	U
sv070803l	N-nitrosodiethylamine	Method Blank	SW8270C	1.7	1.7	ug/L	U
sv070803l	N-Nitrosodimethylamine	Method Blank	SW8270C	1.5	1.5	ug/L	U
sv070803l	N-Nitrosodiphenylamine	Method Blank	SW8270C	1.7	1.7	ug/L	U
sv070803l	N-nitrosomethylethylamine	Method Blank	SW8270C	2.1	2.1	ug/L	U
sv070803l	N-Nitrosopiperidine	Method Blank	SW8270C	1.5	1.5	ug/L	U
sv070803l	N-nitrosopyrrolidine	Method Blank	SW8270C	1.1	1.1	ug/L	U
sv070803l	Nitrobenzene	Method Blank	SW8270C	1.0	1.0	ug/L	U
sv070803l	O,O,O-Triethyl phosphorothioate	Method Blank	SW8270C	1.2	1.2	ug/L	U
sv070803l	o-Toluidine	Method Blank	SW8270C	1.3	1.3	ug/L	U
sv070803l	p-Dimethylaminoazobenzene	Method Blank	SW8270C	0.82	0.82	ug/L	U
sv070803l	p-Phenylenediamine	Method Blank	SW8270C	8.2	8.2	ug/L	U
sv070803l	Parathion	Method Blank	SW8270C	13	13	ug/L	U
sv070803l	Pentachlorobenzene	Method Blank	SW8270C	2.7	2.7	ug/L	U
sv070803l	Pentachloronitrobenzene	Method Blank	SW8270C	2.8	2.8	ug/L	U
sv070803l	Pentachlorophenol	Method Blank	SW8270C	3.2	3.2	ug/L	U
sv070803l	Phenacetin	Method Blank	SW8270C	1.2	1.2	ug/L	U
sv070803l	Phenanthrene	Method Blank	SW8270C	1.4	1.4	ug/L	U
sv070803l	Phenol	Method Blank	SW8270C	1.4	1.4	ug/L	U
sv070803l	Phorate	Method Blank	SW8270C	1.1	1.1	ug/L	U
sv070803l	Pronamide	Method Blank	SW8270C	1.2	1.2	ug/L	U
sv070803l	Pyrene	Method Blank	SW8270C	0.88	0.88	ug/L	U
sv070803l	Safrole	Method Blank	SW8270C	1.0	1.0	ug/L	U
sv070803l	sym-Trinitrobenzene	Method Blank	SW8270C	1.0	1.0	ug/L	U

Client: Trail Rdge Landfill,Inc. **Report No.:** J033716

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 09:45

sv070803l	Thionazin		Method Blank		SW8270C	0.58	0.58	ug/L	U

Surrogate(s)	Result	Units	% Recovery	Qualifier	Acceptance Limits
2-Fluorophenol	30	ug/L	60		20 - 119
Phenol-d6	30	ug/L	61		18 - 121
Nitrobenzene d5	43	ug/L	86		23 - 120
2-Fluorobiphenyl	40	ug/L	80		20 - 119
2,4,6-Tribromophenol	48	ug/L	96		15 - 112
p-Terphenyl-d14	58	ug/L	115		18 - 137

PCBs

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
sv071803-pcb	PCB-1016	Method Blank	SW8082	0.098	0.098	ug/L	U
sv071803-pcb	PCB-1221	Method Blank	SW8082	0.31	0.31	ug/L	U
sv071803-pcb	PCB-1232	Method Blank	SW8082	0.20	0.20	ug/L	U
sv071803-pcb	PCB-1242	Method Blank	SW8082	0.083	0.083	ug/L	U
sv071803-pcb	PCB-1248	Method Blank	SW8082	0.054	0.054	ug/L	U
sv071803-pcb	PCB-1254	Method Blank	SW8082	0.089	0.089	ug/L	U
sv071803-pcb	PCB-1260	Method Blank	SW8082	0.11	0.11	ug/L	U

Surrogate(s)	Result	Units	% Recovery	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	0.62	ug/L	62		30 - 120
Decachlorobiphenyl	0.47	ug/L	93		30 - 120

Chlorinated Pesticides

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
sv071803-pest	4,4`-DDD	Method Blank	SW8081A	0.0080	0.0080	ug/L	U
sv071803-pest	4,4`-DDE	Method Blank	SW8081A	0.016	0.016	ug/L	U
sv071803-pest	4,4`-DDT	Method Blank	SW8081A	0.013	0.013	ug/L	U
sv071803-pest	Aldrin	Method Blank	SW8081A	0.0050	0.0050	ug/L	U
sv071803-pest	Alpha-BHC	Method Blank	SW8081A	0.0060	0.0060	ug/L	U
sv071803-pest	Beta-BHC	Method Blank	SW8081A	0.0050	0.0050	ug/L	U
sv071803-pest	Chlordane	Method Blank	SW8081A	0.20	0.20	ug/L	U
sv071803-pest	Delta-BHC	Method Blank	SW8081A	0.017	0.017	ug/L	U
sv071803-pest	Dieldrin	Method Blank	SW8081A	0.0090	0.0090	ug/L	U
sv071803-pest	Endosulfan I	Method Blank	SW8081A	0.016	0.016	ug/L	U
sv071803-pest	Endosulfan II	Method Blank	SW8081A	0.013	0.013	ug/L	U
sv071803-pest	Endosulfan Sulfate	Method Blank	SW8081A	0.0060	0.0060	ug/L	U
sv071803-pest	Endrin	Method Blank	SW8081A	0.014	0.014	ug/L	U
sv071803-pest	Endrin Aldehyde	Method Blank	SW8081A	0.012	0.012	ug/L	U
sv071803-pest	Gamma-BHC (Lindane)	Method Blank	SW8081A	0.0060	0.0060	ug/L	U
sv071803-pest	Heptachlor	Method Blank	SW8081A	0.0090	0.0090	ug/L	U
sv071803-pest	Heptachlor Epoxide	Method Blank	SW8081A	0.013	0.013	ug/L	U
sv071803-pest	Methoxychlor	Method Blank	SW8081A	0.014	0.014	ug/L	U
sv071803-pest	Toxaphene	Method Blank	SW8081A	0.070	0.070	ug/L	U

Surrogate(s)	Result	Units	% Recovery	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	0.62	ug/L	62		30 - 120
Decachlorobiphenyl	0.47	ug/L	93		30 - 120

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033716

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 09:45

Appendix II Volatile Organic Compounds

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
v070303a	1,1,1,2-Tetrachloroethane	Method Blank	SW8260B	0.27	0.27	ug/L	U
v070303a	1,1,1-Trichloroethane	Method Blank	SW8260B	0.39	0.39	ug/L	U
v070303a	1,1,2,2-Tetrachloroethane	Method Blank	SW8260B	0.19	0.19	ug/L	U
v070303a	1,1,2-Trichloroethane	Method Blank	SW8260B	0.34	0.34	ug/L	U
v070303a	1,1-Dichloroethane	Method Blank	SW8260B	0.36	0.36	ug/L	U
v070303a	1,1-Dichloroethene	Method Blank	SW8260B	0.50	0.50	ug/L	U
v070303a	1,1-Dichloropropene	Method Blank	SW8260B	0.39	0.39	ug/L	U
v070303a	1,2,3-Trichloropropane	Method Blank	SW8260B	0.33	0.33	ug/L	U
v070303a	1,2-Dibromo-3-chloropropane	Method Blank	SW8260B	0.55	0.55	ug/L	U
v070303a	1,2-Dibromoethane	Method Blank	SW8260B	0.20	0.25	ug/L	U
v070303a	1,2-Dichlorobenzene	Method Blank	SW8260B	0.28	0.28	ug/L	U
v070303a	1,2-Dichloroethane	Method Blank	SW8260B	0.36	0.36	ug/L	U
v070303a	1,2-Dichloropropane	Method Blank	SW8260B	0.30	0.30	ug/L	U
v070303a	1,3-Dichlorobenzene	Method Blank	SW8260B	0.26	0.26	ug/L	U
v070303a	1,3-Dichloropropane	Method Blank	SW8260B	0.26	0.26	ug/L	U
v070303a	1,4-Dichlorobenzene	Method Blank	SW8260B	0.30	0.30	ug/L	U
v070303a	2,2-Dichloropropane	Method Blank	SW8260B	0.39	0.39	ug/L	U
v070303a	2-Hexanone (MBK)	Method Blank	SW8260B	0.27	0.27	ug/L	U
v070303a	4-Methyl-2-pentanone (MIBK)	Method Blank	SW8260B	0.35	0.35	ug/L	U
v070303a	Acetone	Method Blank	SW8260B	0.71	0.71	ug/L	U
v070303a	Acrolein	Method Blank	SW8260B	2.8	2.8	ug/L	U
v070303a	Acrylonitrile	Method Blank	SW8260B	1.6	1.6	ug/L	U
v070303a	Allyl Chloride	Method Blank	SW8260B	0.83	1.3	ug/L	U
v070303a	Benzene	Method Blank	SW8260B	0.30	0.30	ug/L	U
v070303a	Bromochloromethane	Method Blank	SW8260B	0.39	0.39	ug/L	U
v070303a	Bromodichloromethane	Method Blank	SW8260B	0.29	0.29	ug/L	U
v070303a	Bromoform	Method Blank	SW8260B	0.25	0.25	ug/L	U
v070303a	Bromomethane	Method Blank	SW8260B	0.47	0.47	ug/L	U
v070303a	Carbon Disulfide	Method Blank	SW8260B	0.41	0.41	ug/L	U
v070303a	Carbon Tetrachloride	Method Blank	SW8260B	0.39	0.39	ug/L	U
v070303a	Chlorobenzene	Method Blank	SW8260B	0.31	0.31	ug/L	U
v070303a	Chloroethane	Method Blank	SW8260B	0.62	0.47	ug/L	U
v070303a	Chloroform	Method Blank	SW8260B	0.41	0.41	ug/L	U
v070303a	Chloromethane	Method Blank	SW8260B	0.43	0.43	ug/L	U
v070303a	Chloroprene	Method Blank	SW8260B	0.28	1.3	ug/L	U
v070303a	Cis-1,2-dichloroethene	Method Blank	SW8260B	0.33	0.39	ug/L	U
v070303a	Cis-1,3-dichloropropene	Method Blank	SW8260B	0.27	0.27	ug/L	U
v070303a	Dibromochloromethane	Method Blank	SW8260B	0.25	0.25	ug/L	U
v070303a	Dibromomethane	Method Blank	SW8260B	0.34	0.34	ug/L	U
v070303a	Dichlorodifluoromethane	Method Blank	SW8260B	0.51	0.51	ug/L	U
v070303a	Ethylbenzene	Method Blank	SW8260B	0.27	0.27	ug/L	U
v070303a	Ethylmethacrylate	Method Blank	SW8260B	0.43	1.3	ug/L	U
v070303a	Iodomethane	Method Blank	SW8260B	0.40	0.40	ug/L	U
v070303a	Isobutyl Alcohol	Method Blank	SW8260B	16	25	ug/L	U
v070303a	m&p-Xylenes	Method Blank	SW8260B	0.61	0.61	ug/L	U
v070303a	Methacrylonitrile	Method Blank	SW8260B	5.7	13	ug/L	U
v070303a	Methyl ethyl ketone	Method Blank	SW8260B	0.25	0.25	ug/L	U
v070303a	Methyl Methacrylate	Method Blank	SW8260B	0.38	1.3	ug/L	U
v070303a	Methylene Chloride	Method Blank	SW8260B	0.21	0.25	ug/L	I
v070303a	Naphthalene	Method Blank	SW8260B	0.24	0.40	ug/L	I
v070303a	o-Xylene	Method Blank	SW8260B	0.25	0.25	ug/L	U
v070303a	Propionitrile (ethyl cyanide)	Method Blank	SW8260B	5.9	13	ug/L	U

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033716

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 09:45

v070303a	Styrene		Method Blank	SW8260B	0.25	0.25	ug/L	U
v070303a	Tetrachloroethene		Method Blank	SW8260B	0.43	0.43	ug/L	U
v070303a	Toluene		Method Blank	SW8260B	0.29	0.29	ug/L	U
v070303a	Trans-1,2-dichloroethene		Method Blank	SW8260B	0.50	0.50	ug/L	U
v070303a	Trans-1,3-dichloropropene		Method Blank	SW8260B	0.25	0.25	ug/L	U
v070303a	Trans-1,4-dichloro-2-butene		Method Blank	SW8260B	0.52	1.3	ug/L	U
v070303a	Trichloroethene		Method Blank	SW8260B	0.43	0.43	ug/L	U
v070303a	Trichlorofluoromethane		Method Blank	SW8260B	0.50	0.50	ug/L	U
v070303a	Vinyl Acetate		Method Blank	SW8260B	0.31	0.31	ug/L	U
v070303a	Vinyl Chloride		Method Blank	SW8260B	0.49	0.49	ug/L	U

Surrogate(s)	Result	Units	% Recovery	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4	53	ug/L	106		80 - 120
Toluene d(8)	52	ug/L	104		88 - 110
4-Bromofluorobenzene	57	ug/L	114		86 - 115

Miscellaneous Analytes

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
WCJ-070203-NIT	Nitrate (as N)	Method Blank	SM4500NO3-F	0.13	0.13	mg/L	U

Miscellaneous Analytes

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
WCJ-070703-CL1	Total Chlorides	Method Blank	E325.2	2.5	0.50	mg/L	U

Miscellaneous Analytes

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
WCJ-070803-TDS	Total Dissolved Solids	Method Blank	E160.1	10	10	mg/L	U

Miscellaneous Analytes

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
WCT070803H2S2	Sulfide (as H2S)	Method Blank	SM4500SD	0.098	9.8	mg/L	U

Miscellaneous Analytes

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
wct070803nh33	Ammonia (as N)	Method Blank	E350.1	0.019	0.020	mg/L	U

Miscellaneous Analytes

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
wct071003cn1	Cyanide	Method Blank	SM4500CN-E	0.0041	0.0041	mg/L	U

Miscellaneous Analytes

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
wct071403nh32	Ammonia (as N)	Method Blank	E350.1	0.019	0.019	mg/L	U

Quality Assurance Qualifiers:

I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U The compound was analyzed for but not detected.

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033716

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 09:45

Quality Assurance Report

Laboratory Control Spikes

Project #: J033716

QC Batch ID: M070203-3010 #3 **Matrix:** Water **Method:** SW6010B

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Arsenic	0.4	0.42	106	80 - 120	
Barium	0.4	0.42	105	80 - 120	
Beryllium	0.4	0.42	104	80 - 120	
Cadmium	0.4	0.41	103	80 - 120	
Chromium	0.4	0.40	100	80 - 120	
Cobalt	0.4	0.40	101	80 - 120	
Copper	0.4	0.43	109	80 - 120	
Iron	8.4	8.7	103	80 - 120	
Lead	0.4	0.40	99	80 - 120	
Nickel	0.4	0.41	103	80 - 120	
Selenium	0.4	0.43	108	80 - 120	
Silver	0.4	0.41	102	80 - 120	
Sodium	100	100	102	80 - 120	
Tin	1	1.0	100	80 - 120	
Vanadium	0.4	0.42	105	80 - 120	
Zinc	0.4	0.41	103	80 - 120	

QC Batch ID: M070203-3020SB3 **Matrix:** Water **Method:** SW7041A

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Antimony	0.02	0.021	104	80 - 120	

QC Batch ID: M070203-3020TL3 **Matrix:** Water **Method:** SW7841

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Thallium	0.02	0.019	95	80 - 120	

QC Batch ID: M070803-HG #1 **Matrix:** Water **Method:** SW7470A

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Mercury	0.002	0.0022	108	85 - 115	

QC Batch ID: sv070303f-edb **Matrix:** Water **Method:** E504.1

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
1,2-Dibromo-3-chloropropane	0.25	0.25	100	65 - 135	
Ethylene Dibromide	0.25	0.23	92	65 - 135	

Surrogate(s)	Result	Units	% Recovery	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	1.0	ug/L	101		30 - 120

LCS Comment:

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033716

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 09:45

QC Batch ID: sv070803l **Matrix:** Water **Method:** SW8270C

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
1,2,4-Trichlorobenzene	20	14	68	17 - 97	
2,4-Dinitrotoluene	20	13	66	4 - 133	
2-Chlorophenol	50	32	64	0 - 97	
4-Chloro-3-methylphenol	50	42	84	5 - 107	
4-Nitrophenol	50	33	66	0 - 111	
Acenaphthylene	20	15	75	12 - 118	
N-Nitrosodi-n-propylamine	20	14	69	12 - 116	
Pentachlorophenol	50	31	62	0 - 120	
Phenol	50	29	57	0 - 77	
Pyrene	20	22	108	20 - 157	

Surrogate(s)	Result	Units	% Recovery	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	56	ug/L	111		15 - 112
2-Fluorobiphenyl	37	ug/L	74		20 - 119
2-Fluorophenol	32	ug/L	64		20 - 119
Nitrobenzene d5	36	ug/L	72		23 - 120
p-Terphenyl-d14	55	ug/L	110		18 - 137
Phenol-d6	36	ug/L	73		18 - 121

LCS Comment:

QC Batch ID: sv071803-pcb **Matrix:** Water **Method:** SW8082

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
PCB-1016	3	2.5	83	70 - 130	
PCB-1260	3	2.9	98	70 - 130	

Surrogate(s)	Result	Units	% Recovery	Qualifier	Acceptance Limits
Decachlorobiphenyl	0.47	ug/L	94		30 - 120
Tetrachloro-m-xylene	0.70	ug/L	70		30 - 120

LCS Comment:

QC Batch ID: sv071803-pest **Matrix:** Water **Method:** SW8081A

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Alpha-BHC	0.1			-	

Surrogate(s)	Result	Units	% Recovery	Qualifier	Acceptance Limits
Decachlorobiphenyl	0.50	ug/L	99		30 - 120
Tetrachloro-m-xylene	0.68	ug/L	68		30 - 120

LCS Comment:

QC Batch ID: v070303a **Matrix:** Water **Method:** SW8260B

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
1,1-Dichloroethene	20	22	110	39 - 144	
Benzene	20	19	95	46 - 135	
Ethylbenzene	20	20	100	33 - 140	
Tetrachloroethene	20	19	95	24 - 164	
Toluene	20	20	100	44 - 135	
Trichloroethene	20	19	95	55 - 119	

Surrogate(s)	Result	Units	% Recovery	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4	53	ug/L	106		80 - 120
4-Bromofluorobenzene	54	ug/L	108		86 - 115
Toluene d(8)	50	ug/L	100		88 - 110

LCS Comment:

QC Batch ID: WCJ-070203-NIT2 **Matrix:** Water **Method:** SM4500NO3-F

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Nitrate (as N)	1	0.99	99	90 - 110	

QC Batch ID: WCJ-070703-CL1 **Matrix:** Water **Method:** E325.2

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Total Chlorides	60	59	98	75 - 125	

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033716

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 09:45

QC Batch ID: WCJ-070803-TDS2 **Matrix:** Water **Method:** E160.1

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Total Dissolved Solids	300	280	92	75 - 125	

QC Batch ID: WCT070803H2S2 **Matrix:** Water **Method:** SM4500SD

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Sulfide (as H2S)	0.5	0.52	103	90 - 110	

QC Batch ID: wct070803nh33 **Matrix:** Water **Method:** E350.1

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Ammonia (as N)	1	0.93	93	90 - 110	

QC Batch ID: wct071003cn1 **Matrix:** Water **Method:** SM4500CN-E

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Cyanide	0.1	0.098	98	90 - 110	

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033716

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 09:45

Quality Assurance Report

Matrix Spike Recoveries

Project #: J033716

QC Batch ID M070203-3010 #3 Method: SW6010B Matrix: Water **Ref. Sample:** J033716-01 **Client Sample ID:** MWB-34S

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Arsenic	0.40	mg/L	0	0.44	0.43	109	108	80 - 120	0.83	
Barium	0.40	mg/L	0.018	0.43	0.43	102	102	80 - 120	0.15	
Beryllium	0.40	mg/L	0.000076	0.42	0.42	105	104	80 - 120	1.1	
Cadmium	0.40	mg/L	0.00092	0.41	0.41	103	103	80 - 120	0.041	
Chromium	0.40	mg/L	0.0036	0.40	0.40	100	100	80 - 120	0.22	
Cobalt	0.40	mg/L	0.00099	0.40	0.41	101	101	80 - 120	0.20	
Copper	0.40	mg/L	0.0034	0.45	0.45	112	112	80 - 120	0.18	
Iron	8.4	mg/L	0.58	9.4	9.4	105	105	75 - 125	0.011	
Lead	0.40	mg/L	0	0.39	0.39	99	99	80 - 120	0.051	
Nickel	0.40	mg/L	0	0.41	0.42	103	105	80 - 120	1.2	
Selenium	0.40	mg/L	0.0056	0.44	0.44	108	108	80 - 120	0.44	
Silver	0.40	mg/L	0.00026	0.11	0.14	28	36	80 - 120	23	
Sodium	100	mg/L	16	130	130	111	111	75 - 125	0.54	
Tin	1.0	mg/L	0.020	1.0	1.0	100	102	80 - 120	1.8	
Vanadium	0.40	mg/L	0.0059	0.43	0.43	107	107	80 - 120	0.25	
Zinc	0.40	mg/L	0.012	0.45	0.44	108	106	80 - 120	2.0	

QC Batch ID M070203-3020SB3 Method: SW7041A Matrix: Water **Ref. Sample:** J033714-01 **Client Sample ID:** SW-2

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Antimony	0.020	mg/L	0	0.024	0.027	122	133	80 - 120	8.5	J4

QC Batch ID M070203-3020TL3 Method: SW7841 Matrix: Water **Ref. Sample:** J033714-01 **Client Sample ID:** SW-2

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Thallium	0.020	mg/L	0	0.018	0.019	91	97	80 - 120	6.5	

QC Batch ID M070803-HG #1 Method: SW7470A Matrix: Water **Ref. Sample:** G031121-01 **Client Sample ID:** 0403028

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Mercury	0.0020	mg/L	0	0.0023	0.0024	113	118	70 - 130	4.6	

QC Batch ID sv070303f-edb Method: E504.1 Matrix: Water **Ref. Sample:** J033492-01 **Client Sample ID:** SW-2

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
1,2-Dibromo-3-chloropropane	1.0	ug/L	0	0.83	0.80	83	80	65 - 135	3.9	
Ethylene Dibromide	1.0	ug/L	0	0.83	0.87	83	87	65 - 135	4.2	

Surrogate	MS %R	MSD %R	MS/MSD Range	MS Qual	MSD Qual
trachloro-m-xylene	109	80	30 - 120		

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033716

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 09:45

QC Batch ID sv070803l Method: SW8270C Matrix: Water **Ref. Sample:** J033716-04 **Client Sample ID:** MWB-14S

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
1,2,4-Trichlorobenzene	20	ug/L	0	15	17	75	83	17 - 97	11	
2,4-Dinitrotoluene	20	ug/L	0	15	15	73	73	4 - 133	1.0	
2-Chlorophenol	50	ug/L	0	31	28	61	55	0 - 97	10	
4-Chloro-3-methylphenol	50	ug/L	0	43	39	85	77	5 - 107	9.9	
4-Nitrophenol	50	ug/L	0	36	33	72	67	0 - 111	6.8	
Acenaphthylene	20	ug/L	0	17	17	85	87	12 - 118	2.6	
Pentachlorophenol	50	ug/L	0	38	35	75	70	0 - 120	7.8	
Phenol	50	ug/L	0	29	25	59	51	0 - 77	14	
Pyrene	20	ug/L	0	22	23	111	115	20 - 157	3.7	

Surrogate	MS %R	MSD %R	MS/MSD Range	MS Qual	MSD Qual
2,4,6-Tribromophenol	107	104	15 - 112		
2-Fluorobiphenyl	85	87	20 - 119		
2-Fluorophenol	60	49	20 - 119		
Nitrobenzene d5	84	90	23 - 120		
p-Terphenyl-d14	113	117	18 - 137		
Phenol-d6	68	65	18 - 121		

QC Batch ID v070303a Method: SW8260B Matrix: Water **Ref. Sample:** J033714-01 **Client Sample ID:** SW-2

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
1,1-Dichloroethene	20	ug/L	0	23	22	115	110	39 - 144	4.5	
Benzene	20	ug/L	0	20	20	100	100	46 - 135	0	
Ethylbenzene	20	ug/L	0	21	21	105	105	33 - 140	0	
Tetrachloroethene	20	ug/L	0	20	20	100	100	24 - 164	0	
Toluene	20	ug/L	0	21	21	105	105	44 - 135	0	
Trichloroethene	20	ug/L	0	21	20	105	100	55 - 119	4.9	

Surrogate	MS %R	MSD %R	MS/MSD Range	MS Qual	MSD Qual
1,2-Dichloroethane-d4	106	108	80 - 120		
4-Bromofluorobenzene	106	108	86 - 115		
Toluene d(8)	100	100	88 - 110		

QC Batch ID WCJ-070203-NIT2 Method: SM4500NO3-F Matrix: Water **Ref. Sample:** J033716-02 **Client Sample ID:** MWB-2S

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Nitrate (as N)	0.50	mg/L	0	0.48	0.48	95	95	90 - 110	0.21	

QC Batch ID WCJ-070703-CL1 Method: E325.2 Matrix: Water **Ref. Sample:** J033716-02 **Client Sample ID:** MWB-2S

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Total Chlorides	30	mg/L	6.6	38	39	106	110	75 - 125	3.6	

QC Batch ID WCT070803H2S2 Method: SM4500SD Matrix: Water **Ref. Sample:** J033716-04 **Client Sample ID:** MWB-14S

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Sulfide (as H2S)	0.50	mg/L	0	0.51	0.53	102	105	90 - 110	2.9	

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033716

Project Name: Trail Ridge GW **Date/Time Received:** 7/2/03 09:45

QC Batch ID wct070803nh33 Method: E350.1 Matrix: Water **Ref. Sample:** J033716-04 **Client Sample ID:** MWB-14S

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Ammonia (as N)	1.0	mg/L	0	0.91	0.92	91	92	90 - 110	0.22	

QC Batch ID wct071003cn1 Method: SM4500CN-E Matrix: Water **Ref. Sample:** J033644-01 **Client Sample ID:** Tank 1

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Cyanide	0.10	mg/L	0	0.10	0.094	100	94	90 - 110	6.6	

Quality Assurance Qualifiers:

J4 The sample matrix interfered with the ability to make an accurate determination.

Definitions:

Water matrix refers to all aqueous matrices, including but not limited to, drinking water, wastewater, ground water, surface water, aqueous wastes and leachates
Soil matrix refers to all non-aqueous matrices, including soils, solids, sludges, semi-solids, and non-aqueous waste samples
All results in mg/kg or % are reported in dry weight basis, unless notated otherwise. All results in mg/L are reported in wet weight basis.
MDL Method Detection Limit, without correction for dilution or moisture content
Adjusted Reporting Limit is the MDL accounting for all dilutions and moisture content cacluations.
PQL is defined to be 4 times the MDL, for all results qualified with an 'i' qualifie

The estimated measurements of uncertainty can be provided upon request

This is the last page of the analytical report.

Advanced
Environmental Laboratories, Inc.

6601 Southpoint Parkway
Jacksonville, Florida 32216
(904) 363-9350
FAX (904) 363-9354

Client:	Trail Rdge Landfill,Inc.	**Report No.:**	J033715
Project Name:	Trail Ridge Indicators	**Date Sampled:**	7/1/2003
Project Number:		**Date Received:**	7/2/03 09:45
		Date Reported:	7/24/2003

Attention: Linda Hair
Phone Number: 9042899100

Address: 5110 U.S. Highway 301

Baldwin, Florida 32234

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: Trail Ridge Indicators

Approved By: ? Paul Gunsaulies

Paul Gunsaulies, Project Manager

If you have any questions, the above named should be contacted.

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 = 10 + 6 COC

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc.
Project Name: Trail Ridge Indicators

Report No.: J033715
Date/Time Received: 7/2/03 09:45

Lab Code: J033715-01
Client Sample ID: MWB-34S
Site: Monitoring Well
Matrix: Water

Date/Time Sampled: 7/1/2003 13:50
SampleType:
Sampled By: DSA/BR
Shipping Method: Client drop off

Miscellaneous Analytes

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Ammonia (as N)	5	0.019	0.096	**3.0**	mg/L		E350.1		*T*
Bicarbonate Alkalinity (as CaCO3)	1	5.0	5.0	**140**	mg/L		E310.1		*J*
Carbonate Alkalinity (as CaCO3)	1	5.0	5.0	**5.0**	mg/L	U	E310.1		*J*
Chemical Oxygen Demand (COD)	1	50	50	**96**	mg/L		E410.1		*J*
Sulfate (as SO4)	1	5.0	5.0	**18**	mg/L		E375.4		*J*
Total Alkalinity (as CaCO3)	1	5.0	5.0	**140**	mg/L		E310.1		*J*
Total Chlorides	1	0.50	0.50	**52**	mg/L		E325.2		*J*
Total Dissolved Solids	1	10	10	**360**	mg/L		E160.1		*J*
Total Organic Carbon	1	1.0	1.0	**27**	mg/L		E415.1		*T*

Total Metals

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Calcium	1	0.018	0.018	**57**	mg/L		SW6010B		*J*
Magnesium	1	0.016	0.016	**16**	mg/L		SW6010B		*J*
Potassium	1	0.11	0.11	**12**	mg/L		SW6010B		*J*
Sodium	1	0.049	0.049	**17**	mg/L		SW6010B		*J*

U The compound was analyzed for but not detected.
J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)
T DOH certification #E84589, Compqap #980174 (AEL-Tampa)

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc.
Project Name: Trail Ridge Indicators

Report No.: J033715
Date/Time Received: 7/2/03 09:45

Lab Code: J033715-02
Client Sample ID: MWB-2S
Site: Monitoring Well
Matrix: Water

Date/Time Sampled: 7/1/2003 10:42
SampleType:
Sampled By: DSA/BR
Shipping Method: Client drop off

Miscellaneous Analytes

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Ammonia (as N)	1	0.019	0.019	**0.082**	mg/L		E350.1		T
Bicarbonate Alkalinity (as CaCO3)	1	5.0	5.0	**5.0**	mg/L	U	E310.1		J
Carbonate Alkalinity (as CaCO3)	1	5.0	5.0	**5.0**	mg/L	U	E310.1		J
Chemical Oxygen Demand (COD)	1	50	50	**50**	mg/L	U	E410.1		J
Sulfate (as SO4)	1	5.0	5.0	**9.8**	mg/L		E375.4		J
Total Alkalinity (as CaCO3)	1	5.0	5.0	**5.0**	mg/L	U	E310.1		J
Total Chlorides	1	0.50	0.50	**6.6**	mg/L		E325.2		J
Total Dissolved Solids	1	10	10	**34**	mg/L		E160.1		J
Total Organic Carbon	1	1.0	1.0	**5.0**	mg/L		E415.1		T

Total Metals

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Calcium	1	0.018	0.018	**1.2**	mg/L		SW6010B		J
Magnesium	1	0.016	0.016	**0.67**	mg/L		SW6010B		J
Potassium	1	0.11	0.11	**0.18**	mg/L	i	SW6010B		J
Sodium	1	0.049	0.049	**4.8**	mg/L		SW6010B		J

i The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
U The compound was analyzed for but not detected.
J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)
T DOH certification #E84589, Compqap #980174 (AEL-Tampa)

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc.
Project Name: Trail Ridge Indicators

Report No.: J033715
Date/Time Received: 7/2/03 09:45

Lab Code: J033715-03
Client Sample ID: MWB-23S
Site: Monitoring Well
Matrix: Water

Date/Time Sampled: 7/1/2003 17:26
SampleType:
Sampled By: DSA/BR
Shipping Method: Client drop off

Miscellaneous Analytes

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Ammonia (as N)	1	0.019	0.019	**0.019**	mg/L	U	E350.1		T
Bicarbonate Alkalinity (as CaCO3)	1	5.0	5.0	**6.0**	mg/L		E310.1		J
Carbonate Alkalinity (as CaCO3)	1	5.0	5.0	**5.0**	mg/L	U	E310.1		J
Chemical Oxygen Demand (COD)	1	50	50	**50**	mg/L	U	E410.1		J
Sulfate (as SO4)	1	5.0	5.0	**13**	mg/L		E375.4		J
Total Alkalinity (as CaCO3)	1	5.0	5.0	**6.0**	mg/L		E310.1		J
Total Chlorides	1	0.50	0.50	**0.50**	mg/L	i	E325.2		J
Total Dissolved Solids	1	10	10	**48**	mg/L		E160.1		J
Total Organic Carbon	1	1.0	1.0	**8.8**	mg/L		E415.1		T

Total Metals

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Calcium	1	0.018	0.018	**4.3**	mg/L		SW6010B		J
Magnesium	1	0.016	0.016	**1.3**	mg/L		SW6010B		J
Potassium	1	0.11	0.11	**3.0**	mg/L		SW6010B		J
Sodium	1	0.049	0.049	**4.0**	mg/L		SW6010B		J

i The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
U The compound was analyzed for but not detected.
J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)
T DOH certification #E84589, Compqap #980174 (AEL-Tampa)

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc.
Project Name: Trail Ridge Indicators

Report No.: J033715
Date/Time Received: 7/2/03 09:45

Lab Code: J033715-04
Client Sample ID: MWB14S
Site: Monitoring Well
Matrix: Water

Date/Time Sampled: 7/1/2003 16:07
SampleType:
Sampled By: DSA/BR
Shipping Method: Client drop off

Miscellaneous Analytes

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Ammonia (as N)	1	0.019	0.019	**0.47**	mg/L		E350.1		T
Bicarbonate Alkalinity (as CaCO3)	1	5.0	5.0	**10**	mg/L		E310.1		J
Carbonate Alkalinity (as CaCO3)	1	5.0	5.0	**5.0**	mg/L	U	E310.1		J
Chemical Oxygen Demand (COD)	1	50	50	**72**	mg/L		E410.1		J
Sulfate (as SO4)	1	5.0	5.0	**11**	mg/L		E375.4		J
Total Alkalinity (as CaCO3)	1	5.0	5.0	**10**	mg/L		E310.1		J
Total Chlorides	1	0.50	0.50	**6.1**	mg/L		E325.2		J
Total Dissolved Solids	1	10	10	**77**	mg/L		E160.1		J
Total Organic Carbon	1	1.0	1.0	**18**	mg/L		E415.1		T

Total Metals

Analytes:	Dilution	MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Calcium	1	0.018	0.018	**2.2**	mg/L		SW6010B		J
Magnesium	1	0.016	0.016	**1.5**	mg/L		SW6010B		J
Potassium	1	0.11	0.11	**3.3**	mg/L		SW6010B		J
Sodium	1	0.049	0.049	**6.3**	mg/L		SW6010B		J

U The compound was analyzed for but not detected.
J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)
T DOH certification #E84589, Compqap #980174 (AEL-Tampa)

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033715

Project Name: Trail Ridge Indicators **Date/Time Received:** 7/2/03 09:45

Sample Cross Reference Information

Lab Code: J033715-01 **Site: Monitoring Well**

Client Sample Number: MWB-34S **Matrix: Water**

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time	Analyst	Prep Batch ID	Prep Date/Time
Ammonia (as N)	E350.1	NONE	wct071403nh32	7/14/2003 12:00	DLS		
Bicarbonate Alkalinity (as CaCO3)	E310.1	NONE	WCJ-071103-ALK	7/11/2003 09:30	AA		
Carbonate Alkalinity (as CaCO3)	E310.1	NONE	WCJ-071103-ALK	7/11/2003 09:30	AA		
Chemical Oxygen Demand (COD)	E410.1	NONE	WCJ-071603-COD1	7/16/2003 11:40	AGF		
Sulfate (as SO4)	E375.4	NONE	WCJ-071703-SULF	7/17/2003 09:25	AGF		
Total Alkalinity (as CaCO3)	E310.1	NONE	WCJ-071103-ALK	7/11/2003 09:30	AA		
Total Chlorides	E325.2	NONE	WCJ-070703-CL1	7/7/2003 14:16	KDC		
Total Dissolved Solids	E160.1	NONE	WCJ-070803-TDS2	7/8/2003 10:35	AGF		
Total Metals	SW6010B	SW3010A	M070203-3010 #3	7/3/2003 18:38	KC	M070203-3010 #3	7/2/2003 14:16:0
Total Organic Carbon	E415.1	NONE	wct070703toc1	7/7/2003 10:30	CLB		

Lab Code: J033715-02 **Site: Monitoring Well**

Client Sample Number: MWB-2S **Matrix: Water**

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time	Analyst	Prep Batch ID	Prep Date/Time
Ammonia (as N)	E350.1	NONE	wct071403nh32	7/14/2003 12:00	DLS		
Bicarbonate Alkalinity (as CaCO3)	E310.1	NONE	WCJ-071103-ALK	7/11/2003 09:30	AA		
Carbonate Alkalinity (as CaCO3)	E310.1	NONE	WCJ-071103-ALK	7/11/2003 09:30	AA		
Chemical Oxygen Demand (COD)	E410.1	NONE	WCJ-071603-COD1	7/16/2003 11:40	AGF		
Sulfate (as SO4)	E375.4	NONE	WCJ-071703-SULF	7/17/2003 09:25	AGF		
Total Alkalinity (as CaCO3)	E310.1	NONE	WCJ-071103-ALK	7/11/2003 09:30	AA		
Total Chlorides	E325.2	NONE	WCJ-070703-CL1	7/7/2003 14:16	KDC		
Total Dissolved Solids	E160.1	NONE	WCJ-070803-TDS2	7/8/2003 10:35	AGF		
Total Metals	SW6010B	SW3010A	M070203-3010 #3	7/3/2003 18:38	KC	M070203-3010 #3	7/2/2003 14:16:0
Total Organic Carbon	E415.1	NONE	wct070703toc1	7/7/2003 10:30	CLB		

Lab Code: J033715-03 **Site: Monitoring Well**

Client Sample Number: MWB-23S **Matrix: Water**

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time	Analyst	Prep Batch ID	Prep Date/Time
Ammonia (as N)	E350.1	NONE	wct070803nh33	7/8/2003 13:44	DLS		
Bicarbonate Alkalinity (as CaCO3)	E310.1	NONE	WCJ-071103-ALK	7/11/2003 09:30	AA		
Carbonate Alkalinity (as CaCO3)	E310.1	NONE	WCJ-071103-ALK	7/11/2003 09:30	AA		
Chemical Oxygen Demand (COD)	E410.1	NONE	WCJ-071603-COD1	7/16/2003 11:40	AGF		
Sulfate (as SO4)	E375.4	NONE	WCJ-071703-SULF	7/17/2003 09:25	AGF		
Total Alkalinity (as CaCO3)	E310.1	NONE	WCJ-071103-ALK	7/11/2003 09:30	AA		
Total Chlorides	E325.2	NONE	WCJ-070703-CL1	7/7/2003 14:16	KDC		
Total Dissolved Solids	E160.1	NONE	WCJ-070803-TDS2	7/8/2003 10:35	AGF		
Total Metals	SW6010B	SW3010A	M070203-3010 #3	7/3/2003 18:38	KC	M070203-3010 #3	7/2/2003 14:16:0
Total Organic Carbon	E415.1	NONE	wct070703toc1	7/7/2003 10:30	CLB		

Lab Code: J033715-04 **Site: Monitoring Well**

Client Sample Number: MWB14S **Matrix: Water**

Test Description	Analysis Method	Prep Method	Analytical Batch ID	Analysis Date/Time	Analyst	Prep Batch ID	Prep Date/Time
Ammonia (as N)	E350.1	NONE	wct070803nh33	7/8/2003 13:45	DLS		
Bicarbonate Alkalinity (as CaCO3)	E310.1	NONE	WCJ-071103-ALK	7/11/2003 09:30	AA		
Carbonate Alkalinity (as CaCO3)	E310.1	NONE	WCJ-071103-ALK	7/11/2003 09:30	AA		
Chemical Oxygen Demand (COD)	E410.1	NONE	WCJ-071603-COD1	7/16/2003 11:40	AGF		
Sulfate (as SO4)	E375.4	NONE	WCJ-071703-SULF	7/17/2003 09:25	AGF		
Total Alkalinity (as CaCO3)	E310.1	NONE	WCJ-071103-ALK	7/11/2003 09:30	AA		
Total Chlorides	E325.2	NONE	WCJ-070703-CL1	7/7/2003 14:16	KDC		
Total Dissolved Solids	E160.1	NONE	WCJ-070803-TDS2	7/8/2003 10:35	AGF		
Total Metals	SW6010B	SW3010A	M070203-3010 #3	7/3/2003 18:38	KC	M070203-3010 #3	7/2/2003 14:16:0
Total Organic Carbon	E415.1	NONE	wct070703toc1	7/7/2003 10:30	CLB		

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033715

Project Name: Trail Ridge Indicators **Date/Time Received:** 7/2/03 09:45

Quality Assurance Report

Method Blanks

Total Metals

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
M070203-3010 #3	Calcium	Method Blank	SW6010B	0.018	0.018	mg/L	U
M070203-3010 #3	Magnesium	Method Blank	SW6010B	0.016	0.016	mg/L	U
M070203-3010 #3	Potassium	Method Blank	SW6010B	0.11	0.11	mg/L	U
M070203-3010 #3	Sodium	Method Blank	SW6010B	0.049	0.049	mg/L	U

Miscellaneous Analytes

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
WCJ-070703-CL1	Total Chlorides	Method Blank	E325.2	2.5	0.50	mg/L	U

Miscellaneous Analytes

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
WCJ-070803-TDS	Total Dissolved Solids	Method Blank	E160.1	10	10	mg/L	U

Miscellaneous Analytes

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
WCJ-071103-ALK	Total Alkalinity (as CaCO3)	Method Blank	E310.1	5.0	5.0	mg/L	U

Miscellaneous Analytes

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
WCJ-071603-CO	Chemical Oxygen Demand (COD)	Method Blank	E410.1	10	50	mg/L	U

Miscellaneous Analytes

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
WCJ-071703-SUL	Sulfate (as SO4)	Method Blank	E375.4	2.5	5.0	mg/L	U

Miscellaneous Analytes

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
wct070703toc1	Total Organic Carbon	Method Blank	E415.1	0.50	0.50	mg/L	U

Miscellaneous Analytes

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
wct070803nh33	Ammonia (as N)	Method Blank	E350.1	0.019	0.020	mg/L	U

Miscellaneous Analytes

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
wct071403nh32	Ammonia (as N)	Method Blank	E350.1	0.019	0.019	mg/L	U

Quality Assurance Qualifiers:

I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U The compound was analyzed for but not detected.

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033715

Project Name: Trail Ridge Indicators **Date/Time Received:** 7/2/03 09:45

Quality Assurance Report

Laboratory Control Spikes

Project #: J033715

QC Batch ID: M070203-3010 #3 **Matrix:** Water **Method:** SW6010B

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Calcium	20.4	21	101	85 - 115	
Magnesium	20.4	21	102	85 - 115	
Potassium	104	100	97	85 - 115	
Sodium	100	100	102	80 - 120	

QC Batch ID: WCJ-070703-CL1 **Matrix:** Water **Method:** E325.2

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Total Chlorides	60	59	98	75 - 125	

QC Batch ID: WCJ-070803-TDS2 **Matrix:** Water **Method:** E160.1

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Total Dissolved Solids	300	280	92	75 - 125	

QC Batch ID: WCJ-071103-ALK **Matrix:** Water **Method:** E310.1

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Total Alkalinity (as CaCO3)	50	50	100	75 - 125	

QC Batch ID: WCJ-071603-COD1 **Matrix:** Water **Method:** E410.1

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Chemical Oxygen Demand (COD)	343	340	98	75 - 125	

QC Batch ID: WCJ-071703-SULF **Matrix:** Water **Method:** E375.4

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Sulfate (as SO4)	20	20	100	75 - 125	

QC Batch ID: wct070703toc1 **Matrix:** Water **Method:** E415.1

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Total Organic Carbon	40	41	103	90 - 110	

QC Batch ID: wct070803nh33 **Matrix:** Water **Method:** E350.1

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Ammonia (as N)	1	0.93	93	90 - 110	

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033715

Project Name: Trail Ridge Indicators **Date/Time Received:** 7/2/03 09:45

Quality Assurance Report

Matrix Spike Recoveries

Project #: J033715

QC Batch ID M070203-3010 #3 Method: SW6010B Matrix: Water **Ref. Sample:** J033716-01 **Client Sample ID:** MWB-34S

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Sodium	100	mg/L	16	130	130	111	111	75 - 125	0.54	

QC Batch ID WCJ-070703-CL1 Method: E325.2 Matrix: Water **Ref. Sample:** J033716-02 **Client Sample ID:** MWB-2S

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Total Chlorides	30	mg/L	6.6	38	39	106	110	75 - 125	3.6	

QC Batch ID WCJ-071103-ALK Method: E310.1 Matrix: Water **Ref. Sample:** J033713-02 **Client Sample ID:** 2

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Total Alkalinity (as CaCO3)	50	mg/L	990	990	1000	0	20	75 - 125	200	

QC Batch ID WCJ-071603-COD Method: E410.1 Matrix: Water **Ref. Sample:** J033713-01 **Client Sample ID:** 1

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Chemical Oxygen Demand (COD)	570	mg/L	3000	3500	3500	85	85	75 - 125	0	

QC Batch ID WCJ-071703-SULF Method: E375.4 Matrix: Water **Ref. Sample:** J033665-01 **Client Sample ID:** 1

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Sulfate (as SO4)	50	mg/L	98	150	160	112	116	75 - 125	3.5	

QC Batch ID wct070703toc1 Method: E415.1 Matrix: Water **Ref. Sample:** J033492-01 **Client Sample ID:** SW-2

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Total Organic Carbon	20	mg/L	8.7	30	30	106	105	90 - 110	0.76	

QC Batch ID wct070803nh33 Method: E350.1 Matrix: Water **Ref. Sample:** J033716-04 **Client Sample ID:** MWB-14S

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Ammonia (as N)	1.0	mg/L	0	0.91	0.92	91	92	90 - 110	0.22	

Quality Assurance Qualifiers:

J4 The sample matrix interfered with the ability to make an accurate determination.

Definitions:

Water matrix refers to all aqueous matrices, including but not limited to, drinking water, wastewater, ground water, surface water, aqueous wastes and leachates

Client: Trail Rdge Landfill,Inc. **Report No.:** J033715

Project Name: Trail Ridge Indicators **Date/Time Received:** 7/2/03 09:45

Soil matrix refers to all non-aqueous matrices, including soils, solids, sludges, semi-solids, and non-aqueous waste samples
All results in mg/kg or % are reported in dry weight basis, unless notated otherwise. All results in mg/L are reported in wet weight basis.
MDL Method Detection Limit, without correction for dilution or moisture content
Adjusted Reporting Limit is the MDL accounting for all dilutions and moisture content cacluations.
PQL is defined to be 4 times the MDL, for all results qualified with an 'i' qualifie

The estimated measurements of uncertainty can be provided upon request

This is the last page of the analytical report.

Advanced
Environmental Laboratories, Inc.

6601 Southpoint Parkway
Jacksonville, Florida 32216
(904) 363-9350
FAX (904) 363-9354

Client:	Trail Rdge Landfill,Inc.	**Report No.:**	J033713
Project Name:	Trail Ridge Indicators	**Date Sampled:**	7/1/2003
Project Number:		**Date Received:**	7/2/03 09:45
		Date Reported:	7/24/03

Attention: Linda Hair
Phone Number: 9042899100

Address: 5110 U.S. Highway 301

Baldwin, Florida 32234

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: Trail Ridge Indicators

Approved By: Paul Gunsaulies

Paul Gunsaulies, Project Manager

If you have any questions, the above named should be contacted.

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 = 7 + 4 COC

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc.
Project Name: Trail Ridge Indicators

Report No.: J033713
Date/Time Received: 7/2/03 09:45

Lab Code: J033713-01
Client Sample ID: 1
Site: IIIC-Primary
Matrix: Water

Date/Time Sampled: 7/1/2003 12:00
SampleType:
Sampled By: DSA/BR
Shipping Method: Client drop off

Miscellaneous Analytes

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Ammonia (as N)	1250		96	**620**	mg/L		E350.1		*T*
Bicarbonate Alkalinity (as CaCO3)	1		0	**4500**	mg/L		E310.1		*J*
Carbonate Alkalinity (as CaCO3)	1		0.20	**5.0**	mg/L	U	E310.1		*J*
Chemical Oxygen Demand (COD)	5		200	**3000**	mg/L		E410.1		*J*
Sulfate (as SO4)	1		10	**13**	mg/L		E375.4		*J*
Total Alkalinity (as CaCO3)	1		20	**4500**	mg/L		E310.1		*J*
Total Chlorides	20		200	**1100**	mg/L		E325.2		*J*
Total Dissolved Solids	1		40	**5800**	mg/L		E160.1		*J*
Total Organic Carbon	1		2.0	**1400**	mg/L		E415.1		*T*

Total Metals

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
* **Calcium**	10		0.72	**260**	mg/L		SW6010B		*J*
Magnesium	10		0.64	**150**	mg/L		SW6010B		*J*
Potassium	10		4.4	**520**	mg/L		SW6010B		*J*
Sodium	10		2.0	**1400**	mg/L		SW6010B		*J*

U The compound was analyzed for but not detected.
J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)
T DOH certification #E84589, Compqap #980174 (AEL-Tampa)
* Comment for Calcium – All analytes for J033713-01 by SW6010B analyzed 7-9-03 due to dilution.

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc.
Project Name: Trail Ridge Indicators

Report No.: J033713
Date/Time Received: 7/2/03 09:45

Lab Code: J033713-02
Client Sample ID: 2
Site: IIIC-Secondary
Matrix: Water

Date/Time Sampled: 7/1/2003 12:20
SampleType:
Sampled By: DSA/BR
Shipping Method: Client drop off

Miscellaneous Analytes

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Ammonia (as N)	100		7.7	**10**	mg/L		E350.1		T
Bicarbonate Alkalinity (as CaCO3)	1		0	**990**	mg/L		E310.1		J
Carbonate Alkalinity (as CaCO3)	1		0.20	**5.0**	mg/L	U	E310.1		J
Chemical Oxygen Demand (COD)	1		40	**72**	mg/L		E410.1		J
Sulfate (as SO4)	1		10	**5.0**	mg/L	U	E375.4		J
Total Alkalinity (as CaCO3)	1		20	**990**	mg/L		E310.1	J4	J
Total Chlorides	2		20	**66**	mg/L		E325.2		J
Total Dissolved Solids	1		40	**1200**	mg/L		E160.1		J
Total Organic Carbon	1		2.0	**20**	mg/L		E415.1		T

Total Metals

Analytes:	Dilution	Adjusted MDL	Adjusted Reporting Limit	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Calcium	1		0.072	**92**	mg/L		SW6010B		J
Magnesium	1		0.064	**15**	mg/L		SW6010B		J
Potassium	1		0.44	**21**	mg/L		SW6010B		J
Sodium	1		0.20	**390**	mg/L		SW6010B		J

J4 The sample matrix interfered with the ability to make an accurate determination.
U The compound was analyzed for but not detected.
J DOH certification #E82574 (AEL-JAX) (FL NELAC certification)
T DOH certification #E84589, Compqap #980174 (AEL-Tampa)

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033713

Project Name: Trail Ridge Indicators **Date/Time Received:** 7/2/03 09:45

Sample Cross Reference Information

Lab Code: J033713-01 **SampleType:** **Site: IIIC-Primary**

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
Ammonia (as N)	E350.1	NONE	wct071403nh3	7/14/2003 12:00	SS		
Bicarbonate Alkalinity (as CaCO3)	E310.1	NONE	WCJ-071103-ALK	7/11/2003 09:30	AA		
Carbonate Alkalinity (as CaCO3)	E310.1	NONE	WCJ-071103-ALK	7/11/2003 09:30	AA		
Chemical Oxygen Demand (COD)	E410.1	NONE	WCJ-071603-COD1	7/16/2003 11:40	AGF		
Sulfate (as SO4)	E375.4	NONE	WCJ-071703-SULF	7/17/2003 09:25	AGF		
Total Alkalinity (as CaCO3)	E310.1	NONE	WCJ-071103-ALK	7/11/2003 09:30	AA		
Total Chlorides	E325.2	NONE	WCJ-070703-CL1	7/7/2003 14:16	KDC		
Total Dissolved Solids	E160.1	NONE	WCJ-070303-TDS	7/3/2003 08:55	AGF		
Total Metals	SW6010B	SW3010A	M070203-3010 #3	7/3/2003 18:38	KC	M070203-3010 #3	7/2/2003 14:16:0
Total Organic Carbon	E415.1	NONE	wct070703toc1	7/7/2003 10:30	CLB		

Lab Code: J033713-02 **SampleType:** **Site: IIIC-Secondary**

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
Ammonia (as N)	E350.1	NONE	wct071403nh3	7/14/2003 12:00	SS		
Bicarbonate Alkalinity (as CaCO3)	E310.1	NONE	WCJ-071103-ALK	7/11/2003 09:30	AA		
Carbonate Alkalinity (as CaCO3)	E310.1	NONE	WCJ-071103-ALK	7/11/2003 09:30	AA		
Chemical Oxygen Demand (COD)	E410.1	NONE	WCJ-071603-COD1	7/16/2003 11:40	AGF		
Sulfate (as SO4)	E375.4	NONE	WCJ-071703-SULF	7/17/2003 09:25	AGF		
Total Alkalinity (as CaCO3)	E310.1	NONE	WCJ-071103-ALK	7/11/2003 09:30	AA		
Total Chlorides	E325.2	NONE	WCJ-070703-CL1	7/7/2003 14:16	KDC		
Total Dissolved Solids	E160.1	NONE	WCJ-070303-TDS	7/3/2003 08:55	AGF		
Total Metals	SW6010B	SW3010A	M070203-3010 #3	7/3/2003 18:38	KC	M070203-3010 #3	7/2/2003 14:16:0
Total Organic Carbon	E415.1	NONE	wct070703toc1	7/7/2003 10:30	CLB		

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033713

Project Name: Trail Ridge Indicators **Date/Time Received:** 7/2/03 09:45

Quality Assurance Report

Method Blanks

Total Metals

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
M070203-3010 #3	Calcium	Method Blank	SW6010B	0.018	0.018	mg/L	U
M070203-3010 #3	Magnesium	Method Blank	SW6010B	0.016	0.016	mg/L	U
M070203-3010 #3	Potassium	Method Blank	SW6010B	0.11	0.11	mg/L	U
M070203-3010 #3	Sodium	Method Blank	SW6010B	0.049	0.049	mg/L	U

Miscellaneous Analytes

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
WCJ-070303-TDS	Total Dissolved Solids	Method Blank	E160.1	10	10	mg/L	U

Miscellaneous Analytes

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
WCJ-070703-CL1	Total Chlorides	Method Blank	E325.2	2.5	0.50	mg/L	U

Miscellaneous Analytes

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
WCJ-071103-ALK	Total Alkalinity (as CaCO3)	Method Blank	E310.1	5.0	5.0	mg/L	U

Miscellaneous Analytes

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
WCJ-071603-CO	Chemical Oxygen Demand (COD)	Method Blank	E410.1	10	50	mg/L	U

Miscellaneous Analytes

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
WCJ-071703-SUL	Sulfate (as SO4)	Method Blank	E375.4	2.5	5.0	mg/L	U

Miscellaneous Analytes

QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
wct070703toc1	Total Organic Carbon	Method Blank	E415.1	0.50	0.50	mg/L	U

Quality Assurance Qualifiers:

I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U The compound was analyzed for but not detected.

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033713

Project Name: Trail Ridge Indicators **Date/Time Received:** 7/2/03 09:45

Quality Assurance Report

Laboratory Control Spikes

Project #: J033713

QC Batch ID: M070203-3010 #3 **Matrix:** Water **Method:** SW6010B

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Calcium	20.4	21	101	85 - 115	
Magnesium	20.4	21	102	85 - 115	
Potassium	104	100	97	85 - 115	
Sodium	100	100	102	80 - 120	

QC Batch ID: WCJ-070303-TDS **Matrix:** Water **Method:** E160.1

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Total Dissolved Solids	300	290	98	75 - 125	

QC Batch ID: WCJ-070703-CL1 **Matrix:** Water **Method:** E325.2

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Total Chlorides	60	59	98	75 - 125	

QC Batch ID: WCJ-071103-ALK **Matrix:** Water **Method:** E310.1

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Total Alkalinity (as CaCO3)	50	50	100	75 - 125	

QC Batch ID: WCJ-071603-COD1 **Matrix:** Water **Method:** E410.1

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Chemical Oxygen Demand (COD)	343	340	98	75 - 125	

QC Batch ID: WCJ-071703-SULF **Matrix:** Water **Method:** E375.4

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Sulfate (as SO4)	20	20	100	75 - 125	

QC Batch ID: wct070703toc1 **Matrix:** Water **Method:** E415.1

Analyte	Spike Level	LCS Result	% Recovery	Acceptance Range	Qualifier(s)
Total Organic Carbon	40	41	103	90 - 110	

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Trail Rdge Landfill,Inc. **Report No.:** J033713

Project Name: Trail Ridge Indicators **Date/Time Received:** 7/2/03 09:45

Quality Assurance Report

Matrix Spike Recoveries

Project #: J033713

QC Batch ID M070203-3010 #3 Method: SW6010B Matrix: Water **Ref. Sample:** J033716-01 **Client Sample ID:** MWB-34S

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Sodium	100	mg/L	16	130	130	111	111	75 - 125	0.54	

QC Batch ID WCJ-070703-CL1 Method: E325.2 Matrix: Water **Ref. Sample:** J033716-02 **Client Sample ID:** MWB-2S

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Total Chlorides	30	mg/L	6.6	38	39	106	110	75 - 125	3.6	

QC Batch ID WCJ-071103-ALK Method: E310.1 Matrix: Water **Ref. Sample:** J033713-02 **Client Sample ID:** 2

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Total Alkalinity (as CaCO3)	50	mg/L	990	990	1000	0	20	75 - 125	200	

QC Batch ID WCJ-071603-COD Method: E410.1 Matrix: Water **Ref. Sample:** J033713-01 **Client Sample ID:** 1

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Chemical Oxygen Demand (COD)	570	mg/L	3000	3500	3500	85	85	75 - 125	0	

QC Batch ID WCJ-071703-SULF Method: E375.4 Matrix: Water **Ref. Sample:** J033665-01 **Client Sample ID:** 1

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Sulfate (as SO4)	50	mg/L	98	150	160	112	116	75 - 125	3.5	

QC Batch ID wct070703toc1 Method: E415.1 Matrix: Water **Ref. Sample:** J033492-01 **Client Sample ID:** SW-2

Analyte	Spike Level	Units	Sample Result	Spike Result MS	MSD	MS %R	MSD %R	Range	%RPD	Qualifier
Total Organic Carbon	20	mg/L	8.7	30	30	106	105	90 - 110	0.76	

Quality Assurance Qualifiers:

J4 The sample matrix interfered with the ability to make an accurate determination.

Definitions:

Water matrix refers to all aqueous matrices, including but not limited to, drinking water, wastewater, ground water, surface water, aqueous wastes and leachates
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.

The estimated measurements of uncertainty can be provided upon request

This is the last page of the analytical report.

SEVERN TRENT STL

ANALYTICAL REPORT

Project No. Site 1107

Trail Ridge Landfill

Lot #: D3G030362

Groundwater

Mark Behel

Waste Management, Inc.
5110 Highway 301
Baldwin, FL 32234

STL DENVER

Gail DeRuzzo
Project Manager

July 22, 2003

Case Narrative

Enclosed is the report for five samples received at STL Denver on July 3, 2003. The results included in this report have been reviewed for compliance with STL's Laboratory Quality Manual. The test results shown in this report meet all requirements of NELAC and any exceptions are noted below. STL's Florida certification number is E87667.

This report may include reporting limits (RLs) less than STL Denver's standard reporting limit. The reported sample results and associated reporting limits are being used specifically to meet the needs of this project. Note that data are not normally reported to these levels without qualification because they are inherently less reliable and potentially less defensible than required by the latest industry standards.

Dilution factors and footnotes have been provided to assist in the interpretation of the results. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at concentrations above the linear calibration curve, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

STL utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameters listed on the analytical methods summary page in accordance with the methods indicated. A summary of quality control parameters is provided below.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Quality Control Summary for Lot D3F030362

Sample Receiving

- The cooler temperatures upon receipt at the Denver laboratory were 2.1°C, 3.8°C, and 1.1°C.
- All sample bottles were received in acceptable condition.

Holding Times

- All holding times were within established control limits.

Method Blanks

- All Method Blanks were within established control limits.

Laboratory Control Samples (LCS)

- The Laboratory Control Sample Duplicate (LCSD) was above control limits for the analyte Endrin Method 8081A. These results are considered to be biased high. Because the LCS was within control limits, and all associated samples were non-detect no corrective action was taken.
- All other Laboratory Control Samples were within established control limits.

Lot #: D3G030362

Matrix Spike (MS) and Matrix Spike Duplicate (MSD)

- The method required MS/MSD could not be performed for Methods 8270C, 8081A, 8082, and 8151A due to insufficient sample volume, however, a LCS/LCSD pair was analyzed to demonstrate method precision.

- All other MS and MSD samples were within established control limits.

Organics

- The Continuing Calibration Verification (CCV) standard for Methoxychlor, Heptachlor, Kepone, 4,4'-DDD, and 4,4'-DDT by Method 8081A exceeded the percent difference limits. However, the overall mean percent difference is within control limits, therefore, the CCV is also in control and no corrective action was necessary. Additionally, all associated samples were non-detect.

- Sample MWB2S was observed to have a pH of 5.0 for Method 8081A. This method requires a neutral pH.

EXECUTIVE SUMMARY - Detection Highlights

D3G030362

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
MWB34S 07/01/03 13:58 001				
Vinyl chloride	2.0	1.0	ug/L	SW846 8260B

METHODS SUMMARY

D3G030362

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Chlorinated Herbicides by GC	SW846 8151A	SW846 8151A
Organochlorine Pesticides	SW846 8081A	SW846 3510C
PCBs by SW-846 8082	SW846 8082	SW846 3510C
Semivolatile Organic Compounds by GC/MS	SW846 8270C	SW846 3520C
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B/826

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

METHOD / ANALYST SUMMARY

D3G030362

ANALYTICAL METHOD	ANALYST	ANALYST ID
SW846 8081A	Dennis Jonsrud	009226
SW846 8082	Roger Bain	018049
SW846 8151A	Heather Dybas	038161
SW846 8260B	Mike G. Hoffman	001880
SW846 8270C	Judy Murray	016800

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

D3G030362

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
FRRE5	001	MWB34S	07/01/03	13:58
FRRE8	002	MWB2S	07/01/03	10:42
FRRE9	003	MWB23S	07/01/03	17:26
FRRFD	004	MWB14S	07/01/03	16:07
FRRFF	005	TRIP	07/01/03	

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.

WASTE MANAGEMENT

Client Sample ID: MWB34S

GC/MS Volatiles

Lot-Sample #...: D3G030362-001 Work Order #...: FRRE51AF Matrix.....: WATER
Date Sampled...: 07/01/03 13:58 Date Received..: 07/03/03
Prep Date.....: 07/11/03 Analysis Date..: 07/11/03
Prep Batch #...: 3196382 Analysis Time..: 15:41
Dilution Factor: 1
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	10	ug/L
Acetonitrile	ND	20	ug/L
Acrolein	ND	20	ug/L
Acrylonitrile	ND	20	ug/L
Benzene	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	2.0	ug/L
Carbon disulfide	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Chloroprene	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Chloroethane	ND	2.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	2.0	ug/L
3-Chloropropene	ND	10	ug/L
Dibromomethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
trans-1,4-Dichloro-2-butene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	2.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	0.50	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
1,3-Dichloropropane	ND	1.0	ug/L
2,2-Dichloropropane	ND	5.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
1,4-Dioxane	ND	200	ug/L
Ethylbenzene	ND	1.0	ug/L

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WASTE MANAGEMENT

Client Sample ID: MWB34S

GC/MS Volatiles

Lot-Sample #...: D3G030362-001 **Work Order #...:** FRRE51AF **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Ethyl methacrylate	ND	1.0	ug/L
Trichlorofluoromethane	ND	2.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
Iodomethane	ND	1.0	ug/L
Isobutyl alcohol	ND	50	ug/L
Methacrylonitrile	ND	10	ug/L
Methylene chloride	ND	5.0	ug/L
Methyl methacrylate	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
Propionitrile	ND	20	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,4-Trichlorobenzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
Vinyl acetate	ND	2.0	ug/L
Vinyl chloride	**2.0**	**1.0**	**ug/L**
Xylenes (total)	ND	2.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	2.0	ug/L
1,2-Dibromoethane (EDB)	ND	1.0	ug/L
2-Butanone (MEK)	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	92	(82 - 122)
1,2-Dichloroethane-d4	100	(67 - 134)
4-Bromofluorobenzene	92	(79 - 119)
Toluene-d8	92	(82 - 122)

WASTE MANAGEMENT

Client Sample ID: MWB2S

GC/MS Volatiles

Lot-Sample #...: D3G030362-002 Work Order #...: FRRE81AF Matrix.....: WATER
Date Sampled...: 07/01/03 10:42 Date Received..: 07/03/03
Prep Date.....: 07/11/03 Analysis Date..: 07/11/03
Prep Batch #...: 3196382 Analysis Time..: 16:01
Dilution Factor: 1
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	10	ug/L
Acetonitrile	ND	20	ug/L
Acrolein	ND	20	ug/L
Acrylonitrile	ND	20	ug/L
Benzene	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	2.0	ug/L
Carbon disulfide	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Chloroprene	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Chloroethane	ND	2.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	2.0	ug/L
3-Chloropropene	ND	10	ug/L
Dibromomethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
trans-1,4-Dichloro-2-butene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	2.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	0.50	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
1,3-Dichloropropane	ND	1.0	ug/L
2,2-Dichloropropane	ND	5.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
1,4-Dioxane	ND	200	ug/L
Ethylbenzene	ND	1.0	ug/L

(Continued on next page)

WASTE MANAGEMENT

Client Sample ID: MWB2S

GC/MS Volatiles

Lot-Sample #...: D3G030362-002 Work Order #...: FRRE81AF Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Ethyl methacrylate	ND	1.0	ug/L
Trichlorofluoromethane	ND	2.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
Iodomethane	ND	1.0	ug/L
Isobutyl alcohol	ND	50	ug/L
Methacrylonitrile	ND	10	ug/L
Methylene chloride	ND	5.0	ug/L
Methyl methacrylate	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
Propionitrile	ND	20	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
Vinyl acetate	ND	2.0	ug/L
Vinyl chloride	ND	1.0	ug/L
Xylenes (total)	ND	2.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	2.0	ug/L
1,2-Dibromoethane (EDB)	ND	1.0	ug/L
2-Butanone (MEK)	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	93	(82 - 122)
1,2-Dichloroethane-d4	102	(67 - 134)
4-Bromofluorobenzene	95	(79 - 119)
Toluene-d8	91	(82 - 122)

WASTE MANAGEMENT

Client Sample ID: MWB23S

GC/MS Volatiles

Lot-Sample #...: D3G030362-003 **Work Order #...:** FRRE91AF **Matrix.....:** WATER
Date Sampled...: 07/01/03 17:26 **Date Received..:** 07/03/03
Prep Date.....: 07/11/03 **Analysis Date..:** 07/11/03
Prep Batch #...: 3196382 **Analysis Time..:** 16:22
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	10	ug/L
Acetonitrile	ND	20	ug/L
Acrolein	ND	20	ug/L
Acrylonitrile	ND	20	ug/L
Benzene	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	2.0	ug/L
Carbon disulfide	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Chloroprene	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Chloroethane	ND	2.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	2.0	ug/L
3-Chloropropene	ND	10	ug/L
Dibromomethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
trans-1,4-Dichloro-2-butene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	2.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	0.50	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
1,3-Dichloropropane	ND	1.0	ug/L
2,2-Dichloropropane	ND	5.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
1,4-Dioxane	ND	200	ug/L
Ethylbenzene	ND	1.0	ug/L

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WASTE MANAGEMENT

Client Sample ID: MWB23S

GC/MS Volatiles

Lot-Sample #...: D3G030362-003 **Work Order #...:** FRRE91AF **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Ethyl methacrylate	ND	1.0	ug/L
Trichlorofluoromethane	ND	2.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
Iodomethane	ND	1.0	ug/L
Isobutyl alcohol	ND	50	ug/L
Methacrylonitrile	ND	10	ug/L
Methylene chloride	ND	5.0	ug/L
Methyl methacrylate	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
Propionitrile	ND	20	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
Vinyl acetate	ND	2.0	ug/L
Vinyl chloride	ND	1.0	ug/L
Xylenes (total)	ND	2.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	2.0	ug/L
1,2-Dibromoethane (EDB)	ND	1.0	ug/L
2-Butanone (MEK)	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	93	(82 - 122)
1,2-Dichloroethane-d4	102	(67 - 134)
4-Bromofluorobenzene	95	(79 - 119)
Toluene-d8	91	(82 - 122)

WASTE MANAGEMENT

Client Sample ID: MWB14S

GC/MS Volatiles

Lot-Sample #...: D3G030362-004 Work Order #...: FRRFD1AF Matrix.....: WATER
Date Sampled...: 07/01/03 16:07 Date Received..: 07/03/03
Prep Date.....: 07/11/03 Analysis Date..: 07/11/03
Prep Batch #...: 3196382 Analysis Time..: 16:42
Dilution Factor: 1
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	10	ug/L
Acetonitrile	ND	20	ug/L
Acrolein	ND	20	ug/L
Acrylonitrile	ND	20	ug/L
Benzene	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	2.0	ug/L
Carbon disulfide	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Chloroprene	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Chloroethane	ND	2.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	2.0	ug/L
3-Chloropropene	ND	10	ug/L
Dibromomethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
trans-1,4-Dichloro-2-butene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	2.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	0.50	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
1,3-Dichloropropane	ND	1.0	ug/L
2,2-Dichloropropane	ND	5.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
1,4-Dioxane	ND	200	ug/L
Ethylbenzene	ND	1.0	ug/L

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WASTE MANAGEMENT

Client Sample ID: MWB14S

GC/MS Volatiles

Lot-Sample #...: D3G030362-004 Work Order #...: FRRFD1AF Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Ethyl methacrylate	ND	1.0	ug/L
Trichlorofluoromethane	ND	2.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
Iodomethane	ND	1.0	ug/L
Isobutyl alcohol	ND	50	ug/L
Methacrylonitrile	ND	10	ug/L
Methylene chloride	ND	5.0	ug/L
Methyl methacrylate	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
Propionitrile	ND	20	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
Vinyl acetate	ND	2.0	ug/L
Vinyl chloride	ND	1.0	ug/L
Xylenes (total)	ND	2.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	2.0	ug/L
1,2-Dibromoethane (EDB)	ND	1.0	ug/L
2-Butanone (MEK)	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	93	(82 - 122)
1,2-Dichloroethane-d4	101	(67 - 134)
4-Bromofluorobenzene	94	(79 - 119)
Toluene-d8	89	(82 - 122)

WASTE MANAGEMENT

Client Sample ID: TRIP

GC/MS Volatiles

Lot-Sample #...: D3G030362-005 **Work Order #...:** FRRFF1AA **Matrix.....:** WATER
Date Sampled...: 07/01/03 **Date Received..:** 07/03/03
Prep Date.....: 07/11/03 **Analysis Date..:** 07/11/03
Prep Batch #...: 3196382 **Analysis Time..:** 17:02
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	10	ug/L
Acetonitrile	ND	20	ug/L
Acrolein	ND	20	ug/L
Acrylonitrile	ND	20	ug/L
Benzene	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	2.0	ug/L
Carbon disulfide	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Chloroprene	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Chloroethane	ND	2.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	2.0	ug/L
3-Chloropropene	ND	10	ug/L
Dibromomethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
trans-1,4-Dichloro-2-butene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	2.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	0.50	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
1,3-Dichloropropane	ND	1.0	ug/L
2,2-Dichloropropane	ND	5.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
1,4-Dioxane	ND	200	ug/L
Ethylbenzene	ND	1.0	ug/L

(Continued on next page)

WASTE MANAGEMENT

Client Sample ID: TRIP

GC/MS Volatiles

Lot-Sample #...: D3G030362-005 **Work Order #...:** FRRFF1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Ethyl methacrylate	ND	1.0	ug/L
Trichlorofluoromethane	ND	2.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
Iodomethane	ND	1.0	ug/L
Isobutyl alcohol	ND	50	ug/L
Methacrylonitrile	ND	10	ug/L
Methylene chloride	ND	5.0	ug/L
Methyl methacrylate	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
Propionitrile	ND	20	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,4-Trichlorobenzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
Vinyl acetate	ND	2.0	ug/L
Vinyl chloride	ND	1.0	ug/L
Xylenes (total)	ND	2.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	2.0	ug/L
1,2-Dibromoethane (EDB)	ND	1.0	ug/L
2-Butanone (MEK)	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	94	(82 - 122)
1,2-Dichloroethane-d4	103	(67 - 134)
4-Bromofluorobenzene	94	(79 - 119)
Toluene-d8	89	(82 - 122)

WASTE MANAGEMENT

Client Sample ID: MWB34S

GC/MS Semivolatiles

Lot-Sample #...: D3G030362-001 **Work Order #...:** FRRE51AA **Matrix.....:** WATER
Date Sampled...: 07/01/03 13:58 **Date Received..:** 07/03/03
Prep Date.....: 07/04/03 **Analysis Date..:** 07/08/03
Prep Batch #...: 3185108 **Analysis Time..:** 00:41
Dilution Factor: 1
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acenaphthene	ND	10	ug/L
Acenaphthylene	ND	10	ug/L
Acetophenone	ND	10	ug/L
2-Acetylaminofluorene	ND	100	ug/L
4-Aminobiphenyl	ND	50	ug/L
Anthracene	ND	10	ug/L
Benzo(a)anthracene	ND	10	ug/L
Benzo(b)fluoranthene	ND	10	ug/L
Benzo(k)fluoranthene	ND	10	ug/L
Benzo(ghi)perylene	ND	10	ug/L
Benzo(a)pyrene	ND	10	ug/L
Benzyl alcohol	ND	10	ug/L
bis(2-Chloroethoxy) methane	ND	10	ug/L
bis(2-Chloroethyl)- ether	ND	10	ug/L
bis(2-Ethylhexyl) phthalate	ND	10	ug/L
4-Bromophenyl phenyl ether	ND	10	ug/L
Butyl benzyl phthalate	ND	10	ug/L
4-Chloroaniline	ND	10	ug/L
Chlorobenzilate	ND	10	ug/L
4-Chloro-3-methylphenol	ND	10	ug/L
2-Chloronaphthalene	ND	10	ug/L
2-Chlorophenol	ND	10	ug/L
4-Chlorophenyl phenyl ether	ND	10	ug/L
Chrysene	ND	10	ug/L
Diallate	ND	20	ug/L
Dibenz(a,h)anthracene	ND	10	ug/L
Dibenzofuran	ND	10	ug/L
Di-n-butyl phthalate	ND	10	ug/L
3,3'-Dichlorobenzidine	ND	50	ug/L
2,4-Dichlorophenol	ND	10	ug/L
2,6-Dichlorophenol	ND	10	ug/L
Diethyl phthalate	ND	10	ug/L
Dimethoate	ND	20	ug/L

(Continued on next page)

WASTE MANAGEMENT

Client Sample ID: MWB34S

GC/MS Semivolatiles

Lot-Sample #...: D3G030362-001 Work Order #...: FRRE51AA Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
4-Dimethylaminoazobenzene	ND	20	ug/L
7,12-Dimethylbenz(a)-anthracene	ND	20	ug/L
3,3'-Dimethylbenzidine	ND	20	ug/L
2,4-Dimethylphenol	ND	10	ug/L
Dimethyl phthalate	ND	10	ug/L
1,3-Dinitrobenzene	ND	10	ug/L
4,6-Dinitro-2-methylphenol	ND	50	ug/L
2,4-Dinitrophenol	ND	50	ug/L
2,4-Dinitrotoluene	ND	10	ug/L
2,6-Dinitrotoluene	ND	10	ug/L
Dinoseb	ND	10	ug/L
Di-n-octyl phthalate	ND	10	ug/L
Diphenylamine	ND	10	ug/L
Disulfoton	ND	50	ug/L
Ethyl methanesulfonate	ND	10	ug/L
Famphur	ND	200	ug/L
Fluoranthene	ND	10	ug/L
Fluorene	ND	10	ug/L
Hexachlorobenzene	ND	10	ug/L
Hexachlorobutadiene	ND	10	ug/L
Hexachlorocyclopenta-diene	ND	50	ug/L
Hexachloroethane	ND	10	ug/L
Hexachloropropene	ND	100	ug/L
Indeno(1,2,3-cd)pyrene	ND	10	ug/L
Isodrin	ND	10	ug/L
Isophorone	ND	10	ug/L
Isosafrole	ND	20	ug/L
Methapyrilene	ND	50	ug/L
3-Methylcholanthrene	ND	20	ug/L
Methyl methanesulfonate	ND	10	ug/L
2-Methylnaphthalene	ND	10	ug/L
Methyl parathion	ND	50	ug/L
2-Methylphenol	ND	10	ug/L
3-Methylphenol & 4-Methylphenol	ND	10	ug/L
Naphthalene	ND	10	ug/L
1,4-Naphthoquinone	ND	50	ug/L
1-Naphthylamine	ND	10	ug/L
2-Naphthylamine	ND	10	ug/L
2-Nitroaniline	ND	50	ug/L

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WASTE MANAGEMENT

Client Sample ID: MWB34S

GC/MS Semivolatiles

Lot-Sample #...: D3G030362-001 Work Order #...: FRRE51AA Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
3-Nitroaniline	ND	50	ug/L
4-Nitroaniline	ND	50	ug/L
Nitrobenzene	ND	10	ug/L
2-Nitrophenol	ND	10	ug/L
4-Nitrophenol	ND	50	ug/L
N-Nitrosodi-n-butylamine	ND	10	ug/L
N-Nitrosodiethylamine	ND	10	ug/L
N-Nitrosodimethylamine	ND	10	ug/L
N-Nitrosodiphenylamine	ND	10	ug/L
N-Nitrosodi-n-propyl-amine	ND	10	ug/L
N-Nitrosomethylethylamine	ND	10	ug/L
N-Nitrosopiperidine	ND	10	ug/L
N-Nitrosopyrrolidine	ND	10	ug/L
5-Nitro-o-toluidine	ND	20	ug/L
2,2'-oxybis(1-Chloropropane)	ND	10	ug/L
Parathion	ND	50	ug/L
Pentachlorobenzene	ND	10	ug/L
Pentachloronitrobenzene	ND	50	ug/L
Pentachlorophenol	ND	50	ug/L
Phenacetin	ND	20	ug/L
Phenanthrene	ND	10	ug/L
Phenol	ND	10	ug/L
4-Phenylenediamine	ND	100	ug/L
Phorate	ND	50	ug/L
Pronamide	ND	20	ug/L
Pyrene	ND	10	ug/L
Safrole	ND	50	ug/L
1,2,4,5-Tetrachloro-benzene	ND	10	ug/L
2,3,4,6-Tetrachlorophenol	ND	50	ug/L
Thionazin	ND	10	ug/L
o-Toluidine	ND	10	ug/L
1,2,4-Trichloro-benzene	ND	10	ug/L
2,4,5-Trichloro-phenol	ND	10	ug/L
2,4,6-Trichloro-phenol	ND	10	ug/L
O,O,O-Triethylphosphoro-thioate	ND	50	ug/L
1,3,5-Trinitrobenzene	ND	50	ug/L

(Continued on next page)

WASTE MANAGEMENT

Client Sample ID: MWB34S

GC/MS Semivolatiles

Lot-Sample #...: D3G030362-001 Work Order #...: FRRE51AA Matrix.....: WATER

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	71	(44 - 105)
Phenol-d5	69	(45 - 107)
Nitrobenzene-d5	66	(52 - 109)
2-Fluorobiphenyl	63	(40 - 103)
2,4,6-Tribromophenol	75	(48 - 109)
Terphenyl-d14	75	(39 - 115)

WASTE MANAGEMENT

Client Sample ID: MWB2S

GC/MS Semivolatiles

Lot-Sample #...: D3G030362-002 Work Order #...: FRRE81AA Matrix.....: WATER
Date Sampled...: 07/01/03 10:42 Date Received..: 07/03/03
Prep Date.....: 07/04/03 Analysis Date..: 07/08/03
Prep Batch #...: 3185108 Analysis Time..: 01:05
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acenaphthene	ND	10	ug/L
Acenaphthylene	ND	10	ug/L
Acetophenone	ND	10	ug/L
2-Acetylaminofluorene	ND	100	ug/L
4-Aminobiphenyl	ND	50	ug/L
Anthracene	ND	10	ug/L
Benzo(a)anthracene	ND	10	ug/L
Benzo(b)fluoranthene	ND	10	ug/L
Benzo(k)fluoranthene	ND	10	ug/L
Benzo(ghi)perylene	ND	10	ug/L
Benzo(a)pyrene	ND	10	ug/L
Benzyl alcohol	ND	10	ug/L
bis(2-Chloroethoxy) methane	ND	10	ug/L
bis(2-Chloroethyl)-ether	ND	10	ug/L
bis(2-Ethylhexyl) phthalate	ND	10	ug/L
4-Bromophenyl phenyl ether	ND	10	ug/L
Butyl benzyl phthalate	ND	10	ug/L
4-Chloroaniline	ND	10	ug/L
Chlorobenzilate	ND	10	ug/L
4-Chloro-3-methylphenol	ND	10	ug/L
2-Chloronaphthalene	ND	10	ug/L
2-Chlorophenol	ND	10	ug/L
4-Chlorophenyl phenyl ether	ND	10	ug/L
Chrysene	ND	10	ug/L
Diallate	ND	20	ug/L
Dibenz(a,h)anthracene	ND	10	ug/L
Dibenzofuran	ND	10	ug/L
Di-n-butyl phthalate	ND	10	ug/L
3,3'-Dichlorobenzidine	ND	50	ug/L
2,4-Dichlorophenol	ND	10	ug/L
2,6-Dichlorophenol	ND	10	ug/L
Diethyl phthalate	ND	10	ug/L
Dimethoate	ND	20	ug/L

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WASTE MANAGEMENT

Client Sample ID: MWB2S

GC/MS Semivolatiles

Lot-Sample #...: D3G030362-002 **Work Order #...:** FRRE81AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
4-Dimethylaminoazobenzene	ND	20	ug/L
7,12-Dimethylbenz(a)-anthracene	ND	20	ug/L
3,3'-Dimethylbenzidine	ND	20	ug/L
2,4-Dimethylphenol	ND	10	ug/L
Dimethyl phthalate	ND	10	ug/L
1,3-Dinitrobenzene	ND	10	ug/L
4,6-Dinitro-2-methylphenol	ND	50	ug/L
2,4-Dinitrophenol	ND	50	ug/L
2,4-Dinitrotoluene	ND	10	ug/L
2,6-Dinitrotoluene	ND	10	ug/L
Dinoseb	ND	10	ug/L
Di-n-octyl phthalate	ND	10	ug/L
Diphenylamine	ND	10	ug/L
Disulfoton	ND	50	ug/L
Ethyl methanesulfonate	ND	10	ug/L
Famphur	ND	200	ug/L
Fluoranthene	ND	10	ug/L
Fluorene	ND	10	ug/L
Hexachlorobenzene	ND	10	ug/L
Hexachlorobutadiene	ND	10	ug/L
Hexachlorocyclopentadiene	ND	50	ug/L
Hexachloroethane	ND	10	ug/L
Hexachloropropene	ND	100	ug/L
Indeno(1,2,3-cd)pyrene	ND	10	ug/L
Isodrin	ND	10	ug/L
Isophorone	ND	10	ug/L
Isosafrole	ND	20	ug/L
Methapyrilene	ND	50	ug/L
3-Methylcholanthrene	ND	20	ug/L
Methyl methanesulfonate	ND	10	ug/L
2-Methylnaphthalene	ND	10	ug/L
Methyl parathion	ND	50	ug/L
2-Methylphenol	ND	10	ug/L
3-Methylphenol & 4-Methylphenol	ND	10	ug/L
Naphthalene	ND	10	ug/L
1,4-Naphthoquinone	ND	50	ug/L
1-Naphthylamine	ND	10	ug/L
2-Naphthylamine	ND	10	ug/L
2-Nitroaniline	ND	50	ug/L

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WASTE MANAGEMENT

Client Sample ID: MWB2S

GC/MS Semivolatiles

Lot-Sample #...: D3G030362-002 Work Order #...: FRRE81AA Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
3-Nitroaniline	ND	50	ug/L
4-Nitroaniline	ND	50	ug/L
Nitrobenzene	ND	10	ug/L
2-Nitrophenol	ND	10	ug/L
4-Nitrophenol	ND	50	ug/L
N-Nitrosodi-n-butylamine	ND	10	ug/L
N-Nitrosodiethylamine	ND	10	ug/L
N-Nitrosodimethylamine	ND	10	ug/L
N-Nitrosodiphenylamine	ND	10	ug/L
N-Nitrosodi-n-propyl-amine	ND	10	ug/L
N-Nitrosomethylethylamine	ND	10	ug/L
N-Nitrosopiperidine	ND	10	ug/L
N-Nitrosopyrrolidine	ND	10	ug/L
5-Nitro-o-toluidine	ND	20	ug/L
2,2'-oxybis(1-Chloropropane)	ND	10	ug/L
Parathion	ND	50	ug/L
Pentachlorobenzene	ND	10	ug/L
Pentachloronitrobenzene	ND	50	ug/L
Pentachlorophenol	ND	50	ug/L
Phenacetin	ND	20	ug/L
Phenanthrene	ND	10	ug/L
Phenol	ND	10	ug/L
4-Phenylenediamine	ND	100	ug/L
Phorate	ND	50	ug/L
Pronamide	ND	20	ug/L
Pyrene	ND	10	ug/L
Safrole	ND	50	ug/L
1,2,4,5-Tetrachloro-benzene	ND	10	ug/L
2,3,4,6-Tetrachlorophenol	ND	50	ug/L
Thionazin	ND	10	ug/L
o-Toluidine	ND	10	ug/L
1,2,4-Trichloro-benzene	ND	10	ug/L
2,4,5-Trichloro-phenol	ND	10	ug/L
2,4,6-Trichloro-phenol	ND	10	ug/L
O,O,O-Triethylphosphoro-thioate	ND	50	ug/L
1,3,5-Trinitrobenzene	ND	50	ug/L

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WASTE MANAGEMENT

Client Sample ID: MWB2S

GC/MS Semivolatiles

Lot-Sample #...: D3G030362-002 Work Order #...: FRRE81AA Matrix.....: WATER

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	66	(44 - 105)
Phenol-d5	63	(45 - 107)
Nitrobenzene-d5	60	(52 - 109)
2-Fluorobiphenyl	52	(40 - 103)
2,4,6-Tribromophenol	65	(48 - 109)
Terphenyl-d14	67	(39 - 115)

WASTE MANAGEMENT

Client Sample ID: MWB23S

GC/MS Semivolatiles

Lot-Sample #...: D3G030362-003 Work Order #...: FRRE91AA Matrix.....: WATER
Date Sampled...: 07/01/03 17:26 Date Received..: 07/03/03
Prep Date.....: 07/04/03 Analysis Date..: 07/08/03
Prep Batch #...: 3185108 Analysis Time..: 01:29
Dilution Factor: 1
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acenaphthene	ND	10	ug/L
Acenaphthylene	ND	10	ug/L
Acetophenone	ND	10	ug/L
2-Acetylaminofluorene	ND	100	ug/L
4-Aminobiphenyl	ND	50	ug/L
Anthracene	ND	10	ug/L
Benzo(a)anthracene	ND	10	ug/L
Benzo(b)fluoranthene	ND	10	ug/L
Benzo(k)fluoranthene	ND	10	ug/L
Benzo(ghi)perylene	ND	10	ug/L
Benzo(a)pyrene	ND	10	ug/L
Benzyl alcohol	ND	10	ug/L
bis(2-Chloroethoxy) methane	ND	10	ug/L
bis(2-Chloroethyl)-ether	ND	10	ug/L
bis(2-Ethylhexyl) phthalate	ND	10	ug/L
4-Bromophenyl phenyl ether	ND	10	ug/L
Butyl benzyl phthalate	ND	10	ug/L
4-Chloroaniline	ND	10	ug/L
Chlorobenzilate	ND	10	ug/L
4-Chloro-3-methylphenol	ND	10	ug/L
2-Chloronaphthalene	ND	10	ug/L
2-Chlorophenol	ND	10	ug/L
4-Chlorophenyl phenyl ether	ND	10	ug/L
Chrysene	ND	10	ug/L
Diallate	ND	20	ug/L
Dibenz(a,h)anthracene	ND	10	ug/L
Dibenzofuran	ND	10	ug/L
Di-n-butyl phthalate	ND	10	ug/L
3,3'-Dichlorobenzidine	ND	50	ug/L
2,4-Dichlorophenol	ND	10	ug/L
2,6-Dichlorophenol	ND	10	ug/L
Diethyl phthalate	ND	10	ug/L
Dimethoate	ND	20	ug/L

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WASTE MANAGEMENT

Client Sample ID: MWB23S

GC/MS Semivolatiles

Lot-Sample #...: D3G030362-003 Work Order #...: FRRE91AA Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
4-Dimethylaminoazobenzene	ND	20	ug/L
7,12-Dimethylbenz(a)-anthracene	ND	20	ug/L
3,3'-Dimethylbenzidine	ND	20	ug/L
2,4-Dimethylphenol	ND	10	ug/L
Dimethyl phthalate	ND	10	ug/L
1,3-Dinitrobenzene	ND	10	ug/L
4,6-Dinitro-2-methylphenol	ND	50	ug/L
2,4-Dinitrophenol	ND	50	ug/L
2,4-Dinitrotoluene	ND	10	ug/L
2,6-Dinitrotoluene	ND	10	ug/L
Dinoseb	ND	10	ug/L
Di-n-octyl phthalate	ND	10	ug/L
Diphenylamine	ND	10	ug/L
Disulfoton	ND	50	ug/L
Ethyl methanesulfonate	ND	10	ug/L
Famphur	ND	200	ug/L
Fluoranthene	ND	10	ug/L
Fluorene	ND	10	ug/L
Hexachlorobenzene	ND	10	ug/L
Hexachlorobutadiene	ND	10	ug/L
Hexachlorocyclopentadiene	ND	50	ug/L
Hexachloroethane	ND	10	ug/L
Hexachloropropene	ND	100	ug/L
Indeno(1,2,3-cd)pyrene	ND	10	ug/L
Isodrin	ND	10	ug/L
Isophorone	ND	10	ug/L
Isosafrole	ND	20	ug/L
Methapyrilene	ND	50	ug/L
3-Methylcholanthrene	ND	20	ug/L
Methyl methanesulfonate	ND	10	ug/L
2-Methylnaphthalene	ND	10	ug/L
Methyl parathion	ND	50	ug/L
2-Methylphenol	ND	10	ug/L
3-Methylphenol & 4-Methylphenol	ND	10	ug/L
Naphthalene	ND	10	ug/L
1,4-Naphthoquinone	ND	50	ug/L
1-Naphthylamine	ND	10	ug/L
2-Naphthylamine	ND	10	ug/L
2-Nitroaniline	ND	50	ug/L

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WASTE MANAGEMENT

Client Sample ID: MWB23S

GC/MS Semivolatiles

Lot-Sample #...: D3G030362-003 Work Order #...: FRRE91AA Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
3-Nitroaniline	ND	50	ug/L
4-Nitroaniline	ND	50	ug/L
Nitrobenzene	ND	10	ug/L
2-Nitrophenol	ND	10	ug/L
4-Nitrophenol	ND	50	ug/L
N-Nitrosodi-n-butylamine	ND	10	ug/L
N-Nitrosodiethylamine	ND	10	ug/L
N-Nitrosodimethylamine	ND	10	ug/L
N-Nitrosodiphenylamine	ND	10	ug/L
N-Nitrosodi-n-propyl-amine	ND	10	ug/L
N-Nitrosomethylethylamine	ND	10	ug/L
N-Nitrosopiperidine	ND	10	ug/L
N-Nitrosopyrrolidine	ND	10	ug/L
5-Nitro-o-toluidine	ND	20	ug/L
2,2'-oxybis(1-Chloropropane)	ND	10	ug/L
Parathion	ND	50	ug/L
Pentachlorobenzene	ND	10	ug/L
Pentachloronitrobenzene	ND	50	ug/L
Pentachlorophenol	ND	50	ug/L
Phenacetin	ND	20	ug/L
Phenanthrene	ND	10	ug/L
Phenol	ND	10	ug/L
4-Phenylenediamine	ND	100	ug/L
Phorate	ND	50	ug/L
Pronamide	ND	20	ug/L
Pyrene	ND	10	ug/L
Safrole	ND	50	ug/L
1,2,4,5-Tetrachloro-benzene	ND	10	ug/L
2,3,4,6-Tetrachlorophenol	ND	50	ug/L
Thionazin	ND	10	ug/L
o-Toluidine	ND	10	ug/L
1,2,4-Trichloro-benzene	ND	10	ug/L
2,4,5-Trichloro-phenol	ND	10	ug/L
2,4,6-Trichloro-phenol	ND	10	ug/L
O,O,O-Triethylphosphoro-thioate	ND	50	ug/L
1,3,5-Trinitrobenzene	ND	50	ug/L

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WASTE MANAGEMENT

Client Sample ID: MWB23S

GC/MS Semivolatiles

Lot-Sample #...: D3G030362-003 Work Order #...: FRRE91AA Matrix.....: WATER

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	49	(44 - 105)
Phenol-d5	48	(45 - 107)
Nitrobenzene-d5	56	(52 - 109)
2-Fluorobiphenyl	46	(40 - 103)
2,4,6-Tribromophenol	55	(48 - 109)
Terphenyl-d14	57	(39 - 115)

WASTE MANAGEMENT

Client Sample ID: MWB14S

GC/MS Semivolatiles

Lot-Sample #...: D3G030362-004 **Work Order #...:** FRRFD1AA **Matrix.....:** WATER
Date Sampled...: 07/01/03 16:07 **Date Received..:** 07/03/03
Prep Date.....: 07/04/03 **Analysis Date..:** 07/08/03
Prep Batch #...: 3185108 **Analysis Time..:** 01:53
Dilution Factor: 1
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acenaphthene	ND	10	ug/L
Acenaphthylene	ND	10	ug/L
Acetophenone	ND	10	ug/L
2-Acetylaminofluorene	ND	100	ug/L
4-Aminobiphenyl	ND	50	ug/L
Anthracene	ND	10	ug/L
Benzo(a)anthracene	ND	10	ug/L
Benzo(b)fluoranthene	ND	10	ug/L
Benzo(k)fluoranthene	ND	10	ug/L
Benzo(ghi)perylene	ND	10	ug/L
Benzo(a)pyrene	ND	10	ug/L
Benzyl alcohol	ND	10	ug/L
bis(2-Chloroethoxy) methane	ND	10	ug/L
bis(2-Chloroethyl)-ether	ND	10	ug/L
bis(2-Ethylhexyl) phthalate	ND	10	ug/L
4-Bromophenyl phenyl ether	ND	10	ug/L
Butyl benzyl phthalate	ND	10	ug/L
4-Chloroaniline	ND	10	ug/L
Chlorobenzilate	ND	10	ug/L
4-Chloro-3-methylphenol	ND	10	ug/L
2-Chloronaphthalene	ND	10	ug/L
2-Chlorophenol	ND	10	ug/L
4-Chlorophenyl phenyl ether	ND	10	ug/L
Chrysene	ND	10	ug/L
Diallate	ND	20	ug/L
Dibenz(a,h)anthracene	ND	10	ug/L
Dibenzofuran	ND	10	ug/L
Di-n-butyl phthalate	ND	10	ug/L
3,3'-Dichlorobenzidine	ND	50	ug/L
2,4-Dichlorophenol	ND	10	ug/L
2,6-Dichlorophenol	ND	10	ug/L
Diethyl phthalate	ND	10	ug/L
Dimethoate	ND	20	ug/L

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WASTE MANAGEMENT

Client Sample ID: MWB14S

GC/MS Semivolatiles

Lot-Sample #...: D3G030362-004 Work Order #...: FRRFD1AA Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
4-Dimethylaminoazobenzene	ND	20	ug/L
7,12-Dimethylbenz(a)-anthracene	ND	20	ug/L
3,3'-Dimethylbenzidine	ND	20	ug/L
2,4-Dimethylphenol	ND	10	ug/L
Dimethyl phthalate	ND	10	ug/L
1,3-Dinitrobenzene	ND	10	ug/L
4,6-Dinitro-2-methylphenol	ND	50	ug/L
2,4-Dinitrophenol	ND	50	ug/L
2,4-Dinitrotoluene	ND	10	ug/L
2,6-Dinitrotoluene	ND	10	ug/L
Dinoseb	ND	10	ug/L
Di-n-octyl phthalate	ND	10	ug/L
Diphenylamine	ND	10	ug/L
Disulfoton	ND	50	ug/L
Ethyl methanesulfonate	ND	10	ug/L
Famphur	ND	200	ug/L
Fluoranthene	ND	10	ug/L
Fluorene	ND	10	ug/L
Hexachlorobenzene	ND	10	ug/L
Hexachlorobutadiene	ND	10	ug/L
Hexachlorocyclopenta-diene	ND	50	ug/L
Hexachloroethane	ND	10	ug/L
Hexachloropropene	ND	100	ug/L
Indeno(1,2,3-cd)pyrene	ND	10	ug/L
Isodrin	ND	10	ug/L
Isophorone	ND	10	ug/L
Isosafrole	ND	20	ug/L
Methapyrilene	ND	50	ug/L
3-Methylcholanthrene	ND	20	ug/L
Methyl methanesulfonate	ND	10	ug/L
2-Methylnaphthalene	ND	10	ug/L
Methyl parathion	ND	50	ug/L
2-Methylphenol	ND	10	ug/L
3-Methylphenol & 4-Methylphenol	ND	10	ug/L
Naphthalene	ND	10	ug/L
1,4-Naphthoquinone	ND	50	ug/L
1-Naphthylamine	ND	10	ug/L
2-Naphthylamine	ND	10	ug/L
2-Nitroaniline	ND	50	ug/L

(Continued on next page)

WASTE MANAGEMENT

Client Sample ID: MWB14S

GC/MS Semivolatiles

Lot-Sample #...: D3G030362-004 Work Order #...: FRRFD1AA Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
3-Nitroaniline	ND	50	ug/L
4-Nitroaniline	ND	50	ug/L
Nitrobenzene	ND	10	ug/L
2-Nitrophenol	ND	10	ug/L
4-Nitrophenol	ND	50	ug/L
N-Nitrosodi-n-butylamine	ND	10	ug/L
N-Nitrosodiethylamine	ND	10	ug/L
N-Nitrosodimethylamine	ND	10	ug/L
N-Nitrosodiphenylamine	ND	10	ug/L
N-Nitrosodi-n-propyl-amine	ND	10	ug/L
N-Nitrosomethylethylamine	ND	10	ug/L
N-Nitrosopiperidine	ND	10	ug/L
N-Nitrosopyrrolidine	ND	10	ug/L
5-Nitro-o-toluidine	ND	20	ug/L
2,2'-oxybis(1-Chloropropane)	ND	10	ug/L
Parathion	ND	50	ug/L
Pentachlorobenzene	ND	10	ug/L
Pentachloronitrobenzene	ND	50	ug/L
Pentachlorophenol	ND	50	ug/L
Phenacetin	ND	20	ug/L
Phenanthrene	ND	10	ug/L
Phenol	ND	10	ug/L
4-Phenylenediamine	ND	100	ug/L
Phorate	ND	50	ug/L
Pronamide	ND	20	ug/L
Pyrene	ND	10	ug/L
Safrole	ND	50	ug/L
1,2,4,5-Tetrachloro-benzene	ND	10	ug/L
2,3,4,6-Tetrachlorophenol	ND	50	ug/L
Thionazin	ND	10	ug/L
o-Toluidine	ND	10	ug/L
1,2,4-Trichloro-benzene	ND	10	ug/L
2,4,5-Trichloro-phenol	ND	10	ug/L
2,4,6-Trichloro-phenol	ND	10	ug/L
O,O,O-Triethylphosphoro-thioate	ND	50	ug/L
1,3,5-Trinitrobenzene	ND	50	ug/L

(Continued on next page)

WASTE MANAGEMENT

Client Sample ID: MWB14S

GC/MS Semivolatiles

Lot-Sample #...: D3G030362-004 **Work Order #...:** FRRFD1AA **Matrix.....:** WATER

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	62	(44 - 105)
Phenol-d5	60	(45 - 107)
Nitrobenzene-d5	56	(52 - 109)
2-Fluorobiphenyl	53	(40 - 103)
2,4,6-Tribromophenol	61	(48 - 109)
Terphenyl-d14	62	(39 - 115)

WASTE MANAGEMENT

Client Sample ID: MWB34S

GC Semivolatiles

Lot-Sample #...: D3G030362-001 **Work Order #...:** FRRE51AC **Matrix.....:** WATER
Date Sampled...: 07/01/03 13:58 **Date Received..:** 07/03/03
Prep Date.....: 07/07/03 **Analysis Date..:** 07/10/03
Prep Batch #...: 3188315 **Analysis Time..:** 19:04
Dilution Factor: 1

Method.....: SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aldrin	ND	0.050	ug/L
alpha-BHC	ND	0.050	ug/L
beta-BHC	ND	0.050	ug/L
delta-BHC	ND	0.050	ug/L
gamma-BHC (Lindane)	ND	0.050	ug/L
Chlordane (technical)	ND	0.50	ug/L
4,4'-DDD	ND	0.050	ug/L
4,4'-DDE	ND	0.050	ug/L
4,4'-DDT	ND	0.050	ug/L
Dieldrin	ND	0.050	ug/L
Endosulfan I	ND	0.050	ug/L
Endosulfan II	ND	0.050	ug/L
Endosulfan sulfate	ND	0.050	ug/L
Endrin	ND	0.050	ug/L
Endrin aldehyde	ND	0.050	ug/L
Heptachlor	ND	0.050	ug/L
Heptachlor epoxide	ND	0.050	ug/L
Kepone	ND	1.0	ug/L
Methoxychlor	ND	0.10	ug/L
Toxaphene	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	84	(34 - 134)
Tetrachloro-m-xylene	83	(41 - 125)

WASTE MANAGEMENT

Client Sample ID: MWB2S

GC Semivolatiles

Lot-Sample #...: D3G030362-002 **Work Order #...:** FRRE81AC **Matrix.....:** WATER
Date Sampled...: 07/01/03 10:42 **Date Received..:** 07/03/03
Prep Date.....: 07/07/03 **Analysis Date..:** 07/10/03
Prep Batch #...: 3188315 **Analysis Time..:** 19:35
Dilution Factor: 1

Method.....: SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aldrin	ND	0.050	ug/L
alpha-BHC	ND	0.050	ug/L
beta-BHC	ND	0.050	ug/L
delta-BHC	ND	0.050	ug/L
gamma-BHC (Lindane)	ND	0.050	ug/L
Chlordane (technical)	ND	0.50	ug/L
4,4'-DDD	ND	0.050	ug/L
4,4'-DDE	ND	0.050	ug/L
4,4'-DDT	ND	0.050	ug/L
Dieldrin	ND	0.050	ug/L
Endosulfan I	ND	0.050	ug/L
Endosulfan II	ND	0.050	ug/L
Endosulfan sulfate	ND	0.050	ug/L
Endrin	ND	0.050	ug/L
Endrin aldehyde	ND	0.050	ug/L
Heptachlor	ND	0.050	ug/L
Heptachlor epoxide	ND	0.050	ug/L
Kepone	ND	1.0	ug/L
Methoxychlor	ND	0.10	ug/L
Toxaphene	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	96	(34 - 134)
Tetrachloro-m-xylene	89	(41 - 125)

WASTE MANAGEMENT

Client Sample ID: MWB23S

GC Semivolatiles

Lot-Sample #...: D3G030362-003 **Work Order #...:** FRRE91AC **Matrix.....:** WATER
Date Sampled...: 07/01/03 17:26 **Date Received..:** 07/03/03
Prep Date.....: 07/07/03 **Analysis Date..:** 07/10/03
Prep Batch #...: 3188315 **Analysis Time..:** 20:05
Dilution Factor: 1
Method.....: SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aldrin	ND	0.050	ug/L
alpha-BHC	ND	0.050	ug/L
beta-BHC	ND	0.050	ug/L
delta-BHC	ND	0.050	ug/L
gamma-BHC (Lindane)	ND	0.050	ug/L
Chlordane (technical)	ND	0.50	ug/L
4,4'-DDD	ND	0.050	ug/L
4,4'-DDE	ND	0.050	ug/L
4,4'-DDT	ND	0.050	ug/L
Dieldrin	ND	0.050	ug/L
Endosulfan I	ND	0.050	ug/L
Endosulfan II	ND	0.050	ug/L
Endosulfan sulfate	ND	0.050	ug/L
Endrin	ND	0.050	ug/L
Endrin aldehyde	ND	0.050	ug/L
Heptachlor	ND	0.050	ug/L
Heptachlor epoxide	ND	0.050	ug/L
Kepone	ND	1.0	ug/L
Methoxychlor	ND	0.10	ug/L
Toxaphene	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	73	(34 - 134)
Tetrachloro-m-xylene	87	(41 - 125)

WASTE MANAGEMENT

Client Sample ID: MWB14S

GC Semivolatiles

Lot-Sample #...: D3G030362-004 Work Order #...: FRRFD1AC Matrix.....: WATER
Date Sampled...: 07/01/03 16:07 Date Received..: 07/03/03
Prep Date.....: 07/07/03 Analysis Date..: 07/10/03
Prep Batch #...: 3188315 Analysis Time..: 20:35
Dilution Factor: 1

Method.....: SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aldrin	ND	0.050	ug/L
alpha-BHC	ND	0.050	ug/L
beta-BHC	ND	0.050	ug/L
delta-BHC	ND	0.050	ug/L
gamma-BHC (Lindane)	ND	0.050	ug/L
Chlordane (technical)	ND	0.50	ug/L
4,4'-DDD	ND	0.050	ug/L
4,4'-DDE	ND	0.050	ug/L
4,4'-DDT	ND	0.050	ug/L
Dieldrin	ND	0.050	ug/L
Endosulfan I	ND	0.050	ug/L
Endosulfan II	ND	0.050	ug/L
Endosulfan sulfate	ND	0.050	ug/L
Endrin	ND	0.050	ug/L
Endrin aldehyde	ND	0.050	ug/L
Heptachlor	ND	0.050	ug/L
Heptachlor epoxide	ND	0.050	ug/L
Kepone	ND	1.0	ug/L
Methoxychlor	ND	0.10	ug/L
Toxaphene	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	86	(34 - 134)
Tetrachloro-m-xylene	78	(41 - 125)

WASTE MANAGEMENT

Client Sample ID: MWB34S

GC Semivolatiles

Lot-Sample #...: D3G030362-001 **Work Order #...:** FRRE51AD **Matrix.....:** WATER
Date Sampled...: 07/01/03 13:58 **Date Received..:** 07/03/03
Prep Date.....: 07/07/03 **Analysis Date..:** 07/11/03
Prep Batch #...: 3188316 **Analysis Time..:** 02:19
Dilution Factor: 1

Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	1.0	ug/L
Aroclor 1221	ND	1.0	ug/L
Aroclor 1232	ND	1.0	ug/L
Aroclor 1242	ND	1.0	ug/L
Aroclor 1248	ND	1.0	ug/L
Aroclor 1254	ND	1.0	ug/L
Aroclor 1260	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	77	(52 - 160)
Decachlorobiphenyl	70	(37 - 144)

WASTE MANAGEMENT

Client Sample ID: MWB2S

GC Semivolatiles

Lot-Sample #...: D3G030362-002 **Work Order #...:** FRRE81AD **Matrix.....:** WATER
Date Sampled...: 07/01/03 10:42 **Date Received..:** 07/03/03
Prep Date.....: 07/07/03 **Analysis Date..:** 07/11/03
Prep Batch #...: 3188316 **Analysis Time..:** 02:40
Dilution Factor: 1

Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	1.0	ug/L
Aroclor 1221	ND	1.0	ug/L
Aroclor 1232	ND	1.0	ug/L
Aroclor 1242	ND	1.0	ug/L
Aroclor 1248	ND	1.0	ug/L
Aroclor 1254	ND	1.0	ug/L
Aroclor 1260	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	82	(52 - 160)
Decachlorobiphenyl	78	(37 - 144)

WASTE MANAGEMENT

Client Sample ID: MWB23S

GC Semivolatiles

Lot-Sample #...: D3G030362-003 **Work Order #...:** FRRE91AD **Matrix.....:** WATER
Date Sampled...: 07/01/03 17:26 **Date Received..:** 07/03/03
Prep Date.....: 07/07/03 **Analysis Date..:** 07/11/03
Prep Batch #...: 3188316 **Analysis Time..:** 12:57
Dilution Factor: 1
Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	1.0	ug/L
Aroclor 1221	ND	1.0	ug/L
Aroclor 1232	ND	1.0	ug/L
Aroclor 1242	ND	1.0	ug/L
Aroclor 1248	ND	1.0	ug/L
Aroclor 1254	ND	1.0	ug/L
Aroclor 1260	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	85	(52 - 160)
Decachlorobiphenyl	61	(37 - 144)

WASTE MANAGEMENT

Client Sample ID: MWB14S

GC Semivolatiles

Lot-Sample #...: D3G030362-004 **Work Order #...:** FRRFD1AD **Matrix.....:** WATER
Date Sampled...: 07/01/03 16:07 **Date Received..:** 07/03/03
Prep Date.....: 07/07/03 **Analysis Date..:** 07/11/03
Prep Batch #...: 3188316 **Analysis Time..:** 03:46
Dilution Factor: 1
Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	1.0	ug/L
Aroclor 1221	ND	1.0	ug/L
Aroclor 1232	ND	1.0	ug/L
Aroclor 1242	ND	1.0	ug/L
Aroclor 1248	ND	1.0	ug/L
Aroclor 1254	ND	1.0	ug/L
Aroclor 1260	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	75	(52 - 160)
Decachlorobiphenyl	68	(37 - 144)

WASTE MANAGEMENT

Client Sample ID: MWB34S

GC Semivolatiles

Lot-Sample #...: D3G030362-001 **Work Order #...:** FRRE51AE **Matrix.....:** WATER
Date Sampled...: 07/01/03 13:58 **Date Received..:** 07/03/03
Prep Date.....: 07/08/03 **Analysis Date..:** 07/11/03
Prep Batch #...: 3189218 **Analysis Time..:** 22:31
Dilution Factor: 1
Method.....: SW846 8151A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
2,4-D	ND	4.0	ug/L
2,4,5-TP (Silvex)	ND	1.0	ug/L
2,4,5-T	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
DCAA	74	(32 - 122)

WASTE MANAGEMENT

Client Sample ID: MWB2S

GC Semivolatiles

Lot-Sample #...: D3G030362-002 Work Order #...: FRRE81AE Matrix.....: WATER
Date Sampled...: 07/01/03 10:42 Date Received..: 07/03/03
Prep Date.....: 07/08/03 Analysis Date..: 07/11/03
Prep Batch #...: 3189218 Analysis Time..: 23:11
Dilution Factor: 1
Method.....: SW846 8151A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
2,4-D	ND	4.0	ug/L
2,4,5-TP (Silvex)	ND	1.0	ug/L
2,4,5-T	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
DCAA	93	(32 - 122)

WASTE MANAGEMENT

Client Sample ID: MWB23S

GC Semivolatiles

Lot-Sample #...: D3G030362-003 Work Order #...: FRRE91AE Matrix.....: WATER
Date Sampled...: 07/01/03 17:26 Date Received..: 07/03/03
Prep Date.....: 07/08/03 Analysis Date..: 07/11/03
Prep Batch #...: 3189218 Analysis Time..: 23:51
Dilution Factor: 1
Method.....: SW846 8151A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
2,4-D	ND	4.0	ug/L
2,4,5-TP (Silvex)	ND	1.0	ug/L
2,4,5-T	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
DCAA	89	(32 - 122)

WASTE MANAGEMENT

Client Sample ID: MWB14S

GC Semivolatiles

Lot-Sample #...: D3G030362-004 **Work Order #...:** FRRFD1AE **Matrix.....:** WATER
Date Sampled...: 07/01/03 16:07 **Date Received..:** 07/03/03
Prep Date.....: 07/08/03 **Analysis Date..:** 07/12/03
Prep Batch #...: 3189218 **Analysis Time..:** 00:31
Dilution Factor: 1
Method.....: SW846 8151A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
2,4-D	ND	4.0	ug/L
2,4,5-TP (Silvex)	ND	1.0	ug/L
2,4,5-T	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
DCAA	88	(32 - 122)

QC DATA ASSOCIATION SUMMARY

D3G030362

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	SW846 8082		3188316	
	WATER	SW846 8081A		3188315	
	WATER	SW846 8260B		3196382	3196209
	WATER	SW846 8270C		3185108	
	WATER	SW846 8151A		3189218	
002	WATER	SW846 8082		3188316	
	WATER	SW846 8081A		3188315	
	WATER	SW846 8260B		3196382	3196209
	WATER	SW846 8270C		3185108	
	WATER	SW846 8151A		3189218	
003	WATER	SW846 8082		3188316	
	WATER	SW846 8081A		3188315	
	WATER	SW846 8260B		3196382	3196209
	WATER	SW846 8270C		3185108	
	WATER	SW846 8151A		3189218	
004	WATER	SW846 8082		3188316	
	WATER	SW846 8081A		3188315	
	WATER	SW846 8260B		3196382	3196209
	WATER	SW846 8270C		3185108	
	WATER	SW846 8151A		3189218	
005	WATER	SW846 8260B		3196382	3196209

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D3G030362 **Work Order #...:** FTA381AA **Matrix.....:** WATER
MB Lot-Sample #: D3G150000-382

Prep Date.....: 07/11/03 **Analysis Time..:** 10:20
Analysis Date..: 07/11/03 **Prep Batch #...:** 3196382
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	10	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	2.0	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	2.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
[illegible]oromethane	ND	2.0	ug/L	SW846 8260B
[illegible]-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	0.50	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	5.0	ug/L	SW846 8260B
Methylene chloride	ND	5.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	2.0	ug/L	SW846 8260B
2-Butanone (MEK)	ND	5.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	2.0	ug/L	SW846 8260B
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	SW846 8260B
[illegible]tonitrile	ND	20	ug/L	SW846 8260B
[illegible]rolein	ND	20	ug/L	SW846 8260B
Acrylonitrile	ND	20	ug/L	SW846 8260B
Chloroprene	ND	1.0	ug/L	SW846 8260B

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D3G030362 Work Order #...: FTA381AA Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
3-Chloropropene	ND	10	ug/L	SW846 8260B
Dibromomethane	ND	1.0	ug/L	SW846 8260B
Bromochloromethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
trans-1,4-Dichloro-2-butene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	2.0	ug/L	SW846 8260B
1,3-Dichloropropane	ND	1.0	ug/L	SW846 8260B
2,2-Dichloropropane	ND	5.0	ug/L	SW846 8260B
1,1-Dichloropropene	ND	1.0	ug/L	SW846 8260B
1,4-Dioxane	ND	200	ug/L	SW846 8260B
Ethyl methacrylate	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	2.0	ug/L	SW846 8260B
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8260B
Iodomethane	ND	1.0	ug/L	SW846 8260B
Isobutyl alcohol	ND	50	ug/L	SW846 8260B
Methacrylonitrile	ND	10	ug/L	SW846 8260B
Methyl methacrylate	ND	1.0	ug/L	SW846 8260B
Propionitrile	ND	20	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
1,2,4-Trichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
Vinyl acetate	ND	2.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	92	(82 - 122)
1,2-Dichloroethane-d4	101	(67 - 134)
4-Bromofluorobenzene	92	(79 - 119)
Toluene-d8	92	(82 - 122)

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D3G030362 **Work Order #...:** FTA381AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: D3G150000-382 FTA381AD-LCSD
Prep Date.....: 07/11/03 **Analysis Date..:** 07/11/03
Prep Batch #...: 3196382 **Analysis Time..:** 09:58
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	92	(65 - 122)			SW846 8260B
	89	(65 - 122)	3.6	(0-20)	SW846 8260B
Benzene	95	(80 - 120)			SW846 8260B
	90	(80 - 120)	4.8	(0-20)	SW846 8260B
Chlorobenzene	91	(79 - 119)			SW846 8260B
	86	(79 - 119)	4.8	(0-20)	SW846 8260B
Toluene	90	(77 - 120)			SW846 8260B
	85	(77 - 120)	5.4	(0-20)	SW846 8260B
Trichloroethene	98	(82 - 122)			SW846 8260B
	94	(82 - 122)	3.9	(0-20)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	89	(82 - 122)
	90	(82 - 122)
1,2-Dichloroethane-d4	97	(67 - 134)
	96	(67 - 134)
4-Bromofluorobenzene	91	(79 - 119)
	91	(79 - 119)
Toluene-d8	94	(82 - 122)
	93	(82 - 122)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D3G030362 **Work Order #...:** FTA381AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: D3G150000-382 FTA381AD-LCSD
Prep Date.....: 07/11/03 **Analysis Date..:** 07/11/03
Prep Batch #...: 3196382 **Analysis Time..:** 09:58
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1-Dichloroethene	**10.0**	**9.25**	**ug/L**	**92**		**SW846 8260B**
	10.0	**8.92**	**ug/L**	**89**	**3.6**	**SW846 8260B**
Benzene	**10.0**	**9.48**	**ug/L**	**95**		**SW846 8260B**
	10.0	**9.03**	**ug/L**	**90**	**4.8**	**SW846 8260B**
Chlorobenzene	**10.0**	**9.06**	**ug/L**	**91**		**SW846 8260B**
	10.0	**8.63**	**ug/L**	**86**	**4.8**	**SW846 8260B**
Toluene	**10.0**	**8.99**	**ug/L**	**90**		**SW846 8260B**
	10.0	**8.51**	**ug/L**	**85**	**5.4**	**SW846 8260B**
Trichloroethene	**10.0**	**9.82**	**ug/L**	**98**		**SW846 8260B**
	10.0	**9.44**	**ug/L**	**94**	**3.9**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	89	(82 - 122)
	90	(82 - 122)
1,2-Dichloroethane-d4	97	(67 - 134)
	96	(67 - 134)
4-Bromofluorobenzene	91	(79 - 119)
	91	(79 - 119)
Toluene-d8	94	(82 - 122)
	93	(82 - 122)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...:	D3G030362	**Work Order #...:**	FRP2X1CL-MS	**Matrix.....:**	WATER
MS Lot-Sample #:	D3G030192-001		FRP2X1CM-MSD		
Date Sampled...:	07/02/03 13:20	**Date Received..:**	07/03/03		
Prep Date.....:	07/11/03	**Analysis Date..:**	07/11/03		
Prep Batch #...:	3196382	**Analysis Time..:**	14:39		
Dilution Factor:	1				

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	**77**	**(65 - 122)**			**SW846 8260B**
	84	**(65 - 122)**	**9.0**	**(0-20)**	**SW846 8260B**
Benzene	**89**	**(80 - 120)**			**SW846 8260B**
	89	**(80 - 120)**	**0.56**	**(0-20)**	**SW846 8260B**
Chlorobenzene	**84**	**(79 - 119)**			**SW846 8260B**
	84	**(79 - 119)**	**0.18**	**(0-20)**	**SW846 8260B**
Toluene	**77**	**(77 - 120)**			**SW846 8260B**
	77	**(77 - 120)**	**0.51**	**(0-20)**	**SW846 8260B**
Trichloroethene	**90**	**(82 - 122)**			**SW846 8260B**
	91	**(82 - 122)**	**0.70**	**(0-20)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(82 - 122)
	100	(82 - 122)
1,2-Dichloroethane-d4	113	(67 - 134)
	123	(67 - 134)
4-Bromofluorobenzene	96	(79 - 119)
	97	(79 - 119)
Toluene-d8	87	(82 - 122)
	87	(82 - 122)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D3G030362 **Work Order #...:** FRP2X1CL-MS **Matrix.....:** WATER
MS Lot-Sample #: D3G030192-001 FRP2X1CM-MSD
Date Sampled...: 07/02/03 13:20 **Date Received..:** 07/03/03
Prep Date.....: 07/11/03 **Analysis Date..:** 07/11/03
Prep Batch #...: 3196382 **Analysis Time..:** 14:39
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	ND	10.0	7.72	ug/L	77		SW846 8260B
	ND	10.0	8.45	ug/L	84	9.0	SW846 8260B
Benzene	ND	10.0	8.92	ug/L	89		SW846 8260B
	ND	10.0	8.87	ug/L	89	0.56	SW846 8260B
Chlorobenzene	ND	10.0	8.38	ug/L	84		SW846 8260B
	ND	10.0	8.40	ug/L	84	0.18	SW846 8260B
Toluene	ND	10.0	7.75	ug/L	77		SW846 8260B
	ND	10.0	7.71	ug/L	77	0.51	SW846 8260B
Trichloroethene	ND	10.0	9.05	ug/L	90		SW846 8260B
	ND	10.0	9.11	ug/L	91	0.70	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(82 - 122)
	100	(82 - 122)
1,2-Dichloroethane-d4	113	(67 - 134)
	123	(67 - 134)
4-Bromofluorobenzene	96	(79 - 119)
	97	(79 - 119)
Toluene-d8	87	(82 - 122)
	87	(82 - 122)

NOTE(S):

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

Bold print denotes control parameters

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D3G030362 **Work Order #...:** FRRTN1AA **Matrix.....:** WATER
MB Lot-Sample #: D3G040000-108

Prep Date.....: 07/04/03 **Analysis Time..:** 21:03
Analysis Date..: 07/07/03 **Prep Batch #...:** 3185108
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acenaphthene	ND	10	ug/L	SW846 8270C
Acenaphthylene	ND	10	ug/L	SW846 8270C
Acetophenone	ND	10	ug/L	SW846 8270C
2-Acetylaminofluorene	ND	100	ug/L	SW846 8270C
4-Aminobiphenyl	ND	50	ug/L	SW846 8270C
Anthracene	ND	10	ug/L	SW846 8270C
Benzo(a)anthracene	ND	10	ug/L	SW846 8270C
Benzo(b)fluoranthene	ND	10	ug/L	SW846 8270C
Benzo(k)fluoranthene	ND	10	ug/L	SW846 8270C
Benzo(ghi)perylene	ND	10	ug/L	SW846 8270C
Benzo(a)pyrene	ND	10	ug/L	SW846 8270C
Benzyl alcohol	ND	10	ug/L	SW846 8270C
bis(2-Chloroethoxy) methane	ND	10	ug/L	SW846 8270C
bis(2-Chloroethyl)-ether	ND	10	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	SW846 8270C
4-Bromophenyl phenyl ether	ND	10	ug/L	SW846 8270C
Butyl benzyl phthalate	ND	10	ug/L	SW846 8270C
4-Chloroaniline	ND	10	ug/L	SW846 8270C
Chlorobenzilate	ND	10	ug/L	SW846 8270C
4-Chloro-3-methylphenol	ND	10	ug/L	SW846 8270C
2-Chloronaphthalene	ND	10	ug/L	SW846 8270C
2-Chlorophenol	ND	10	ug/L	SW846 8270C
4-Chlorophenyl phenyl ether	ND	10	ug/L	SW846 8270C
Chrysene	ND	10	ug/L	SW846 8270C
Diallate	ND	20	ug/L	SW846 8270C
Dibenz(a,h)anthracene	ND	10	ug/L	SW846 8270C
Dibenzofuran	ND	10	ug/L	SW846 8270C
Di-n-butyl phthalate	ND	10	ug/L	SW846 8270C
3,3'-Dichlorobenzidine	ND	50	ug/L	SW846 8270C
2,4-Dichlorophenol	ND	10	ug/L	SW846 8270C
2,6-Dichlorophenol	ND	10	ug/L	SW846 8270C
Diethyl phthalate	ND	10	ug/L	SW846 8270C
Dimethoate	ND	20	ug/L	SW846 8270C
4-Dimethylaminoazobenzene	ND	20	ug/L	SW846 8270C
7,12-Dimethylbenz(a)-anthracene	ND	20	ug/L	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D3G030362 Work Order #...: FRRTN1AA Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
3,3'-Dimethylbenzidine	ND	20	ug/L	SW846 8270C
2,4-Dimethylphenol	ND	10	ug/L	SW846 8270C
Dimethyl phthalate	ND	10	ug/L	SW846 8270C
1,3-Dinitrobenzene	ND	10	ug/L	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	50	ug/L	SW846 8270C
2,4-Dinitrophenol	ND	50	ug/L	SW846 8270C
2,4-Dinitrotoluene	ND	10	ug/L	SW846 8270C
2,6-Dinitrotoluene	ND	10	ug/L	SW846 8270C
Dinoseb	ND	10	ug/L	SW846 8270C
Di-n-octyl phthalate	ND	10	ug/L	SW846 8270C
Diphenylamine	ND	10	ug/L	SW846 8270C
Disulfoton	ND	50	ug/L	SW846 8270C
Ethyl methanesulfonate	ND	10	ug/L	SW846 8270C
Famphur	ND	200	ug/L	SW846 8270C
Fluoranthene	ND	10	ug/L	SW846 8270C
Fluorene	ND	10	ug/L	SW846 8270C
Hexachlorobenzene	ND	10	ug/L	SW846 8270C
Hexachlorobutadiene	ND	10	ug/L	SW846 8270C
Hexachlorocyclopentadiene	ND	50	ug/L	SW846 8270C
Hexachloroethane	ND	10	ug/L	SW846 8270C
Hexachloropropene	ND	100	ug/L	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	SW846 8270C
Isodrin	ND	10	ug/L	SW846 8270C
Isophorone	ND	10	ug/L	SW846 8270C
Isosafrole	ND	20	ug/L	SW846 8270C
Methapyrilene	ND	50	ug/L	SW846 8270C
3-Methylcholanthrene	ND	20	ug/L	SW846 8270C
Methyl methanesulfonate	ND	10	ug/L	SW846 8270C
2-Methylnaphthalene	ND	10	ug/L	SW846 8270C
Methyl parathion	ND	50	ug/L	SW846 8270C
2-Methylphenol	ND	10	ug/L	SW846 8270C
3-Methylphenol & 4-Methylphenol	ND	10	ug/L	SW846 8270C
Naphthalene	ND	10	ug/L	SW846 8270C
1,4-Naphthoquinone	ND	50	ug/L	SW846 8270C
1-Naphthylamine	ND	10	ug/L	SW846 8270C
2-Naphthylamine	ND	10	ug/L	SW846 8270C
2-Nitroaniline	ND	50	ug/L	SW846 8270C
3-Nitroaniline	ND	50	ug/L	SW846 8270C
4-Nitroaniline	ND	50	ug/L	SW846 8270C
Nitrobenzene	ND	10	ug/L	SW846 8270C
2-Nitrophenol	ND	10	ug/L	SW846 8270C
4-Nitrophenol	ND	50	ug/L	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D3G030362 **Work Order #...:** FRRTN1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
N-Nitrosodi-n-butylamine	ND	10	ug/L	SW846 8270C
N-Nitrosodiethylamine	ND	10	ug/L	SW846 8270C
N-Nitrosodimethylamine	ND	10	ug/L	SW846 8270C
N-Nitrosodiphenylamine	ND	10	ug/L	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	10	ug/L	SW846 8270C
N-Nitrosomethylethylamine	ND	10	ug/L	SW846 8270C
N-Nitrosopiperidine	ND	10	ug/L	SW846 8270C
N-Nitrosopyrrolidine	ND	10	ug/L	SW846 8270C
5-Nitro-o-toluidine	ND	20	ug/L	SW846 8270C
2,2'-oxybis(1-Chloropropa	ND	10	ug/L	SW846 8270C
Parathion	ND	50	ug/L	SW846 8270C
Pentachlorobenzene	ND	10	ug/L	SW846 8270C
Pentachloronitrobenzene	ND	50	ug/L	SW846 8270C
Pentachlorophenol	ND	50	ug/L	SW846 8270C
Phenacetin	ND	20	ug/L	SW846 8270C
Phenanthrene	ND	10	ug/L	SW846 8270C
Phenol	ND	10	ug/L	SW846 8270C
4-Phenylenediamine	ND	100	ug/L	SW846 8270C
Phorate	ND	50	ug/L	SW846 8270C
Pronamide	ND	20	ug/L	SW846 8270C
Pyrene	ND	10	ug/L	SW846 8270C
Safrole	ND	50	ug/L	SW846 8270C
1,2,4,5-Tetrachloro-benzene	ND	10	ug/L	SW846 8270C
2,3,4,6-Tetrachlorophenol	ND	50	ug/L	SW846 8270C
Thionazin	ND	10	ug/L	SW846 8270C
o-Toluidine	ND	10	ug/L	SW846 8270C
1,2,4-Trichloro-benzene	ND	10	ug/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	10	ug/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	10	ug/L	SW846 8270C
O,O,O-Triethylphosphoro-thioate	ND	50	ug/L	SW846 8270C
1,3,5-Trinitrobenzene	ND	50	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	78	(44 - 105)
Phenol-d5	75	(45 - 107)
Nitrobenzene-d5	68	(52 - 109)
2-Fluorobiphenyl	62	(40 - 103)
2,4,6-Tribromophenol	66	(48 - 109)

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D3G030362 **Work Order #...:** FRRTN1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Terphenyl-d14	71	(39 - 115)		

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D3G030362 Work Order #...: FRRTN1AC-LCS Matrix.....: WATER
LCS Lot-Sample#: D3G040000-108 FRRTN1AD-LCSD
Prep Date.....: 07/04/03 Analysis Date..: 07/07/03
Prep Batch #...: 3185108 Analysis Time..: 21:27
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acenaphthene	71	(57 - 97)			SW846 8270C
	69	(57 - 97)	2.0	(0-30)	SW846 8270C
1,4-Dichlorobenzene	62	(43 - 92)			SW846 8270C
	60	(43 - 92)	4.0	(0-40)	SW846 8270C
4-Chloro-3-methylphenol	74	(58 - 100)			SW846 8270C
	69	(58 - 100)	6.7	(0-40)	SW846 8270C
2-Chlorophenol	82	(57 - 99)			SW846 8270C
	77	(57 - 99)	6.5	(0-40)	SW846 8270C
2,4-Dinitrotoluene	69	(56 - 106)			SW846 8270C
	69	(56 - 106)	0.58	(0-40)	SW846 8270C
4-Nitrophenol	55	(36 - 114)			SW846 8270C
	57	(36 - 114)	3.0	(0-40)	SW846 8270C
N-Nitrosodi-n-propyl-amine	62	(51 - 101)			SW846 8270C
	59	(51 - 101)	4.8	(0-40)	SW846 8270C
Pentachlorophenol	73	(44 - 105)			SW846 8270C
	75	(44 - 105)	2.5	(0-40)	SW846 8270C
Phenol	78	(55 - 100)			SW846 8270C
	73	(55 - 100)	6.7	(0-40)	SW846 8270C
Pyrene	67	(55 - 98)			SW846 8270C
	68	(55 - 98)	0.36	(0-40)	SW846 8270C
1,2,4-Trichloro-benzene	65	(47 - 93)			SW846 8270C
	62	(47 - 93)	4.1	(0-40)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	75	(55 - 99)
	70	(55 - 99)
Phenol-d5	77	(56 - 102)
	71	(56 - 102)
Nitrobenzene-d5	70	(57 - 105)
	65	(57 - 105)
2-Fluorobiphenyl	60	(49 - 99)
	58	(49 - 99)
2,4,6-Tribromophenol	73	(59 - 105)
	73	(59 - 105)
Terphenyl-d14	74	(58 - 106)

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D3G030362 Work Order #...: FRRTN1AC-LCS Matrix.....: WATER
LCS Lot-Sample#: D3G040000-108 FRRTN1AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
	74	(58 - 106)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D3G030362 Work Order #...: FRRTN1AC-LCS Matrix.....: WATER
LCS Lot-Sample#: D3G040000-108 FRRTN1AD-LCSD
Prep Date.....: 07/04/03 Analysis Date..: 07/07/03
Prep Batch #...: 3185108 Analysis Time..: 21:27
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Acenaphthene	100	70.5	ug/L	71		SW846 8270C
	100	69.1	ug/L	69	2.0	SW846 8270C
1,4-Dichlorobenzene	100	62.1	ug/L	62		SW846 8270C
	100	59.7	ug/L	60	4.0	SW846 8270C
4-Chloro-3-methylphenol	150	110	ug/L	74		SW846 8270C
	150	103	ug/L	69	6.7	SW846 8270C
2-Chlorophenol	150	123	ug/L	82		SW846 8270C
	150	115	ug/L	77	6.5	SW846 8270C
2,4-Dinitrotoluene	100	68.9	ug/L	69		SW846 8270C
	100	69.3	ug/L	69	0.58	SW846 8270C
4-Nitrophenol	150	82.9	ug/L	55		SW846 8270C
	150	85.4	ug/L	57	3.0	SW846 8270C
N-Nitrosodi-n-propyl-amine	100	61.9	ug/L	62		SW846 8270C
	100	59.0	ug/L	59	4.8	SW846 8270C
Pentachlorophenol	150	109	ug/L	73		SW846 8270C
	150	112	ug/L	75	2.5	SW846 8270C
Phenol	150	118	ug/L	78		SW846 8270C
	150	110	ug/L	73	6.7	SW846 8270C
Pyrene	100	67.3	ug/L	67		SW846 8270C
	100	67.5	ug/L	68	0.36	SW846 8270C
1,2,4-Trichloro-benzene	100	64.9	ug/L	65		SW846 8270C
	100	62.3	ug/L	62	4.1	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	75	(55 - 99)
	70	(55 - 99)
Phenol-d5	77	(56 - 102)
	71	(56 - 102)
Nitrobenzene-d5	70	(57 - 105)
	65	(57 - 105)
2-Fluorobiphenyl	60	(49 - 99)
	58	(49 - 99)
2,4,6-Tribromophenol	73	(59 - 105)
	73	(59 - 105)
Terphenyl-d14	74	(58 - 106)

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METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: D3G030362 **Work Order #...:** FRTMP1AA **Matrix.....:** WATER
MB Lot-Sample #: D3G070000-315

Prep Date.....: 07/07/03 **Analysis Time..:** 14:32
Analysis Date..: 07/10/03 **Prep Batch #...:** 3188315
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aldrin	ND	0.050	ug/L	SW846 8081A
alpha-BHC	ND	0.050	ug/L	SW846 8081A
beta-BHC	ND	0.050	ug/L	SW846 8081A
delta-BHC	ND	0.050	ug/L	SW846 8081A
gamma-BHC (Lindane)	ND	0.050	ug/L	SW846 8081A
Chlordane (technical)	ND	0.50	ug/L	SW846 8081A
4,4'-DDD	ND	0.050	ug/L	SW846 8081A
4,4'-DDE	ND	0.050	ug/L	SW846 8081A
4,4'-DDT	ND	0.050	ug/L	SW846 8081A
Dieldrin	ND	0.050	ug/L	SW846 8081A
Endosulfan I	ND	0.050	ug/L	SW846 8081A
Endosulfan II	ND	0.050	ug/L	SW846 8081A
Endosulfan sulfate	ND	0.050	ug/L	SW846 8081A
Endrin	ND	0.050	ug/L	SW846 8081A
Endrin aldehyde	ND	0.050	ug/L	SW846 8081A
Heptachlor	ND	0.050	ug/L	SW846 8081A
Heptachlor epoxide	ND	0.050	ug/L	SW846 8081A
Kepone	ND	1.0	ug/L	SW846 8081A
Methoxychlor	ND	0.10	ug/L	SW846 8081A
Toxaphene	ND	5.0	ug/L	SW846 8081A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	130	(34 - 134)
Tetrachloro-m-xylene	85	(41 - 125)

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D3G030362 **Work Order #...:** FRTMP1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: D3G070000-315 FRTMP1AD-LCSD
Prep Date.....: 07/07/03 **Analysis Date..:** 07/10/03
Prep Batch #...: 3188315 **Analysis Time..:** 11:31
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Aldrin	**0.500**	**0.462**	**ug/L**	**92**		**SW846 8081A**
	0.500	**0.514**	**ug/L**	**103**	**11**	**SW846 8081A**
gamma-BHC (Lindane)	**0.500**	**0.483**	**ug/L**	**97**		**SW846 8081A**
	0.500	**0.538**	**ug/L**	**108**	**11**	**SW846 8081A**
4,4'-DDT	**0.500**	**0.545**	**ug/L**	**109**		**SW846 8081A**
	0.500	**0.621**	**ug/L**	**124**	**13**	**SW846 8081A**
Dieldrin	**0.500**	**0.514**	**ug/L**	**103**		**SW846 8081A**
	0.500	**0.575**	**ug/L**	**115**	**11**	**SW846 8081A**
Endrin	**0.500**	**0.571**	**ug/L**	**114**		**SW846 8081A**
	0.500	**0.622 a**	**ug/L**	**124**	**8.6**	**SW846 8081A**
Heptachlor	**0.500**	**0.510**	**ug/L**	**102**		**SW846 8081A**
	0.500	**0.563**	**ug/L**	**113**	**9.9**	**SW846 8081A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	109	(71 - 127)
	123	(71 - 127)
Tetrachloro-m-xylene	79	(61 - 115)
	92	(61 - 115)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D3G030362 **Work Order #...:** FRTQ61AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: D3G070000-316 FRTQ61AD-LCSD
Prep Date.....: 07/07/03 **Analysis Date..:** 07/10/03
Prep Batch #...: 3188316 **Analysis Time..:** 23:45
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**99**	**(56 - 124)**			**SW846 8082**
	97	**(56 - 124)**	**2.3**	**(0-30)**	**SW846 8082**
Aroclor 1260	**120**	**(64 - 120)**			**SW846 8082**
	118	**(64 - 120)**	**1.2**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	92	(52 - 127)
	91	(52 - 127)
Decachlorobiphenyl	99	(61 - 128)
	98	(61 - 128)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D3G030362 **Work Order #...:** FRTQ61AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: D3G070000-316 FRTQ61AD-LCSD
Prep Date.....: 07/07/03 **Analysis Date..:** 07/10/03
Prep Batch #...: 3188316 **Analysis Time..:** 23:45
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Aroclor 1016	**2.00**	**1.98**	**ug/L**	**99**		**SW846 8082**
	2.00	**1.93**	**ug/L**	**97**	**2.3**	**SW846 8082**
Aroclor 1260	**2.00**	**2.39**	**ug/L**	**120**		**SW846 8082**
	2.00	**2.36**	**ug/L**	**118**	**1.2**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	92	(52 - 127)
	91	(52 - 127)
Decachlorobiphenyl	99	(61 - 128)
	98	(61 - 128)

NOTE(S):

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

Bold print denotes control parameters

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: D3G030362 **Work Order #...:** FRVM61AA **Matrix.....:** WATER
MB Lot-Sample #: D3G080000-218

Prep Date.....: 07/08/03 **Analysis Time..:** 19:53
Analysis Date..: 07/11/03 **Prep Batch #...:** 3189218
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2,4-D	ND	4.0	ug/L	SW846 8151A
2,4,5-TP (Silvex)	ND	1.0	ug/L	SW846 8151A
2,4,5-T	ND	1.0	ug/L	SW846 8151A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
DCAA	92	(32 - 122)

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D3G030362 **Work Order #...:** FRVM61AC **Matrix.....:** WATER
LCS Lot-Sample#: D3G080000-218
Prep Date.....: 07/08/03 **Analysis Date..:** 07/14/03
Prep Batch #...: 3189218 **Analysis Time..:** 15:02
Dilution Factor: 2

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
2,4-D	**74**	**(21 - 118)**	**SW846 8151A**
2,4,5-TP (Silvex)	**70**	**(28 - 145)**	**SW846 8151A**
2,4,5-T	**66**	**(20 - 155)**	**SW846 8151A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
DCAA	56	(32 - 122)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D3G030362 **Work Order #...:** FRVM61AC **Matrix.....:** WATER
LCS Lot-Sample#: D3G080000-218
Prep Date.....: 07/08/03 **Analysis Date..:** 07/14/03
Prep Batch #...: 3189218 **Analysis Time..:** 15:02
Dilution Factor: 2

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
2,4-D	**16.0**	**11.9**	**ug/L**	**74**	**SW846 8151A**
2,4,5-TP (Silvex)	**4.00**	**2.80**	**ug/L**	**70**	**SW846 8151A**
2,4,5-T	**4.00**	**2.64**	**ug/L**	**66**	**SW846 8151A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
DCAA	56	(32 - 122)

NOTE(S):

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

Bold print denotes control parameters

2.1, 3.8, 1.1
7/3/03

Chain of Custody Record

SEVERN TRENT STL
Severn Trent Laboratories, Inc.

STL Denver
4955 Yarrow Street
Arvada, CO 80002

TL-4124 (0901)

Client	Project Manager	Date	Chain of Custody Number
WM	MARK BEHEL	7-2-03	284315
Address	Telephone Number (Area Code)/Fax Number	Lab Number	Page 1 of 1
		D3G030362	

City	State	Zip Code	Site Contact	Lab Contact
				Rachelle Delimont

Project Name and Location (State): Trail Ridge LF

Carrier/Waybill Number:

Contract/Purchase Order/Quote No.: 1107 53721-A

Analysis (Attach list if more space is needed)

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Matrix: Aqueous	Matrix: Sed.	Matrix: Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	B/NA	Herbicides	Pesticides/PCB	VOA	Special Instructions/ Conditions of Receipt
MWB34S	7-1	1358		X			6			3			2	2	2	3	
MWB25	7-1	1042		X			6			3			2	2	2	3	
MWB23S	7-1	1726		X			6			3			2	2	2	3	
MWB14S	7-1	1607		X			6			3			2	2	2	3	
TRIP	7-1	—		X						X						X	

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By [signature]	7-2-03	1200	1. Received By [signature]	7/3/03	0900
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL Denver
4955 Yarrow Street
Arvada, CO 80002

STL-4124 (0901)

Client: WM	Project Manager: MARK BEHEL	Date: 7-2-03	Chain of Custody Number: 284315
Address	Telephone Number (Area Code)/Fax Number	Lab Number: D3G030302	Page 1 of 1
City / State / Zip Code	Site Contact	Lab Contact: Rachelle Delimont	Analysis (Attach list if more space is needed)
Project Name and Location (State): Tagil Ridge LF	Carrier/Waybill Number		Special Instructions/ Conditions of Receipt
Contract/Purchase Order/Quote No.: 1107 53721-A			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	B/WA	Herbicides	Pesticides/PCB	VOA
MWB34S	7-1	1358		X			6			3			2	2	2	3
MWB2S	7-1	1042		X			6			3			2	2	2	3
MWB23S	7-1	1726		X			6			3			2	2	2	3
MWB14S	7-1	1607		X			6			3			2	2	2	3
TRIP	7-1	—		X						X						X

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	7-2-03	1200	1. Received By	7/3/03	0900
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy