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STATE OF FLORIDA
DEPT. OF ENV. PROTECTION
NORTHEAST DISTRICT-JAX

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

for

**Trail Ridge Landfill, Inc.
Jacksonville, Florida**

FDEP Permit#0013493-002-SC

GMS #3116P02787

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RECEIVED

TRAIL RIDGE LANDFILL, INC.
A WASTE MANAGEMENT COMPANY

October 8, 1999

OCT 13 1999

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

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

STATE OF FLORIDA
DEPT. OF ENV. PROTECTION
NORTHEAST DISTRICT-JAX

RE: TRAIL RIDGE LANDFILL
SEMI-ANNUAL GROUNDWATER, SURFACE WATER AND LEACHATE MONITORING RESULTS - 1999
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 1999 semi-annual monitoring event for Trail Ridge Landfill. The samples were collected between July 20 and July 21, 1999 by Professional Technical Support Services, Inc. Analyses of the collected samples were performed through Columbia Analytical Laboratories in Jacksonville, Florida.

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

- The iron concentrations reported for the samples collected at MWB-2(S), MWB-3(S), MWB-3(I), MWB-7(I), MWB-11(S), MWB-11(I), MWB-12(I), MWB-12(D), MWB-13(I), MWB-17(D), MWB-19(S), MWB-19(I), MWB-19(D), MWB-20(S), MWB-21(S), MWB-27(I), MWB-29(I), and MWB-29(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 of the area.
- The pH levels reported for the samples collected at MWB-2(S), MWB-2(I), MWB-3(S), MWB-3(I), MWB-7(S), MWB-7(I), MWB-11(I), MWB-12(S), MWB-12(I), MWB-13(S), MWB-13(I), MWB-17(S), MWB-17(I), MWB-17(D), MWB-19(S), MWB-19(I), MWB-20(S), MWB-21(S), MWB-22(S), MWB-27(S), MWB-27(I), and MWB-27(D) were below the FSDWS specified range of 6.5 - 8.5 su. Based on historical data, such pH levels are characteristic of the site.
- The MCL for Total Lead was exceeded at MWB-11(I) (0.023 mg/l). However, the sample analyzed for Dissolved Lead did not detect lead above the MRL. As the turbidity level at this sample point is in excess of 200 NTU, we believe that the presence of suspended solids was the cause of the exceedence. As such, the value for lead at the sample points may be considered a non-detect.

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

Sincerely,

Greg Mathes
District Manager

GM:as

Enclosures

cc: Chris Pearson w/attachments
Carolyn McCreedy w/o attachments

FN: g:\common\alice\projects\trailrdg\monrsts.doc

TRAIL RIDGE LANDFILL
GROUNDWATER MONITORING REPORT (FDEP FORM)

Florida Department of Environmental Protection

Suite 232 3319 Maguire Boulevard Orlando, Florida 32803

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, FLORIDA Zip 32234-3608 County DUVAL
Telephone Number (904) 289-9100
- (2) Facility GMS Number 3116P02787
- (3) DEP Permit Number 0013493-002-SC
- (4) Authorized Representative's Name GREG MATHES Title _____
Address 5110 U.S. HIGHWAY 301, SOUTH
City BALDWIN, FLORIDA Zip 32234-3608 County DUVAL
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 submission of false information including the possibility of fine and imprisonment.

Date _____ Owner or Authorized Representative's Signature _____

PART II QUALITY ASSURANCE REQUIREMENTS

Sampling Organization Comp QAP # 880633G

Analytical Lab Comp QAP #/ HRS Certification 930298G - E82502:82483

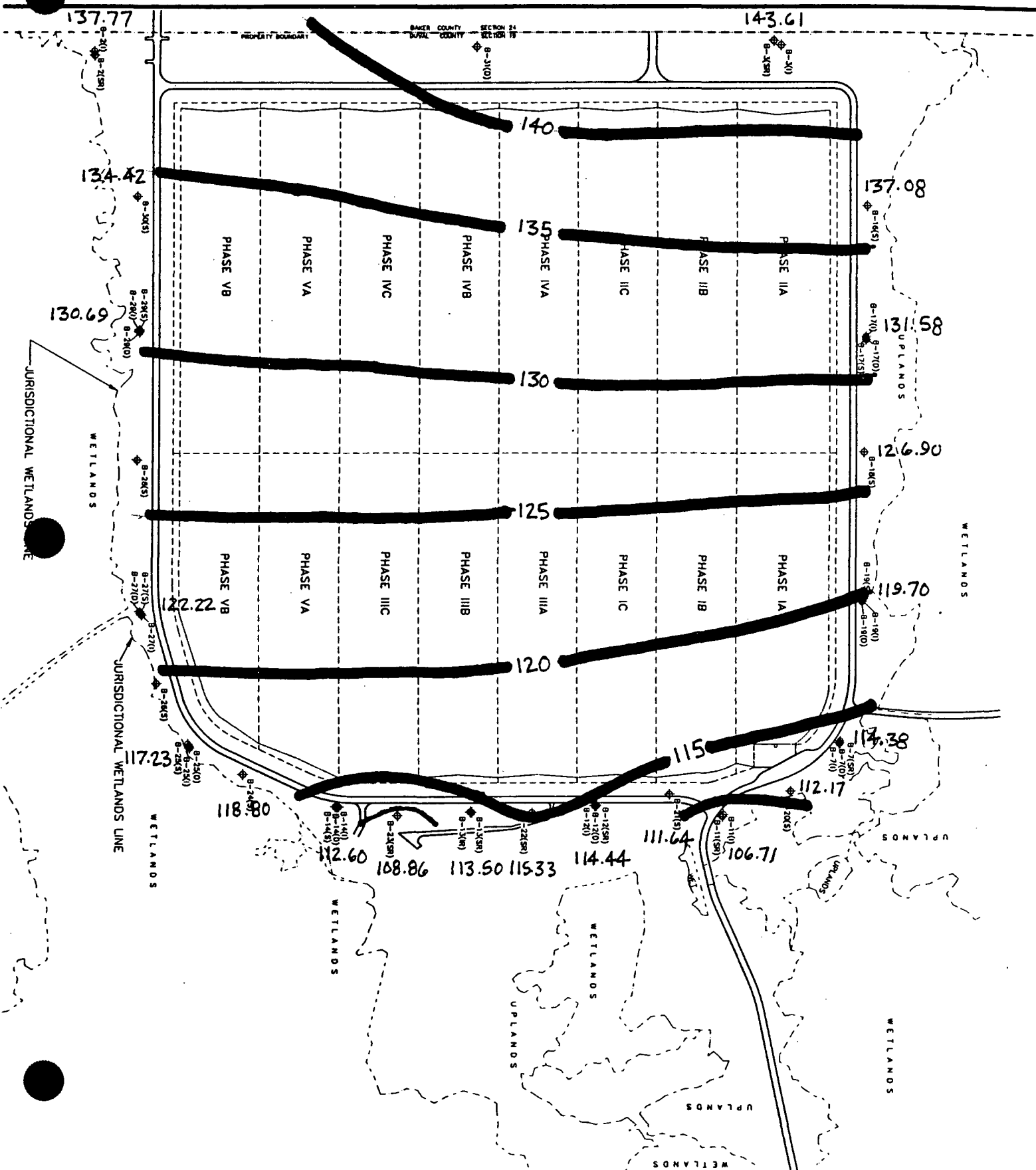
Lab Name COLUMBIA ANALYTICAL SERVICES

Address 8540 BAYCENTER ROAD, JACKSONVILLE, FLORIDA 32256

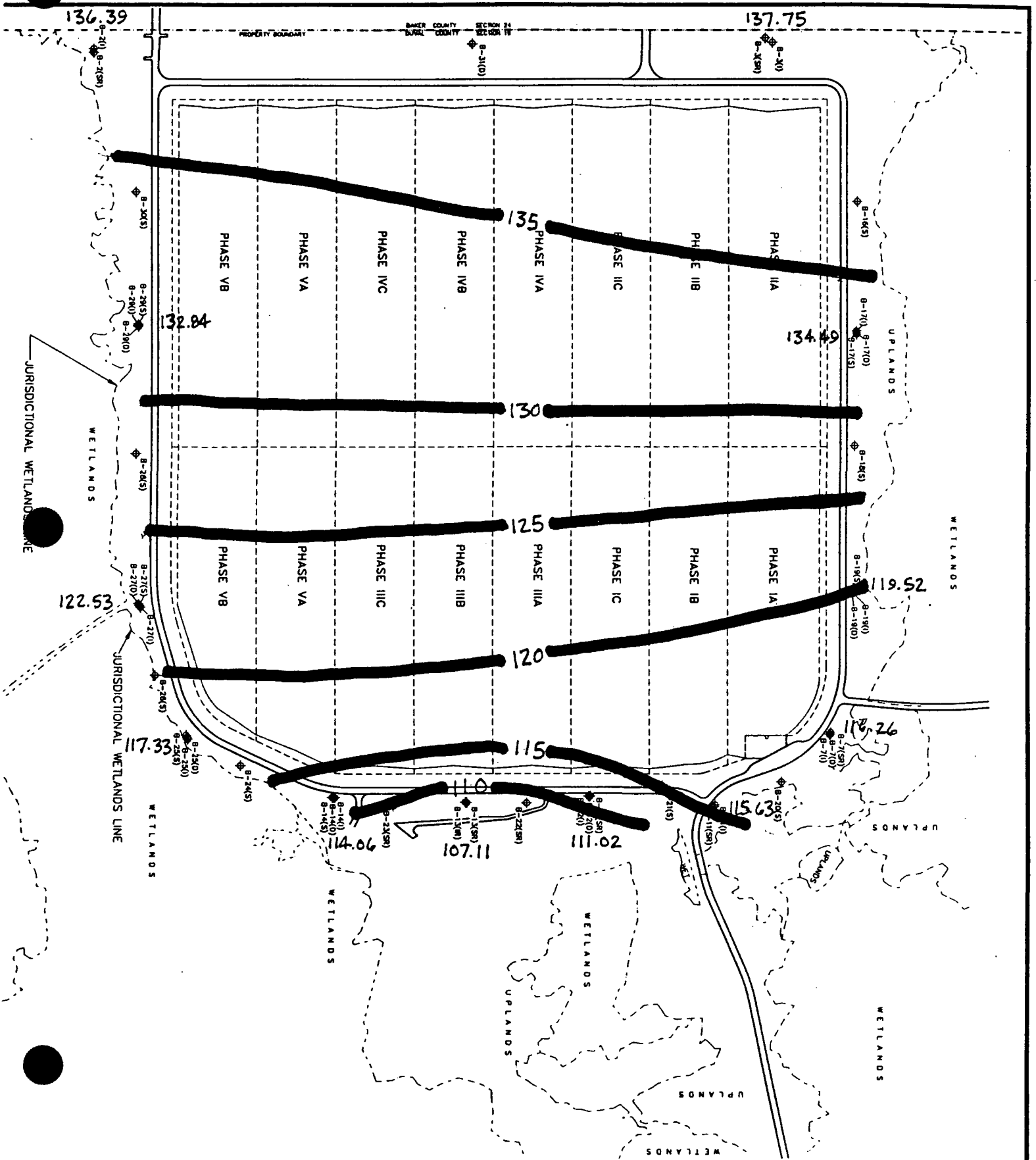
Phone Number (904) 739-2277

TRAIL RIDGE LANDFILL
POTENTIOMETRIC MAPS

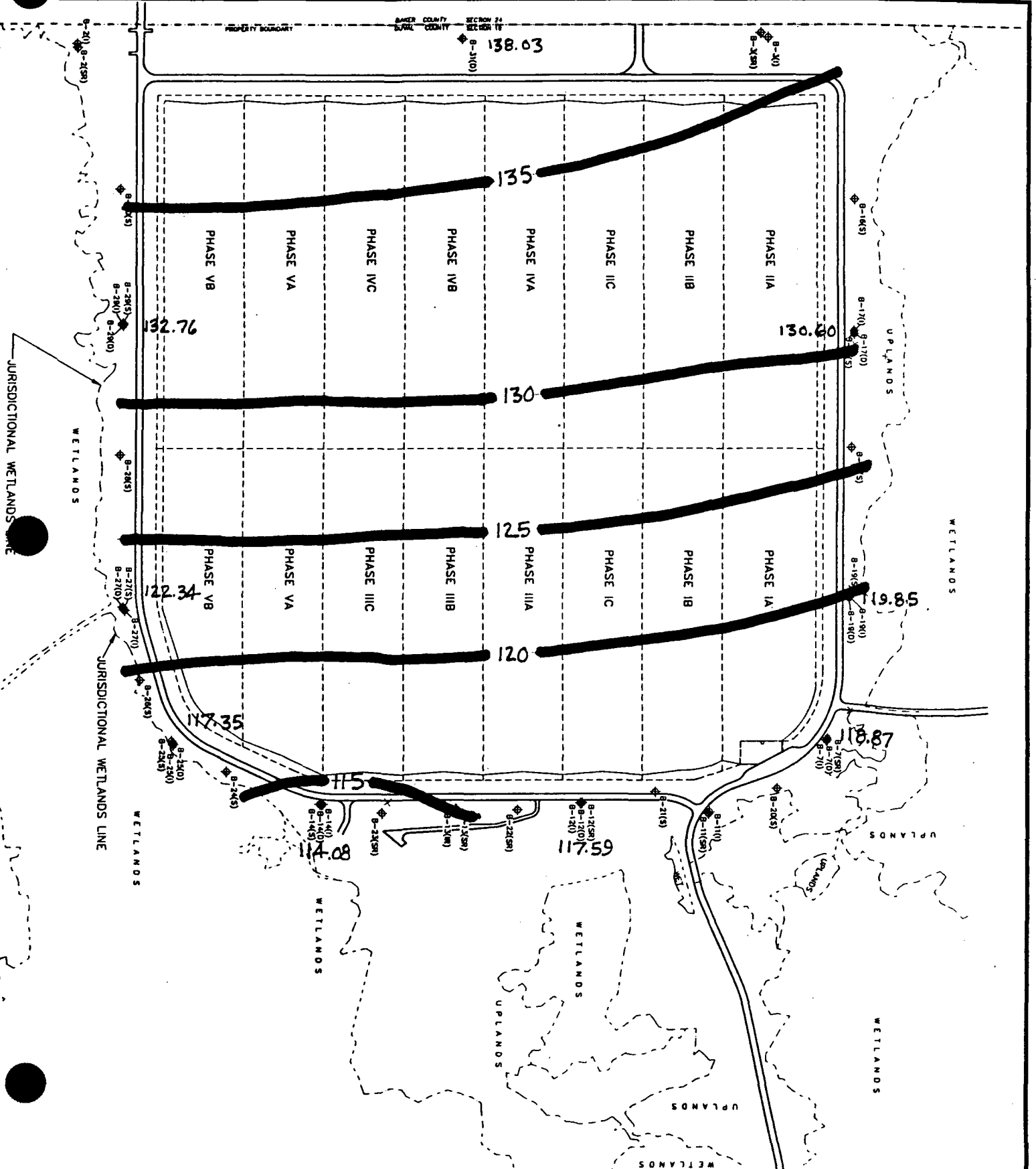
TRAIL RIDGE LANDFILL GROUNDWATER CONTOURS (SHALLOW WELLS)



TRAIL RIDGE LANDFILL
GROUNDWATER COUNTOURS (INTERMEDIATE WELLS)



TRAIL RIDGE LANDFILL GROUNDWATER CONTOURS (DEEP WELLS)



TRAIL RIDGE LANDFILL
GROUNDWATER MONITORING DATA
BACKGROUND WELL CLUSTERS

PART III ANALYTICAL RESULTS

Facility GMS #: 3116P02787 Sampling Date/Time: 7/20/1999 1516
 Test Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)

Well Name: MWB-2S Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: (☒) Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ () Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
observed	Field Odor	Bladder Pump	N	Field	07/21/99	None	n/a	n/a	Field
00299	Oxygen, Dissolved (Field)	Bladder Pump	N	Field	07/21/99	1.8	mg/l	n/a	Field
00400	Ph (Field)	Bladder Pump	N	Field	07/21/99	4.46	n/a	n/a	Field
observed	Sheen, Visible	Bladder Pump	N	Field	07/21/99	Clear	n/a	n/a	Field
00095	Specific Conductance(Field)	Bladder Pump	N	Field	07/21/99	61	umhos/cm	n/a	Field
00076	Turbidity (Field)	Bladder Pump	N	Field	07/21/99	1.63	NTU	n/a	Field
00010	Water Temperature in deg Celsius	Bladder Pump	N	Field	07/21/99	23.2	Deg C	n/a	Field
01097	Antimony - Total	Bladder Pump	N	204.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
01002	Arsenic - Total	Bladder Pump	N	206.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00209	Barium - Total	Bladder Pump	N	208.1	7/28-8/13/99	<0.5	mg/l	0.5	HNO3 to pH < 2
01012	Beryllium - Total	Bladder Pump	N	210.2	7/28-8/13/99	<0.0020	mg/l	0.002	HNO3 to pH < 2
01012	Cadmium - Total	Bladder Pump	N	213.2	7/28-8/13/99	<0.0010	mg/l	0.001	HNO3 to pH < 2
01012	Chloride	Bladder Pump	N	300.0	7/21/99 2353	5.75	mg/l	0.2	cool to 4 C
01034	Chromium - Total	Bladder Pump	N	200.8	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01037	Cobalt - Total	Bladder Pump	N	219.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
00080	Color	Bladder Pump	N	110.2	7/22/99 0902	5	Units	5	cool to 4 C
01042	Copper - Total	Bladder Pump	N	220.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
01045	Iron - Total	Bladder Pump	N	236.1	7/28-8/13/99	0.7	mg/l	0.1	HNO3 to pH < 2
01051	Lead - Total	Bladder Pump	N	239.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
71900	Mercury - Total	Bladder Pump	N	245.1	7/28-8/13/99	<0.0005	mg/l	0.0005	HNO3 to pH < 2
01067	Nickel - Total	Bladder Pump	N	249.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
49578	Nitrogen, Ammonia	Bladder Pump	N	350.3	7/26/99 1107	<0.1	mg/l	0.1	H2SO4 pH < 2
00620	Nitrogen, Nitrate	Bladder Pump	N	300.0	7/21/99 2353	<0.2	mg/l	0.2	cool to 4 C
00214	Selenium - Total	Bladder Pump	N	270.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00215	Silver - Total	Bladder Pump	N	272.1	7/28-8/13/99	<0.025	mg/l	0.025	HNO3 to pH < 2
00929	Sodium - Total	Bladder Pump	N	273.1	7/28-8/13/99	4	mg/l	0.5	HNO3 to pH < 2
70304	Solids, Total Dissolved	Bladder Pump	N	160.1	7/22/99 1700	24	mg/l	10	cool to 4 C
01059	Thallium - Total	Bladder Pump	N	279.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01087	Vanadium - Total	Bladder Pump	N	200.8	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01092	Zinc - Total	Bladder Pump	N	289.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
81552	Acetone	Bladder Pump	N	8260	07/23/99	<20	ug/l	20	HCl to pH < 2
34215	Acrylonitrile	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34030	Benzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73085	Bromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32101	Bromodichloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32104	Bromoform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34413	Bromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2

PART III ANALYTICAL RESULTS

Property GMS #: 3116P02787 Sampling Date/Time: 7/20/1999 1516
 Test Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: MWB-2S Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: ☒ Background
 Ground Water Elevation (NGVD): _____ ☐ Intermediate
 or (MSL): _____ ☐ Compliance
☐ Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
81348	2-Butanone	Bladder Pump	N	8260	7/23/99	<10	ug/l	10	HCl to pH < 2
77041	Carbon Disulfide	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
32102	Carbon Tetrachloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34301	Chlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34311	Chloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32106	Chloroform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34418	Chloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32105	Dibromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
38760	1,2-Dibromo-3-Chloropropane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30203	1,2-Dibromoethane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30217	Dibromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34521	1,2-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34521	1,4-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73547	Trans-1, 4-Dichloro-2-Butene	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34496	1,1-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34531	1,2-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34501	1,1-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77093	Cis-1,2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34546	Trans-1, 2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2-Dichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34561	Cis-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34699	Trans-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34371	Ethylbenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77103	2-Hexanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77424	Iodomethane	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34423	Methylene Chloride	Bladder Pump	N	8260	07/23/99	<5	ug/l	5	HCl to pH < 2
77113	4-Methyl-2-Pentanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77128	Styrene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77562	1,1,1,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34516	1,1,2,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34475	Tetrachloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34010	Toluene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34506	1,1,1-Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34511	1,1,2-Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
39180	Trichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34488	Trichlorofluoromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2,3-Trichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77057	Vinyl Acetate	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34501	Vinyl Chloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
81301	Xylene (Total)	Bladder Pump	N	8260	07/23/99	<2	ug/l	2	HCl to pH < 2

PART III ANALYTICAL RESULTS

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Facility GMS #: 3116P02787 Sampling Date/Time: 7/20/1999 1515
 Test Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)

Well Name: MWB-2I Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: ☒ Background
 Ground Water Elevation (NGVD): _____ ☐ Intermediate
 or (MSL): _____ ☐ Compliance
 _____ ☐ Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
observed	Field Odor	Bladder Pump	N	Field	07/21/99	Slight	n/a	n/a	Field
00299	Oxygen, Dissolved (Field)	Bladder Pump	N	Field	07/21/99	1.5	mg/l	n/a	Field
00400	Ph (Field)	Bladder Pump	N	Field	07/21/99	4.78	n/a	n/a	Field
observed	Sheen, Visible	Bladder Pump	N	Field	07/21/99	Clear	n/a	n/a	Field
00095	Specific Conductance(Field)	Bladder Pump	N	Field	07/21/99	43	umhos/cm	n/a	Field
00076	Turbidity (Field)	Bladder Pump	N	Field	07/21/99	2.76	NTU	n/a	Field
00010	Water Temperature in deg Celsius	Bladder Pump	N	Field	07/21/99	22.7	Deg C	n/a	Field
01097	Antimony - Total	Bladder Pump	N	204.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
01002	Arsenic - Total	Bladder Pump	N	206.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00209	Barium - Total	Bladder Pump	N	208.1	7/28-8/13/99	<0.5	mg/l	0.5	HNO3 to pH < 2
01012	Beryllium - Total	Bladder Pump	N	210.2	7/28-8/13/99	<0.0020	mg/l	0.002	HNO3 to pH < 2
01013	Cadmium - Total	Bladder Pump	N	213.2	7/28-8/13/99	<0.0010	mg/l	0.001	HNO3 to pH < 2
01014	Chloride	Bladder Pump	N	300.0	7/21/99 2353	7.5	mg/l	0.2	cool to 4 C
01034	Chromium - Total	Bladder Pump	N	200.8	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01037	Cobalt - Total	Bladder Pump	N	219.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
00080	Color	Bladder Pump	N	110.2	7/22/99 0902	10	Units	5	cool to 4 C
01042	Copper - Total	Bladder Pump	N	220.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
01045	Iron - Total	Bladder Pump	N	236.1	7/28-8/13/99	0.3	mg/l	0.1	HNO3 to pH < 2
01051	Lead - Total	Bladder Pump	N	239.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
71900	Mercury - Total	Bladder Pump	N	245.1	7/28-8/13/99	<0.0005	mg/l	0.0005	HNO3 to pH < 2
01067	Nickel - Total	Bladder Pump	N	249.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
49578	Nitrogen, Ammonia	Bladder Pump	N	350.3	7/26/99 1107	<0.1	mg/l	0.1	H2SO4 pH < 2
00620	Nitrogen, Nitrate	Bladder Pump	N	300.0	7/21/99 2353	<0.2	mg/l	0.2	cool to 4 C
00214	Selenium - Total	Bladder Pump	N	270.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00215	Silver - Total	Bladder Pump	N	272.1	7/28-8/13/99	<0.025	mg/l	0.025	HNO3 to pH < 2
00929	Sodium - Total	Bladder Pump	N	273.1	7/28-8/13/99	4.4	mg/l	0.5	HNO3 to pH < 2
70304	Solids, Total Dissolved	Bladder Pump	N	160.1	7/22/99 1700	20	mg/l	10	cool to 4 C
01059	Thallium - Total	Bladder Pump	N	279.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01087	Vanadium - Total	Bladder Pump	N	200.8	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01092	Zinc - Total	Bladder Pump	N	289.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
81552	Acetone	Bladder Pump	N	8260	07/23/99	<20	ug/l	20	HCl to pH < 2
34215	Acrylonitrile	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34030	Benzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73085	Bromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32101	Bromodichloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32104	Bromoform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34413	Bromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2

PART III ANALYTICAL RESULTS

Facility GMS #: 3116P02787 Sampling Date/Time: 7/20/1999 1515
 Test Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: MWB-2I Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: ☒ (X) Background
 Ground Water Elevation (NGVD): _____ ☐ () Intermediate
 or (MSL): _____ ☐ () Compliance
☐ () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
81348	2-Butanone	Bladder Pump	N	8260	7/23/99	<10	ug/l	10	HCl to pH < 2
77041	Carbon Disulfide	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
32102	Carbon Tetrachloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34301	Chlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34311	Chloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32106	Chloroform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34418	Chloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32105	Dibromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
38760	1,2-Dibromo-3-Chloropropane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30203	1,2-Dibromoethane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30217	Dibromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34531	1,2-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34531	1,4-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73547	Trans-1, 4-Dichloro-2-Butene	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34496	1,1-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34531	1,2-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34501	1,1-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77093	Cis-1,2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34546	Trans-1, 2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2-Dichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34561	Cis-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34699	Trans-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34371	Ethylbenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77103	2-Hexanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77424	Iodomethane	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34423	Methylene Chloride	Bladder Pump	N	8260	07/23/99	<5	ug/l	5	HCl to pH < 2
77113	4-Methyl-2-Pentanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77128	Styrene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77562	1,1,1,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34516	1,1,2,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34475	Tetrachloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34010	Toluene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34506	1,1,1-Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34511	1,1,2-Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
39180	Trichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34488	Trichlorofluoromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2,3-Trichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77057	Vinyl Acetate	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34551	Vinyl Chloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
81551	Xylene (Total)	Bladder Pump	N	8260	07/23/99	<2	ug/l	2	HCl to pH < 2

PART III ANALYTICAL RESULTS

Property GMS #: 3116P02787 Sampling Date/Time: 7/20/1999 1400
 Test Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: MWB-3S Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: (☒) Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ () Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
observed	Field Odor	Bladder Pump	N	Field	07/21/99	None	n/a	n/a	Field
00299	Oxygen, Dissolved (Field)	Bladder Pump	N	Field	07/21/99	1.5	mg/l	n/a	Field
00400	Ph (Field)	Bladder Pump	N	Field	07/21/99	4.75	n/a	n/a	Field
observed	Sheen, Visible	Bladder Pump	N	Field	07/21/99	Clear	n/a	n/a	Field
00095	Specific Conductance(Field)	Bladder Pump	N	Field	07/21/99	45	umhos/cm	n/a	Field
00076	Turbidity (Field)	Bladder Pump	N	Field	07/21/99	8.38	NTU	n/a	Field
00010	Water Temperature in deg Celsius	Bladder Pump	N	Field	07/21/99	23.3	Deg C	n/a	Field
01097	Antimony - Total	Bladder Pump	N	204.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
01002	Arsenic - Total	Bladder Pump	N	206.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00209	Barium - Total	Bladder Pump	N	208.1	7/28-8/13/99	<0.5	mg/l	0.5	HNO3 to pH < 2
01012	Beryllium - Total	Bladder Pump	N	210.2	7/28-8/13/99	<0.0020	mg/l	0.002	HNO3 to pH < 2
01033	Cadmium - Total	Bladder Pump	N	213.2	7/28-8/13/99	<0.0010	mg/l	0.001	HNO3 to pH < 2
01034	Chloride	Bladder Pump	N	300.0	7/21/99 2353	4.91	mg/l	0.2	cool to 4 C
01034	Chromium - Total	Bladder Pump	N	200.8	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01037	Cobalt - Total	Bladder Pump	N	219.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
00080	Color	Bladder Pump	N	110.2	7/22/99 0902	<5	Units	5	cool to 4 C
01042	Copper - Total	Bladder Pump	N	220.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
01045	Iron - Total	Bladder Pump	N	236.1	7/28-8/13/99	0.8	mg/l	0.1	HNO3 to pH < 2
01051	Lead - Total	Bladder Pump	N	239.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
71900	Mercury - Total	Bladder Pump	N	245.1	7/28-8/13/99	<0.0005	mg/l	0.0005	HNO3 to pH < 2
01067	Nickel - Total	Bladder Pump	N	249.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
49578	Nitrogen, Ammonia	Bladder Pump	N	350.3	7/26/99 1107	<0.1	mg/l	0.1	H2SO4 pH < 2
00620	Nitrogen, Nitrate	Bladder Pump	N	300.0	7/21/99 2353	<0.2	mg/l	0.2	cool to 4 C
00214	Selenium - Total	Bladder Pump	N	270.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00215	Silver - Total	Bladder Pump	N	272.1	7/28-8/13/99	<0.025	mg/l	0.025	HNO3 to pH < 2
00929	Sodium - Total	Bladder Pump	N	273.1	7/28-8/13/99	3.5	mg/l	0.5	HNO3 to pH < 2
70304	Solids, Total Dissolved	Bladder Pump	N	160.1	7/22/99 1700	23	mg/l	10	cool to 4 C
01059	Thallium - Total	Bladder Pump	N	279.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01087	Vanadium - Total	Bladder Pump	N	200.8	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01092	Zinc - Total	Bladder Pump	N	289.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
81552	Acetone	Bladder Pump	N	8260	07/23/99	<20	ug/l	20	HCl to pH < 2
34215	Acrylonitrile	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34030	Benzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73085	Bromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32101	Bromodichloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32104	Bromoform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34413	Bromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2

PART III ANALYTICAL RESULTS

Facility GMS #: 3116P02787 Sampling Date/Time: 7/20/1999 1400
 Test Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: MWB-3S Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: ☒ Background
 Ground Water Elevation (NGVD): _____ ☐ Intermediate
 or (MSL): _____ ☐ Compliance
 _____ ☐ Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
81348	2-Butanone	Bladder Pump	N	8260	7/23/99	<10	ug/l	10	HCl to pH < 2
77041	Carbon Disulfide	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
32102	Carbon Tetrachloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34301	Chlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34311	Chloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32106	Chloroform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34418	Chloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32105	Dibromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
38760	1,2-Dibromo-3-Chloropropane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30203	1,2-Dibromoethane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30217	Dibromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34571	1,2-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34571	1,4-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73547	Trans-1, 4-Dichloro-2-Butene	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34496	1,1-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34531	1,2-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34501	1,1-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77093	Cis-1,2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34546	Trans-1, 2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2-Dichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34561	Cis-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34699	Trans-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34371	Ethylbenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77103	2-Hexanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77424	Iodomethane	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34423	Methylene Chloride	Bladder Pump	N	8260	07/23/99	<5	ug/l	5	HCl to pH < 2
77113	4-Methyl-2-Pentanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77128	Styrene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77562	1,1,1,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34516	1,1,2,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34475	Tetrachloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34010	Toluene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34506	1,1,1-Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34511	1,1,2-Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
39180	Trichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34488	Trichlorofluoromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2,3-Trichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77057	Vinyl Acetate	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34554	Vinyl Chloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
81554	Xylene (Total)	Bladder Pump	N	8260	07/23/99	<2	ug/l	2	HCl to pH < 2

PART III ANALYTICAL RESULTS

Facility GMS #: 3116P02787 Sampling Date/Time: 7/20/1999 1355
 Test Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: MWB-3I Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: (☒) Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ () Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
observed	Field Odor	Bladder Pump	N	Field	07/21/99	None	n/a	n/a	Field
00299	Oxygen, Dissolved (Field)	Bladder Pump	N	Field	07/21/99	1.4	mg/l	n/a	Field
00400	Ph (Field)	Bladder Pump	N	Field	07/21/99	4.93	n/a	n/a	Field
observed	Sheen, Visible	Bladder Pump	N	Field	07/21/99	Clear	n/a	n/a	Field
00095	Specific Conductance(Field)	Bladder Pump	N	Field	07/21/99	39	umhos/cm	n/a	Field
00076	Turbidity (Field)	Bladder Pump	N	Field	07/21/99	0.28	NTU	n/a	Field
00010	Water Temperature in deg Celsius	Bladder Pump	N	Field	07/21/99	22.1	Deg C	n/a	Field
01097	Antimony - Total	Bladder Pump	N	204.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
01002	Arsenic - Total	Bladder Pump	N	206.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00209	Barium - Total	Bladder Pump	N	208.1	7/28-8/13/99	<0.5	mg/l	0.5	HNO3 to pH < 2
01012	Beryllium - Total	Bladder Pump	N	210.2	7/28-8/13/99	<0.0020	mg/l	0.002	HNO3 to pH < 2
01013	Cadmium - Total	Bladder Pump	N	213.2	7/28-8/13/99	<0.0010	mg/l	0.001	HNO3 to pH < 2
01033	Chloride	Bladder Pump	N	300.0	7/21/99 2353	4.79	mg/l	0.2	cool to 4 C
01034	Chromium - Total	Bladder Pump	N	200.8	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01037	Cobalt - Total	Bladder Pump	N	219.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
00080	Color	Bladder Pump	N	110.2	7/22/99 0902	<5	Units	5	cool to 4 C
01042	Copper - Total	Bladder Pump	N	220.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
01045	Iron - Total	Bladder Pump	N	236.1	7/28-8/13/99	0.6	mg/l	0.1	HNO3 to pH < 2
01051	Lead - Total	Bladder Pump	N	239.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
71900	Mercury - Total	Bladder Pump	N	245.1	7/28-8/13/99	<0.0005	mg/l	0.0005	HNO3 to pH < 2
01067	Nickel - Total	Bladder Pump	N	249.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
49578	Nitrogen, Ammonia	Bladder Pump	N	350.3	7/26/99 1107	<0.1	mg/l	0.1	H2SO4 pH < 2
00620	Nitrogen, Nitrate	Bladder Pump	N	300.0	7/21/99 2353	<0.2	mg/l	0.2	cool to 4 C
00214	Selenium - Total	Bladder Pump	N	270.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00215	Silver - Total	Bladder Pump	N	272.1	7/28-8/13/99	<0.025	mg/l	0.025	HNO3 to pH < 2
00929	Sodium - Total	Bladder Pump	N	273.1	7/28-8/13/99	3.2	mg/l	0.5	HNO3 to pH < 2
70304	Solids, Total Dissolved	Bladder Pump	N	160.1	7/22/99 1700	19	mg/l	10	cool to 4 C
01059	Thallium - Total	Bladder Pump	N	279.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01087	Vanadium - Total	Bladder Pump	N	200.8	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01092	Zinc - Total	Bladder Pump	N	289.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
81552	Acetone	Bladder Pump	N	8260	07/23/99	<20	ug/l	20	HCl to pH < 2
34215	Acrylonitrile	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34030	Benzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73085	Bromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32101	Bromodichloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32104	Bromoform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34413	Bromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2

PART III ANALYTICAL RESULTS

Facility GMS #: 3116P02787 Sampling Date/Time: 7/20/1999 1355
 Test Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: MWB-3I Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: (☒) Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ () Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
81348	2-Butanone	Bladder Pump	N	8260	7/23/99	<10	ug/l	10	HCl to pH < 2
77041	Carbon Disulfide	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
32102	Carbon Tetrachloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34301	Chlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34311	Chloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32106	Chloroform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34418	Chloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32105	Dibromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
38760	1,2-Dibromo-3-Chloropropane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30203	1,2-Dibromoethane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30217	Dibromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34571	1,2-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34571	1,4-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73547	Trans-1, 4-Dichloro-2-Butene	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34496	1,1-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34531	1,2-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34501	1,1-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77093	Cis-1,2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34546	Trans-1, 2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2-Dichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34561	Cis-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34699	Trans-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34371	Ethylbenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77103	2-Hexanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77424	Iodomethane	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34423	Methylene Chloride	Bladder Pump	N	8260	07/23/99	<5	ug/l	5	HCl to pH < 2
77113	4-Methyl-2-Pentanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77128	Styrene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77562	1,1,1,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34516	1,1,2,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34475	Tetrachloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34010	Toluene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34506	1,1,1- Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34511	1,1,2-Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
39180	Trichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34488	Trichlorofluoromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2,3-Trichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77057	Vinyl Acetate	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34511	Vinyl Chloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
81354	Xylene (Total)	Bladder Pump	N	8260	07/23/99	<2	ug/l	2	HCl to pH < 2

PART III ANALYTICAL RESULTS

Facility GMS #: 3116P02787 Sampling Date/Time: 7/20/1999 1447
 Test Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: MWB-31D Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: ☒ Background
 Ground Water Elevation (NGVD): _____ ☐ Intermediate
 or (MSL): _____ ☐ Compliance
 _____ ☐ Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
observed	Field Odor	Bladder Pump	N	Field	07/21/99	None	n/a	n/a	Field
00299	Oxygen, Dissolved (Field)	Bladder Pump	N	Field	07/21/99	0.8	mg/l	n/a	Field
00400	Ph (Field)	Bladder Pump	N	Field	07/21/99	6.93	n/a	n/a	Field
observed	Sheen, Visible	Bladder Pump	N	Field	07/21/99	Clear	n/a	n/a	Field
00095	Specific Conductance(Field)	Bladder Pump	N	Field	07/21/99	343	umhos/cm	n/a	Field
00076	Turbidity (Field)	Bladder Pump	N	Field	07/21/99	1.02	NTU	n/a	Field
00010	Water Temperature in deg Celsius	Bladder Pump	N	Field	07/21/99	23.5	Deg C	n/a	Field
01097	Antimony - Total	Bladder Pump	N	204.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
01002	Arsenic - Total	Bladder Pump	N	206.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00209	Barium - Total	Bladder Pump	N	208.1	7/28-8/13/99	<0.5	mg/l	0.5	HNO3 to pH < 2
01012	Beryllium - Total	Bladder Pump	N	210.2	7/28-8/13/99	<0.0020	mg/l	0.002	HNO3 to pH < 2
01035	Cadmium - Total	Bladder Pump	N	213.2	7/28-8/13/99	<0.0010	mg/l	0.001	HNO3 to pH < 2
01034	Chloride	Bladder Pump	N	300.0	7/21/99 2353	5.52	mg/l	0.2	cool to 4 C
01034	Chromium - Total	Bladder Pump	N	200.8	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01037	Cobalt - Total	Bladder Pump	N	219.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
00080	Color	Bladder Pump	N	110.2	7/22/99 0902	10	Units	5	cool to 4 C
01042	Copper - Total	Bladder Pump	N	220.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
01045	Iron - Total	Bladder Pump	N	236.1	7/28-8/13/99	0.3	mg/l	0.1	HNO3 to pH < 2
01051	Lead - Total	Bladder Pump	N	239.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
71900	Mercury - Total	Bladder Pump	N	245.1	7/28-8/13/99	<0.0005	mg/l	0.0005	HNO3 to pH < 2
01067	Nickel - Total	Bladder Pump	N	249.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
49578	Nitrogen, Ammonia	Bladder Pump	N	350.3	7/26/99 1107	0.14	mg/l	0.1	H2SO4 pH < 2
00620	Nitrogen, Nitrate	Bladder Pump	N	300.0	7/21/99 2353	<0.2	mg/l	0.2	cool to 4 C
00214	Selenium - Total	Bladder Pump	N	270.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00215	Silver - Total	Bladder Pump	N	272.1	7/28-8/13/99	<0.025	mg/l	0.025	HNO3 to pH < 2
00929	Sodium - Total	Bladder Pump	N	273.1	7/28-8/13/99	6.9	mg/l	0.5	HNO3 to pH < 2
70304	Solids, Total Dissolved	Bladder Pump	N	160.1	7/22/99 1700	220	mg/l	10	cool to 4 C
01059	Thallium - Total	Bladder Pump	N	279.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01087	Vanadium - Total	Bladder Pump	N	200.8	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01092	Zinc - Total	Bladder Pump	N	289.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
81552	Acetone	Bladder Pump	N	8260	07/23/99	<20	ug/l	20	HCl to pH < 2
34215	Acrylonitrile	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34030	Benzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73085	Bromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32101	Bromodichloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32104	Bromoform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34413	Bromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2

PART III ANALYTICAL RESULTS

Facility GMS #: 3116P02787 Sampling Date/Time: 7/20/1999 1447
 Test Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)

Well Name: MWB-31D Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: (☒) Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ () Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
81348	2-Butanone	Bladder Pump	N	8260	7/23/99	<10	ug/l	10	HCl to pH < 2
77041	Carbon Disulfide	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
32102	Carbon Tetrachloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34301	Chlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34311	Chloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32106	Chloroform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34418	Chloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32105	Dibromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
38760	1,2-Dibromo-3-Chloropropane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30203	1,2-Dibromoethane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30217	Dibromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34571	1,2-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34571	1,4-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73547	Trans-1, 4-Dichloro-2-Butene	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34496	1,1-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34531	1,2-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34501	1,1-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77093	Cis-1,2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34546	Trans-1, 2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2-Dichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34561	Cis-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34699	Trans-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34371	Ethylbenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77103	2-Hexanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77424	Iodomethane	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34423	Methylene Chloride	Bladder Pump	N	8260	07/23/99	<5	ug/l	5	HCl to pH < 2
77113	4-Methyl-2-Pentanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77128	Styrene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77562	1,1,1,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34516	1,1,2,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34475	Tetrachloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34010	Toluene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34506	1,1,1-Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34511	1,1,2-Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
39180	Trichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34488	Trichlorofluoromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2,3-Trichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77057	Vinyl Acetate	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34511	Vinyl Chloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34511	Xylene (Total)	Bladder Pump	N	8260	07/23/99	<2	ug/l	2	HCl to pH < 2

TRAIL RIDGE LANDFILL
GROUNDWATER MONITORING DATA
PHASE I
COMPLIANCE WELL CLUSTERS

PART III ANALYTICAL RESULTS

Property GMS #: 3116P02787 Sampling Date/Time: 7/20/1999 1031
 Test Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: MWB-7S Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: () Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ (**X**) Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
observed	Field Odor	Bladder Pump	N	Field	07/21/99	Odor	n/a	n/a	Field
00299	Oxygen, Dissolved (Field)	Bladder Pump	N	Field	07/21/99	2.5	mg/l	n/a	Field
00400	Ph (Field)	Bladder Pump	N	Field	07/21/99	4.78	n/a	n/a	Field
observed	Sheen, Visible	Bladder Pump	N	Field	07/21/99	Clear	n/a	n/a	Field
00095	Specific Conductance(Field)	Bladder Pump	N	Field	07/21/99	106	umhos/cm	n/a	Field
00076	Turbidity (Field)	Bladder Pump	N	Field	07/21/99	2.78	NTU	n/a	Field
00010	Water Temperature in deg Celsius	Bladder Pump	N	Field	07/21/99	23.8	Deg C	n/a	Field
01097	Antimony - Total	Bladder Pump	N	204.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
01002	Arsenic - Total	Bladder Pump	N	206.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00209	Barium - Total	Bladder Pump	N	208.1	7/28-8/13/99	<0.5	mg/l	0.5	HNO3 to pH < 2
01012	Beryllium - Total	Bladder Pump	N	210.2	7/28-8/13/99	<0.0020	mg/l	0.002	HNO3 to pH < 2
01012	Cadmium - Total	Bladder Pump	N	213.2	7/28-8/13/99	<0.0010	mg/l	0.001	HNO3 to pH < 2
01034	Chloride	Bladder Pump	N	300.0	7/21/99 2353	10.1	mg/l	0.2	cool to 4 C
01034	Chromium - Total	Bladder Pump	N	200.8	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01037	Cobalt - Total	Bladder Pump	N	219.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
00080	Color	Bladder Pump	N	110.2	7/22/99 0902	10	Units	5	cool to 4 C
01042	Copper - Total	Bladder Pump	N	220.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
01045	Iron - Total	Bladder Pump	N	236.1	7/28-8/13/99	0.3	mg/l	0.1	HNO3 to pH < 2
01051	Lead - Total	Bladder Pump	N	239.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
71900	Mercury - Total	Bladder Pump	N	245.1	7/28-8/13/99	<0.0005	mg/l	0.0005	HNO3 to pH < 2
01067	Nickel - Total	Bladder Pump	N	249.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
49578	Nitrogen, Ammonia	Bladder Pump	N	350.3	7/26/99 1107	1.59	mg/l	0.1	H2SO4 pH < 2
00620	Nitrogen, Nitrate	Bladder Pump	N	300.0	7/21/99 2353	<0.2	mg/l	0.2	cool to 4 C
00214	Selenium - Total	Bladder Pump	N	270.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00215	Silver - Total	Bladder Pump	N	272.1	7/28-8/13/99	<0.025	mg/l	0.025	HNO3 to pH < 2
00929	Sodium - Total	Bladder Pump	N	273.1	7/28-8/13/99	6.7	mg/l	0.5	HNO3 to pH < 2
70304	Solids, Total Dissolved	Bladder Pump	N	160.1	7/22/99 1700	59	mg/l	10	cool to 4 C
01059	Thallium - Total	Bladder Pump	N	279.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01087	Vanadium - Total	Bladder Pump	N	200.8	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01092	Zinc - Total	Bladder Pump	N	289.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
81552	Acetone	Bladder Pump	N	8260	07/23/99	<20	ug/l	20	HCl to pH < 2
34215	Acrylonitrile	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34030	Benzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73085	Bromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32101	Bromodichloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32104	Bromoform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34413	Bromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2

PART III ANALYTICAL RESULTS

Facility GMS #: 3116P02787 Sampling Date/Time: 7/20/1999 1031
 Test Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: MWB-7S Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: () Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ (**X**) Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
81348	2-Butanone	Bladder Pump	N	8260	7/23/99	<10	ug/l	10	HCl to pH < 2
77041	Carbon Disulfide	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
32102	Carbon Tetrachloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34301	Chlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34311	Chloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32106	Chloroform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34418	Chloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32105	Dibromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
38760	1,2-Dibromo-3-Chloropropane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30203	1,2-Dibromoethane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30217	Dibromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34571	1,2-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34577	1,4-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73547	Trans-1, 4-Dichloro-2-Butene	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34496	1,1-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34531	1,2-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34501	1,1-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77093	Cis-1,2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34546	Trans-1, 2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2-Dichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34561	Cis-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34699	Trans-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34371	Ethylbenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77103	2-Hexanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77424	Iodomethane	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34423	Methylene Chloride	Bladder Pump	N	8260	07/23/99	<5	ug/l	5	HCl to pH < 2
77113	4-Methyl-2-Pentanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77128	Styrene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77562	1,1,1,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34516	1,1,2,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34475	Tetrachloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34010	Toluene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34506	1,1,1-Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34511	1,1,2-Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
39180	Trichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34488	Trichlorofluoromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2,3-Trichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77057	Vinyl Acetate	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34511	Vinyl Chloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
81348	Xylene (Total)	Bladder Pump	N	8260	07/23/99	<2	ug/l	2	HCl to pH < 2

PART III ANALYTICAL RESULTS

Facility GMS #: 3116P02787 Sampling Date/Time: 7/20/1999 1011
 Test Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: MWB-7I Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: () Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ (X) Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
observed	Field Odor	Bladder Pump	N	Field	07/21/99	None	n/a	n/a	Field
00299	Oxygen, Dissolved (Field)	Bladder Pump	N	Field	07/21/99	1.4	mg/l	n/a	Field
00400	Ph (Field)	Bladder Pump	N	Field	07/21/99	5.17	n/a	n/a	Field
observed	Sheen, Visible	Bladder Pump	N	Field	07/21/99	Clear	n/a	n/a	Field
00095	Specific Conductance(Field)	Bladder Pump	N	Field	07/21/99	51	umhos/cm	n/a	Field
00076	Turbidity (Field)	Bladder Pump	N	Field	07/21/99	1.63	NTU	n/a	Field
00010	Water Temperature in deg Celsius	Bladder Pump	N	Field	07/21/99	23.3	Deg C	n/a	Field
01097	Antimony - Total	Bladder Pump	N	204.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
01002	Arsenic - Total	Bladder Pump	N	206.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00209	Barium - Total	Bladder Pump	N	208.1	7/28-8/13/99	<0.5	mg/l	0.5	HNO3 to pH < 2
01012	Beryllium - Total	Bladder Pump	N	210.2	7/28-8/13/99	<0.0020	mg/l	0.002	HNO3 to pH < 2
01012	Cadmium - Total	Bladder Pump	N	213.2	7/28-8/13/99	<0.0010	mg/l	0.001	HNO3 to pH < 2
01034	Chloride	Bladder Pump	N	300.0	7/21/99 2353	5.62	mg/l	0.2	cool to 4 C
01034	Chromium - Total	Bladder Pump	N	200.8	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01037	Cobalt - Total	Bladder Pump	N	219.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
00080	Color	Bladder Pump	N	110.2	7/22/99 0902	<5	Units	5	cool to 4 C
01042	Copper - Total	Bladder Pump	N	220.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
01045	Iron - Total	Bladder Pump	N	236.1	7/28-8/13/99	0.6	mg/l	0.1	HNO3 to pH < 2
01051	Lead - Total	Bladder Pump	N	239.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
71900	Mercury - Total	Bladder Pump	N	245.1	7/28-8/13/99	<0.0005	mg/l	0.0005	HNO3 to pH < 2
01067	Nickel - Total	Bladder Pump	N	249.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
49578	Nitrogen, Ammonia	Bladder Pump	N	350.3	7/26/99 1107	<0.1	mg/l	0.1	H2SO4 pH < 2
00620	Nitrogen, Nitrate	Bladder Pump	N	300.0	7/21/99 2353	<0.2	mg/l	0.2	cool to 4 C
00214	Selenium - Total	Bladder Pump	N	270.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00215	Silver - Total	Bladder Pump	N	272.1	7/28-8/13/99	<0.025	mg/l	0.025	HNO3 to pH < 2
00929	Sodium - Total	Bladder Pump	N	273.1	7/28-8/13/99	3.4	mg/l	0.5	HNO3 to pH < 2
70304	Solids, Total Dissolved	Bladder Pump	N	160.1	7/22/99 1700	46	mg/l	10	cool to 4 C
01059	Thallium - Total	Bladder Pump	N	279.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01087	Vanadium - Total	Bladder Pump	N	200.8	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01092	Zinc - Total	Bladder Pump	N	289.1	7/28-8/13/99	0.05	mg/l	0.05	HNO3 to pH < 2
81552	Acetone	Bladder Pump	N	8260	07/23/99	<20	ug/l	20	HCl to pH < 2
34215	Acrylonitrile	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34030	Benzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73085	Bromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32101	Bromodichloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32104	Bromoform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34413	Bromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2

PART III ANALYTICAL RESULTS

Property GMS #: 3116P02787 Sampling Date/Time: 7/20/1999 1011
 Test Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: MWB-7I Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: () Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ (**X**) Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
81348	2-Butanone	Bladder Pump	N	8260	7/23/99	<10	ug/l	10	HCl to pH < 2
77041	Carbon Disulfide	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
32102	Carbon Tetrachloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34301	Chlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34311	Chloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32106	Chloroform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34418	Chloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32105	Dibromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
38760	1,2-Dibromo-3-Chloropropane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30203	1,2-Dibromoethane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30217	Dibromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34521	1,2-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34521	1,4-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73547	Trans-1, 4-Dichloro-2-Butene	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34496	1,1-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34531	1,2-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34501	1,1-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77093	Cis-1,2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34546	Trans-1, 2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2-Dichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34561	Cis-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34699	Trans-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34371	Ethylbenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77103	2-Hexanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77424	Iodomethane	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34423	Methylene Chloride	Bladder Pump	N	8260	07/23/99	<5	ug/l	5	HCl to pH < 2
77113	4-Methyl-2-Pentanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77128	Styrene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77562	1,1,1,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34516	1,1,2,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34475	Tetrachloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34010	Toluene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34506	1,1,1- Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34511	1,1,2-Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
39180	Trichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34488	Trichlorofluoromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2,3-Trichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77057	Vinyl Acetate	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77057	Vinyl Chloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
81351	Xylene (Total)	Bladder Pump	N	8260	07/23/99	<2	ug/l	2	HCl to pH < 2

PART III ANALYTICAL RESULTS

Facility GMS #: 3116P02787 Sampling Date/Time: 7/20/1999 1013
 Test Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: MWB-7D Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: () Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ (X) Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
observed	Field Odor	Bladder Pump	N	Field	07/21/99	None	n/a	n/a	Field
00299	Oxygen, Dissolved (Field)	Bladder Pump	N	Field	07/21/99	0.8	mg/l	n/a	Field
00400	Ph (Field)	Bladder Pump	N	Field	07/21/99	7.03	n/a	n/a	Field
observed	Sheen, Visible	Bladder Pump	N	Field	07/21/99	Clear	n/a	n/a	Field
00095	Specific Conductance(Field)	Bladder Pump	N	Field	07/21/99	361	umhos/cm	n/a	Field
00076	Turbidity (Field)	Bladder Pump	N	Field	07/21/99	0.32	NTU	n/a	Field
00010	Water Temperature in deg Celsius	Bladder Pump	N	Field	07/21/99	23.2	Deg C	n/a	Field
01097	Antimony - Total	Bladder Pump	N	204.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
01002	Arsenic - Total	Bladder Pump	N	206.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00209	Barium - Total	Bladder Pump	N	208.1	7/28-8/13/99	<0.5	mg/l	0.5	HNO3 to pH < 2
01012	Beryllium - Total	Bladder Pump	N	210.2	7/28-8/13/99	<0.0020	mg/l	0.002	HNO3 to pH < 2
01013	Cadmium - Total	Bladder Pump	N	213.2	7/28-8/13/99	<0.0010	mg/l	0.001	HNO3 to pH < 2
01014	Chloride	Bladder Pump	N	300.0	7/21/99 2353	4.34	mg/l	0.2	cool to 4 C
01034	Chromium - Total	Bladder Pump	N	200.8	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01037	Cobalt - Total	Bladder Pump	N	219.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
00080	Color	Bladder Pump	N	110.2	7/22/99 0902	5	Units	5	cool to 4 C
01042	Copper - Total	Bladder Pump	N	220.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
01045	Iron - Total	Bladder Pump	N	236.1	7/28-8/13/99	0.3	mg/l	0.1	HNO3 to pH < 2
01051	Lead - Total	Bladder Pump	N	239.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
71900	Mercury - Total	Bladder Pump	N	245.1	7/28-8/13/99	<0.0005	mg/l	0.0005	HNO3 to pH < 2
01067	Nickel - Total	Bladder Pump	N	249.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
49578	Nitrogen, Ammonia	Bladder Pump	N	350.3	7/26/99 1107	0.17	mg/l	0.1	H2SO4 pH < 2
00620	Nitrogen, Nitrate	Bladder Pump	N	300.0	7/21/99 2353	<0.2	mg/l	0.2	cool to 4 C
00214	Selenium - Total	Bladder Pump	N	270.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00215	Silver - Total	Bladder Pump	N	272.1	7/28-8/13/99	<0.025	mg/l	0.025	HNO3 to pH < 2
00929	Sodium - Total	Bladder Pump	N	273.1	7/28-8/13/99	4.6	mg/l	0.5	HNO3 to pH < 2
70304	Solids, Total Dissolved	Bladder Pump	N	160.1	7/22/99 1700	200	mg/l	10	cool to 4 C
01059	Thallium - Total	Bladder Pump	N	279.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01087	Vanadium - Total	Bladder Pump	N	200.8	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01092	Zinc - Total	Bladder Pump	N	289.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
81552	Acetone	Bladder Pump	N	8260	07/23/99	<20	ug/l	20	HCl to pH < 2
34215	Acrylonitrile	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34030	Benzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73085	Bromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32101	Bromodichloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32104	Bromoform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34413	Bromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2

PART III ANALYTICAL RESULTS

Property GMS #: 3116P02787 Sampling Date/Time: 7/20/1999 1013
 Test Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: MWB-7D Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: () Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ (☒) Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
81348	2-Butanone	Bladder Pump	N	8260	7/23/99	<10	ug/l	10	HCl to pH < 2
77041	Carbon Disulfide	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
32102	Carbon Tetrachloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34301	Chlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34311	Chloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32106	Chloroform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34418	Chloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32105	Dibromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
38760	1,2-Dibromo-3-Chloropropane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30203	1,2-Dibromoethane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30217	Dibromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34571	1,2-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73547	1,4-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34496	Trans-1, 4-Dichloro-2-Butene	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34531	1,1-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34501	1,2-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77093	1,1-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34546	Cis-1,2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	Trans-1, 2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34561	1,2-Dichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34699	Cis-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34371	Trans-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77103	Ethylbenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77424	2-Hexanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34423	Iodomethane	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77113	Methylene Chloride	Bladder Pump	N	8260	07/23/99	<5	ug/l	5	HCl to pH < 2
77128	4-Methyl-2-Pentanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77562	Styrene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34516	1,1,1,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34475	1,1,2,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34010	Tetrachloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34506	Toluene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34511	1,1,1-Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
39180	1,1,2-Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34488	Trichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	Trichlorofluoromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77057	1,2,3-Trichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
81349	Vinyl Acetate	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
81350	Vinyl Chloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
81351	Xylene (Total)	Bladder Pump	N	8260	07/23/99	<2	ug/l	2	HCl to pH < 2

PART III ANALYTICAL RESULTS

Facility GMS #:	3116P02787	Sampling Date/Time:	07/21/99
Site ID#:		Report Period:	1999/July-Sept.
			(year/quarter)
Well Name:	MWB-11S	Well Purge (Y/N):	Y
Classification of Groundwater:	G-II	Well Type:	() Background
Ground Water Elevation (NGVD):			() Intermediate
or (MSL):			(X) Compliance
			() Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
observed	Field Odor	Bladder Pump	N	Field	07/21/99	NA	n/a	n/a	Field
00299	Oxygen, Dissolved (Field)	Bladder Pump	N	Field	07/21/99	NA	mg/l	n/a	Field
00400	Ph (Field)	Bladder Pump	N	Field	07/21/99	NA	n/a	n/a	Field
observed	Sheen, Visible	Bladder Pump	N	Field	07/21/99	NA	n/a	n/a	Field
00095	Specific Conductance(Field)	Bladder Pump	N	Field	07/21/99	NA	umhos/cm	n/a	Field
00076	Turbidity (Field)	Bladder Pump	N	Field	07/21/99	NA	NTU	n/a	Field
00010	Water Temperature in deg Celsius	Bladder Pump	N	Field	07/21/99	NA	Deg C	n/a	Field
01097	Antimony - Total	Bladder Pump	N	204.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
01002	Arsenic - Total	Bladder Pump	N	206.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00209	Barium - Total	Bladder Pump	N	208.1	7/28-8/13/99	<0.5	mg/l	0.5	HNO3 to pH < 2
01012	Beryllium - Total	Bladder Pump	N	210.2	7/28-8/13/99	<0.0020	mg/l	0.002	HNO3 to pH < 2
01007	Cadmium - Total	Bladder Pump	N	213.2	7/28-8/13/99	<0.0010	mg/l	0.001	HNO3 to pH < 2
01033	Chloride	Bladder Pump	N	300.0	7/21/99 2353	9.86	mg/l	0.2	cool to 4 C
01034	Chromium - Total	Bladder Pump	N	200.8	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01037	Cobalt - Total	Bladder Pump	N	219.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
00080	Color	Bladder Pump	N	110.2	7/22/99 0902	5	Units	5	cool to 4 C
01042	Copper - Total	Bladder Pump	N	220.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
01045	Iron - Total	Bladder Pump	N	236.1	7/28-8/13/99	0.7	mg/l	0.1	HNO3 to pH < 2
01051	Lead - Total	Bladder Pump	N	239.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
71900	Mercury - Total	Bladder Pump	N	245.1	7/28-8/13/99	<0.0005	mg/l	0.0005	HNO3 to pH < 2
01067	Nickel - Total	Bladder Pump	N	249.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
49578	Nitrogen, Ammonia	Bladder Pump	N	350.3	7/26/99 1107	<0.1	mg/l	0.1	H2SO4 pH < 2
00620	Nitrogen, Nitrate	Bladder Pump	N	300.0	7/21/99 2353	<0.2	mg/l	0.2	cool to 4 C
00214	Selenium - Total	Bladder Pump	N	270.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00215	Silver - Total	Bladder Pump	N	272.1	7/28-8/13/99	<0.025	mg/l	0.025	HNO3 to pH < 2
00929	Sodium - Total	Bladder Pump	N	273.1	7/28-8/13/99	5	mg/l	0.5	HNO3 to pH < 2
70304	Solids, Total Dissolved	Bladder Pump	N	160.1	7/22/99 1700	68	mg/l	10	cool to 4 C
01059	Thallium - Total	Bladder Pump	N	279.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01087	Vanadium - Total	Bladder Pump	N	200.8	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01092	Zinc - Total	Bladder Pump	N	289.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
81552	Acetone	Bladder Pump	N	8260	07/23/99	<20	ug/l	20	HCl to pH < 2
34215	Acrylonitrile	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34030	Benzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73085	Bromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32101	Bromodichloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32104	Bromoform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34413	Bromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2

PART III ANALYTICAL RESULTS

Facility GMS #: 3116P02787 Sampling Date/Time: 07/21/99
 Test Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: MWB-11S Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: () Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ (**X**) Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
81348	2-Butanone	Bladder Pump	N	8260	7/23/99	<10	ug/l	10	HCl to pH < 2
77041	Carbon Disulfide	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
32102	Carbon Tetrachloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34301	Chlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34311	Chloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32106	Chloroform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34418	Chloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32105	Dibromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
38760	1,2-Dibromo-3-Chloropropane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30203	1,2-Dibromoethane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30217	Dibromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34551	1,2-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34551	1,4-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73547	Trans-1, 4-Dichloro-2-Butene	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34496	1,1-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34531	1,2-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34501	1,1-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77093	Cis-1,2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34546	Trans-1, 2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2-Dichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34561	Cis-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34699	Trans-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34371	Ethylbenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77103	2-Hexanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77424	Iodomethane	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34423	Methylene Chloride	Bladder Pump	N	8260	07/23/99	<5	ug/l	5	HCl to pH < 2
77113	4-Methyl-2-Pentanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77128	Styrene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77562	1,1,1,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34516	1,1,2,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34475	Tetrachloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34010	Toluene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34506	1,1,1-Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34511	1,1,2-Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
39180	Trichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34488	Trichlorofluoromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2,3-Trichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77057	Vinyl Acetate	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34551	Vinyl Chloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
81551	Xylene (Total)	Bladder Pump	N	8260	07/23/99	<2	ug/l	2	HCl to pH < 2

PART III ANALYTICAL RESULTS

Facility GMS #: 3116P02787 Sampling Date/Time: 07/21/99
 Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: MWB-111 Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: () Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ (☒) Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
observed	Field Odor	Bladder Pump	N	Field	07/21/99	NA	n/a	n/a	Field
00299	Oxygen, Dissolved (Field)	Bladder Pump	N	Field	07/21/99	NA	mg/l	n/a	Field
00400	Ph (Field)	Bladder Pump	N	Field	07/21/99	NA	n/a	n/a	Field
observed	Sheen, Visible	Bladder Pump	N	Field	07/21/99	NA	n/a	n/a	Field
00095	Specific Conductance(Field)	Bladder Pump	N	Field	07/21/99	NA	umhos/cm	n/a	Field
00076	Turbidity (Field)	Bladder Pump	N	Field	07/21/99	NA	NTU	n/a	Field
00010	Water Temperature in deg Celsius	Bladder Pump	N	Field	07/21/99	NA	Deg C	n/a	Field
01097	Antimony - Total	Bladder Pump	N	204.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
01002	Arsenic - Total	Bladder Pump	N	206.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00209	Barium - Total	Bladder Pump	N	208.1	7/28-8/13/99	<0.5	mg/l	0.5	HNO3 to pH < 2
01012	Beryllium - Total	Bladder Pump	N	210.2	7/28-8/13/99	0.0029	mg/l	0.002	HNO3 to pH < 2
01034	Cadmium - Total	Bladder Pump	N	213.2	7/28-8/13/99	<0.0010	mg/l	0.001	HNO3 to pH < 2
01034	Chloride	Bladder Pump	N	300.0	7/21/99 2353	5.62	mg/l	0.2	cool to 4 C
01034	Chromium - Total	Bladder Pump	N	200.8	7/28-8/13/99	0.086	mg/l	0.002	HNO3 to pH < 2
01037	Cobalt - Total	Bladder Pump	N	219.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
00080	Color	Bladder Pump	N	110.2	7/22/99 0902	10	Units	5	cool to 4 C
01042	Copper - Total	Bladder Pump	N	220.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
01045	Iron - Total	Bladder Pump	N	236.1	7/28-8/13/99	1.7	mg/l	0.1	HNO3 to pH < 2
01051	Lead - Total	Bladder Pump	N	239.2	7/28-8/13/99	0.023	mg/l	0.002	HNO3 to pH < 2
71900	Mercury - Total	Bladder Pump	N	245.1	7/28-8/13/99	<0.0005	mg/l	0.0005	HNO3 to pH < 2
01067	Nickel - Total	Bladder Pump	N	249.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
49578	Nitrogen, Ammonia	Bladder Pump	N	350.3	7/26/99 1107	<0.1	mg/l	0.1	H2SO4 pH < 2
00620	Nitrogen, Nitrate	Bladder Pump	N	300.0	7/21/99 2353	<0.2	mg/l	0.2	cool to 4 C
00214	Selenium - Total	Bladder Pump	N	270.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00215	Silver - Total	Bladder Pump	N	272.1	7/28-8/13/99	<0.025	mg/l	0.025	HNO3 to pH < 2
00929	Sodium - Total	Bladder Pump	N	273.1	7/28-8/13/99	3.3	mg/l	0.5	HNO3 to pH < 2
70304	Solids, Total Dissolved	Bladder Pump	N	160.1	7/22/99 1700	91	mg/l	10	cool to 4 C
01059	Thallium - Total	Bladder Pump	N	279.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01087	Vanadium - Total	Bladder Pump	N	200.8	7/28-8/13/99	0.114	mg/l	0.002	HNO3 to pH < 2
01092	Zinc - Total	Bladder Pump	N	289.1	7/28-8/13/99	0.06	mg/l	0.05	HNO3 to pH < 2
81552	Acetone	Bladder Pump	N	8260	07/23/99	<20	ug/l	20	HCl to pH < 2
34215	Acrylonitrile	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34030	Benzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73085	Bromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32101	Bromodichloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32104	Bromoform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34413	Bromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2

PART III ANALYTICAL RESULTS

Property GMS #: 3116P02787 Sampling Date/Time: 07/21/99
 Test Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: MWB-11I Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: () Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ (**X**) Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
81348	2-Butanone	Bladder Pump	N	8260	7/23/99	<10	ug/l	10	HCl to pH < 2
77041	Carbon Disulfide	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
32102	Carbon Tetrachloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34301	Chlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34311	Chloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32106	Chloroform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34418	Chloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32105	Dibromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
38760	1,2-Dibromo-3-Chloropropane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30203	1,2-Dibromoethane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30217	Dibromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34411	1,2-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34411	1,4-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73547	Trans-1, 4-Dichloro-2-Butene	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34496	1,1-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34531	1,2-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34501	1,1-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77093	Cis-1,2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34546	Trans-1, 2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2-Dichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34561	Cis-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34699	Trans-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34371	Ethylbenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77103	2-Hexanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77424	Iodomethane	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34423	Methylene Chloride	Bladder Pump	N	8260	07/23/99	<5	ug/l	5	HCl to pH < 2
77113	4-Methyl-2-Pentanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77128	Styrene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77562	1,1,1,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34516	1,1,2,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34475	Tetrachloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34010	Toluene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34506	1,1,1- Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34511	1,1,2-Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
39180	Trichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34488	Trichlorofluoromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2,3-Trichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77057	Vinyl Acetate	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77057	Vinyl Chloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
81551	Xylene (Total)	Bladder Pump	N	8260	07/23/99	<2	ug/l	2	HCl to pH < 2

Facility GMS #:	3116P02787	Sampling Date/Time:	07/21/99
Site ID#:		Report Period:	1999/July-Sept.
			(year/quarter)
Well Name:	MWB-11I	Well Purge (Y/N):	Y
Classification of Groundwater:	G-II	Well Type:	() Background
Ground Water Elevation (NGVD):			() Intermediate
or (MSL):			(X) Compliance
			() Other

FDEP form 62-522.900(2)

PART III ANALYTICAL RESULTS

Facility GMS #: 3116P02787 Sampling Date/Time: 7/21/1999 0813
 Test Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: MWB-12S Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: () Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ (**X**) Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
observed	Field Odor	Bladder Pump	N	Field	07/21/99	Odor	n/a	n/a	Field
00299	Oxygen, Dissolved (Field)	Bladder Pump	N	Field	07/21/99	2.4	mg/l	n/a	Field
00400	Ph (Field)	Bladder Pump	N	Field	07/21/99	5.00	n/a	n/a	Field
observed	Sheen, Visible	Bladder Pump	N	Field	07/21/99	Clear	n/a	n/a	Field
00095	Specific Conductance(Field)	Bladder Pump	N	Field	07/21/99	87	umhos/cm	n/a	Field
00076	Turbidity (Field)	Bladder Pump	N	Field	07/21/99	7.66	NTU	n/a	Field
00010	Water Temperature in deg Celsius	Bladder Pump	N	Field	07/21/99	23.2	Deg C	n/a	Field
01097	Antimony - Total	Bladder Pump	N	204.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
01002	Arsenic - Total	Bladder Pump	N	206.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00209	Barium - Total	Bladder Pump	N	208.1	7/28-8/13/99	<0.5	mg/l	0.5	HNO3 to pH < 2
01012	Beryllium - Total	Bladder Pump	N	210.2	7/28-8/13/99	<0.0020	mg/l	0.002	HNO3 to pH < 2
01012	Cadmium - Total	Bladder Pump	N	213.2	7/28-8/13/99	<0.0010	mg/l	0.001	HNO3 to pH < 2
01012	Chloride	Bladder Pump	N	300.0	7/21/99 2353	8.29	mg/l	0.2	cool to 4 C
01034	Chromium - Total	Bladder Pump	N	200.8	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01037	Cobalt - Total	Bladder Pump	N	219.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
00080	Color	Bladder Pump	N	110.2	7/22/99 0902	30	Units	5	cool to 4 C
01042	Copper - Total	Bladder Pump	N	220.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
01045	Iron - Total	Bladder Pump	N	236.1	7/28-8/13/99	0.2	mg/l	0.1	HNO3 to pH < 2
01051	Lead - Total	Bladder Pump	N	239.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
71900	Mercury - Total	Bladder Pump	N	245.1	7/28-8/13/99	<0.0005	mg/l	0.0005	HNO3 to pH < 2
01067	Nickel - Total	Bladder Pump	N	249.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
49578	Nitrogen, Ammonia	Bladder Pump	N	350.3	7/26/99 1107	0.69	mg/l	0.1	H2SO4 pH < 2
00620	Nitrogen, Nitrate	Bladder Pump	N	300.0	7/21/99 2353	<0.2	mg/l	0.2	cool to 4 C
00214	Selenium - Total	Bladder Pump	N	270.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00215	Silver - Total	Bladder Pump	N	272.1	7/28-8/13/99	<0.025	mg/l	0.025	HNO3 to pH < 2
00929	Sodium - Total	Bladder Pump	N	273.1	7/28-8/13/99	4.4	mg/l	0.5	HNO3 to pH < 2
70304	Solids, Total Dissolved	Bladder Pump	N	160.1	7/22/99 1700	57	mg/l	10	cool to 4 C
01059	Thallium - Total	Bladder Pump	N	279.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01087	Vanadium - Total	Bladder Pump	N	200.8	7/28-8/13/99	0.003	mg/l	0.002	HNO3 to pH < 2
01092	Zinc - Total	Bladder Pump	N	289.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
81552	Acetone	Bladder Pump	N	8260	07/23/99	<20	ug/l	20	HCl to pH < 2
34215	Acrylonitrile	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34030	Benzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73085	Bromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32101	Bromodichloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32104	Bromoform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34413	Bromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2

PART III ANALYTICAL RESULTS

Facility GMS #: 3116P02787 Sampling Date/Time: 7/21/1999 0813
 Test Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: MWB-12S Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: () Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ (**X**) Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
81348	2-Butanone	Bladder Pump	N	8260	7/23/99	<10	ug/l	10	HCl to pH < 2
77041	Carbon Disulfide	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
32102	Carbon Tetrachloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34301	Chlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34311	Chloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32106	Chloroform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34418	Chloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32105	Dibromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
38760	1,2-Dibromo-3-Chloropropane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30203	1,2-Dibromoethane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30217	Dibromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34551	1,2-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34551	1,4-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73547	Trans-1, 4-Dichloro-2-Butene	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34496	1,1-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34531	1,2-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34501	1,1-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77093	Cis-1,2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34546	Trans-1, 2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2-Dichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34561	Cis-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34699	Trans-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34371	Ethylbenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77103	2-Hexanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77424	Iodomethane	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34423	Methylene Chloride	Bladder Pump	N	8260	07/23/99	<5	ug/l	5	HCl to pH < 2
77113	4-Methyl-2-Pentanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77128	Styrene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77562	1,1,1,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34516	1,1,2,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34475	Tetrachloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34010	Toluene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34506	1,1,1-Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34511	1,1,2-Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
39180	Trichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34488	Trichlorofluoromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2,3-Trichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77057	Vinyl Acetate	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34551	Vinyl Chloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
81351	Xylene (Total)	Bladder Pump	N	8260	07/23/99	<2	ug/l	2	HCl to pH < 2

PART III ANALYTICAL RESULTS

Facility GMS #: 3116P02787 Sampling Date/Time: 7/21/1999 0747
 Test Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: MWB-12I Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: ☐ Background
 Ground Water Elevation (NGVD): _____ ☐ Intermediate
 or (MSL): _____ ☒ Compliance
☐ Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
observed	Field Odor	Bladder Pump	N	Field	07/21/99	Slight	n/a	n/a	Field
00299	Oxygen, Dissolved (Field)	Bladder Pump	N	Field	07/21/99	1.1	mg/l	n/a	Field
00400	Ph (Field)	Bladder Pump	N	Field	07/21/99	5.51	n/a	n/a	Field
observed	Sheen, Visible	Bladder Pump	N	Field	07/21/99	Clear	n/a	n/a	Field
00095	Specific Conductance(Field)	Bladder Pump	N	Field	07/21/99	46	umhos/cm	n/a	Field
00076	Turbidity (Field)	Bladder Pump	N	Field	07/21/99	3.11	NTU	n/a	Field
00010	Water Temperature in deg Celsius	Bladder Pump	N	Field	07/21/99	22.1	Deg C	n/a	Field
01097	Antimony - Total	Bladder Pump	N	204.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
01002	Arsenic - Total	Bladder Pump	N	206.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00209	Barium - Total	Bladder Pump	N	208.1	7/28-8/13/99	<0.5	mg/l	0.5	HNO3 to pH < 2
01012	Beryllium - Total	Bladder Pump	N	210.2	7/28-8/13/99	<0.0020	mg/l	0.002	HNO3 to pH < 2
01012	Cadmium - Total	Bladder Pump	N	213.2	7/28-8/13/99	<0.0010	mg/l	0.001	HNO3 to pH < 2
01034	Chloride	Bladder Pump	N	300.0	7/21/99 2353	5.56	mg/l	0.2	cool to 4 C
01034	Chromium - Total	Bladder Pump	N	200.8	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01037	Cobalt - Total	Bladder Pump	N	219.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
00080	Color	Bladder Pump	N	110.2	7/22/99 0902	<5	Units	5	cool to 4 C
01042	Copper - Total	Bladder Pump	N	220.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
01045	Iron - Total	Bladder Pump	N	236.1	7/28-8/13/99	0.4	mg/l	0.1	HNO3 to pH < 2
01051	Lead - Total	Bladder Pump	N	239.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
71900	Mercury - Total	Bladder Pump	N	245.1	7/28-8/13/99	<0.0005	mg/l	0.0005	HNO3 to pH < 2
01067	Nickel - Total	Bladder Pump	N	249.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
49578	Nitrogen, Ammonia	Bladder Pump	N	350.3	7/26/99 1107	<0.1	mg/l	0.1	H2SO4 pH < 2
00620	Nitrogen, Nitrate	Bladder Pump	N	300.0	7/21/99 2353	<0.2	mg/l	0.2	cool to 4 C
00214	Selenium - Total	Bladder Pump	N	270.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00215	Silver - Total	Bladder Pump	N	272.1	7/28-8/13/99	<0.025	mg/l	0.025	HNO3 to pH < 2
00929	Sodium - Total	Bladder Pump	N	273.1	7/28-8/13/99	3.7	mg/l	0.5	HNO3 to pH < 2
70304	Solids, Total Dissolved	Bladder Pump	N	160.1	7/22/99 1700	50	mg/l	10	cool to 4 C
01059	Thallium - Total	Bladder Pump	N	279.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01087	Vanadium - Total	Bladder Pump	N	200.8	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01092	Zinc - Total	Bladder Pump	N	289.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
81552	Acetone	Bladder Pump	N	8260	07/23/99	<20	ug/l	20	HCl to pH < 2
34215	Acrylonitrile	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34030	Benzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73085	Bromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32101	Bromodichloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32104	Bromoform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34413	Bromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2

PART III ANALYTICAL RESULTS

Facility GMS #: 3116P02787 Sampling Date/Time: 7/21/1999 0747
 Test Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: MWB-12I Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: () Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ (**X**) Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
81348	2-Butanone	Bladder Pump	N	8260	7/23/99	<10	ug/l	10	HCl to pH < 2
77041	Carbon Disulfide	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
32102	Carbon Tetrachloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34301	Chlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34311	Chloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32106	Chloroform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34418	Chloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32105	Dibromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
38760	1,2-Dibromo-3-Chloropropane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30203	1,2-Dibromoethane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30217	Dibromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34551	1,2-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34551	1,4-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73547	Trans-1, 4-Dichloro-2-Butene	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34496	1,1-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34531	1,2-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34501	1,1-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77093	Cis-1,2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34546	Trans-1, 2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2-Dichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34561	Cis-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34699	Trans-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34371	Ethylbenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77103	2-Hexanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77424	Iodomethane	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34423	Methylene Chloride	Bladder Pump	N	8260	07/23/99	<5	ug/l	5	HCl to pH < 2
77113	4-Methyl-2-Pentanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77128	Styrene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77562	1,1,1,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34516	1,1,2,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34475	Tetrachloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34010	Toluene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34506	1,1,1-Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34511	1,1,2-Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
39180	Trichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34488	Trichlorofluoromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2,3-Trichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77057	Vinyl Acetate	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34551	Vinyl Chloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
81551	Xylene (Total)	Bladder Pump	N	8260	07/23/99	<2	ug/l	2	HCl to pH < 2

PART III ANALYTICAL RESULTS

Facility GMS #: 3116P02787 Sampling Date/Time: 7/21/1999 0751
 Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: MWB-12D Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: () Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ (**X**) Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
observed	Field Odor	Bladder Pump	N	Field	07/21/99	None	n/a	n/a	Field
00299	Oxygen, Dissolved (Field)	Bladder Pump	N	Field	07/21/99	0.9	mg/l	n/a	Field
00400	Ph (Field)	Bladder Pump	N	Field	07/21/99	6.86	n/a	n/a	Field
observed	Sheen, Visible	Bladder Pump	N	Field	07/21/99	Clear	n/a	n/a	Field
00095	Specific Conductance(Field)	Bladder Pump	N	Field	07/21/99	362	umhos/cm	n/a	Field
00076	Turbidity (Field)	Bladder Pump	N	Field	07/21/99	4.16	NTU	n/a	Field
00010	Water Temperature in deg Celsius	Bladder Pump	N	Field	07/21/99	22.0	Deg C	n/a	Field
01097	Antimony - Total	Bladder Pump	N	204.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
01002	Arsenic - Total	Bladder Pump	N	206.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00209	Barium - Total	Bladder Pump	N	208.1	7/28-8/13/99	<0.5	mg/l	0.5	HNO3 to pH < 2
01012	Beryllium - Total	Bladder Pump	N	210.2	7/28-8/13/99	<0.0020	mg/l	0.002	HNO3 to pH < 2
01037	Cadmium - Total	Bladder Pump	N	213.2	7/28-8/13/99	<0.0010	mg/l	0.001	HNO3 to pH < 2
01034	Chloride	Bladder Pump	N	300.0	7/21/99 2353	4.35	mg/l	0.2	cool to 4 C
01034	Chromium - Total	Bladder Pump	N	200.8	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01037	Cobalt - Total	Bladder Pump	N	219.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
00080	Color	Bladder Pump	N	110.2	7/22/99 0902	10	Units	5	cool to 4 C
01042	Copper - Total	Bladder Pump	N	220.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
01045	Iron - Total	Bladder Pump	N	236.1	7/28-8/13/99	0.8	mg/l	0.1	HNO3 to pH < 2
01051	Lead - Total	Bladder Pump	N	239.2	7/28-8/13/99	0.003	mg/l	0.002	HNO3 to pH < 2
71900	Mercury - Total	Bladder Pump	N	245.1	7/28-8/13/99	<0.0005	mg/l	0.0005	HNO3 to pH < 2
01067	Nickel - Total	Bladder Pump	N	249.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
49578	Nitrogen, Ammonia	Bladder Pump	N	350.3	7/26/99 1107	0.18	mg/l	0.1	H2SO4 pH < 2
00620	Nitrogen, Nitrate	Bladder Pump	N	300.0	7/21/99 2353	<0.2	mg/l	0.2	cool to 4 C
00214	Selenium - Total	Bladder Pump	N	270.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00215	Silver - Total	Bladder Pump	N	272.1	7/28-8/13/99	<0.025	mg/l	0.025	HNO3 to pH < 2
00929	Sodium - Total	Bladder Pump	N	273.1	7/28-8/13/99	5.8	mg/l	0.5	HNO3 to pH < 2
70304	Solids, Total Dissolved	Bladder Pump	N	160.1	7/22/99 1700	250	mg/l	10	cool to 4 C
01059	Thallium - Total	Bladder Pump	N	279.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01087	Vanadium - Total	Bladder Pump	N	200.8	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01092	Zinc - Total	Bladder Pump	N	289.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
81552	Acetone	Bladder Pump	N	8260	07/23/99	<20	ug/l	20	HCl to pH < 2
34215	Acrylonitrile	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34030	Benzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73085	Bromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32101	Bromodichloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32104	Bromoform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34413	Bromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2

PART III ANALYTICAL RESULTS

Facility GMS #: 3116P02787 Sampling Date/Time: 7/21/1999 0751
 Test Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: MWB-12D Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: () Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ (**X**) Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
81348	2-Butanone	Bladder Pump	N	8260	7/23/99	<10	ug/l	10	HCl to pH < 2
77041	Carbon Disulfide	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
32102	Carbon Tetrachloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34301	Chlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34311	Chloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32106	Chloroform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34418	Chloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32105	Dibromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
38760	1,2-Dibromo-3-Chloropropane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30203	1,2-Dibromoethane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30217	Dibromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34501	1,2-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34501	1,4-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73547	Trans-1, 4-Dichloro-2-Butene	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34496	1,1-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34531	1,2-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34501	1,1-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77093	Cis-1,2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34546	Trans-1, 2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2-Dichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34561	Cis-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34699	Trans-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34371	Ethylbenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77103	2-Hexanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77424	Iodomethane	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34423	Methylene Chloride	Bladder Pump	N	8260	07/23/99	<5	ug/l	5	HCl to pH < 2
77113	4-Methyl-2-Pentanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77128	Styrene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77562	1,1,1,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34516	1,1,2,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34475	Tetrachloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34010	Toluene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34506	1,1,1-Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34511	1,1,2-Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
39180	Trichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34488	Trichlorofluoromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2,3-Trichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77057	Vinyl Acetate	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77057	Vinyl Chloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
81551	Xylene (Total)	Bladder Pump	N	8260	07/23/99	<2	ug/l	2	HCl to pH < 2

PART III ANALYTICAL RESULTS

Facility GMS #: 3116P02787 Sampling Date/Time: 7/20/1999 1149
 Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: MWB-19S Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: () Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ (X) Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
observed	Field Odor	Bladder Pump	N	Field	07/21/99	Odor	n/a	n/a	Field
00299	Oxygen, Dissolved (Field)	Bladder Pump	N	Field	07/21/99	1.2	mg/l	n/a	Field
00400	Ph (Field)	Bladder Pump	N	Field	07/21/99	4.93	n/a	n/a	Field
observed	Sheen, Visible	Bladder Pump	N	Field	07/21/99	Clear	n/a	n/a	Field
00095	Specific Conductance(Field)	Bladder Pump	N	Field	07/21/99	94	umhos/cm	n/a	Field
00076	Turbidity (Field)	Bladder Pump	N	Field	07/21/99	2.91	NTU	n/a	Field
00010	Water Temperature in deg Celsius	Bladder Pump	N	Field	07/21/99	23.3	Deg C	n/a	Field
01097	Antimony - Total	Bladder Pump	N	204.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
01002	Arsenic - Total	Bladder Pump	N	206.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00209	Barium - Total	Bladder Pump	N	208.1	7/28-8/13/99	<0.5	mg/l	0.5	HNO3 to pH < 2
01012	Beryllium - Total	Bladder Pump	N	210.2	7/28-8/13/99	<0.0020	mg/l	0.002	HNO3 to pH < 2
01005	Cadmium - Total	Bladder Pump	N	213.2	7/28-8/13/99	<0.0010	mg/l	0.001	HNO3 to pH < 2
01008	Chloride	Bladder Pump	N	300.0	7/21/99 2353	10.2	mg/l	0.2	cool to 4 C
01034	Chromium - Total	Bladder Pump	N	200.8	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01037	Cobalt - Total	Bladder Pump	N	219.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
00080	Color	Bladder Pump	N	110.2	7/22/99 0902	15	Units	5	cool to 4 C
01042	Copper - Total	Bladder Pump	N	220.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
01045	Iron - Total	Bladder Pump	N	236.1	7/28-8/13/99	0.7	mg/l	0.1	HNO3 to pH < 2
01051	Lead - Total	Bladder Pump	N	239.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
71900	Mercury - Total	Bladder Pump	N	245.1	7/28-8/13/99	<0.0005	mg/l	0.0005	HNO3 to pH < 2
01067	Nickel - Total	Bladder Pump	N	249.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
49578	Nitrogen, Ammonia	Bladder Pump	N	350.3	7/26/99 1107	0.2	mg/l	0.1	H2SO4 pH < 2
00620	Nitrogen, Nitrate	Bladder Pump	N	300.0	7/21/99 2353	<0.2	mg/l	0.2	cool to 4 C
00214	Selenium - Total	Bladder Pump	N	270.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00215	Silver - Total	Bladder Pump	N	272.1	7/28-8/13/99	<0.025	mg/l	0.025	HNO3 to pH < 2
00929	Sodium - Total	Bladder Pump	N	273.1	7/28-8/13/99	5.6	mg/l	0.5	HNO3 to pH < 2
70304	Solids, Total Dissolved	Bladder Pump	N	160.1	7/22/99 1700	74	mg/l	10	cool to 4 C
01059	Thallium - Total	Bladder Pump	N	279.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01087	Vanadium - Total	Bladder Pump	N	200.8	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01092	Zinc - Total	Bladder Pump	N	289.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
81552	Acetone	Bladder Pump	N	8260	07/23/99	<20	ug/l	20	HCl to pH < 2
34215	Acrylonitrile	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34030	Benzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73085	Bromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32101	Bromodichloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32104	Bromoform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34413	Bromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2

PART III ANALYTICAL RESULTS

Facility GMS #: 3116P02787 Sampling Date/Time: 7/20/1999 1149
 Test Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: MWB-19S Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: () Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ (**X**) Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
81348	2-Butanone	Bladder Pump	N	8260	7/23/99	<10	ug/l	10	HCl to pH < 2
77041	Carbon Disulfide	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
32102	Carbon Tetrachloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34301	Chlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34311	Chloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32106	Chloroform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34418	Chloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32105	Dibromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
38760	1,2-Dibromo-3-Chloropropane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30203	1,2-Dibromoethane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30217	Dibromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34496	1,2-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34531	1,4-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73547	Trans-1, 4-Dichloro-2-Butene	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34496	1,1-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34531	1,2-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34501	1,1-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77093	Cis-1,2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34546	Trans-1, 2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2-Dichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34561	Cis-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34699	Trans-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34371	Ethylbenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77103	2-Hexanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77424	Iodomethane	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34423	Methylene Chloride	Bladder Pump	N	8260	07/23/99	<5	ug/l	5	HCl to pH < 2
77113	4-Methyl-2-Pentanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77128	Styrene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77562	1,1,1,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34516	1,1,2,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34475	Tetrachloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34010	Toluene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34506	1,1,1-Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34511	1,1,2-Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
39180	Trichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34488	Trichlorofluoromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2,3-Trichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77057	Vinyl Acetate	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77057	Vinyl Chloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
81351	Xylene (Total)	Bladder Pump	N	8260	07/23/99	<2	ug/l	2	HCl to pH < 2

PART III ANALYTICAL RESULTS

Facility GMS #: 3116P02787 Sampling Date/Time: 7/20/1999 1111
 Test Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: MWB-19I Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: () Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ (X) Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
observed	Field Odor	Bladder Pump	N	Field	07/21/99	Slight	n/a	n/a	Field
00299	Oxygen, Dissolved (Field)	Bladder Pump	N	Field	07/21/99	1.4	mg/l	n/a	Field
00400	Ph (Field)	Bladder Pump	N	Field	07/21/99	5.17	n/a	n/a	Field
observed	Sheen, Visible	Bladder Pump	N	Field	07/21/99	Clear	n/a	n/a	Field
00095	Specific Conductance(Field)	Bladder Pump	N	Field	07/21/99	44	umhos/cm	n/a	Field
00076	Turbidity (Field)	Bladder Pump	N	Field	07/21/99	>200	NTU	n/a	Field
00010	Water Temperature in deg Celsius	Bladder Pump	N	Field	07/21/99	22.6	Deg C	n/a	Field
01097	Antimony - Total	Bladder Pump	N	204.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
01002	Arsenic - Total	Bladder Pump	N	206.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00209	Barium - Total	Bladder Pump	N	208.1	7/28-8/13/99	<0.5	mg/l	0.5	HNO3 to pH < 2
01012	Beryllium - Total	Bladder Pump	N	210.2	7/28-8/13/99	<0.0020	mg/l	0.002	HNO3 to pH < 2
01033	Cadmium - Total	Bladder Pump	N	213.2	7/28-8/13/99	0.0015	mg/l	0.001	HNO3 to pH < 2
01034	Chloride	Bladder Pump	N	300.0	7/21/99 2353	6.04	mg/l	0.2	cool to 4 C
01034	Chromium - Total	Bladder Pump	N	200.8	7/28-8/13/99	0.008	mg/l	0.002	HNO3 to pH < 2
01037	Cobalt - Total	Bladder Pump	N	219.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
00080	Color	Bladder Pump	N	110.2	7/22/99 0902	40	Units	5	cool to 4 C
01042	Copper - Total	Bladder Pump	N	220.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
01045	Iron - Total	Bladder Pump	N	236.1	7/28-8/13/99	0.9	mg/l	0.1	HNO3 to pH < 2
01051	Lead - Total	Bladder Pump	N	239.2	7/28-8/13/99	0.002	mg/l	0.002	HNO3 to pH < 2
71900	Mercury - Total	Bladder Pump	N	245.1	7/28-8/13/99	<0.0005	mg/l	0.0005	HNO3 to pH < 2
01067	Nickel - Total	Bladder Pump	N	249.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
49578	Nitrogen, Ammonia	Bladder Pump	N	350.3	7/26/99 1107	<0.1	mg/l	0.1	H2SO4 pH < 2
00620	Nitrogen, Nitrate	Bladder Pump	N	300.0	7/21/99 2353	<0.2	mg/l	0.2	cool to 4 C
00214	Selenium - Total	Bladder Pump	N	270.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00215	Silver - Total	Bladder Pump	N	272.1	7/28-8/13/99	<0.025	mg/l	0.025	HNO3 to pH < 2
00929	Sodium - Total	Bladder Pump	N	273.1	7/28-8/13/99	3.6	mg/l	0.5	HNO3 to pH < 2
70304	Solids, Total Dissolved	Bladder Pump	N	160.1	7/22/99 1700	50	mg/l	10	cool to 4 C
01059	Thallium - Total	Bladder Pump	N	279.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01087	Vanadium - Total	Bladder Pump	N	200.8	7/28-8/13/99	0.012	mg/l	0.002	HNO3 to pH < 2
01092	Zinc - Total	Bladder Pump	N	289.1	7/28-8/13/99	0.07	mg/l	0.05	HNO3 to pH < 2
81552	Acetone	Bladder Pump	N	8260	07/23/99	<20	ug/l	20	HCl to pH < 2
34215	Acrylonitrile	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34030	Benzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73085	Bromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32101	Bromodichloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32104	Bromoform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34413	Bromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2

PART III ANALYTICAL RESULTS

Facility GMS #: 3116P02787 Sampling Date/Time: 7/20/1999 1111
 Test Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: MWB-19I Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: () Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ (**X**) Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
81348	2-Butanone	Bladder Pump	N	8260	7/23/99	<10	ug/l	10	HCl to pH < 2
77041	Carbon Disulfide	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
32102	Carbon Tetrachloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34301	Chlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34311	Chloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32106	Chloroform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34418	Chloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32105	Dibromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
38760	1,2-Dibromo-3-Chloropropane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30203	1,2-Dibromoethane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30217	Dibromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34571	1,2-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73547	1,4-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34496	Trans-1, 4-Dichloro-2-Butene	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34531	1,1-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34501	1,2-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77093	1,1-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34546	Cis-1,2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	Trans-1, 2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34561	1,2-Dichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34699	Cis-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34371	Trans-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77103	Ethylbenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77424	2-Hexanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34423	Iodomethane	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77113	Methylene Chloride	Bladder Pump	N	8260	07/23/99	<5	ug/l	5	HCl to pH < 2
77128	4-Methyl-2-Pentanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77562	Styrene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34516	1,1,1,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34475	1,1,2,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34010	Tetrachloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34506	Toluene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34511	1,1,1- Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
39180	1,1,2-Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34488	Trichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	Trichlorofluoromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77057	1,2,3-Trichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
81341	Vinyl Acetate	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
	Vinyl Chloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
	Xylene (Total)	Bladder Pump	N	8260	07/23/99	<2	ug/l	2	HCl to pH < 2

PART III ANALYTICAL RESULTS

Facility GMS #:	3116P02787	Sampling Date/Time:	7/20/1999 1111
Traffic ID#:		Report Period:	1999/July-Sept.
			(year/quarter)
Well Name:	MWB-19I	Well Purge (Y/N):	Y
Classification of Groundwater:	G-II	Well Type:	() Background
Ground Water Elevation (NGVD):			() Intermediate
or (MSL):			(X) Compliance
			() Other

[illegible]

PART III ANALYTICAL RESULTS

GMS #: 3116P02787 **Sampling Date/Time:** 7/20/1999 1112
Test Site ID#: **Report Period:** 1999/July-Sept.
(year/quarter)
Well Name: **MWB-19D** **Well Purge (Y/N):** Y
Classification of Groundwater: G-II **Well Type:** () Background
Ground Water Elevation (NGVD): () Intermediate
or (MSL): (X) Compliance
() Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
observed	Field Odor	Bladder Pump	N	Field	07/21/99	None	n/a	n/a	Field
00299	Oxygen, Dissolved (Field)	Bladder Pump	N	Field	07/21/99	1.2	mg/l	n/a	Field
00400	Ph (Field)	Bladder Pump	N	Field	07/21/99	7.10	n/a	n/a	Field
observed	Sheen, Visible	Bladder Pump	N	Field	07/21/99	Clear	n/a	n/a	Field
00095	Specific Conductance(Field)	Bladder Pump	N	Field	07/21/99	348	umhos/cm	n/a	Field
00076	Turbidity (Field)	Bladder Pump	N	Field	07/21/99	8.43	NTU	n/a	Field
00010	Water Temperature in deg Celsius	Bladder Pump	N	Field	07/21/99	21.6	Deg C	n/a	Field
01097	Antimony - Total	Bladder Pump	N		7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
01002	Arsenic - Total	Bladder Pump	N		7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00209	Barium - Total	Bladder Pump	N		7/28-8/13/99	<0.5	mg/l	0.5	HNO3 to pH < 2
01012	Beryllium - Total	Bladder Pump	N		7/28-8/13/99	<0.0020	mg/l	0.002	HNO3 to pH < 2
01010	Cadmium - Total	Bladder Pump	N		7/28-8/13/99	<0.0010	mg/l	0.001	HNO3 to pH < 2
01010	Chloride	Bladder Pump	N		7/21/99 2353	4.61	mg/l	0.2	cool to 4 C
01034	Chromium - Total	Bladder Pump	N		7/28-8/13/99	0.005	mg/l	0.002	HNO3 to pH < 2
01037	Cobalt - Total	Bladder Pump	N		7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
00080	Color	Bladder Pump	N		7/22/99 0902	5	Units	5	cool to 4 C
01042	Copper - Total	Bladder Pump	N		7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
01045	Iron - Total	Bladder Pump	N		7/28-8/13/99	1.6	mg/l	0.1	HNO3 to pH < 2
01051	Lead - Total	Bladder Pump	N		7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
71900	Mercury - Total	Bladder Pump	N		7/28-8/13/99	<0.0005	mg/l	0.0005	HNO3 to pH < 2
01067	Nickel - Total	Bladder Pump	N		7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
49578	Nitrogen, Ammonia	Bladder Pump	N		7/26/99 1107	0.14	mg/l	0.1	H2SO4 pH < 2
00620	Nitrogen, Nitrate	Bladder Pump	N		7/21/99 2353	<0.2	mg/l	0.2	cool to 4 C
00214	Selenium - Total	Bladder Pump	N		7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00215	Silver - Total	Bladder Pump	N		7/28-8/13/99	<0.025	mg/l	0.025	HNO3 to pH < 2
00929	Sodium - Total	Bladder Pump	N		7/28-8/13/99	4.7	mg/l	0.5	HNO3 to pH < 2
70304	Solids, Total Dissolved	Bladder Pump	N		7/22/99 1700	220	mg/l	10	cool to 4 C
01059	Thallium - Total	Bladder Pump	N		7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01087	Vanadium - Total	Bladder Pump	N		7/28-8/13/99	0.006	mg/l	0.002	HNO3 to pH < 2
01092	Zinc - Total	Bladder Pump	N		7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
81552	Acetone	Bladder Pump	N		07/23/99	<20	ug/l	20	HCl to pH < 2
34215	Acrylonitrile	Bladder Pump	N		07/23/99	<10	ug/l	10	HCl to pH < 2
34030	Benzene	Bladder Pump	N		07/23/99	<1	ug/l	1	HCl to pH < 2
73085	Bromochloromethane	Bladder Pump	N		07/23/99	<1	ug/l	1	HCl to pH < 2
32101	Bromodichloromethane	Bladder Pump	N		07/23/99	<1	ug/l	1	HCl to pH < 2
32104	Bromoform	Bladder Pump	N		07/23/99	<1	ug/l	1	HCl to pH < 2
34413	Bromomethane	Bladder Pump	N		07/23/99	<1	ug/l	1	HCl to pH < 2

PART III ANALYTICAL RESULTS

Property GMS #: 3116P02787 Sampling Date/Time: 7/20/1999 1112
 Test Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: MWB-19D Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: () Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ (X) Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
81348	2-Butanone	Bladder Pump	N	8260	7/23/99	<10	ug/l	10	HCl to pH < 2
77041	Carbon Disulfide	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
32102	Carbon Tetrachloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34301	Chlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34311	Chloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32106	Chloroform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34418	Chloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32105	Dibromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
38760	1,2-Dibromo-3-Chloropropane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30203	1,2-Dibromoethane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30217	Dibromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34571	1,2-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
75547	1,4-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34496	Trans-1, 4-Dichloro-2-Butene	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34531	1,1-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34501	1,2-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34501	1,1-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77093	Cis-1,2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34546	Trans-1, 2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2-Dichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34561	Cis-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34699	Trans-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34371	Ethylbenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77103	2-Hexanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77424	Iodomethane	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34423	Methylene Chloride	Bladder Pump	N	8260	07/23/99	<5	ug/l	5	HCl to pH < 2
77113	4-Methyl-2-Pentanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77128	Styrene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77562	1,1,1,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34516	1,1,2,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34475	Tetrachloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34010	Toluene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34506	1,1,1-Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34511	1,1,2-Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
39180	Trichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34488	Trichlorofluoromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2,3-Trichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77057	Vinyl Acetate	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
38760	Vinyl Chloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
38760	Xylene (Total)	Bladder Pump	N	8260	07/23/99	<2	ug/l	2	HCl to pH < 2

PART III ANALYTICAL RESULTS

Facility GMS #: 3116P02787 Sampling Date/Time: 7/20/1999 0949
 Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: MWB-20S Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: () Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ (**X**) Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
observed	Field Odor	Bladder Pump	N	Field	07/21/99	Slight	n/a	n/a	Field
00299	Oxygen, Dissolved (Field)	Bladder Pump	N	Field	07/21/99	1.9	mg/l	n/a	Field
00400	Ph (Field)	Bladder Pump	N	Field	07/21/99	4.02	n/a	n/a	Field
observed	Sheen, Visible	Bladder Pump	N	Field	07/21/99	Clear	n/a	n/a	Field
00095	Specific Conductance(Field)	Bladder Pump	N	Field	07/21/99	151	umhos/cm	n/a	Field
00076	Turbidity (Field)	Bladder Pump	N	Field	07/21/99	2.41	NTU	n/a	Field
00010	Water Temperature in deg Celsius	Bladder Pump	N	Field	07/21/99	NA	Deg C	n/a	Field
01097	Antimony - Total	Bladder Pump	N	204.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
01002	Arsenic - Total	Bladder Pump	N	206.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00209	Barium - Total	Bladder Pump	N	208.1	7/28-8/13/99	<0.5	mg/l	0.5	HNO3 to pH < 2
01012	Beryllium - Total	Bladder Pump	N	210.2	7/28-8/13/99	<0.0020	mg/l	0.002	HNO3 to pH < 2
01000	Cadmium - Total	Bladder Pump	N	213.2	7/28-8/13/99	<0.0010	mg/l	0.001	HNO3 to pH < 2
01034	Chloride	Bladder Pump	N	300.0	7/21/99 2353	9.83	mg/l	0.2	cool to 4 C
01034	Chromium - Total	Bladder Pump	N	200.8	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01037	Cobalt - Total	Bladder Pump	N	219.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
00080	Color	Bladder Pump	N	110.2	7/22/99 0902	20	Units	5	cool to 4 C
01042	Copper - Total	Bladder Pump	N	220.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
01045	Iron - Total	Bladder Pump	N	236.1	7/28-8/13/99	0.8	mg/l	0.1	HNO3 to pH < 2
01051	Lead - Total	Bladder Pump	N	239.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
71900	Mercury - Total	Bladder Pump	N	245.1	7/28-8/13/99	<0.0005	mg/l	0.0005	HNO3 to pH < 2
01067	Nickel - Total	Bladder Pump	N	249.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
49578	Nitrogen, Ammonia	Bladder Pump	N	350.3	7/26/99 1107	0.52	mg/l	0.1	H2SO4 pH < 2
00620	Nitrogen, Nitrate	Bladder Pump	N	300.0	7/21/99 2353	<0.2	mg/l	0.2	cool to 4 C
00214	Selenium - Total	Bladder Pump	N	270.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00215	Silver - Total	Bladder Pump	N	272.1	7/28-8/13/99	<0.025	mg/l	0.025	HNO3 to pH < 2
00929	Sodium - Total	Bladder Pump	N	273.1	7/28-8/13/99	5	mg/l	0.5	HNO3 to pH < 2
70304	Solids, Total Dissolved	Bladder Pump	N	160.1	7/22/99 1700	90	mg/l	10	cool to 4 C
01059	Thallium - Total	Bladder Pump	N	279.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01087	Vanadium - Total	Bladder Pump	N	200.8	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01092	Zinc - Total	Bladder Pump	N	289.1	7/28-8/13/99	0.05	mg/l	0.05	HNO3 to pH < 2
81552	Acetone	Bladder Pump	N	8260	07/23/99	<20	ug/l	20	HCl to pH < 2
34215	Acrylonitrile	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34030	Benzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73085	Bromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32101	Bromodichloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32104	Bromoform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34413	Bromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2

PART III ANALYTICAL RESULTS

Property GMS #: 3116P02787 Sampling Date/Time: 7/20/1999 0949
 Test Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: MWB-20S Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: () Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ (**X**) Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
81348	2-Butanone	Bladder Pump	N	8260	7/23/99	<10	ug/l	10	HCl to pH < 2
77041	Carbon Disulfide	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
32102	Carbon Tetrachloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34301	Chlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34311	Chloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32106	Chloroform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34418	Chloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32105	Dibromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
38760	1,2-Dibromo-3-Chloropropane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30203	1,2-Dibromoethane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30217	Dibromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34471	1,2-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34471	1,4-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73547	Trans-1, 4-Dichloro-2-Butene	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34496	1,1-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34531	1,2-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34501	1,1-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77093	Cis-1,2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34546	Trans-1, 2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2-Dichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34561	Cis-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34699	Trans-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34371	Ethylbenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77103	2-Hexanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77424	Iodomethane	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34423	Methylene Chloride	Bladder Pump	N	8260	07/23/99	<5	ug/l	5	HCl to pH < 2
77113	4-Methyl-2-Pentanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77128	Styrene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77562	1,1,1,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34516	1,1,2,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34475	Tetrachloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34010	Toluene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34506	1,1,1-Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34511	1,1,2-Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
39180	Trichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34488	Trichlorofluoromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2,3-Trichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77057	Vinyl Acetate	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77057	Vinyl Chloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
81351	Xylene (Total)	Bladder Pump	N	8260	07/23/99	<2	ug/l	2	HCl to pH < 2

PART III ANALYTICAL RESULTS

Facility GMS #: 3116P02787 Sampling Date/Time: 7/21/1999 0719
 Test Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: MWB-21S Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: () Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ (**X**) Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
observed	Field Odor	Bladder Pump	N	Field	07/21/99	Odor	n/a	n/a	Field
00299	Oxygen, Dissolved (Field)	Bladder Pump	N	Field	07/21/99	1.6	mg/l	n/a	Field
00400	Ph (Field)	Bladder Pump	N	Field	07/21/99	4.17	n/a	n/a	Field
observed	Sheen, Visible	Bladder Pump	N	Field	07/21/99	Clear	n/a	n/a	Field
00095	Specific Conductance(Field)	Bladder Pump	N	Field	07/21/99	53	umhos/cm	n/a	Field
00076	Turbidity (Field)	Bladder Pump	N	Field	07/21/99	33.8	NTU	n/a	Field
00010	Water Temperature in deg Celsius	Bladder Pump	N	Field	07/21/99	23.0	Deg C	n/a	Field
01097	Antimony - Total	Bladder Pump	N	204.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
01002	Arsenic - Total	Bladder Pump	N	206.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00209	Barium - Total	Bladder Pump	N	208.1	7/28-8/13/99	<0.5	mg/l	0.5	HNO3 to pH < 2
01012	Beryllium - Total	Bladder Pump	N	210.2	7/28-8/13/99	<0.0020	mg/l	0.002	HNO3 to pH < 2
01012	Cadmium - Total	Bladder Pump	N	213.2	7/28-8/13/99	<0.0010	mg/l	0.001	HNO3 to pH < 2
01012	Chloride	Bladder Pump	N	300.0	7/21/99 2353	6.3	mg/l	0.2	cool to 4 C
01034	Chromium - Total	Bladder Pump	N	200.8	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01037	Cobalt - Total	Bladder Pump	N	219.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
00080	Color	Bladder Pump	N	110.2	7/22/99 0902	15	Units	5	cool to 4 C
01042	Copper - Total	Bladder Pump	N	220.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
01045	Iron - Total	Bladder Pump	N	236.1	7/28-8/13/99	0.6	mg/l	0.1	HNO3 to pH < 2
01051	Lead - Total	Bladder Pump	N	239.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
71900	Mercury - Total	Bladder Pump	N	245.1	7/28-8/13/99	<0.0005	mg/l	0.0005	HNO3 to pH < 2
01067	Nickel - Total	Bladder Pump	N	249.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
49578	Nitrogen, Ammonia	Bladder Pump	N	350.3	7/26/99 1107	<0.1	mg/l	0.1	H2SO4 pH < 2
00620	Nitrogen, Nitrate	Bladder Pump	N	300.0	7/21/99 2353	<0.2	mg/l	0.2	cool to 4 C
00214	Selenium - Total	Bladder Pump	N	270.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00215	Silver - Total	Bladder Pump	N	272.1	7/28-8/13/99	<0.025	mg/l	0.025	HNO3 to pH < 2
00929	Sodium - Total	Bladder Pump	N	273.1	7/28-8/13/99	3.5	mg/l	0.5	HNO3 to pH < 2
70304	Solids, Total Dissolved	Bladder Pump	N	160.1	7/22/99 1700	41	mg/l	10	cool to 4 C
01059	Thallium - Total	Bladder Pump	N	279.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01087	Vanadium - Total	Bladder Pump	N	200.8	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01092	Zinc - Total	Bladder Pump	N	289.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
81552	Acetone	Bladder Pump	N	8260	07/23/99	<20	ug/l	20	HCl to pH < 2
34215	Acrylonitrile	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34030	Benzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73085	Bromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32101	Bromodichloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32104	Bromoform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34413	Bromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2

PART III ANALYTICAL RESULTS

Facility GMS #: 3116P02787 Sampling Date/Time: 7/21/1999 0719
 Test Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: MWB-21S Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: () Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ (**X**) Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
81348	2-Butanone	Bladder Pump	N	8260	7/23/99	<10	ug/l	10	HCl to pH < 2
77041	Carbon Disulfide	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
32102	Carbon Tetrachloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34301	Chlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34311	Chloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32106	Chloroform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34418	Chloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32105	Dibromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
38760	1,2-Dibromo-3-Chloropropane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30203	1,2-Dibromoethane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30217	Dibromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34418	1,2-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34418	1,4-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73547	Trans-1, 4-Dichloro-2-Butene	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34496	1,1-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34531	1,2-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34501	1,1-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77093	Cis-1,2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34546	Trans-1, 2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2-Dichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34561	Cis-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34699	Trans-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34371	Ethylbenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77103	2-Hexanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77424	Iodomethane	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34423	Methylene Chloride	Bladder Pump	N	8260	07/23/99	<5	ug/l	5	HCl to pH < 2
77113	4-Methyl-2-Pentanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77128	Styrene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77562	1,1,1,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34516	1,1,2,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34475	Tetrachloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34010	Toluene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34506	1,1,1-Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34511	1,1,2-Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
39180	Trichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34488	Trichlorofluoromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2,3-Trichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77057	Vinyl Acetate	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77057	Vinyl Chloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
81551	Xylene (Total)	Bladder Pump	N	8260	07/23/99	<2	ug/l	2	HCl to pH < 2

PART III ANALYTICAL RESULTS

Facility GMS #: 3116P02787 Sampling Date/Time: 7/21/1999 0844
 Test Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: MWB-22S Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: () Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ (**X**) Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
observed	Field Odor	Bladder Pump	N	Field	07/21/99	None	n/a	n/a	Field
00299	Oxygen, Dissolved (Field)	Bladder Pump	N	Field	07/21/99	1.6	mg/l	n/a	Field
00400	Ph (Field)	Bladder Pump	N	Field	07/21/99	4.83	n/a	n/a	Field
observed	Sheen, Visible	Bladder Pump	N	Field	07/21/99	Clear	n/a	n/a	Field
00095	Specific Conductance(Field)	Bladder Pump	N	Field	07/21/99	95	umhos/cm	n/a	Field
00076	Turbidity (Field)	Bladder Pump	N	Field	07/21/99	3.21	NTU	n/a	Field
00010	Water Temperature in deg Celsius	Bladder Pump	N	Field	07/21/99	23.4	Deg C	n/a	Field
01097	Antimony - Total	Bladder Pump	N	204.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
01002	Arsenic - Total	Bladder Pump	N	206.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00209	Barium - Total	Bladder Pump	N	208.1	7/28-8/13/99	<0.5	mg/l	0.5	HNO3 to pH < 2
01012	Beryllium - Total	Bladder Pump	N	210.2	7/28-8/13/99	<0.0020	mg/l	0.002	HNO3 to pH < 2
01012	Cadmium - Total	Bladder Pump	N	213.2	7/28-8/13/99	<0.0010	mg/l	0.001	HNO3 to pH < 2
01034	Chloride	Bladder Pump	N	300.0	7/21/99 2353	6.25	mg/l	0.2	cool to 4 C
01034	Chromium - Total	Bladder Pump	N	200.8	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01037	Cobalt - Total	Bladder Pump	N	219.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
00080	Color	Bladder Pump	N	110.2	7/22/99 0902	25	Units	5	cool to 4 C
01042	Copper - Total	Bladder Pump	N	220.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
01045	Iron - Total	Bladder Pump	N	236.1	7/28-8/13/99	0.3	mg/l	0.1	HNO3 to pH < 2
01051	Lead - Total	Bladder Pump	N	239.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
71900	Mercury - Total	Bladder Pump	N	245.1	7/28-8/13/99	<0.0005	mg/l	0.0005	HNO3 to pH < 2
01067	Nickel - Total	Bladder Pump	N	249.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
49578	Nitrogen, Ammonia	Bladder Pump	N	350.3	7/26/99 1107	0.71	mg/l	0.1	H2SO4 pH < 2
00620	Nitrogen, Nitrate	Bladder Pump	N	300.0	7/21/99 2353	<0.2	mg/l	0.2	cool to 4 C
00214	Selenium - Total	Bladder Pump	N	270.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00215	Silver - Total	Bladder Pump	N	272.1	7/28-8/13/99	<0.025	mg/l	0.025	HNO3 to pH < 2
00929	Sodium - Total	Bladder Pump	N	273.1	7/28-8/13/99	5.9	mg/l	0.5	HNO3 to pH < 2
70304	Solids, Total Dissolved	Bladder Pump	N	160.1	7/22/99 1700	70	mg/l	10	cool to 4 C
01059	Thallium - Total	Bladder Pump	N	279.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01087	Vanadium - Total	Bladder Pump	N	200.8	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01092	Zinc - Total	Bladder Pump	N	289.1	7/28-8/13/99	0.06	mg/l	0.05	HNO3 to pH < 2
81552	Acetone	Bladder Pump	N	8260	07/23/99	<20	ug/l	20	HCl to pH < 2
34215	Acrylonitrile	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34030	Benzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73085	Bromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32101	Bromodichloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32104	Bromoform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34413	Bromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2

PART III ANALYTICAL RESULTS

Facility GMS #: 3116P02787 Sampling Date/Time: 7/21/1999 0844
 Test Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: MWB-22S Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: () Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ (**X**) Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
81348	2-Butanone	Bladder Pump	N	8260	7/23/99	<10	ug/l	10	HCl to pH < 2
77041	Carbon Disulfide	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
32102	Carbon Tetrachloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34301	Chlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34311	Chloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32106	Chloroform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34418	Chloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32105	Dibromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
38760	1,2-Dibromo-3-Chloropropane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30203	1,2-Dibromoethane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30217	Dibromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34571	1,2-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34571	1,4-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73547	Trans-1, 4-Dichloro-2-Butene	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34496	1,1-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34531	1,2-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34501	1,1-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77093	Cis-1,2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34546	Trans-1, 2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2-Dichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34561	Cis-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34699	Trans-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34371	Ethylbenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77103	2-Hexanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77424	Iodomethane	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34423	Methylene Chloride	Bladder Pump	N	8260	07/23/99	<5	ug/l	5	HCl to pH < 2
77113	4-Methyl-2-Pentanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77128	Styrene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77562	1,1,1,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34516	1,1,2,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34475	Tetrachloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34010	Toluene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34506	1,1,1-Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34511	1,1,2-Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
39180	Trichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34488	Trichlorofluoromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2,3-Trichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77057	Vinyl Acetate	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77057	Vinyl Chloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
81351	Xylene (Total)	Bladder Pump	N	8260	07/23/99	<2	ug/l	2	HCl to pH < 2

TRAIL RIDGE LANDFILL
GROUNDWATER MONITORING DATA
PHASE II
COMPLIANCE WELL CLUSTERS

PART III ANALYTICAL RESULTS

Facility GMS #: 3116P02787 Sampling Date/Time: 7/20/1999 1248
 Test Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: MWB-17S Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: () Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ (X) Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
observed	Field Odor	Bladder Pump	N	Field	07/21/99	Slight	n/a	n/a	Field
00299	Oxygen, Dissolved (Field)	Bladder Pump	N	Field	07/21/99	1.4	mg/l	n/a	Field
00400	Ph (Field)	Bladder Pump	N	Field	07/21/99	4.91	n/a	n/a	Field
observed	Sheen, Visible	Bladder Pump	N	Field	07/21/99	Clear	n/a	n/a	Field
00095	Specific Conductance(Field)	Bladder Pump	N	Field	07/21/99	74	umhos/cm	n/a	Field
00076	Turbidity (Field)	Bladder Pump	N	Field	07/21/99	8.13	NTU	n/a	Field
00010	Water Temperature in deg Celsius	Bladder Pump	N	Field	07/21/99	23.5	Deg C	n/a	Field
01097	Antimony - Total	Bladder Pump	N	204.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
01002	Arsenic - Total	Bladder Pump	N	206.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00209	Barium - Total	Bladder Pump	N	208.1	7/28-8/13/99	<0.5	mg/l	0.5	HNO3 to pH < 2
01012	Beryllium - Total	Bladder Pump	N	210.2	7/28-8/13/99	<0.0020	mg/l	0.002	HNO3 to pH < 2
01012	Cadmium - Total	Bladder Pump	N	213.2	7/28-8/13/99	<0.0010	mg/l	0.001	HNO3 to pH < 2
01034	Chloride	Bladder Pump	N	300.0	7/21/99 2353	9.05	mg/l	0.2	cool to 4 C
01034	Chromium - Total	Bladder Pump	N	200.8	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01037	Cobalt - Total	Bladder Pump	N	219.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
00080	Color	Bladder Pump	N	110.2	7/22/99 0902	30	Units	5	cool to 4 C
01042	Copper - Total	Bladder Pump	N	220.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
01045	Iron - Total	Bladder Pump	N	236.1	7/28-8/13/99	0.2	mg/l	0.1	HNO3 to pH < 2
01051	Lead - Total	Bladder Pump	N	239.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
71900	Mercury - Total	Bladder Pump	N	245.1	7/28-8/13/99	<0.0005	mg/l	0.0005	HNO3 to pH < 2
01067	Nickel - Total	Bladder Pump	N	249.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
49578	Nitrogen, Ammonia	Bladder Pump	N	350.3	7/26/99 1107	0.89	mg/l	0.1	H2SO4 pH < 2
00620	Nitrogen, Nitrate	Bladder Pump	N	300.0	7/21/99 2353	<0.2	mg/l	0.2	cool to 4 C
00214	Selenium - Total	Bladder Pump	N	270.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00215	Silver - Total	Bladder Pump	N	272.1	7/28-8/13/99	<0.025	mg/l	0.025	HNO3 to pH < 2
00929	Sodium - Total	Bladder Pump	N	273.1	7/28-8/13/99	5.6	mg/l	0.5	HNO3 to pH < 2
70304	Solids, Total Dissolved	Bladder Pump	N	160.1	7/22/99 1700	42	mg/l	10	cool to 4 C
01059	Thallium - Total	Bladder Pump	N	279.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01087	Vanadium - Total	Bladder Pump	N	200.8	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01092	Zinc - Total	Bladder Pump	N	289.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
81552	Acetone	Bladder Pump	N	8260	07/23/99	<20	ug/l	20	HCl to pH < 2
34215	Acrylonitrile	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34030	Benzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73085	Bromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32101	Bromodichloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32104	Bromoform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34413	Bromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2

PART III ANALYTICAL RESULTS

Property GMS #: 3116P02787 Sampling Date/Time: 7/20/1999 1248
 Test Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: MWB-17S Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: () Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ (**X**) Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
81348	2-Butanone	Bladder Pump	N	8260	7/23/99	<10	ug/l	10	HCl to pH < 2
77041	Carbon Disulfide	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
32102	Carbon Tetrachloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34301	Chlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34311	Chloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32106	Chloroform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34418	Chloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32105	Dibromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
38760	1,2-Dibromo-3-Chloropropane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30203	1,2-Dibromoethane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30217	Dibromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34571	1,2-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34571	1,4-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73547	Trans-1, 4-Dichloro-2-Butene	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34496	1,1-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34531	1,2-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34501	1,1-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77093	Cis-1,2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34546	Trans-1, 2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2-Dichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34561	Cis-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34699	Trans-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34371	Ethylbenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77103	2-Hexanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77424	Iodomethane	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34423	Methylene Chloride	Bladder Pump	N	8260	07/23/99	<5	ug/l	5	HCl to pH < 2
77113	4-Methyl-2-Pentanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77128	Styrene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77562	1,1,1,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34516	1,1,2,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34475	Tetrachloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34010	Toluene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34506	1,1,1-Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34511	1,1,2-Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
39180	Trichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34488	Trichlorofluoromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2,3-Trichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77057	Vinyl Acetate	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77057	Vinyl Chloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
81301	Xylene (Total)	Bladder Pump	N	8260	07/23/99	<2	ug/l	2	HCl to pH < 2

PART III ANALYTICAL RESULTS

Facility GMS #: 3116P02787 Sampling Date/Time: 7/20/1999 1217
 Test Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: MWB-17I Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: () Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ (X) Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
observed	Field Odor	Bladder Pump	N	Field	07/21/99	Slight	n/a	n/a	Field
00299	Oxygen, Dissolved (Field)	Bladder Pump	N	Field	07/21/99	1.6	mg/l	n/a	Field
00400	Ph (Field)	Bladder Pump	N	Field	07/21/99	4.93	n/a	n/a	Field
observed	Sheen, Visible	Bladder Pump	N	Field	07/21/99	Clear	n/a	n/a	Field
00095	Specific Conductance(Field)	Bladder Pump	N	Field	07/21/99	38	umhos/cm	n/a	Field
00076	Turbidity (Field)	Bladder Pump	N	Field	07/21/99	1.20	NTU	n/a	Field
00010	Water Temperature in deg Celsius	Bladder Pump	N	Field	07/21/99	21.8	Deg C	n/a	Field
01097	Antimony - Total	Bladder Pump	N	204.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
01002	Arsenic - Total	Bladder Pump	N	206.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00209	Barium - Total	Bladder Pump	N	208.1	7/28-8/13/99	<0.5	mg/l	0.5	HNO3 to pH < 2
01012	Beryllium - Total	Bladder Pump	N	210.2	7/28-8/13/99	<0.0020	mg/l	0.002	HNO3 to pH < 2
01012	Cadmium - Total	Bladder Pump	N	213.2	7/28-8/13/99	<0.0010	mg/l	0.001	HNO3 to pH < 2
00000	Chloride	Bladder Pump	N	300.0	7/21/99 2353	5.64	mg/l	0.2	cool to 4 C
01034	Chromium - Total	Bladder Pump	N	200.8	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01037	Cobalt - Total	Bladder Pump	N	219.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
00080	Color	Bladder Pump	N	110.2	7/22/99 0902	5	Units	5	cool to 4 C
01042	Copper - Total	Bladder Pump	N	220.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
01045	Iron - Total	Bladder Pump	N	236.1	7/28-8/13/99	0.3	mg/l	0.1	HNO3 to pH < 2
01051	Lead - Total	Bladder Pump	N	239.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
71900	Mercury - Total	Bladder Pump	N	245.1	7/28-8/13/99	<0.0005	mg/l	0.0005	HNO3 to pH < 2
01067	Nickel - Total	Bladder Pump	N	249.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
49578	Nitrogen, Ammonia	Bladder Pump	N	350.3	7/26/99 1107	<0.1	mg/l	0.1	H2SO4 pH < 2
00620	Nitrogen, Nitrate	Bladder Pump	N	300.0	7/21/99 2353	<0.2	mg/l	0.2	cool to 4 C
00214	Selenium - Total	Bladder Pump	N	270.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00215	Silver - Total	Bladder Pump	N	272.1	7/28-8/13/99	<0.025	mg/l	0.025	HNO3 to pH < 2
00929	Sodium - Total	Bladder Pump	N	273.1	7/28-8/13/99	3.4	mg/l	0.5	HNO3 to pH < 2
70304	Solids, Total Dissolved	Bladder Pump	N	160.1	7/22/99 1700	27	mg/l	10	cool to 4 C
01059	Thallium - Total	Bladder Pump	N	279.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01087	Vanadium - Total	Bladder Pump	N	200.8	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01092	Zinc - Total	Bladder Pump	N	289.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
81552	Acetone	Bladder Pump	N	8260	07/23/99	<20	ug/l	20	HCl to pH < 2
34215	Acrylonitrile	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34030	Benzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73085	Bromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32101	Bromodichloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32104	Bromoform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34413	Bromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2

PART III ANALYTICAL RESULTS

Facility GMS #: 3116P02787 Sampling Date/Time: 7/20/1999 1217
 Test Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: MWB-17I Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: () Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ (**X**) Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
81348	2-Butanone	Bladder Pump	N	8260	7/23/99	<10	ug/l	10	HCl to pH < 2
77041	Carbon Disulfide	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
32102	Carbon Tetrachloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34301	Chlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34311	Chloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32106	Chloroform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34418	Chloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32105	Dibromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
38760	1,2-Dibromo-3-Chloropropane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30203	1,2-Dibromoethane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30217	Dibromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34501	1,2-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34501	1,4-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73547	Trans-1, 4-Dichloro-2-Butene	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34496	1,1-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34531	1,2-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34501	1,1-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77093	Cis-1,2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34546	Trans-1, 2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2-Dichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34561	Cis-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34699	Trans-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34371	Ethylbenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77103	2-Hexanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77424	Iodomethane	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34423	Methylene Chloride	Bladder Pump	N	8260	07/23/99	<5	ug/l	5	HCl to pH < 2
77113	4-Methyl-2-Pentanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77128	Styrene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77562	1,1,1,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34516	1,1,2,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34475	Tetrachloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34010	Toluene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34506	1,1,1- Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34511	1,1,2-Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
39180	Trichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34488	Trichlorofluoromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2,3-Trichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77057	Vinyl Acetate	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77057	Vinyl Chloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
81351	Xylene (Total)	Bladder Pump	N	8260	07/23/99	<2	ug/l	2	HCl to pH < 2

PART III ANALYTICAL RESULTS

Facility GMS #: 3116P02787 Sampling Date/Time: 7/20/1999 1214
 TSS Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: MWB-17D Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: () Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ (**X**) Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
observed	Field Odor	Bladder Pump	N	Field	07/21/99	None	n/a	n/a	Field
00299	Oxygen, Dissolved (Field)	Bladder Pump	N	Field	07/21/99	0.8	mg/l	n/a	Field
00400	Ph (Field)	Bladder Pump	N	Field	07/21/99	5.82	n/a	n/a	Field
observed	Sheen, Visible	Bladder Pump	N	Field	07/21/99	Clear	n/a	n/a	Field
00095	Specific Conductance(Field)	Bladder Pump	N	Field	07/21/99	80	umhos/cm	n/a	Field
00076	Turbidity (Field)	Bladder Pump	N	Field	07/21/99	1.06	NTU	n/a	Field
00010	Water Temperature in deg Celsius	Bladder Pump	N	Field	07/21/99	22.9	Deg C	n/a	Field
01097	Antimony - Total	Bladder Pump	N	204.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
01002	Arsenic - Total	Bladder Pump	N	206.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00209	Barium - Total	Bladder Pump	N	208.1	7/28-8/13/99	<0.5	mg/l	0.5	HNO3 to pH < 2
01012	Beryllium - Total	Bladder Pump	N	210.2	7/28-8/13/99	<0.0020	mg/l	0.002	HNO3 to pH < 2
01005	Cadmium - Total	Bladder Pump	N	213.2	7/28-8/13/99	<0.0010	mg/l	0.001	HNO3 to pH < 2
01034	Chloride	Bladder Pump	N	300.0	7/21/99 2353	6.41	mg/l	0.2	cool to 4 C
01034	Chromium - Total	Bladder Pump	N	200.8	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01037	Cobalt - Total	Bladder Pump	N	219.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
00080	Color	Bladder Pump	N	110.2	7/22/99 0902	5	Units	5	cool to 4 C
01042	Copper - Total	Bladder Pump	N	220.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
01045	Iron - Total	Bladder Pump	N	236.1	7/28-8/13/99	0.7	mg/l	0.1	HNO3 to pH < 2
01051	Lead - Total	Bladder Pump	N	239.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
71900	Mercury - Total	Bladder Pump	N	245.1	7/28-8/13/99	<0.0005	mg/l	0.0005	HNO3 to pH < 2
01067	Nickel - Total	Bladder Pump	N	249.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
49578	Nitrogen, Ammonia	Bladder Pump	N	350.3	7/26/99 1107	0.12	mg/l	0.1	H2SO4 pH < 2
00620	Nitrogen, Nitrate	Bladder Pump	N	300.0	7/21/99 2353	<0.2	mg/l	0.2	cool to 4 C
00214	Selenium - Total	Bladder Pump	N	270.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00215	Silver - Total	Bladder Pump	N	272.1	7/28-8/13/99	<0.025	mg/l	0.025	HNO3 to pH < 2
00929	Sodium - Total	Bladder Pump	N	273.1	7/28-8/13/99	3.8	mg/l	0.5	HNO3 to pH < 2
70304	Solids, Total Dissolved	Bladder Pump	N	160.1	7/22/99 1700	53	mg/l	10	cool to 4 C
01059	Thallium - Total	Bladder Pump	N	279.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01087	Vanadium - Total	Bladder Pump	N	200.8	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01092	Zinc - Total	Bladder Pump	N	289.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
81552	Acetone	Bladder Pump	N	8260	07/23/99	<20	ug/l	20	HCl to pH < 2
34215	Acrylonitrile	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34030	Benzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73085	Bromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32101	Bromodichloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32104	Bromoform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34413	Bromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2

PART III ANALYTICAL RESULTS

Property GMS #: 3116P02787 Sampling Date/Time: 7/20/1999 1214
 Test Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: MWB-17D Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: () Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ (**X**) Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
81348	2-Butanone	Bladder Pump	N	8260	7/23/99	<10	ug/l	10	HCl to pH < 2
77041	Carbon Disulfide	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
32102	Carbon Tetrachloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34301	Chlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34311	Chloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32106	Chloroform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34418	Chloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32105	Dibromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
38760	1,2-Dibromo-3-Chloropropane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30203	1,2-Dibromoethane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30217	Dibromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34571	1,2-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73547	1,4-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34496	Trans-1, 4-Dichloro-2-Butene	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34531	1,1-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34501	1,2-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77093	1,1-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34546	Cis-1,2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	Trans-1, 2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34561	1,2-Dichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34699	Cis-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34371	Trans-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77103	Ethylbenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77424	2-Hexanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34423	Iodomethane	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77113	Methylene Chloride	Bladder Pump	N	8260	07/23/99	<5	ug/l	5	HCl to pH < 2
77128	4-Methyl-2-Pentanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77562	Styrene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34516	1,1,1,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34475	1,1,2,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34010	Tetrachloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34506	Toluene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34511	1,1,1- Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
39180	1,1,2-Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34488	Trichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	Trichlorofluoromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77057	1,2,3-Trichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77057	Vinyl Acetate	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77057	Vinyl Chloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77057	Xylene (Total)	Bladder Pump	N	8260	07/23/99	<2	ug/l	2	HCl to pH < 2

TRAIL RIDGE LANDFILL
GROUNDWATER MONITORING DATA
PHASE III
COMPLIANCE & DETECTION
WELL CLUSTERS

PART III ANALYTICAL RESULTS

Facility GMS #: 3116P02787 Sampling Date/Time: 7/21/1999 0937
 Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: MWB-13S Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: () Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ (**X**) Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
observed	Field Odor	Bladder Pump	N	Field	07/21/99	None	n/a	n/a	Field
00299	Oxygen, Dissolved (Field)	Bladder Pump	N	Field	07/21/99	0.9	mg/l	n/a	Field
00400	Ph (Field)	Bladder Pump	N	Field	07/21/99	5.01	n/a	n/a	Field
observed	Sheen, Visible	Bladder Pump	N	Field	07/21/99	Clear	n/a	n/a	Field
00095	Specific Conductance(Field)	Bladder Pump	N	Field	07/21/99	122	umhos/cm	n/a	Field
00076	Turbidity (Field)	Bladder Pump	N	Field	07/21/99	1.27	NTU	n/a	Field
00010	Water Temperature in deg Celsius	Bladder Pump	N	Field	07/21/99	24.0	Deg C	n/a	Field
01097	Antimony - Total	Bladder Pump	N	204.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
01002	Arsenic - Total	Bladder Pump	N	206.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00209	Barium - Total	Bladder Pump	N	208.1	7/28-8/13/99	<0.5	mg/l	0.5	HNO3 to pH < 2
01012	Beryllium - Total	Bladder Pump	N	210.2	7/28-8/13/99	<0.0020	mg/l	0.002	HNO3 to pH < 2
01007	Cadmium - Total	Bladder Pump	N	213.2	7/28-8/13/99	<0.0010	mg/l	0.001	HNO3 to pH < 2
01033	Chloride	Bladder Pump	N	300.0	7/21/99 2353	9.53	mg/l	0.2	cool to 4 C
01034	Chromium - Total	Bladder Pump	N	200.8	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01037	Cobalt - Total	Bladder Pump	N	219.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
00080	Color	Bladder Pump	N	110.2	7/22/99 0902	5	Units	5	cool to 4 C
01042	Copper - Total	Bladder Pump	N	220.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
01045	Iron - Total	Bladder Pump	N	236.1	7/28-8/13/99	0.2	mg/l	0.1	HNO3 to pH < 2
01051	Lead - Total	Bladder Pump	N	239.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
71900	Mercury - Total	Bladder Pump	N	245.1	7/28-8/13/99	<0.0005	mg/l	0.0005	HNO3 to pH < 2
01067	Nickel - Total	Bladder Pump	N	249.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
49578	Nitrogen, Ammonia	Bladder Pump	N	350.3	7/26/99 1107	0.53	mg/l	0.1	H2SO4 pH < 2
00620	Nitrogen, Nitrate	Bladder Pump	N	300.0	7/21/99 2353	<0.2	mg/l	0.2	cool to 4 C
00214	Selenium - Total	Bladder Pump	N	270.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00215	Silver - Total	Bladder Pump	N	272.1	7/28-8/13/99	<0.025	mg/l	0.025	HNO3 to pH < 2
00929	Sodium - Total	Bladder Pump	N	273.1	7/28-8/13/99	6.1	mg/l	0.5	HNO3 to pH < 2
70304	Solids, Total Dissolved	Bladder Pump	N	160.1	7/22/99 1700	26	mg/l	10	cool to 4 C
01059	Thallium - Total	Bladder Pump	N	279.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01087	Vanadium - Total	Bladder Pump	N	200.8	7/28-8/13/99	0.004	mg/l	0.002	HNO3 to pH < 2
01092	Zinc - Total	Bladder Pump	N	289.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
81552	Acetone	Bladder Pump	N	8260	07/23/99	<20	ug/l	20	HCl to pH < 2
34215	Acrylonitrile	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34030	Benzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73085	Bromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32101	Bromodichloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32104	Bromoform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34413	Bromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2

PART III ANALYTICAL RESULTS

County GMS #: 3116P02787 Sampling Date/Time: 7/21/1999 0937
 Test Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: MWB-13S Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: () Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ (☒) Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
81348	2-Butanone	Bladder Pump	N	8260	7/23/99	<10	ug/l	10	HCl to pH < 2
77041	Carbon Disulfide	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
32102	Carbon Tetrachloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34301	Chlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34311	Chloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32106	Chloroform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34418	Chloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32105	Dibromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
38760	1,2-Dibromo-3-Chloropropane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30203	1,2-Dibromoethane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30217	Dibromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34571	1,2-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
75000	1,4-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
75000	Trans-1, 4-Dichloro-2-Butene	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34496	1,1-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34531	1,2-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34501	1,1-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77093	Cis-1,2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34546	Trans-1, 2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2-Dichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34561	Cis-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34699	Trans-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34371	Ethylbenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77103	2-Hexanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77424	Iodomethane	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34423	Methylene Chloride	Bladder Pump	N	8260	07/23/99	<5	ug/l	5	HCl to pH < 2
77113	4-Methyl-2-Pentanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77128	Styrene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77562	1,1,1,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34516	1,1,2,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34475	Tetrachloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34010	Toluene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34506	1,1,1-Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34511	1,1,2-Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
39180	Trichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34488	Trichlorofluoromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2,3-Trichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77057	Vinyl Acetate	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77057	Vinyl Chloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77057	Xylene (Total)	Bladder Pump	N	8260	07/23/99	<2	ug/l	2	HCl to pH < 2

PART III ANALYTICAL RESULTS

Facility GMS #: 3116P02787 Sampling Date/Time: 7/21/1999 0913
 Test Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: MWB-13I Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: () Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ (**X**) Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
observed	Field Odor	Bladder Pump	N	Field	07/21/99	Slight	n/a	n/a	Field
00299	Oxygen, Dissolved (Field)	Bladder Pump	N	Field	07/21/99	1.4	mg/l	n/a	Field
00400	Ph (Field)	Bladder Pump	N	Field	07/21/99	5.24	n/a	n/a	Field
observed	Sheen, Visible	Bladder Pump	N	Field	07/21/99	Clear	n/a	n/a	Field
00095	Specific Conductance(Field)	Bladder Pump	N	Field	07/21/99	40	umhos/cm	n/a	Field
00076	Turbidity (Field)	Bladder Pump	N	Field	07/21/99	26.8	NTU	n/a	Field
00010	Water Temperature in deg Celsius	Bladder Pump	N	Field	07/21/99	22.3	Deg C	n/a	Field
01097	Antimony - Total	Bladder Pump	N	204.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
01002	Arsenic - Total	Bladder Pump	N	206.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00209	Barium - Total	Bladder Pump	N	208.1	7/28-8/13/99	<0.5	mg/l	0.5	HNO3 to pH < 2
01012	Beryllium - Total	Bladder Pump	N	210.2	7/28-8/13/99	<0.0020	mg/l	0.002	HNO3 to pH < 2
01000	Cadmium - Total	Bladder Pump	N	213.2	7/28-8/13/99	<0.0010	mg/l	0.001	HNO3 to pH < 2
01000	Chloride	Bladder Pump	N	300.0	7/21/99 2353	5.43	mg/l	0.2	cool to 4 C
01034	Chromium - Total	Bladder Pump	N	200.8	7/28-8/13/99	0.004	mg/l	0.002	HNO3 to pH < 2
01037	Cobalt - Total	Bladder Pump	N	219.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
00080	Color	Bladder Pump	N	110.2	7/22/99 0902	10	Units	5	cool to 4 C
01042	Copper - Total	Bladder Pump	N	220.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
01045	Iron - Total	Bladder Pump	N	236.1	7/28-8/13/99	0.5	mg/l	0.1	HNO3 to pH < 2
01051	Lead - Total	Bladder Pump	N	239.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
71900	Mercury - Total	Bladder Pump	N	245.1	7/28-8/13/99	<0.0005	mg/l	0.0005	HNO3 to pH < 2
01067	Nickel - Total	Bladder Pump	N	249.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
49578	Nitrogen, Ammonia	Bladder Pump	N	350.3	7/26/99 1107	<0.1	mg/l	0.1	H2SO4 pH < 2
00620	Nitrogen, Nitrate	Bladder Pump	N	300.0	7/21/99 2353	<0.2	mg/l	0.2	cool to 4 C
00214	Selenium - Total	Bladder Pump	N	270.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00215	Silver - Total	Bladder Pump	N	272.1	7/28-8/13/99	<0.025	mg/l	0.025	HNO3 to pH < 2
00929	Sodium - Total	Bladder Pump	N	273.1	7/28-8/13/99	3.4	mg/l	0.5	HNO3 to pH < 2
70304	Solids, Total Dissolved	Bladder Pump	N	160.1	7/22/99 1700	43	mg/l	10	cool to 4 C
01059	Thallium - Total	Bladder Pump	N	279.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01087	Vanadium - Total	Bladder Pump	N	200.8	7/28-8/13/99	0.005	mg/l	0.002	HNO3 to pH < 2
01092	Zinc - Total	Bladder Pump	N	289.1	7/28-8/13/99	0.06	mg/l	0.05	HNO3 to pH < 2
81552	Acetone	Bladder Pump	N	8260	07/23/99	<20	ug/l	20	HCl to pH < 2
34215	Acrylonitrile	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34030	Benzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73085	Bromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32101	Bromodichloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32104	Bromoform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34413	Bromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2

PART III ANALYTICAL RESULTS

Facility GMS #: 3116P02787 Sampling Date/Time: 7/21/1999 0913
 Test Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: MWB-13I Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: () Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ (**X**) Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
81348	2-Butanone	Bladder Pump	N	8260	7/23/99	<10	ug/l	10	HCl to pH < 2
77041	Carbon Disulfide	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
32102	Carbon Tetrachloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34301	Chlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34311	Chloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32106	Chloroform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34418	Chloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32105	Dibromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
38760	1,2-Dibromo-3-Chloropropane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30203	1,2-Dibromoethane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30217	Dibromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34571	1,2-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34571	1,4-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73547	Trans-1, 4-Dichloro-2-Butene	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34496	1,1-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34531	1,2-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34501	1,1-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77093	Cis-1,2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34546	Trans-1, 2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2-Dichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34561	Cis-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34699	Trans-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34371	Ethylbenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77103	2-Hexanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77424	Iodomethane	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34423	Methylene Chloride	Bladder Pump	N	8260	07/23/99	<5	ug/l	5	HCl to pH < 2
77113	4-Methyl-2-Pentanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77128	Styrene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77562	1,1,1,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34516	1,1,2,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34475	Tetrachloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34010	Toluene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34506	1,1,1-Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34511	1,1,2-Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
39180	Trichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34488	Trichlorofluoromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2,3-Trichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77057	Vinyl Acetate	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34511	Vinyl Chloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
81551	Xylene (Total)	Bladder Pump	N	8260	07/23/99	<2	ug/l	2	HCl to pH < 2

TRAIL RIDGE LANDFILL
GROUNDWATER MONITORING DATA
PHASE V
COMPLIANCE WELL CLUSTERS

PART III ANALYTICAL RESULTS

Facility GMS #: 3116P02787 Sampling Date/Time: 7/20/1999 1710
 Test Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: MWB-27S Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: () Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ (**X**) Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
observed	Field Odor	Bladder Pump	N	Field	07/21/99	Odor	n/a	n/a	Field
00299	Oxygen, Dissolved (Field)	Bladder Pump	N	Field	07/21/99	1.7	mg/l	n/a	Field
00400	Ph (Field)	Bladder Pump	N	Field	07/21/99	5.33	n/a	n/a	Field
observed	Sheen, Visible	Bladder Pump	N	Field	07/21/99	Clear	n/a	n/a	Field
00095	Specific Conductance(Field)	Bladder Pump	N	Field	07/21/99	62	umhos/cm	n/a	Field
00076	Turbidity (Field)	Bladder Pump	N	Field	07/21/99	33.5	NTU	n/a	Field
00010	Water Temperature in deg Celsius	Bladder Pump	N	Field	07/21/99	23.4	Deg C	n/a	Field
01097	Antimony - Total	Bladder Pump	N	204.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
01002	Arsenic - Total	Bladder Pump	N	206.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00209	Barium - Total	Bladder Pump	N	208.1	7/28-8/13/99	<0.5	mg/l	0.5	HNO3 to pH < 2
01012	Beryllium - Total	Bladder Pump	N	210.2	7/28-8/13/99	<0.0020	mg/l	0.002	HNO3 to pH < 2
01033	Cadmium - Total	Bladder Pump	N	213.2	7/28-8/13/99	<0.0010	mg/l	0.001	HNO3 to pH < 2
01034	Chloride	Bladder Pump	N	300.0	7/21/99 2353	5.64	mg/l	0.2	cool to 4 C
01034	Chromium - Total	Bladder Pump	N	200.8	7/28-8/13/99	0.003	mg/l	0.002	HNO3 to pH < 2
01037	Cobalt - Total	Bladder Pump	N	219.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
00080	Color	Bladder Pump	N	110.2	7/22/99 0902	30	Units	5	cool to 4 C
01042	Copper - Total	Bladder Pump	N	220.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
01045	Iron - Total	Bladder Pump	N	236.1	7/28-8/13/99	0.3	mg/l	0.1	HNO3 to pH < 2
01051	Lead - Total	Bladder Pump	N	239.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
71900	Mercury - Total	Bladder Pump	N	245.1	7/28-8/13/99	<0.0005	mg/l	0.0005	HNO3 to pH < 2
01067	Nickel - Total	Bladder Pump	N	249.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
49578	Nitrogen, Ammonia	Bladder Pump	N	350.3	7/26/99 1107	0.1	mg/l	0.1	H2SO4 pH < 2
00620	Nitrogen, Nitrate	Bladder Pump	N	300.0	7/21/99 2353	<0.2	mg/l	0.2	cool to 4 C
00214	Selenium - Total	Bladder Pump	N	270.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00215	Silver - Total	Bladder Pump	N	272.1	7/28-8/13/99	<0.025	mg/l	0.025	HNO3 to pH < 2
00929	Sodium - Total	Bladder Pump	N	273.1	7/28-8/13/99	3.4	mg/l	0.5	HNO3 to pH < 2
70304	Solids, Total Dissolved	Bladder Pump	N	160.1	7/22/99 1700	60	mg/l	10	cool to 4 C
01059	Thallium - Total	Bladder Pump	N	279.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01087	Vanadium - Total	Bladder Pump	N	200.8	7/28-8/13/99	0.005	mg/l	0.002	HNO3 to pH < 2
01092	Zinc - Total	Bladder Pump	N	289.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
81552	Acetone	Bladder Pump	N	8260	07/23/99	<20	ug/l	20	HCl to pH < 2
34215	Acrylonitrile	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34030	Benzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73085	Bromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32101	Bromodichloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32104	Bromoform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34413	Bromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2

PART III ANALYTICAL RESULTS

Property GMS #: 3116P02787 Sampling Date/Time: 7/20/1999 1710
 Test Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: MWB-27S Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: () Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ (**X**) Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
81348	2-Butanone	Bladder Pump	N	8260	7/23/99	<10	ug/l	10	HCl to pH < 2
77041	Carbon Disulfide	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
32102	Carbon Tetrachloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34301	Chlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34311	Chloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32106	Chloroform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34418	Chloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32105	Dibromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
38760	1,2-Dibromo-3-Chloropropane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30203	1,2-Dibromoethane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30217	Dibromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34571	1,2-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73511	1,4-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73511	Trans-1, 4-Dichloro-2-Butene	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34496	1,1-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34531	1,2-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34501	1,1-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77093	Cis-1,2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34546	Trans-1, 2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2-Dichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34561	Cis-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34699	Trans-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34371	Ethylbenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77103	2-Hexanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77424	Iodomethane	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34423	Methylene Chloride	Bladder Pump	N	8260	07/23/99	<5	ug/l	5	HCl to pH < 2
77113	4-Methyl-2-Pentanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77128	Styrene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77562	1,1,1,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34516	1,1,2,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34475	Tetrachloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34010	Toluene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34506	1,1,1- Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34511	1,1,2-Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
39180	Trichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34488	Trichlorofluoromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2,3-Trichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77057	Vinyl Acetate	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34511	Vinyl Chloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34511	Xylene (Total)	Bladder Pump	N	8260	07/23/99	<2	ug/l	2	HCl to pH < 2

PART III ANALYTICAL RESULTS

Facility GMS #: 3116P02787 Sampling Date/Time: 7/20/1999 1646
 Test Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: MWB-27I Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: () Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ (X) Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
observed	Field Odor	Bladder Pump	N	Field	07/21/99	Odor	n/a	n/a	Field
00299	Oxygen, Dissolved (Field)	Bladder Pump	N	Field	07/21/99	0.8	mg/l	n/a	Field
00400	Ph (Field)	Bladder Pump	N	Field	07/21/99	5.56	n/a	n/a	Field
observed	Sheen, Visible	Bladder Pump	N	Field	07/21/99	Clear	n/a	n/a	Field
00095	Specific Conductance(Field)	Bladder Pump	N	Field	07/21/99	58	umhos/cm	n/a	Field
00076	Turbidity (Field)	Bladder Pump	N	Field	07/21/99	125.1	NTU	n/a	Field
00010	Water Temperature in deg Celsius	Bladder Pump	N	Field	07/21/99	22.8	Deg C	n/a	Field
01097	Antimony - Total	Bladder Pump	N	204.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
01002	Arsenic - Total	Bladder Pump	N	206.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00209	Barium - Total	Bladder Pump	N	208.1	7/28-8/13/99	<0.5	mg/l	0.5	HNO3 to pH < 2
01012	Beryllium - Total	Bladder Pump	N	210.2	7/28-8/13/99	<0.0020	mg/l	0.002	HNO3 to pH < 2
01012	Cadmium - Total	Bladder Pump	N	213.2	7/28-8/13/99	<0.0010	mg/l	0.001	HNO3 to pH < 2
01034	Chloride	Bladder Pump	N	300.0	7/21/99 2353	5.42	mg/l	0.2	cool to 4 C
01034	Chromium - Total	Bladder Pump	N	200.8	7/28-8/13/99	0.003	mg/l	0.002	HNO3 to pH < 2
01037	Cobalt - Total	Bladder Pump	N	219.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
00080	Color	Bladder Pump	N	110.2	7/22/99 0902	5	Units	5	cool to 4 C
01042	Copper - Total	Bladder Pump	N	220.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
01045	Iron - Total	Bladder Pump	N	236.1	7/28-8/13/99	0.5	mg/l	0.1	HNO3 to pH < 2
01051	Lead - Total	Bladder Pump	N	239.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
71900	Mercury - Total	Bladder Pump	N	245.1	7/28-8/13/99	<0.0005	mg/l	0.0005	HNO3 to pH < 2
01067	Nickel - Total	Bladder Pump	N	249.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
49578	Nitrogen, Ammonia	Bladder Pump	N	350.3	7/26/99 1107	0.1	mg/l	0.1	H2SO4 pH < 2
00620	Nitrogen, Nitrate	Bladder Pump	N	300.0	7/21/99 2353	<0.2	mg/l	0.2	cool to 4 C
00214	Selenium - Total	Bladder Pump	N	270.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00215	Silver - Total	Bladder Pump	N	272.1	7/28-8/13/99	<0.025	mg/l	0.025	HNO3 to pH < 2
00929	Sodium - Total	Bladder Pump	N	273.1	7/28-8/13/99	3.5	mg/l	0.5	HNO3 to pH < 2
70304	Solids, Total Dissolved	Bladder Pump	N	160.1	7/22/99 1700	66	mg/l	10	cool to 4 C
01059	Thallium - Total	Bladder Pump	N	279.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01087	Vanadium - Total	Bladder Pump	N	200.8	7/28-8/13/99	0.002	mg/l	0.002	HNO3 to pH < 2
01092	Zinc - Total	Bladder Pump	N	289.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
81552	Acetone	Bladder Pump	N	8260	07/23/99	<20	ug/l	20	HCl to pH < 2
34215	Acrylonitrile	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34030	Benzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73085	Bromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32101	Bromodichloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32104	Bromoform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34413	Bromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2

PART III ANALYTICAL RESULTS

Facility GMS #: 3116P02787 Sampling Date/Time: 7/20/1999 1646
 Test Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: MWB-27I Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: () Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ (**X**) Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
81348	2-Butanone	Bladder Pump	N	8260	7/23/99	<10	ug/l	10	HCl to pH < 2
77041	Carbon Disulfide	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
32102	Carbon Tetrachloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34301	Chlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34311	Chloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32106	Chloroform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34418	Chloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32105	Dibromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
38760	1,2-Dibromo-3-Chloropropane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30203	1,2-Dibromoethane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30217	Dibromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34571	1,2-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34571	1,4-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73521	Trans-1, 4-Dichloro-2-Butene	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34496	1,1-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34531	1,2-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34501	1,1-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77093	Cis-1,2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34546	Trans-1, 2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2-Dichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34561	Cis-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34699	Trans-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34371	Ethylbenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77103	2-Hexanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77424	Iodomethane	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34423	Methylene Chloride	Bladder Pump	N	8260	07/23/99	<5	ug/l	5	HCl to pH < 2
77113	4-Methyl-2-Pentanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77128	Styrene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77562	1,1,1,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34516	1,1,2,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34475	Tetrachloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34010	Toluene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34506	1,1,1-Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34511	1,1,2-Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
39180	Trichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34488	Trichlorofluoromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2,3-Trichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77057	Vinyl Acetate	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34516	Vinyl Chloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
81348	Xylene (Total)	Bladder Pump	N	8260	07/23/99	<2	ug/l	2	HCl to pH < 2

PART III ANALYTICAL RESULTS

Facility GMS #: 3116P02787 Sampling Date/Time: 7/21/1999 1025
 Test Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: MWB-27D Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: () Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ (**X**) Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
observed	Field Odor	Bladder Pump	N	Field	07/21/99	None	n/a	n/a	Field
00299	Oxygen, Dissolved (Field)	Bladder Pump	N	Field	07/21/99	0.8	mg/l	n/a	Field
00400	Ph (Field)	Bladder Pump	N	Field	07/21/99	5.95	n/a	n/a	Field
observed	Sheen, Visible	Bladder Pump	N	Field	07/21/99	Clear	n/a	n/a	Field
00095	Specific Conductance(Field)	Bladder Pump	N	Field	07/21/99	109	umhos/cm	n/a	Field
00076	Turbidity (Field)	Bladder Pump	N	Field	07/21/99	2.41	NTU	n/a	Field
00010	Water Temperature in deg Celsius	Bladder Pump	N	Field	07/21/99	NA	Deg C	n/a	Field
01097	Antimony - Total	Bladder Pump	N	204.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
01002	Arsenic - Total	Bladder Pump	N	206.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00209	Barium - Total	Bladder Pump	N	208.1	7/28-8/13/99	<0.5	mg/l	0.5	HNO3 to pH < 2
01012	Beryllium - Total	Bladder Pump	N	210.2	7/28-8/13/99	<0.0020	mg/l	0.002	HNO3 to pH < 2
01012	Cadmium - Total	Bladder Pump	N	213.2	7/28-8/13/99	<0.0010	mg/l	0.001	HNO3 to pH < 2
01012	Chloride	Bladder Pump	N	300.0	7/21/99 2353	5.89	mg/l	0.2	cool to 4 C
01034	Chromium - Total	Bladder Pump	N	200.8	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01037	Cobalt - Total	Bladder Pump	N	219.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
00080	Color	Bladder Pump	N	110.2	7/22/99 0902	5	Units	5	cool to 4 C
01042	Copper - Total	Bladder Pump	N	220.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
01045	Iron - Total	Bladder Pump	N	236.1	7/28-8/13/99	0.9	mg/l	0.1	HNO3 to pH < 2
01051	Lead - Total	Bladder Pump	N	239.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
71900	Mercury - Total	Bladder Pump	N	245.1	7/28-8/13/99	<0.0005	mg/l	0.0005	HNO3 to pH < 2
01067	Nickel - Total	Bladder Pump	N	249.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
49578	Nitrogen, Ammonia	Bladder Pump	N	350.3	7/26/99 1107	<0.1	mg/l	0.1	H2SO4 pH < 2
00620	Nitrogen, Nitrate	Bladder Pump	N	300.0	7/21/99 2353	<0.2	mg/l	0.2	cool to 4 C
00214	Selenium - Total	Bladder Pump	N	270.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00215	Silver - Total	Bladder Pump	N	272.1	7/28-8/13/99	<0.025	mg/l	0.025	HNO3 to pH < 2
00929	Sodium - Total	Bladder Pump	N	273.1	7/28-8/13/99	4.2	mg/l	0.5	HNO3 to pH < 2
70304	Solids, Total Dissolved	Bladder Pump	N	160.1	7/22/99 1700	92	mg/l	10	cool to 4 C
01059	Thallium - Total	Bladder Pump	N	279.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01087	Vanadium - Total	Bladder Pump	N	200.8	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01092	Zinc - Total	Bladder Pump	N	289.1	7/28-8/13/99	0.05	mg/l	0.05	HNO3 to pH < 2
81552	Acetone	Bladder Pump	N	8260	07/23/99	<20	ug/l	20	HCl to pH < 2
34215	Acrylonitrile	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34030	Benzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73085	Bromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32101	Bromodichloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32104	Bromoform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34413	Bromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2

PART III ANALYTICAL RESULTS

Facility GMS #: 3116P02787 Sampling Date/Time: 7/21/1999 1025
 Test Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)

Well Name: MWB-27D Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: ☐ Background
 Ground Water Elevation (NGVD): _____ ☐ Intermediate
 or (MSL): _____ ☒ Compliance
☐ Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
81348	2-Butanone	Bladder Pump	N	8260	7/23/99	<10	ug/l	10	HCl to pH < 2
77041	Carbon Disulfide	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
32102	Carbon Tetrachloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34301	Chlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34311	Chloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32106	Chloroform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34418	Chloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32105	Dibromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
38760	1,2-Dibromo-3-Chloropropane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30203	1,2-Dibromoethane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30217	Dibromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34571	1,2-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34571	1,4-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73547	Trans-1, 4-Dichloro-2-Butene	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34496	1,1-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34531	1,2-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34501	1,1-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77093	Cis-1,2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34546	Trans-1, 2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2-Dichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34561	Cis-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34699	Trans-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34371	Ethylbenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77103	2-Hexanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77424	Iodomethane	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34423	Methylene Chloride	Bladder Pump	N	8260	07/23/99	<5	ug/l	5	HCl to pH < 2
77113	4-Methyl-2-Pentanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77128	Styrene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77562	1,1,1,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34516	1,1,2,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34475	Tetrachloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34010	Toluene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34506	1,1,1-Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34511	1,1,2-Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
39180	Trichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34488	Trichlorofluoromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2,3-Trichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77057	Vinyl Acetate	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34511	Vinyl Chloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
81348	Xylene (Total)	Bladder Pump	N	8260	07/23/99	<2	ug/l	2	HCl to pH < 2

PART III ANALYTICAL RESULTS

Facility GMS #: 3116P02787 Sampling Date/Time: 7/20/1999 1612
 Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: MWB-29S Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: () Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ (**X**) Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
observed	Field Odor	Bladder Pump	N	Field	07/21/99	Odor	n/a	n/a	Field
00299	Oxygen, Dissolved (Field)	Bladder Pump	N	Field	07/21/99	1.3	mg/l	n/a	Field
00400	Ph (Field)	Bladder Pump	N	Field	07/21/99	4.61	n/a	n/a	Field
observed	Sheen, Visible	Bladder Pump	N	Field	07/21/99	Clear	n/a	n/a	Field
00095	Specific Conductance(Field)	Bladder Pump	N	Field	07/21/99	43	umhos/cm	n/a	Field
00076	Turbidity (Field)	Bladder Pump	N	Field	07/21/99	2.33	NTU	n/a	Field
00010	Water Temperature in deg Celsius	Bladder Pump	N	Field	07/21/99	23.4	Deg C	n/a	Field
01097	Antimony - Total	Bladder Pump	N	204.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
01002	Arsenic - Total	Bladder Pump	N	206.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00209	Barium - Total	Bladder Pump	N	208.1	7/28-8/13/99	<0.5	mg/l	0.5	HNO3 to pH < 2
01012	Beryllium - Total	Bladder Pump	N	210.2	7/28-8/13/99	<0.0020	mg/l	0.002	HNO3 to pH < 2
01055	Cadmium - Total	Bladder Pump	N	213.2	7/28-8/13/99	<0.0010	mg/l	0.001	HNO3 to pH < 2
01033	Chloride	Bladder Pump	N	300.0	7/21/99 2353	5.46	mg/l	0.2	cool to 4 C
01034	Chromium - Total	Bladder Pump	N	200.8	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01037	Cobalt - Total	Bladder Pump	N	219.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
00080	Color	Bladder Pump	N	110.2	7/22/99 0902	15	Units	5	cool to 4 C
01042	Copper - Total	Bladder Pump	N	220.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
01045	Iron - Total	Bladder Pump	N	236.1	7/28-8/13/99	0.3	mg/l	0.1	HNO3 to pH < 2
01051	Lead - Total	Bladder Pump	N	239.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
71900	Mercury - Total	Bladder Pump	N	245.1	7/28-8/13/99	<0.0005	mg/l	0.0005	HNO3 to pH < 2
01067	Nickel - Total	Bladder Pump	N	249.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
49578	Nitrogen, Ammonia	Bladder Pump	N	350.3	7/26/99 1107	<0.1	mg/l	0.1	H2SO4 pH < 2
00620	Nitrogen, Nitrate	Bladder Pump	N	300.0	7/21/99 2353	<0.2	mg/l	0.2	cool to 4 C
00214	Selenium - Total	Bladder Pump	N	270.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00215	Silver - Total	Bladder Pump	N	272.1	7/28-8/13/99	<0.025	mg/l	0.025	HNO3 to pH < 2
00929	Sodium - Total	Bladder Pump	N	273.1	7/28-8/13/99	3.1	mg/l	0.5	HNO3 to pH < 2
70304	Solids, Total Dissolved	Bladder Pump	N	160.1	7/22/99 1700	33	mg/l	10	cool to 4 C
01059	Thallium - Total	Bladder Pump	N	279.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01087	Vanadium - Total	Bladder Pump	N	200.8	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01092	Zinc - Total	Bladder Pump	N	289.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
81552	Acetone	Bladder Pump	N	8260	07/23/99	<20	ug/l	20	HCl to pH < 2
34215	Acrylonitrile	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34030	Benzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73085	Bromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32101	Bromodichloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32104	Bromoform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34413	Bromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2

PART III ANALYTICAL RESULTS

Property GMS #: 3116P02787 Sampling Date/Time: 7/20/1999 1612
 Test Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: MWB-29S Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: () Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ (**X**) Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
81348	2-Butanone	Bladder Pump	N	8260	7/23/99	<10	ug/l	10	HCl to pH < 2
77041	Carbon Disulfide	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
32102	Carbon Tetrachloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34301	Chlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34311	Chloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32106	Chloroform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34418	Chloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32105	Dibromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
38760	1,2-Dibromo-3-Chloropropane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30203	1,2-Dibromoethane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30217	Dibromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34571	1,2-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34571	1,4-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73544	Trans-1, 4-Dichloro-2-Butene	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34496	1,1-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34531	1,2-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34501	1,1-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77093	Cis-1,2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34546	Trans-1, 2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2-Dichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34561	Cis-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34699	Trans-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34371	Ethylbenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77103	2-Hexanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77424	Iodomethane	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34423	Methylene Chloride	Bladder Pump	N	8260	07/23/99	<5	ug/l	5	HCl to pH < 2
77113	4-Methyl-2-Pentanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77128	Styrene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77562	1,1,1,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34516	1,1,2,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34475	Tetrachloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34010	Toluene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34506	1,1,1-Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34511	1,1,2-Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
39180	Trichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34488	Trichlorofluoromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2,3-Trichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77057	Vinyl Acetate	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34511	Vinyl Chloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
81348	Xylene (Total)	Bladder Pump	N	8260	07/23/99	<2	ug/l	2	HCl to pH < 2

PART III ANALYTICAL RESULTS

Facility GMS #: 3116P02787 Sampling Date/Time: 7/20/1999 1554
 Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: MWB-29I Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: () Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ (**X**) Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
observed	Field Odor	Bladder Pump	N	Field	07/21/99	Odor	n/a	n/a	Field
00299	Oxygen, Dissolved (Field)	Bladder Pump	N	Field	07/21/99	1.3	mg/l	n/a	Field
00400	Ph (Field)	Bladder Pump	N	Field	07/21/99	5.08	n/a	n/a	Field
observed	Sheen, Visible	Bladder Pump	N	Field	07/21/99	Clear	n/a	n/a	Field
00095	Specific Conductance(Field)	Bladder Pump	N	Field	07/21/99	42	umhos/cm	n/a	Field
00076	Turbidity (Field)	Bladder Pump	N	Field	07/21/99	>200	NTU	n/a	Field
00010	Water Temperature in deg Celsius	Bladder Pump	N	Field	07/21/99	22.3	Deg C	n/a	Field
01097	Antimony - Total	Bladder Pump	N	204.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
01002	Arsenic - Total	Bladder Pump	N	206.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00209	Barium - Total	Bladder Pump	N	208.1	7/28-8/13/99	<0.5	mg/l	0.5	HNO3 to pH < 2
01012	Beryllium - Total	Bladder Pump	N	210.2	7/28-8/13/99	<0.0020	mg/l	0.002	HNO3 to pH < 2
01007	Cadmium - Total	Bladder Pump	N	213.2	7/28-8/13/99	<0.0010	mg/l	0.001	HNO3 to pH < 2
01037	Chloride	Bladder Pump	N	300.0	7/21/99 2353	4.94	mg/l	0.2	cool to 4 C
01034	Chromium - Total	Bladder Pump	N	200.8	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01037	Cobalt - Total	Bladder Pump	N	219.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
00080	Color	Bladder Pump	N	110.2	7/22/99 0902	<5	Units	5	cool to 4 C
01042	Copper - Total	Bladder Pump	N	220.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
01045	Iron - Total	Bladder Pump	N	236.1	7/28-8/13/99	0.4	mg/l	0.1	HNO3 to pH < 2
01051	Lead - Total	Bladder Pump	N	239.2	7/28-8/13/99	0.003	mg/l	0.002	HNO3 to pH < 2
71900	Mercury - Total	Bladder Pump	N	245.1	7/28-8/13/99	<0.0005	mg/l	0.0005	HNO3 to pH < 2
01067	Nickel - Total	Bladder Pump	N	249.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
49578	Nitrogen, Ammonia	Bladder Pump	N	350.3	7/26/99 1107	<0.1	mg/l	0.1	H2SO4 pH < 2
00620	Nitrogen, Nitrate	Bladder Pump	N	300.0	7/21/99 2353	<0.2	mg/l	0.2	cool to 4 C
00214	Selenium - Total	Bladder Pump	N	270.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00215	Silver - Total	Bladder Pump	N	272.1	7/28-8/13/99	<0.025	mg/l	0.025	HNO3 to pH < 2
00929	Sodium - Total	Bladder Pump	N	273.1	7/28-8/13/99	3.5	mg/l	0.5	HNO3 to pH < 2
70304	Solids, Total Dissolved	Bladder Pump	N	160.1	7/22/99 1700	48	mg/l	10	cool to 4 C
01059	Thallium - Total	Bladder Pump	N	279.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01087	Vanadium - Total	Bladder Pump	N	200.8	7/28-8/13/99	0.004	mg/l	0.002	HNO3 to pH < 2
01092	Zinc - Total	Bladder Pump	N	289.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
81552	Acetone	Bladder Pump	N	8260	07/23/99	<20	ug/l	20	HCl to pH < 2
34215	Acrylonitrile	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34030	Benzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73085	Bromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32101	Bromodichloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32104	Bromoform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34413	Bromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2

PART III ANALYTICAL RESULTS

Facility GMS #: 3116P02787 Sampling Date/Time: 7/20/1999 1554
 Test Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: MWB-29I Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: () Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ (**X**) Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
81348	2-Butanone	Bladder Pump	N	8260	7/23/99	<10	ug/l	10	HCl to pH < 2
77041	Carbon Disulfide	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
32102	Carbon Tetrachloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34301	Chlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34311	Chloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32106	Chloroform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34418	Chloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32105	Dibromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
38760	1,2-Dibromo-3-Chloropropane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30203	1,2-Dibromoethane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30217	Dibromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34581	1,2-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
31547	1,4-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73547	Trans-1, 4-Dichloro-2-Butene	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34496	1,1-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34531	1,2-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34501	1,1-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77093	Cis-1,2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34546	Trans-1, 2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2-Dichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34561	Cis-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34699	Trans-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34371	Ethylbenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77103	2-Hexanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77424	Iodomethane	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34423	Methylene Chloride	Bladder Pump	N	8260	07/23/99	<5	ug/l	5	HCl to pH < 2
77113	4-Methyl-2-Pentanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77128	Styrene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77562	1,1,1,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34516	1,1,2,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34475	Tetrachloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34010	Toluene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34506	1,1,1- Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34511	1,1,2-Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
39180	Trichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34488	Trichlorofluoromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2,3-Trichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77057	Vinyl Acetate	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
31554	Vinyl Chloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
81554	Xylene (Total)	Bladder Pump	N	8260	07/23/99	<2	ug/l	2	HCl to pH < 2

PART III ANALYTICAL RESULTS

Facility GMS #:	<u>3116P02787</u>	Sampling Date/Time:	<u>7/20/1999 1554</u>
Site ID#:	<u></u>	Report Period:	<u>1999/July-Sept.</u>
			(year/quarter)
Well Name:	<u>MWB-29I</u>	Well Purge (Y/N):	<u>Y</u>
Classification of Groundwater:	<u>G-II</u>	Well Type:	() Background
Ground Water Elevation (NGVD):	<u></u>		() Intermediate
or (MSL):	<u></u>		(X) Compliance
			() Other

[illegible]

PART III ANALYTICAL RESULTS

Project GMS #: 3116P02787 **Sampling Date/Time:** 7/21/1999 1052
Test Site ID#: **Report Period:** 1999/July-Sept.
(year/quarter)
Well Name: MWB-29D **Well Purge (Y/N):** Y
Classification of Groundwater: G-II **Well Type:** () Background
Ground Water Elevation (NGVD): () Intermediate
or (MSL): (X) Compliance
() Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
observed	Field Odor	Bladder Pump	N	Field	07/21/99	None	n/a	n/a	Field
00299	Oxygen, Dissolved (Field)	Bladder Pump	N	Field	07/21/99	1.0	mg/l	n/a	Field
00400	Ph (Field)	Bladder Pump	N	Field	07/21/99	5.69	n/a	n/a	Field
observed	Sheen, Visible	Bladder Pump	N	Field	07/21/99	Clear	n/a	n/a	Field
00095	Specific Conductance(Field)	Bladder Pump	N	Field	07/21/99	81	umhos/cm	n/a	Field
00076	Turbidity (Field)	Bladder Pump	N	Field	07/21/99	1.11	NTU	n/a	Field
00010	Water Temperature in deg Celsius	Bladder Pump	N	Field	07/21/99	22.5	Deg C	n/a	Field
01097	Antimony - Total	Bladder Pump	N	204.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
01002	Arsenic - Total	Bladder Pump	N	206.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00209	Barium - Total	Bladder Pump	N	208.1	7/28-8/13/99	<0.5	mg/l	0.5	HNO3 to pH < 2
01012	Beryllium - Total	Bladder Pump	N	210.2	7/28-8/13/99	<0.0020	mg/l	0.002	HNO3 to pH < 2
01008	Cadmium - Total	Bladder Pump	N	213.2	7/28-8/13/99	<0.0010	mg/l	0.001	HNO3 to pH < 2
01005	Chloride	Bladder Pump	N	300.0	7/21/99 2353	6.43	mg/l	0.2	cool to 4 C
01034	Chromium - Total	Bladder Pump	N	200.8	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01037	Cobalt - Total	Bladder Pump	N	219.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
00080	Color	Bladder Pump	N	110.2	7/22/99 0902	5	Units	5	cool to 4 C
01042	Copper - Total	Bladder Pump	N	220.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
01045	Iron - Total	Bladder Pump	N	236.1	7/28-8/13/99	1.5	mg/l	0.1	HNO3 to pH < 2
01051	Lead - Total	Bladder Pump	N	239.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
71900	Mercury - Total	Bladder Pump	N	245.1	7/28-8/13/99	<0.0005	mg/l	0.0005	HNO3 to pH < 2
01067	Nickel - Total	Bladder Pump	N	249.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
49578	Nitrogen, Ammonia	Bladder Pump	N	350.3	7/26/99 1107	<0.1	mg/l	0.1	H2SO4 pH < 2
00620	Nitrogen, Nitrate	Bladder Pump	N	300.0	7/21/99 2353	<0.2	mg/l	0.2	cool to 4 C
00214	Selenium - Total	Bladder Pump	N	270.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00215	Silver - Total	Bladder Pump	N	272.1	7/28-8/13/99	<0.025	mg/l	0.025	HNO3 to pH < 2
00929	Sodium - Total	Bladder Pump	N	273.1	7/28-8/13/99	4	mg/l	0.5	HNO3 to pH < 2
70304	Solids, Total Dissolved	Bladder Pump	N	160.1	7/22/99 1700	50	mg/l	10	cool to 4 C
01059	Thallium - Total	Bladder Pump	N	279.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01087	Vanadium - Total	Bladder Pump	N	200.8	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01092	Zinc - Total	Bladder Pump	N	289.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
81552	Acetone	Bladder Pump	N	8260	07/23/99	<20	ug/l	20	HCl to pH < 2
34215	Acrylonitrile	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34030	Benzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73085	Bromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32101	Bromodichloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32104	Bromoform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34413	Bromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2

PART III ANALYTICAL RESULTS

by GMS #: 3116P02787 Sampling Date/Time: 7/21/1999 1052
 Test Site ID#: Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: MWB-29D Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: () Background
 Ground Water Elevation (NGVD): () Intermediate
 or (MSL): (X) Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
81348	2-Butanone	Bladder Pump	N	8260	7/23/99	<10	ug/l	10	HCl to pH < 2
77041	Carbon Disulfide	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
32102	Carbon Tetrachloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34301	Chlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34311	Chloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32106	Chloroform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34418	Chloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32105	Dibromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
38760	1,2-Dibromo-3-Chloropropane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30203	1,2-Dibromoethane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30217	Dibromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34571	1,2-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
	1,4-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
	Trans-1, 4-Dichloro-2-Butene	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34496	1,1-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34531	1,2-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34501	1,1-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77093	Cis-1,2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34546	Trans-1, 2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2-Dichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34561	Cis-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34699	Trans-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34371	Ethylbenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77103	2-Hexanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77424	Iodomethane	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34423	Methylene Chloride	Bladder Pump	N	8260	07/23/99	<5	ug/l	5	HCl to pH < 2
77113	4-Methyl-2-Pentanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77128	Styrene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77562	1,1,1,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34516	1,1,2,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34475	Tetrachloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34010	Toluene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34506	1,1,1- Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34511	1,1,2-Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
39180	Trichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34488	Trichlorofluoromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2,3-Trichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77057	Vinyl Acetate	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
39175	Vinyl Chloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
	Xylene (Total)	Bladder Pump	N	8260	07/23/99	<2	ug/l	2	HCl to pH < 2

TRAIL RIDGE LANDFILL
GROUNDWATER MONITORING DATA
DUPLICATE WELLS

PART III ANALYTICAL RESULTS

Facility GMS #: 3116P02787 Sampling Date/Time: 7/20/1999 1248
 Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: MWB-17S (DUP-1) Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: () Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ (**X**) Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
observed	Field Odor	Bladder Pump	N	Field	07/21/99	Slight	n/a	n/a	Field
00299	Oxygen, Dissolved (Field)	Bladder Pump	N	Field	07/21/99	1.4	mg/l	n/a	Field
00400	Ph (Field)	Bladder Pump	N	Field	07/21/99	4.91	n/a	n/a	Field
observed	Sheen, Visible	Bladder Pump	N	Field	07/21/99	Clear	n/a	n/a	Field
00095	Specific Conductance(Field)	Bladder Pump	N	Field	07/21/99	74	umhos/cm	n/a	Field
00076	Turbidity (Field)	Bladder Pump	N	Field	07/21/99	8.13	NTU	n/a	Field
00010	Water Temperature in deg Celsius	Bladder Pump	N	Field	07/21/99	23.5	Deg C	n/a	Field
01097	Antimony - Total	Bladder Pump	N	204.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
01002	Arsenic - Total	Bladder Pump	N	206.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00209	Barium - Total	Bladder Pump	N	208.1	7/28-8/13/99	<0.5	mg/l	0.5	HNO3 to pH < 2
01012	Beryllium - Total	Bladder Pump	N	210.2	7/28-8/13/99	<0.0020	mg/l	0.002	HNO3 to pH < 2
01027	Cadmium - Total	Bladder Pump	N	213.2	7/28-8/13/99	<0.0010	mg/l	0.001	HNO3 to pH < 2
01034	Chloride	Bladder Pump	N	300.0	7/21/99 2353	9.02	mg/l	0.2	cool to 4 C
01037	Chromium - Total	Bladder Pump	N	200.8	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
00080	Cobalt - Total	Bladder Pump	N	219.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
01042	Color	Bladder Pump	N	110.2	7/22/99 0902	30	Units	5	cool to 4 C
01045	Copper - Total	Bladder Pump	N	220.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
01051	Iron - Total	Bladder Pump	N	236.1	7/28-8/13/99	0.2	mg/l	0.1	HNO3 to pH < 2
71900	Lead - Total	Bladder Pump	N	239.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01067	Mercury - Total	Bladder Pump	N	245.1	7/28-8/13/99	<0.0005	mg/l	0.0005	HNO3 to pH < 2
49578	Nickel - Total	Bladder Pump	N	249.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
00620	Nitrogen, Ammonia	Bladder Pump	N	350.3	7/26/99 1107	0.88	mg/l	0.1	H2SO4 pH < 2
00214	Nitrogen, Nitrate	Bladder Pump	N	300.0	7/21/99 2353	<0.2	mg/l	0.2	cool to 4 C
00215	Selenium - Total	Bladder Pump	N	270.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00929	Silver - Total	Bladder Pump	N	272.1	7/28-8/13/99	<0.025	mg/l	0.025	HNO3 to pH < 2
70304	Sodium - Total	Bladder Pump	N	273.1	7/28-8/13/99	5.3	mg/l	0.5	HNO3 to pH < 2
01059	Solids, Total Dissolved	Bladder Pump	N	160.1	7/22/99 1700	39	mg/l	10	cool to 4 C
01087	Thallium - Total	Bladder Pump	N	279.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01092	Vanadium - Total	Bladder Pump	N	200.8	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
81552	Zinc - Total	Bladder Pump	N	289.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
34215	Acetone	Bladder Pump	N	8260	07/23/99	<20	ug/l	20	HCl to pH < 2
34030	Acrylonitrile	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
73085	Benzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32101	Bromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32104	Bromodichloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34413	Bromoform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
	Bromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2

PART III ANALYTICAL RESULTS

Facility GMS #: 3116P02787 Sampling Date/Time: 7/20/1999 1248
 Test Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: MWB-17S (DUP-1) Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: () Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ (**X**) Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
81348	2-Butanone	Bladder Pump	N	8260	7/23/99	<10	ug/l	10	HCl to pH < 2
77041	Carbon Disulfide	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
32102	Carbon Tetrachloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34301	Chlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34311	Chloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32106	Chloroform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34418	Chloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32105	Dibromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
38760	1,2-Dibromo-3-Chloropropane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30203	1,2-Dibromoethane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30217	Dibromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34411	1,2-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34412	1,4-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73547	Trans-1, 4-Dichloro-2-Butene	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34496	1,1-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34531	1,2-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34501	1,1-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77093	Cis-1,2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34546	Trans-1, 2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2-Dichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34561	Cis-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34699	Trans-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34371	Ethylbenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77103	2-Hexanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77424	Iodomethane	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34423	Methylene Chloride	Bladder Pump	N	8260	07/23/99	<5	ug/l	5	HCl to pH < 2
77113	4-Methyl-2-Pentanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77128	Styrene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77562	1,1,1,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34516	1,1,2,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34475	Tetrachloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34010	Toluene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34506	1,1,1-Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34511	1,1,2-Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
39180	Trichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34488	Trichlorofluoromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2,3-Trichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77057	Vinyl Acetate	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77057	Vinyl Chloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
81551	Xylene (Total)	Bladder Pump	N	8260	07/23/99	<2	ug/l	2	HCl to pH < 2

PART III ANALYTICAL RESULTS

Facility GMS #: 3116P02787 Sampling Date/Time: 7/20/1999 1554
 Test Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: MWB-29I (DUP-2) Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: () Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ (**X**) Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
observed	Field Odor	Bladder Pump	N	Field	07/21/99	Odor	n/a	n/a	Field
00299	Oxygen, Dissolved (Field)	Bladder Pump	N	Field	07/21/99	1.3	mg/l	n/a	Field
00400	Ph (Field)	Bladder Pump	N	Field	07/21/99	5.08	n/a	n/a	Field
observed	Sheen, Visible	Bladder Pump	N	Field	07/21/99	Clear	n/a	n/a	Field
00095	Specific Conductance(Field)	Bladder Pump	N	Field	07/21/99	42	umhos/cm	n/a	Field
00076	Turbidity (Field)	Bladder Pump	N	Field	07/21/99	>200	NTU	n/a	Field
00010	Water Temperature in deg Celsius	Bladder Pump	N	Field	07/21/99	22.3	Deg C	n/a	Field
01097	Antimony - Total	Bladder Pump	N	204.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
01002	Arsenic - Total	Bladder Pump	N	206.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00209	Barium - Total	Bladder Pump	N	208.1	7/28-8/13/99	<0.5	mg/l	0.5	HNO3 to pH < 2
01012	Beryllium - Total	Bladder Pump	N	210.2	7/28-8/13/99	<0.0020	mg/l	0.002	HNO3 to pH < 2
01013	Cadmium - Total	Bladder Pump	N	213.2	7/28-8/13/99	<0.0010	mg/l	0.001	HNO3 to pH < 2
01034	Chloride	Bladder Pump	N	300.0	7/21/99 2353	5.2	mg/l	0.2	cool to 4 C
01034	Chromium - Total	Bladder Pump	N	200.8	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01037	Cobalt - Total	Bladder Pump	N	219.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
00080	Color	Bladder Pump	N	110.2	7/22/99 0902	<5	Units	5	cool to 4 C
01042	Copper - Total	Bladder Pump	N	220.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
01045	Iron - Total	Bladder Pump	N	236.1	7/28-8/13/99	0.4	mg/l	0.1	HNO3 to pH < 2
01051	Lead - Total	Bladder Pump	N	239.2	7/28-8/13/99	0.007	mg/l	0.002	HNO3 to pH < 2
71900	Mercury - Total	Bladder Pump	N	245.1	7/28-8/13/99	<0.0005	mg/l	0.0005	HNO3 to pH < 2
01067	Nickel - Total	Bladder Pump	N	249.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
49578	Nitrogen, Ammonia	Bladder Pump	N	350.3	7/26/99 1107	<0.1	mg/l	0.1	H2SO4 pH < 2
00620	Nitrogen, Nitrate	Bladder Pump	N	300.0	7/21/99 2353	<0.2	mg/l	0.2	cool to 4 C
00214	Selenium - Total	Bladder Pump	N	270.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00215	Silver - Total	Bladder Pump	N	272.1	7/28-8/13/99	<0.025	mg/l	0.025	HNO3 to pH < 2
00929	Sodium - Total	Bladder Pump	N	273.1	7/28-8/13/99	3.3	mg/l	0.5	HNO3 to pH < 2
70304	Solids, Total Dissolved	Bladder Pump	N	160.1	7/22/99 1700	24	mg/l	10	cool to 4 C
01059	Thallium - Total	Bladder Pump	N	279.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01087	Vanadium - Total	Bladder Pump	N	200.8	7/28-8/13/99	0.005	mg/l	0.002	HNO3 to pH < 2
01092	Zinc - Total	Bladder Pump	N	289.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
81552	Acetone	Bladder Pump	N	8260	07/23/99	<20	ug/l	20	HCl to pH < 2
34215	Acrylonitrile	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34030	Benzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73085	Bromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32101	Bromodichloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32104	Bromoform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34413	Bromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2

PART III ANALYTICAL RESULTS

Facility GMS #: 3116P02787 Sampling Date/Time: 7/20/1999 1554
 Test Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: MWB-29I (DUP-2) Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: () Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ (**X**) Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
81348	2-Butanone	Bladder Pump	N	8260	7/23/99	<10	ug/l	10	HCl to pH < 2
77041	Carbon Disulfide	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
32102	Carbon Tetrachloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34301	Chlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34311	Chloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32106	Chloroform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34418	Chloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32105	Dibromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
38760	1,2-Dibromo-3-Chloropropane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30203	1,2-Dibromoethane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30217	Dibromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34451	1,2-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34451	1,4-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73547	Trans-1, 4-Dichloro-2-Butene	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34496	1,1-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34531	1,2-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34501	1,1-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77093	Cis-1,2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34546	Trans-1, 2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2-Dichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34561	Cis-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34699	Trans-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34371	Ethylbenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77103	2-Hexanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77424	Iodomethane	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34423	Methylene Chloride	Bladder Pump	N	8260	07/23/99	<5	ug/l	5	HCl to pH < 2
77113	4-Methyl-2-Pentanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77128	Styrene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77562	1,1,1,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34516	1,1,2,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34475	Tetrachloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34010	Toluene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34506	1,1,1-Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34511	1,1,2-Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
39180	Trichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34488	Trichlorofluoromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2,3-Trichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77057	Vinyl Acetate	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77057	Vinyl Chloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77057	Xylene (Total)	Bladder Pump	N	8260	07/23/99	<2	ug/l	2	HCl to pH < 2

PART III ANALYTICAL RESULTS

Facility GMS #: 3116P02787

Sampling Date/Time: 7/20/99 1554

White ID#:

Report Period: 1999/July-Sept.

(year/quarter)

Well Name: **MWB-29I (DUP-2)**

Well Purge (Y/N):

Y

Classification of Groundwater: G-II

Well Type: () Background

Ground Water Elevation (NGVD):

() Intermediate

or (MSL):

(X) Compliance

() Other

[illegible]

PART III ANALYTICAL RESULTS

Facility GMS #: 3116P02787 Sampling Date/Time: 7/21/1999 0844
 Well Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: MWB-22S (DUP-3) Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: () Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ (X) Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
observed	Field Odor	Bladder Pump	N	Field	07/21/99	None	n/a	n/a	Field
00299	Oxygen, Dissolved (Field)	Bladder Pump	N	Field	07/21/99	1.6	mg/l	n/a	Field
00400	Ph (Field)	Bladder Pump	N	Field	07/21/99	4.83	n/a	n/a	Field
observed	Sheen, Visible	Bladder Pump	N	Field	07/21/99	Clear	n/a	n/a	Field
00095	Specific Conductance(Field)	Bladder Pump	N	Field	07/21/99	95	umhos/cm	n/a	Field
00076	Turbidity (Field)	Bladder Pump	N	Field	07/21/99	3.21	NTU	n/a	Field
00010	Water Temperature in deg Celsius	Bladder Pump	N	Field	07/21/99	23.4	Deg C	n/a	Field
01097	Antimony - Total	Bladder Pump	N	204.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
01002	Arsenic - Total	Bladder Pump	N	206.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00209	Barium - Total	Bladder Pump	N	208.1	7/28-8/13/99	<0.5	mg/l	0.5	HNO3 to pH < 2
01012	Beryllium - Total	Bladder Pump	N	210.2	7/28-8/13/99	<0.0020	mg/l	0.002	HNO3 to pH < 2
01005	Cadmium - Total	Bladder Pump	N	213.2	7/28-8/13/99	<0.0010	mg/l	0.001	HNO3 to pH < 2
01033	Chloride	Bladder Pump	N	300.0	7/21/99 2353	5.99	mg/l	0.2	cool to 4 C
01034	Chromium - Total	Bladder Pump	N	200.8	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01037	Cobalt - Total	Bladder Pump	N	219.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
00080	Color	Bladder Pump	N	110.2	7/22/99 0902	25	Units	5	cool to 4 C
01042	Copper - Total	Bladder Pump	N	220.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
01045	Iron - Total	Bladder Pump	N	236.1	7/28-8/13/99	0.3	mg/l	0.1	HNO3 to pH < 2
01051	Lead - Total	Bladder Pump	N	239.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
71900	Mercury - Total	Bladder Pump	N	245.1	7/28-8/13/99	<0.0005	mg/l	0.0005	HNO3 to pH < 2
01067	Nickel - Total	Bladder Pump	N	249.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
49578	Nitrogen, Ammonia	Bladder Pump	N	350.3	7/26/99 1107	0.69	mg/l	0.1	H2SO4 pH < 2
00620	Nitrogen, Nitrate	Bladder Pump	N	300.0	7/21/99 2353	<0.2	mg/l	0.2	cool to 4 C
00214	Selenium - Total	Bladder Pump	N	270.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00215	Silver - Total	Bladder Pump	N	272.1	7/28-8/13/99	<0.025	mg/l	0.025	HNO3 to pH < 2
00929	Sodium - Total	Bladder Pump	N	273.1	7/28-8/13/99	5.9	mg/l	0.5	HNO3 to pH < 2
70304	Solids, Total Dissolved	Bladder Pump	N	160.1	7/22/99 1700	51	mg/l	10	cool to 4 C
01059	Thallium - Total	Bladder Pump	N	279.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01087	Vanadium - Total	Bladder Pump	N	200.8	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01092	Zinc - Total	Bladder Pump	N	289.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
81552	Acetone	Bladder Pump	N	8260	07/23/99	<20	ug/l	20	HCl to pH < 2
34215	Acrylonitrile	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34030	Benzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73085	Bromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32101	Bromodichloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32104	Bromoform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34413	Bromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2

PART III ANALYTICAL RESULTS

Property GMS #: 3116P02787 Sampling Date/Time: 7/21/1999 0844
 Test Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: MWB-22S (DUP-3) Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: () Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ (**X**) Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
81348	2-Butanone	Bladder Pump	N	8260	7/23/99	<10	ug/l	10	HCl to pH < 2
77041	Carbon Disulfide	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
32102	Carbon Tetrachloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34301	Chlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34311	Chloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32106	Chloroform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34418	Chloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32105	Dibromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
38760	1,2-Dibromo-3-Chloropropane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30203	1,2-Dibromoethane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30217	Dibromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34571	1,2-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73547	1,4-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34496	Trans-1, 4-Dichloro-2-Butene	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34531	1,1-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34501	1,2-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77093	1,1-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34546	Cis-1,2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	Trans-1, 2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34561	1,2-Dichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34699	Cis-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34371	Trans-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77103	Ethylbenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77424	2-Hexanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34423	Iodomethane	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77113	Methylene Chloride	Bladder Pump	N	8260	07/23/99	<5	ug/l	5	HCl to pH < 2
77128	4-Methyl-2-Pentanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77562	Styrene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34516	1,1,1,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34475	1,1,2,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34010	Tetrachloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34506	Toluene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34511	1,1,1- Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
39180	1,1,2-Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34488	Trichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	Trichlorofluoromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77057	1,2,3-Trichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
81347	Vinyl Acetate	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
81347	Vinyl Chloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
81347	Xylene (Total)	Bladder Pump	N	8260	07/23/99	<2	ug/l	2	HCl to pH < 2

PART III ANALYTICAL RESULTS

Facility GMS #: 3116P02787 Sampling Date/Time: 07/21/99
 Test Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: Field Blank Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: () Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ (X) Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
observed	Field Odor	Bladder Pump	N	Field	NA	NA	n/a	n/a	Field
00299	Oxygen, Dissolved (Field)	Bladder Pump	N	Field	NA	NA	mg/l	n/a	Field
00400	Ph (Field)	Bladder Pump	N	Field	NA	NA	n/a	n/a	Field
observed	Sheen, Visible	Bladder Pump	N	Field	NA	NA	n/a	n/a	Field
00095	Specific Conductance(Field)	Bladder Pump	N	Field	NA	NA	umhos/cm	n/a	Field
00076	Turbidity (Field)	Bladder Pump	N	Field	NA	NA	NTU	n/a	Field
00010	Water Temperature in deg Celsius	Bladder Pump	N	Field	NA	NA	Deg C	n/a	Field
01097	Antimony - Total	Bladder Pump	N	204.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
01002	Arsenic - Total	Bladder Pump	N	206.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00209	Barium - Total	Bladder Pump	N	208.1	7/28-8/13/99	<0.5	mg/l	0.5	HNO3 to pH < 2
01012	Beryllium - Total	Bladder Pump	N	210.2	7/28-8/13/99	<0.0020	mg/l	0.002	HNO3 to pH < 2
01013	Cadmium - Total	Bladder Pump	N	213.2	7/28-8/13/99	<0.0010	mg/l	0.001	HNO3 to pH < 2
01014	Chloride	Bladder Pump	N	300.0	7/21/99 2353	<0.2	mg/l	0.2	cool to 4 C
01034	Chromium - Total	Bladder Pump	N	200.8	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01037	Cobalt - Total	Bladder Pump	N	219.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
00080	Color	Bladder Pump	N	110.2	7/22/99 0902	<5	Units	5	cool to 4 C
01042	Copper - Total	Bladder Pump	N	220.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
01045	Iron - Total	Bladder Pump	N	236.1	7/28-8/13/99	<0.1	mg/l	0.1	HNO3 to pH < 2
01051	Lead - Total	Bladder Pump	N	239.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
71900	Mercury - Total	Bladder Pump	N	245.1	7/28-8/13/99	<0.0005	mg/l	0.0005	HNO3 to pH < 2
01067	Nickel - Total	Bladder Pump	N	249.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
49578	Nitrogen, Ammonia	Bladder Pump	N	350.3	7/26/99 1107	<0.1	mg/l	0.1	H2SO4 pH < 2
00620	Nitrogen, Nitrate	Bladder Pump	N	300.0	7/21/99 2353	<0.2	mg/l	0.2	cool to 4 C
00214	Selenium - Total	Bladder Pump	N	270.2	7/28-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00215	Silver - Total	Bladder Pump	N	272.1	7/28-8/13/99	<0.025	mg/l	0.025	HNO3 to pH < 2
00929	Sodium - Total	Bladder Pump	N	273.1	7/28-8/13/99	<0.5	mg/l	0.5	HNO3 to pH < 2
70304	Solids, Total Dissolved	Bladder Pump	N	160.1	7/22/99 1700	<10	mg/l	10	cool to 4 C
01059	Thallium - Total	Bladder Pump	N	279.2	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01087	Vanadium - Total	Bladder Pump	N	200.8	7/28-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01092	Zinc - Total	Bladder Pump	N	289.1	7/28-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
81552	Acetone	Bladder Pump	N	8260	07/23/99	<20	ug/l	20	HCl to pH < 2
34215	Acrylonitrile	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34030	Benzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73085	Bromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32101	Bromodichloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32104	Bromoform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34413	Bromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2

PART III ANALYTICAL RESULTS

Facility GMS #: 3116P02787 Sampling Date/Time: 07/21/99
 Test Site ID#: _____ Report Period: 1999/July-Sept.
 (year/quarter)
 Well Name: Field Blank Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: () Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ (X) Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
81348	2-Butanone	Bladder Pump	N	8260	7/23/99	<10	ug/l	10	HCl to pH < 2
77041	Carbon Disulfide	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
32102	Carbon Tetrachloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34301	Chlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34311	Chloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32106	Chloroform	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34418	Chloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32105	Dibromochloromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
38760	1,2-Dibromo-3-Chloropropane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30203	1,2-Dibromoethane	Bladder Pump	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30217	Dibromomethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34419	1,2-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34420	1,4-Dichlorobenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73547	Trans-1, 4-Dichloro-2-Butene	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34496	1,1-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34531	1,2-Dichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34501	1,1-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77093	Cis-1,2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34546	Trans-1, 2-Dichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2-Dichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34561	Cis-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34699	Trans-1, 3-Dichloropropene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34371	Ethylbenzene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77103	2-Hexanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77424	Iodomethane	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34423	Methylene Chloride	Bladder Pump	N	8260	07/23/99	<5	ug/l	5	HCl to pH < 2
77113	4-Methyl-2-Pentanone	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77128	Styrene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77562	1,1,1,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34516	1,1,2,2-Tetrachloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34475	Tetrachloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34010	Toluene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34506	1,1,1-Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34511	1,1,2-Trichloroethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
39180	Trichloroethene	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34488	Trichlorofluoromethane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2,3-Trichloropropane	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77057	Vinyl Acetate	Bladder Pump	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34512	Vinyl Chloride	Bladder Pump	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
81551	Xylene (Total)	Bladder Pump	N	8260	07/23/99	<2	ug/l	2	HCl to pH < 2

TRAIL RIDGE LANDFILL
SURFACE WATER MONITORING DATA

PART III ANALYTICAL RESULTS

Facility GMS #:	<u>3116P02787</u>	Sampling Date/Time:	<u>07/21/99</u>
Test Site ID#:	<u></u>	Report Period:	<u>1999 July-September</u>
			(year/quarter)
Well Name:	<u>SW-1</u>	Well Purge (Y/N):	<u>Y</u>
Classification of Groundwater:	<u>G-II</u>	Well Type:	() Background
Ground Water Elevation (NGVD):	<u></u>		() Intermediate
or (MSL):	<u></u>		(X) Compliance
			() Other

<u>Storet Code</u>	<u>Parameter Monitoring</u>	<u>Sampling Method</u>	<u>Field Filtered Y/N</u>	<u>Analysis Method</u>	<u>Analysis Date/Time</u>	<u>Analysis Result</u>	<u>Unit</u>	<u>Detection Limits</u>	<u>Preservatives Added</u>
observed	Field Odor	Grab	N	Field	07/21/99	None	n/a	n/a	Field
00299	Oxygen, Dissolved (Field)	Grab	N	Field	07/21/99	4.2	mg/l	n/a	Field
00400	Ph (Field)	Grab	N	Field	07/21/99	6.78	n/a	n/a	Field
observed	Sheen, Visible	Grab	N	Field	07/21/99	Clear	n/a	n/a	Field
00095	Specific Conductance(Field)	Grab	N	Field	07/21/99	245	umhos/cm	n/a	Field
00076	Turbidity (Field)	Grab	N	Field	07/21/99	2.61	NTU	n/a	Field
00010	Water Temperature in deg Celsius	Grab	N	Field	07/21/99	25.1	Deg C	n/a	Field
49578	Nitrogen, Ammonia	Grab	N	350.3	7/27/99 1330	<0.001	mg/l	0.001	H2SO4 pH < 2
01097	Antimony - Total	Grab	N	204.2	7/27-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
01002	Arsenic - Total	Grab	N	206.2	7/27-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00209	Barium - Total	Grab	N	208.1	7/27-8/13/99	<0.5	mg/l	0.5	HNO3 to pH < 2
01012	Beryllium - Total	Grab	N	210.2	7/27-8/13/99	<0.0020	mg/l	0.002	HNO3 to pH < 2
00310	BOD	Grab	N	405.1	7/22/99 1300	<4	mg/L	4	cool to 4 C
01000	Cadmium - Total	Grab	N	213.2	7/27-8/13/99	<0.0010	mg/l	0.001	HNO3 to pH < 2
30000	Chlorophyll A	Grab	N	SM10200H	7/30/99 0800	<1.0	mg/m3	1.0	Cool to 4 C
00680	Carbon, Total Organic	Grab	N	415.1	7/23/99 0934	6.73	mg/L	1	HCl to pH < 2
01034	Chromium - Total	Grab	N	218.2	7/27-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
00341	Chemical Oxygen Demand	Grab	N	410.2	7/27-8/13/99	<0.05	mg/l	0.05	H2SO4 pH < 2
01037	Cobalt - Total	Grab	N	219.1	7/29/99 0936	22.0	mg/l	0.05	HNO3 to pH < 2
31612	Coliform, Fecal	Grab	N	SM9222D	7/22/99 1608	560	COLF/100 ml	1	Cool to 4 C
01042	Copper - Total	Grab	N	220.1	7/27-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
46570	Hardness as CaCO3	Grab	N	SM2340B	7/27-8/13/99	94.0	mg/L	5	HNO3 to pH < 3
01045	Iron - Total	Grab	N	236.1	7/27-8/13/99	0.1	mg/l	0.1	HNO3 to pH < 2
01051	Lead - Total	Grab	N	239.2	7/27-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
71900	Mercury - Total	Grab	N	245.1	7/27-8/13/99	<0.0005	mg/l	0.0005	HNO3 to pH < 2
01067	Nickel - Total	Grab	N	249.1	7/27-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
00620	Nitrogen, Nitrate	Grab	N	300.0	7/21/99 2353	<0.2	mg/l	0.2	Cool to 4 C
00600	Nitrogen, Total as N	Grab	N	300.0 + 351.1	7/21-22/99	<0.5	mg/l	0.5	Cool to 4 C
00665	Phosphorous, Total	Grab	N	365.3	7/22/99 1630	<0.01	mg/l	0.01	Cool to 4 C
00214	Selenium - Total	Grab	N	270.2	7/27-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00215	Silver - Total	Grab	N	272.1	7/27-8/13/99	<0.025	mg/l	0.025	HNO3 to pH < 2
70304	Solids, Total Dissolved	Grab	N	160.1	7/23/99 1740	110	mg/l	10	Cool to 4 C
70299	Solids, Total Suspended	Grab	N	160.2	7/22/99 1037	<5	mg/l	5	Cool to 4 C
01059	Thallium - Total	Grab	N	279.2	7/27-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01087	Vanadium - Total	Grab	N	286.2	7/27-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01092	Zinc - Total	Grab	N	289.1	7/27-8/13/99	0.06	mg/l	0.05	HNO3 to pH < 2
81552	Acetone	Grab	N	8260	07/23/99	<20	ug/l	20	HCl to pH < 2
34215	Acrylonitrile	Grab	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34030	Benzene	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73085	Bromochloromethane	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
30000	Bromodichloromethane	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32104	Bromoform	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2

PART III ANALYTICAL RESULTS

Facility GMS #: 3116P02787 Sampling Date/Time: 07/21/99
 Site ID#: _____ Report Period: 1999 July-September
 (year/quarter)
 Well Name: SW-1 Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: () Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ (X) Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
34413	Bromomethane	Grab	N	8260	7/23/99	<1	ug/l	1	HCl to pH < 2
81348	2-Butanone	Grab	N	8260	7/23/99	<10	ug/l	10	HCl to pH < 2
77041	Carbon Disulfide	Grab	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
32102	Carbon Tetrachloride	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34301	Chlorobenzene	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34311	Chloroethane	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32106	Chloroform	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34418	Chloromethane	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32105	Dibromochloromethane	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
38760	1,2-Dibromo-3-Chloropropane	Grab	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30203	1,2-Dibromoethane	Grab	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30217	Dibromomethane	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34571	1,2-Dichlorobenzene	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34571	1,4-Dichlorobenzene	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77041	Trans-1, 4-Dichloro-2-Butene	Grab	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34531	1,1-Dichloroethane	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34531	1,2-Dichloroethane	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34501	1,1-Dichloroethene	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77093	Cis-1,2-Dichloroethene	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34546	Trans-1, 2-Dichloroethene	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2-Dichloropropane	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34561	Cis-1, 3-Dichloropropene	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34699	Trans-1, 3-Dichloropropene	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34371	Ethylbenzene	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77103	2-Hexanone	Grab	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77424	Iodomethane	Grab	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34423	Methylene Chloride	Grab	N	8260	07/23/99	<5	ug/l	5	HCl to pH < 2
77113	4-Methyl-2-Pentanone	Grab	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77128	Styrene	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77562	1,1,1,2-Tetrachloroethane	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34516	1,1,2,2-Tetrachloroethane	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34475	Tetrachloroethene	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34010	Toluene	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34506	1,1,1- Trichloroethane	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34511	1,1,2-Trichloroethane	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
39180	Trichloroethene	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34488	Trichlorofluoromethane	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2,3-Trichloropropane	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77057	Vinyl Acetate	Grab	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
39175	Vinyl Chloride	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
81348	Xylene (Total)	Grab	N	8260	07/23/99	<2	ug/l	2	HCl to pH < 2

PART III ANALYTICAL RESULTS

Facility GMS #: 3116P02787 Sampling Date/Time: 07/21/99
 T Site ID#: _____ Report Period: 1999 July-September
 (year/quarter)
 Well Name: SW-2 Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: () Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ (**X**) Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
observed	Field Odor	Grab	N	Field	07/21/99	None	n/a	n/a	Field
00299	Oxygen, Dissolved (Field)	Grab	N	Field	07/21/99	5.3	mg/l	n/a	Field
00400	Ph (Field)	Grab	N	Field	07/21/99	5.41	n/a	n/a	Field
observed	Sheen, Visible	Grab	N	Field	07/21/99	Clear	n/a	n/a	Field
00095	Specific Conductance(Field)	Grab	N	Field	07/21/99	45	umhos/cm	n/a	Field
00076	Turbidity (Field)	Grab	N	Field	07/21/99	2.52	NTU	n/a	Field
00010	Water Temperature in deg Celsius	Grab	N	Field	07/21/99	25.1	Deg C	n/a	Field
49578	Nitrogen, Ammonia	Grab	N	350.3	7/27/99 1330	<0.001	mg/l	0.001	H2SO4 pH < 2
01097	Antimony - Total	Grab	N	204.2	7/27-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
01002	Arsenic - Total	Grab	N	206.2	7/27-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00209	Barium - Total	Grab	N	208.1	7/27-8/13/99	<0.5	mg/l	0.5	HNO3 to pH < 2
01012	Beryllium - Total	Grab	N	210.2	7/27-8/13/99	<0.0020	mg/l	0.002	HNO3 to pH < 2
00310	BOD	Grab	N	405.1	7/22/99 1300	<4	mg/L	4	cool to 4 C
01012	Cadmium - Total	Grab	N	213.2	7/27-8/13/99	<0.0010	mg/l	0.001	HNO3 to pH < 2
32200	Chlorophyll A	Grab	N	SM10200H	7/30/99 0800	<1.0	mg/m3	1.0	Cool to 4 C
00680	Carbon, Total Organic	Grab	N	415.1	7/23/99 0934	4.00	mg/L	1	HCl to pH < 2
01034	Chromium - Total	Grab	N	218.2	7/27-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
00341	Chemical Oxygen Demand	Grab	N	410.2	7/27-8/13/99	<0.05	mg/l	0.05	H2SO4 pH < 2
01037	Cobalt - Total	Grab	N	219.1	7/29/99 0936	15.0	mg/l	0.05	HNO3 to pH < 2
31612	Coliform, Fecal	Grab	N	SM9222D	7/22/99 1608	140	COLF/100 ml	1	Cool to 4 C
01042	Copper - Total	Grab	N	220.1	7/27-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
46570	Hardness as CaCO3	Grab	N	SM2340B	7/27-8/13/99	5.54	mg/L	5	HNO3 to pH < 3
01045	Iron - Total	Grab	N	236.1	7/27-8/13/99	0.2	mg/l	0.1	HNO3 to pH < 2
01051	Lead - Total	Grab	N	239.2	7/27-8/13/99	0.003	mg/l	0.002	HNO3 to pH < 2
71900	Mercury - Total	Grab	N	245.1	7/27-8/13/99	<0.0005	mg/l	0.0005	HNO3 to pH < 2
01067	Nickel - Total	Grab	N	249.1	7/27-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
00620	Nitrogen, Nitrate	Grab	N	300.0	7/21/99 2353	<0.2	mg/l	0.2	Cool to 4 C
00600	Nitrogen, Total as N	Grab	N	300.0 + 351.1	7/21-22/99	<0.5	mg/l	0.5	Cool to 4 C
00665	Phosphorous, Total	Grab	N	365.3	7/22/99 1630	<0.01	mg/l	0.01	Cool to 4 C
00214	Selenium - Total	Grab	N	270.2	7/27-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00215	Silver - Total	Grab	N	272.1	7/27-8/13/99	<0.025	mg/l	0.025	HNO3 to pH < 2
70304	Solids, Total Dissolved	Grab	N	160.1	7/23/99 1740	11.0	mg/l	10	Cool to 4 C
70299	Solids, Total Suspended	Grab	N	160.2	7/22/99 1037	<5	mg/l	5	Cool to 4 C
01059	Thallium - Total	Grab	N	279.2	7/27-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01087	Vanadium - Total	Grab	N	286.2	7/27-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01092	Zinc - Total	Grab	N	289.1	7/27-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
81552	Acetone	Grab	N	8260	07/23/99	<20	ug/l	20	HCl to pH < 2
34215	Acrylonitrile	Grab	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34030	Benzene	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
70304	Bromochloromethane	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32104	Bromodichloromethane	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32104	Bromoform	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2

PART III ANALYTICAL RESULTS

Facility GMS #: 3116P02787 Sampling Date/Time: 07/21/99
 Test Site ID#: _____ Report Period: 1999 July-September
 (year/quarter)
 Well Name: SW-2 Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: () Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ (**X**) Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
34413	Bromomethane	Grab	N	8260	7/23/99	<1	ug/l	1	HCl to pH < 2
81348	2-Butanone	Grab	N	8260	7/23/99	<10	ug/l	10	HCl to pH < 2
77041	Carbon Disulfide	Grab	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
32102	Carbon Tetrachloride	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34301	Chlorobenzene	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34311	Chloroethane	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32106	Chloroform	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34418	Chloromethane	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
32105	Dibromochloromethane	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
38760	1,2-Dibromo-3-Chloropropane	Grab	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30203	1,2-Dibromoethane	Grab	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30217	Dibromomethane	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34571	1,2-Dichlorobenzene	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34571	1,4-Dichlorobenzene	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
73517	Trans-1, 4-Dichloro-2-Butene	Grab	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34531	1,1-Dichloroethane	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34531	1,2-Dichloroethane	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34501	1,1-Dichloroethene	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77093	Cis-1,2-Dichloroethene	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34546	Trans-1, 2-Dichloroethene	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2-Dichloropropane	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34561	Cis-1, 3-Dichloropropene	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34699	Trans-1, 3-Dichloropropene	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34371	Ethylbenzene	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77103	2-Hexanone	Grab	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77424	Iodomethane	Grab	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34423	Methylene Chloride	Grab	N	8260	07/23/99	<5	ug/l	5	HCl to pH < 2
77113	4-Methyl-2-Pentanone	Grab	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77128	Styrene	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77562	1,1,1,2-Tetrachloroethane	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34516	1,1,2,2-Tetrachloroethane	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34475	Tetrachloroethene	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34010	Toluene	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34506	1,1,1-Trichloroethane	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34511	1,1,2-Trichloroethane	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
39180	Trichloroethene	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
34488	Trichlorofluoromethane	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77443	1,2,3-Trichloropropane	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
77057	Vinyl Acetate	Grab	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
39175	Vinyl Chloride	Grab	N	8260	07/23/99	<1	ug/l	1	HCl to pH < 2
81551	Xylene (Total)	Grab	N	8260	07/23/99	<2	ug/l	2	HCl to pH < 2

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
 Project: Trail Ridge/2nd Semiannual Monitoring Event
 Sample Matrix: Surface Water

Service Request: J9902109
 Date Collected: 7/21/99
 Date Received: 7/21/99
 Date Extracted: NA

RCRA, Subtitle D, 40 CFR Part 258, Appendix I
 Volatile Organic Compounds
 EPA Method 8260
 Units: µg/L (ppb)

Analyte	MRL	Sample Name:	SW-1	SW-2	Trip
		Lab Code:	J9902109-01	J9902109-02	J9902109-03
		Date Analyzed:	7/23/99	7/23/99	7/23/99
Acetone	20		U	U	U
Acrylonitrile	10		U	U	U
Benzene	1		U	U	U
Bromochloromethane	1		U	U	U
Bromodichloromethane	1		U	U	U
Bromoform (Tribromomethane)	1		U	U	U
Bromomethane	1		U	U	U
2-Butanone (MEK)	10		U	U	U
Carbon Disulfide	10		U	U	U
Carbon Tetrachloride	1		U	U	U
Chlorobenzene	1		U	U	U
Chloroethane (Ethyl Chloride)	1		U	U	U
Chloroform (Trichloromethane)	1		U	U	U
Chloromethane (Methyl Chloride)	1		U	U	U
Dibromochloromethane	1		U	U	U
1,2-Dibromo-3-chloropropane (DBCP)	10		U	U	U
1,2-Dibromoethane (EDB)	1		U	U	U
Dibromomethane (Methylene Bromide)	1		U	U	U
1,2-Dichlorobenzene	1		U	U	U
1,4-Dichlorobenzene	1		U	U	U
trans-+cis-1,4-Dichloro-2-butene	10		U	U	U
1,1-Dichloroethane	1		U	U	U
1,2-Dichloroethane (EDC)	1		U	U	U
1,1-Dichloroethene	1		U	U	U
cis-1,2-Dichloroethene	1		U	U	U
trans-1,2-Dichloroethene	1		U	U	U
1,2-Dichloropropane	1		U	U	U
cis-1,3-Dichloropropene	1		U	U	U
trans-1,3-Dichloropropene	1		U	U	U
Ethylbenzene	1		U	U	U
2-Hexanone	10		U	U	U
Iodomethane (Methyl Iodide)	10		U	U	U
Methylene Chloride (Dichloromethane)	5		U	U	U
4-Methyl-2-Pentanone (MIBK)	10		U	U	U
Styrene	1		U	U	U

Approved By:

Maureen Montes

Date:

8/16/95

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Surface Water

Service Request: J9902109
Date Collected: 7/21/99
Date Received: 7/21/99
Date Extracted: NA

RCRA, Subtitle D, 40 CFR Part 258, Appendix I
Volatile Organic Compounds
EPA Method 8260
Units: µg/L (ppb)

	Sample Name:	SW-1	SW-2	Trip
	Lab Code:	J9902109-01	J9902109-02	J9902109-03
	Date Analyzed:	7/23/99	7/23/99	7/23/99
Analyte	MRL			
1,1,1,2-Tetrachloroethane	1	U	U	U
1,1,2,2-Tetrachloroethane	1	U	U	U
Tetrachloroethene (PCE)	1	U	U	U
Toluene	1	U	U	U
1,1,1-Trichloroethane (TCA)	1	U	U	U
1,1,2-Trichloroethane	1	U	U	U
Trichloroethene (TCE)	1	U	U	U
Trichlorofluoromethane (CFC 11)	1	U	U	U
1,2,3-Trichloropropane	1	U	U	U
Vinyl Acetate	10	U	U	U
Vinyl Chloride	1	U	U	U
Xylenes (total)	2	U	U	U

Approved By: Marta Mont Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Water

Service Request: J9902109

Date Collected: NA

Date Received: NA

Date Extracted: NA

RCRA, Subtitle D, 40 CFR Part 258, Appendix I
Volatile Organic Compounds
EPA Method 8260
Units: µg/L (ppb)

Sample Name: Method Blank
Lab Code: J990722-MB
Date Analyzed: 7/22/99

Analyte	MRL	
Acetone	20	U
Acrylonitrile	10	U
Benzene	1	U
Bromochloromethane	1	U
Bromodichloromethane	1	U
Bromoform (Tribromomethane)	1	U
Bromomethane	1	U
2-Butanone (MEK)	10	U
Carbon Disulfide	10	U
Carbon Tetrachloride	1	U
Chlorobenzene	1	U
Chloroethane (Ethyl Chloride)	1	U
Chloroform (Trichloromethane)	1	U
Chloromethane (Methyl Chloride)	1	U
Dibromochloromethane	1	U
1,2-Dibromo-3-chloropropane (DBCP)	10	U
1,2-Dibromoethane (EDB)	1	U
Dibromomethane (Methylene Bromide)	1	U
1,2-Dichlorobenzene	1	U
1,4-Dichlorobenzene	1	U
<i>trans</i> -+ <i>cis</i> -1,4-Dichloro-2-butene	10	U
1,1-Dichloroethane	1	U
1,2-Dichloroethane (EDC)	1	U
1,1-Dichloroethene	1	U
<i>cis</i> -1,2-Dichloroethene	1	U
<i>trans</i> -1,2-Dichloroethene	1	U
1,2-Dichloropropane	1	U
<i>cis</i> -1,3-Dichloropropene	1	U
<i>trans</i> -1,3-Dichloropropene	1	U
Ethylbenzene	1	U
2-Hexanone	10	U
Iodomethane (Methyl Iodide)	10	U
Methylene Chloride (Dichloromethane)	5	U
4-Methyl-2-Pentanone (MIBK)	10	U
Styrene	1	U

Approved By: Marta Monte Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Water

Service Request: J9902109
Date Collected: NA
Date Received: NA
Date Extracted: NA

RCRA, Subtitle D, 40 CFR Part 258, Appendix I
Volatile Organic Compounds
EPA Method 8260
Units: µg/L (ppb)

Sample Name: Method Blank
Lab Code: J990722-MB
Date Analyzed: 7/22/99

Analyte	MRL	
1,1,1,2-Tetrachloroethane	1	U
1,1,2,2-Tetrachloroethane	1	U
Tetrachloroethene (PCE)	1	U
Toluene	1	U
1,1,1-Trichloroethane (TCA)	1	U
1,1,2-Trichloroethane	1	U
Trichloroethene (TCE)	1	U
Trichlorofluoromethane (CFC 11)	1	U
1,2,3-Trichloropropane	1	U
Vinyl Acetate	10	U
Vinyl Chloride	1	U
Xylenes (total)	2	U

Approved By:

Maitha Montero

Date:

8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Surface Water

Service Request: J9902109
Date Collected: 7/21/99
Date Received: 7/21/99
Date Extracted: 8/2/99

1,2-Dibromoethane (EDB) & 1,2-Dibromo-3-chloropropane (DBCP)
EPA Method 8011
Units: µg/L (ppb)

Sample Name:	SW-1	SW-2	Trip
Lab Code:	J9902109-01	J9902109-02	J9902109-03
Date Analyzed:	8/2/99	8/2/99	8/2/99

Analyte	MRL			
EDB	0.02	U	U	U
DBCP	0.02	U	U	U

U Not detected at or above the MRL.

Approved By: Maureen Monte Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Water

Service Request: J9902109
Date Collected: 7/21/99
Date Received: 7/21/99
Date Extracted: 8/2/99

1,2-Dibromoethane (EDB) & 1,2-Dibromo-3-chloropropane (DBCP)
EPA Method 8011
Units: µg/L (ppb)

Sample Name: Method Blank
Lab Code: J990802-MB
Date Analyzed: 8/2/99

Analyte	MRL	
EDB	0.02	U
DBCP	0.02	U

U Not detected at or above the MRL.

Approved By: Marta Monte Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
 Project: Trail Ridge/2nd Semiannual Monitoring Event
 Sample Matrix: Surface Water

Service Request: J9902109
 Date Collected: 7/21/99
 Date Received: 7/21/99
 Date Extracted: 7/22/99

Total Metals
 Units: mg/L(ppm)

Sample Name:	SW-1	SW-2	Method Blank
Lab Code:	J9902109-01	J9902109-02	J990722-MB
Date Analyzed:	7/27-8/13/99	7/27-8/13/99	7/27-8/13/99

Analyte	EPA Method	FL MCL	MRL			
Antimony	204.2	0.006	0.005	U	U	U
Arsenic	206.2	0.05	0.005	U	U	U
Barium	208.1	2	0.5	U	U	U
Beryllium	210.2	0.004	0.0020	U	U	U
Cadmium	213.2	0.005	0.0010	U	U	U
Chromium	6020	0.10	0.002	U	U	U
Cobalt	219.1	--	0.05	U	U	U
Copper	220.1	1	0.05	U	U	U
Iron	236.1	0.3	0.1	0.1	0.2	U
Lead	239.2	0.015	0.002	U	0.003	U
Mercury	245.1	0.002	0.0005	U	U	U
Nickel	249.1	0.10	0.05	U	U	U
Selenium	270.2	0.05	0.005	U	U	U
Silver	272.1	0.10	0.025	U	U	U
Thallium	279.2	0.002	0.002	U	U	U
Vanadium	6020	0.049	0.002	U	U	U
Zinc	289.1	5	0.05	0.06	U	U
Hardness as CaCO3	SM2340B	--	5	94.0	5.54	U

U Not detected at or above the MRL.

Approved By: Maitha Monte Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Surface Water
HRS Number: 82483

Service Request: J9902109
Date Collected: 7/21/99 1251
Date Received: 7/21/99 1515
Date Setup: 7/21/99 1800
Date Analyzed: 7/22/99 1608
Analyst: BB

Inorganic Parameters
Units: Colonies per 100 ml

Sample Name: SW-1 **SW-2** **Method Blank**
Lab Code: J9902109-01 J9902109-02 J990721-MB

Analyte	EPA Method	MRL			
Coliform, Fecal	SM 9222D	1	560	140	<1

Approved By: Maitha Monte Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Surface Water

Service Request: J9902109
Date Collected: 7/21/99 1325
Date Received: 7/21/99
Date Extracted: NA

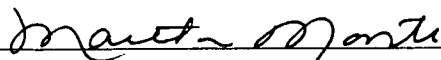
Inorganic Parameters

Sample Name: SW-1 SW-2 Method Blank
Lab Code: J9902109-01 J9902109-02 J990721-MB

Analyte	Units	EPA Method	MRL	Date/Time Analyzed			
Ammonia as N, Unionized	mg/L (ppm)	FDER	0	7/27/99 1330	U	U	U
BOD	mg/L (ppm)	405.1	4	7/22/99 1300	U	U	U
Chlorophyll A	mg/m3	SM10200H	1.0	7/30/99 0800	U	U	U
COD	mg/L (ppm)	410.2	5	7/29/99 0936	22.0	15.0	U
Nitrate as Nitrogen	mg/L (ppm)	300.0	0.2	7/21/99 2353	U	U	U
Nitrogen, Total as N	mg/L (ppm)	300.0+351.	0.5	7/21-22/99	U	U	U
Phosphorus, Total	mg/L (ppm)	365.3	0.01	7/22/99 1630	U	U	U
Solids, Total Dissolved	mg/L (ppm)	160.1	10	7/23/99 1740	110	11.0	U
Solids, Total Suspended	mg/L (ppm)	160.2	5	7/22/99 1037	U	U	U
TOC	mg/L (ppm)	415.1	1.0	7/23/99 0934	6.73	4.00	U

U Not detected at or above the MRL.

Approved By:



Date:

8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Surface Water

Service Request: J9902109
Date Collected: NA
Date Received: NA
Date Extracted: NA
Date Analyzed: 7/22-23/99

Surrogate Recovery Summary
Volatile Organic Compounds
EPA Method 8260

Sample Name	Lab Code	P e r c e n t R e c o v e r y		
		Pentafluorobenzene	Toluene-d ₈	4-Bromofluorobenzene
SW-1	J9902109-01	96	112	92
SW-2	J9902109-02	96	109	88
Trip	J9902109-03	94	108	90
Method Blank	J990722-MB	96	109	86
Laboratory Control Sample	J990722-LCS	90	101	96
Batch QC	J9902092-03MS	91	101	95
Batch QC	J9902092-03MSD	93	104	98

CAS Acceptance Limits: 83-117 81-119 72-128

Approved By: _____

Mauro Monte

Date: _____

8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Water

Service Request: J9902109
Date Collected: NA
Date Received: NA
Date Extracted: NA
Date Analyzed: 7/22/99

Matrix Spike/Duplicate Matrix Spike Summary
Volatile Organic Compounds
EPA Method 8260
Units: µg/L (ppb)

Sample Name: Batch QC
Lab Code: Batch QC

Analyte	Percent Recovery								Relative Percent Difference
	Spike Level		Sample Result	Spike Result		EPA Acceptance Limits			
	MS	DMS		MS	DMS	MS	DMS		
1,1-Dichloroethene	50	50	U	42	44	84	88	25-135	5
Benzene	50	50	U	44	47	88	94	32-136	7
Trichloroethene	50	50	U	38	40	76	80	28-134	5
Toluene	50	50	U	44	47	88	94	37-129	7
Chlorobenzene	50	50	U	42	45	84	90	34-133	7

Approved By: Maitha Mart Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
LCS Matrix: Water

Service Request: J9902109
Date Collected: NA
Date Received: NA
Date Extracted: NA
Date Analyzed: 7/22/99

Laboratory Control Sample Summary
Volatile Organic Compounds
EPA Method 8260
Units: µg/L (ppb)

Analyte	True Value	Result	Percent Recovery	EPA Percent Recovery Acceptance Limits
1,1-Dichloroethene	50	50	100	25-135
Benzene	50	53	106	32-136
Trichloroethene	50	45	90	28-134
Toluene	50	51	102	37-129
Chlorobenzene	50	51	102	34-133

Approved By: _____

Marta Monte

Date: _____

8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Surface Water

Service Request: J9902109
Date Collected: 7/21/99
Date Received: 7/21/99
Date Extracted: 8/2/99
Date Analyzed: 8/2/99

Surrogate Recovery Summary
1,2-Dibromoethane (EDB) & 1,2-Dibromo-3-chloropropane (DBCP)
EPA Method 8011

Sample Name	Lab Code	Percent Recovery Tetrachloro- <i>m</i> -xylene
SW-1	J9902109-01	77
SW-2	J9902109-02	95
Trip	J9902109-03	105
Method Blank	J990802-MB	110
Laboratory Control Sample	J990802-LCS	96
Batch QC	J9902108-21MS	83
Batch QC	J9902108-21DMS	81

CAS Acceptance Limits: 15-131

Approved By: Marta Montano Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902109
Date Collected: NA
Date Received: NA
Date Extracted: 8/2/99
Date Analyzed: 8/2/99

Matrix Spike/Duplicate Matrix Spike Summary
 1,2-Dibromoethane (EDB) & 1,2-Dibromo-3-chloropropane (DBCP)
 EPA Method 8011
 Units: µg/L (ppb)

Sample Name: Batch QC
Lab Code: Batch QC

Analyte	Percent Recovery									
	Spike Level		Sample Result	Spike Result		Percent Recovery		CAS Acceptance Limits	Relative Percent Difference	CAS RPD Acceptance Limit
	MS	DMS		MS	DMS	MS	DMS			
EDB	0.5	0.5	U	0.46	0.46	92	92	36-136	<1	30
DBCP	0.5	0.5	U	0.47	0.44	94	88	36-136	7	30

Approved By: Maureen Monte Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
LCS Matrix: Water

Service Request: J9902109
Date Collected: NA
Date Received: NA
Date Extracted: 8/2/99
Date Analyzed: 8/2/99

Laboratory Control Sample Summary
1,2-Dibromoethane (EDB) & 1,2-Dibromo-3-chloropropane (DBCP)
EPA Method 8011
Units: $\mu\text{g/L}$ (ppb)

Analyte	True Value	Result	Percent Recovery	CAS
				Percent Recovery Acceptance Limits
EDB	0.25	0.22	88	60-140
DBCP	0.25	0.25	100	60-140

The laboratory control sample is prepared using a standard obtained from EM Science (Lot No.A7080473) which is different than the source of the calibration standard.

Approved By: Maureen Marts Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Trail Ridge Landfill, Inc.
 Project: Trail Ridge/2nd Semiannual Monitoring Event
 Sample Matrix: Surface Water

Service Request: J9902109
 Date Collected: NA
 Date Received: NA
 Date Extracted: NA
 Date Analyzed: 7/27-8/13/99

Duplicate Matrix Spike Summary

Total Metals
 Units: mg/L(ppm)

Sample Name: Batch QC
 Lab Code: Batch QC

Analyte	EPA Method	MRL	Sample Result	Duplicate Sample Result	Average	Relative Percent Difference	Result Note
Antimony	204.2	0.005	0.020	0.018	0.019	11	
Arsenic	206.2	0.005	0.019	0.018	0.018	5	
Barium	208.1	0.5	2.1	2.1	2.1	<1	
Beryllium	210.2	0.0020	0.0043	0.0043	0.0043	<1	
Cadmium	213.2	0.0010	0.0024	0.0023	0.0024	4	
Chromium	6020	0.002	0.202	0.175	0.188	14	
Cobalt	219.1	0.05	2.0	2.0	2.0	<1	
Copper	220.1	0.05	2.1	2.1	2.1	<1	
Iron	236.1	0.1	2.1	2.1	2.1	<1	
Lead	239.2	0.002	0.021	0.020	0.020	5	
Mercury	245.1	0.0005	0.0050	0.0052	0.0051	4	
Nickel	249.1	0.05	2.0	2.0	2.0	<1	
Selenium	270.2	0.005	0.017	0.017	0.017	<1	
Silver	272.1	0.025	1.1	1.1	1.1	<1	
Thallium	279.2	0.002	0.016	0.017	0.016	6	
Vanadium	6020	0.002	0.246	0.215	0.230	13	
Zinc	289.1	0.05	2.2	2.1	2.2	5	
Hardness as CaCO ₃	SM2340B	5	154	149	152	3	

U Not detected at or above the MRL.

Approved By: Maitha Maitha Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Trail Ridge Landfill, Inc.
 Project: Trail Ridge/2nd Semiannual Monitoring Event
 Sample Matrix: Surface Water

Service Request: J9902109
 Date Collected: NA
 Date Received: NA
 Date Extracted: NA
 Date Analyzed: 7/27-8/13/99

Matrix Spike Summary
 Total Metals
 Units: mg/L(ppm)

Sample Name: Batch QC
 Lab Code: Batch QC

Analyte	EPA Method	MRL	Spike Level	Sample Result	Spiked Sample Result	Percent Recovery	CAS Percent Recovery	Result Note
							Acceptance Limits	
Antimony	204.2	0.005	0.020	U	0.020	100	60-130	
Arsenic	206.2	0.005	0.020	U	0.019	95	80-120	
Barium	208.1	0.5	2.0	U	2.1	105	80-120	
Beryllium	210.2	0.0020	0.0040	U	0.0043	108	80-120	
Cadmium	213.2	0.0010	0.0020	U	0.0024	120	80-120	
Chromium	6020	0.002	0.200	U	0.202	101	80-125	
Cobalt	219.1	0.05	2.0	U	2.0	100	80-120	
Copper	220.1	0.05	2.0	U	2.1	105	80-120	
Iron	236.1	0.1	2.0	0.1	2.1	100	80-120	
Lead	239.2	0.002	0.020	U	0.021	105	80-120	
Mercury	245.1	0.0005	0.0050	U	0.0050	100	80-120	
Nickel	249.1	0.05	2.0	U	2.0	100	80-120	
Selenium	270.2	0.005	0.020	U	0.017	85	70-120	
Silver	272.1	0.025	1.0	U	1.1	110	70-130	
Thallium	279.2	0.002	0.020	U	0.016	80	80-120	
Vanadium	6020	0.002	0.250	U	0.246	98	80-120	
Zinc	289.1	0.05	2.0	U	2.2	110	80-120	
Hardness as CaCO3	SM2340B	5	66.15	94.0	154	91	80-120	

U Not detected at or above the MRL.

Approved By: Marta Monte Date: 8/16/95

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Trail Ridge Landfill, Inc.
 Project: Trail Ridge/2nd Semiannual Monitoring Event
 Sample Matrix: Water

Service Request: J9902109
 Date Collected: NA
 Date Received: NA
 Date Analyzed: 7/27-8/13/99

Laboratory Control Sample Summary
 Total Metals
 Units: mg/L(ppm)

Analyte	EPA Method	TRUE VALUE	Result	Percent Recovery	CAS Percent Recovery Acceptance Limits
Antimony	204.2	0.020	0.020	100	60-130
Arsenic	206.2	0.020	0.018	90	80-120
Barium	208.1	2.0	2.2	110	80-120
Beryllium	210.2	0.0040	0.0043	108	80-120
Cadmium	213.2	0.0020	0.0024	120	80-120
Chromium	6020	0.200	0.231	116	80-125
Cobalt	219.1	2.0	2.0	100	80-120
Copper	220.1	2.0	2.1	105	80-120
Iron	236.1	2.0	2.0	100	80-120
Lead	239.2	0.020	0.020	100	80-120
Mercury	245.1	0.0050	0.0050	100	80-120
Nickel	249.1	2.0	2.0	100	80-120
Selenium	270.2	0.020	0.019	95	70-120
Silver	272.1	1.0	1.1	110	70-130
Thallium	279.2	0.020	0.017	85	80-120
Vanadium	6020	0.250	0.257	103	80-120
Zinc	289.1	2.0	2.1	105	80-120
Hardness as CaCO3	SM2340B	66.15	64.91	98	80-120

Approved By: _____

Maureen M. M. M.

Date: _____

8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Surface Water

Service Request: J9902109
Date Collected: NA
Date Received: NA
Date Extracted: NA
Date Analyzed: 7/21-30/99

Duplicate Summary
Inorganic Parameters

Sample Name: Batch QC
Lab Code: Batch QC

Analyte	Units	EPA Method	MRL	Sample Result	Duplicate Sample Result	Average	Relative Percent Difference
BOD	mg/L (ppm)	405.1	4	U	U	U	<1
Chlorophyll A	mg/m3	SM10200H	1.0	17	19	18	11.1
COD	mg/L (ppm)	410.2	5	57	57	57	<1
Nitrate as Nitrogen	mg/L (ppm)	300.0	0.2	U	U	U	<1
Phosphorus, Total	mg/L (ppm)	365.3	0.01	1.6	1.6	1.6	<1
Solids, Total Dissolved	mg/L (ppm)	160.1	10	1300	1300	1300	<1
Solids, Total Suspended	mg/L (ppm)	160.2	5	13	12	12.5	8.00
TOC	mg/L (ppm)	415.1	1.0	20.5	20.7	20.6	<1

U Not detected at or above the MRL.

Approved By: *Maisha Monte*

Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Surface Water

Service Request: J9902109
Date Collected: NA
Date Received: NA
Date Extracted: NA
Date Analyzed: 7/21-30/99

Matrix Spike Summary
Inorganic Parameters

Sample Name: Batch QC
Lab Code: Batch QC

Analyte	Units	EPA Method	MRL	Spike Level	Sample Result	Spiked Sample Result	Percent Recovery	CAS Percent Recovery Acceptance
								Limits
Nitrate as Nitrogen	mg/L (ppm)	300.0	0.2	5	U	4.51	90.2	75-125
Phosphorus, Total	mg/L (ppm)	365.3	0.01	0.5	1.6	2.05	90	75-125
TOC	mg/L (ppm)	415.1	1.0	20	20.5	41.4	104.5	75-125

U Not detected at or above the MRL.

Approved By: Maith Manti Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

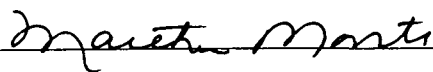
Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Water

Service Request: J9902109
Date Collected: NA
Date Received: NA
Date Analyzed: 7/21-30/99

Laboratory Control Sample Summary
Inorganic Parameters

Analyte	Units	EPA Method	TRUE Value	Result	Percent Recovery	CAS
						Percent Recovery Acceptance Limits
BOD	mg/L (ppm)	405.1	240	220	92	80-120
COD	mg/L (ppm)	410.2	85.8	90.9	106	80-120
Nitrate as Nitrogen	mg/L (ppm)	300.0	10	10.2	102	75-125
Phosphorus, Total	mg/L (ppm)	365.3	0.5	0.47	94	75-125
Solids, Total Dissolved	mg/L (ppm)	160.1	300	292	97	80-120
Solids, Total Suspended	mg/L (ppm)	160.2	80	82	103	80-120
TOC	mg/L (ppm)	415.1	141	137	97	75-125

Approved By:



Date:

8/16/95

Cooler Receipt and Preservation Form

Client: Trail Ridge Landfill, Inc. Work order: J9902109

Project: Trail Ridge / Second Semiannual Monitoring Event 1999

Cooler received on 7/21/99 1515 and opened on 7/21/99 1515 by JMG

	<u>Yes</u>	<u>No</u>	<u>N/A</u>
1 Were custody seals on outside of cooler?	☐	☒	☐
If yes, how many and where?			☒
Were signature and date correct?	☐	☐	☒
2 Were custody papers properly filled out (ink, signed, etc....)?	☒	☐	☐
3 Did all bottles arrive in good condition (unbroken, etc....)?	☒	☐	☐
4 Were all bottle labels correct (analysis, preservation, etc....)?	☒	☐	☐
5 Did all bottle labels and tags agree with custody papers?	☒	☐	☐
6 Were correct bottles used for test indicated?	☒	☐	☐
7 Were VOA vials checked for absence of air bubbles, and noted?	☒	☐	☐
8 Temperature of cooler upon receipt	4 Degrees C		

Explain any discrepancies:

		Yes	No
pH	Reagent		
12	NaOH		
2	HNO ₃	X	
2	H ₂ SO ₄	X	

Yes = all samples OK

No = Samples were preserved at lab as listed

Comments:

[illegible]



DATE 4-6-79 PAGE _____

FO

DISTRIBUTION: WHITE - return to originator; YELLOW - lab; PINK - retained by originator

FIELD INFORMATION FORM

Site #
 Bottle Set:
 Sample Point: R SW-1
 Source Code

Trail Ridge

PURGE DATE (YY MM DD) 99 02 21 START PURGE (2400 Hr Clock) ELAPSED HRS WATER VOL. IN CASING (Gallons) ACTUAL VOLUME PURGED (Gallons)

PURG & SAMPLING EQUIP

Purging Equipment Dedicated Y N Sampling Equipment Dedicated Y N

Purging Device	<u> </u> A-Submersible Pump	D-Gas Lift Pump	G-Bailer	X- <u> </u>
Sampling Device	<u> </u> B-Peristaltic Pump	E-Venturi Pump	H-Scoop/Shovel	X- <u> </u>
	<u> </u> C-Bladder Pump	F-Dipper/Bottle	I-Piston Pump	X- <u> </u>
Purging Material	<u> </u> A-Teflon	C-Polypropylene	E-Polyethylene	X- <u> </u>
Sampling Material	<u>X</u> B-Stainless Steel	D-PVC		X- <u> </u>
Tubing-Purging	<u> </u> A-Teflon	D-Polypropylene	F-Silicon	X- <u> </u>
Tubing-Sampling	<u> </u> B-Tygon	E-Polyethylene	G-Combination teflon/	X- <u> </u>
	<u> </u> C-Rope X- <u> </u>		Polypropylene	X- <u> </u>
Filtering Devices 0.45 μ	<u> </u> A-In-line Disposable	B-Pressure	C-Vacuum	

FIELD MEASUREMENTS

Well Elevation	<u> </u> (ft/msl)	Land Surface Elevation	<u> </u> (ft/msl)
Depth to water From top of well casing	<u> </u> (ft)	Depth to water From land surface	<u> </u> (ft)
Groundwater Elevation	<u> </u> (ft/msl)	Groundwater Elevation	<u> </u> (ft/msl)
Well Depth	<u> </u> (ft)	Stickup	<u> </u> (ft)

1st <u>6.78</u> (STD) <u> </u> μ m/cm at 25° C	1st <u>245</u> μ m/cm at 25° C	Sample Temp. <u>25.1</u> (° C)
2nd <u> </u> (STD) <u> </u> μ m/cm at 25° C	2nd <u> </u> μ m/cm at 25° C	<u>Turb</u> <u>2.61</u> <u>NTU</u>
3rd <u> </u> (STD) <u> </u> μ m/cm at 25° C	3rd <u> </u> μ m/cm at 25° C	<u>DO</u> <u>4.2</u> <u>mg/L</u>
4th <u> </u> (STD) <u> </u> μ m/cm at 25° C	4th <u> </u> μ m/cm at 25° C	<u> </u> <u> </u> <u> </u>

Sample Appearance: CLEAR (if applicable) Odor: NONE Color: NONE Turbidity: LOW
 Weather Conditions: Wind Speed CALM Direction VAR Precipitation Y/N N Outlook HAZY 90°F
 Specific Comments:

FIELD COMMENTS

245 COND! 2.45 x 100 = 245 U.S. Show = None
 I certify that sampling procedures were in accordance with applicable EPA, State and WMI protocols.
7/1/99 Employer: Pro-Tech

FIELD INFORMATION FORM

Site #

Bottle
Set:Sample
Point:

Source Code

TRAIL RIDGE

PURGE
INFO

990721

PURGE DATE
(YY MM DD)START PURGE
(2400 Hr Clock)

ELAPSED HRS

WATER VOL. IN CASING
(Gallons)ACTUAL VOLUME PURGED
(Gallons)

PURG & SAMPLING EQUIP

Purging Equipment Dedicated ☒ Y ☐ NSampling Equipment Dedicated ☒ Y ☐ N

Purging Device	☐ A-Submersible Pump	☐ D-Gas Lift Pump	☐ G-Bailer	X- _____ PURGING OTHER (SPECIFY)
Sampling Device	☒ B-Peristaltic Pump	☐ E-Venturi Pump	☐ H-Scoop/Shovel	X- _____ SAMPLING OTHER (SPECIFY)
	☐ C-Bladder Pump	☐ F-Dipper/Bottle	☐ I-Piston Pump	
Purging Material	☐ A-Teflon	☐ C-Polypropylene	☐ E-Polyethylene	X- _____ PURGING OTHER (SPECIFY)
Sampling Material	☒ B-Stainless Steel	☐ D-PVC		X- <u>Sample Bottle</u> SAMPLING OTHER (SPECIFY)
Tubing-Purging	☐ A-Teflon	☐ D-Polypropylene	☐ F-Silicon	X- _____ PURGING OTHER (SPECIFY)
Tubing-Sampling	☐ B-Tygon	☐ E-Polyethylene	☐ G-Combination teflon/ Polypropylene	X- _____ SAMPLING OTHER (SPECIFY)
Filtering Devices 0.45 μ :	☐ A-In-line Disposable	☐ B-Pressure	☐ C-Vacuum	

FIELD MEASUREMENTS

Well Elevation	☐ (ft/msl)	Land Surface Elevation	☐ (ft/msl)
Depth to water From top of well casing	☐ (ft)	Depth to water From land surface	☐ (ft)
Groundwater Elevation	☐ (ft/msl)	Groundwater Elevation	☐ (ft/msl)
Well Depth	☐ (ft)	Stickup	☐ (ft)

1st	☐ (STD)	1st	☐ μ m/cm at 25° C
2nd	☐ (STD)	2nd	☐ μ m/cm at 25° C
3rd	☐ (STD)	3rd	☐ μ m/cm at 25° C
4th	☐ (STD)	4th	☐ μ m/cm at 25° C

Sample Temp. ☐ 25.1 (°C)

☐ (other parameter)	☐ 2.52	☐ units
☐ (other parameter)	☐ 5.3	☐ units
☐ (other parameter)	☐	☐ units

Sample Appearance: CLEAR (if applicable) Odor: None Color: None Turbidity: LowWeather Conditions: Wind Speed Calm Direction Var Precipitation NO Outlook Hazy 90°F

Specific Comments: _____

FIELD COMMENTS

Spec Cond: $4.48 \times 10 = 44.8$

V. S. Shew = None

I certify that sampling procedures were in accordance with applicable EPA, State and WMI protocols.

7/21/99

(Signature)

Employer:

Pro-Tech

TRAIL RIDGE LANDFILL
LEACHATE MONITORING DATA

PART III ANALYTICAL RESULTS

Facility GMS #: 3116P02787 Sampling Date/Time: 07/21/99
 Site ID#: _____ Report Period: 1999
 (year/quarter)
 Well Name: LCS Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: () Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ (**X**) Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
observed	Field Odor	Well Wizard	N	Field	07/21/99	Odor	n/a	n/a	Field
00299	Oxygen, Dissolved (Field)	Well Wizard	N	Field	07/21/99	0.2	mg/l	n/a	Field
00400	Ph (Field)	Well Wizard	N	Field	07/21/99	7.41	n/a	n/a	Field
observed	Sheen, Visible	Well Wizard	N	Field	07/21/99	Yes	n/a	n/a	Field
00095	Specific Conductance(Field)	Well Wizard	N	Field	07/21/99	10350	umhos/cm	n/a	Field
00076	Turbidity (Field)	Well Wizard	N	Field	07/21/99	>200	NTU	n/a	Field
00010	Water Temperature in deg Celsius	Well Wizard	N	Field	07/21/99	32.1	Deg C	n/a	Field
49578	Nitrogen, Ammonia	Well Wizard	N	350.3	7/27/99 1330	702	mg/l	0.1	H2SO4 pH < 2
00620	Nitrogen, Nitrate	Well Wizard	N	300.0	7/21/99 2353	<10	mg/l	10	cool to 4 C
70304	Solids, Total Dissolved	Well Wizard	N	160.1	7/23/99 1740	6200	mg/l	10	cool to 4 C
01097	Antimony - Total	Well Wizard	N	204.2	7/27-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
01098	Arsenic - Total	Well Wizard	N	206.2	7/27-8/13/99	0.59	mg/l	0.005	HNO3 to pH < 2
01099	Barium - Total	Well Wizard	N	208.1	7/27-8/13/99	2.6	mg/l	0.5	HNO3 to pH < 2
01012	Beryllium - Total	Well Wizard	N	210.2	7/27-8/13/99	<0.0020	mg/l	0.002	HNO3 to pH < 2
00449	Bicarbonate	Well Wizard	N	310.1	7/28/99 1100	4500	mg/L	5	cool to 4 C
01027	Cadmium - Total	Well Wizard	N	213.2	7/27-8/13/99	<0.010	mg/l	0.01	HNO3 to pH < 2
00940	Chloride	Well Wizard	N	300.0	7/21/99 2353	1250	mg/l	0.2	cool to 4 C
01034	Chromium - Total	Well Wizard	N	218.2	7/27-8/13/99	0.734	mg/l	0.005	HNO3 to pH < 2
01037	Cobalt - Total	Well Wizard	N	219.1	7/27-8/13/99	0.76	mg/l	0.05	HNO3 to pH < 2
01042	Copper - Total	Well Wizard	N	220.1	7/27-8/13/99	1.8	mg/l	0.05	HNO3 to pH < 2
01045	Iron - Total	Well Wizard	N	236.1	7/27-8/13/99	2900	mg/l	0.1	HNO3 to pH < 2
01051	Lead - Total	Well Wizard	N	239.2	7/27-8/13/99	0.11	mg/l	0.002	HNO3 to pH < 2
71900	Mercury - Total	Well Wizard	N	245.1	7/27-8/13/99	0.0057	mg/l	0.0005	HNO3 to pH < 2
01067	Nickel - Total	Well Wizard	N	249.1	7/27-8/13/99	1.1	mg/l	0.05	HNO3 to pH < 2
00214	Selenium - Total	Well Wizard	N	270.2	7/27-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00215	Silver - Total	Well Wizard	N	272.1	7/27-8/13/99	0.074	mg/l	0.025	HNO3 to pH < 2
00929	Sodium - Total	Well Wizard	N	273.1	7/27-8/13/99	1100	mg/l	0.5	HNO3 to pH < 2
01059	Thallium - Total	Well Wizard	N	279.2	7/27-8/13/99	0.045	mg/l	0.002	HNO3 to pH < 2
01087	Vanadium - Total	Well Wizard	N	286.2	7/27-8/13/99	0.706	mg/l	0.01	HNO3 to pH < 2
01092	Zinc - Total	Well Wizard	N	289.1	7/27-8/13/99	2.0	mg/l	0.05	HNO3 to pH < 2
81552	Acetone	Well Wizard	N	8260	07/23/99	<20000	ug/l	20000	HCl to pH < 2
34215	Acrylonitrile	Well Wizard	N	8260	07/23/99	<10000	ug/l	10000	HCl to pH < 2
34030	Benzene	Well Wizard	N	8260	07/23/99	<1000	ug/l	1000	HCl to pH < 2
73085	Bromochloromethane	Well Wizard	N	8260	07/23/99	<1000	ug/l	1000	HCl to pH < 2
32101	Bromodichloromethane	Well Wizard	N	8260	07/23/99	<1000	ug/l	1000	HCl to pH < 2
32104	Bromoform	Well Wizard	N	8260	07/23/99	<1000	ug/l	1000	HCl to pH < 2
34413	Bromomethane	Well Wizard	N	8260	07/23/99	<1000	ug/l	1000	HCl to pH < 2

PART III ANALYTICAL RESULTS

City GMS #: 3116P02787 Sampling Date/Time: 07/21/99
 Test Site ID#: _____ Report Period: 1999
 (year/quarter)
 Well Name: LCS Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: () Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ (X) Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
81348	2-Butanone	Well Wizard	N	8260	7/23/99	190000	ug/l	10000	HCl to pH < 2
77041	Carbon Disulfide	Well Wizard	N	8260	07/23/99	<10000	ug/l	10000	HCl to pH < 2
32102	Carbon Tetrachloride	Well Wizard	N	8260	07/23/99	<1000	ug/l	1000	HCl to pH < 2
34301	Chlorobenzene	Well Wizard	N	8260	07/23/99	<1000	ug/l	1000	HCl to pH < 2
34311	Chloroethane	Well Wizard	N	8260	07/23/99	<1000	ug/l	1000	HCl to pH < 2
32106	Chloroform	Well Wizard	N	8260	07/23/99	<1000	ug/l	1000	HCl to pH < 2
34418	Chloromethane	Well Wizard	N	8260	07/23/99	<1000	ug/l	1000	HCl to pH < 2
32105	Dibromochloromethane	Well Wizard	N	8260	07/23/99	<1000	ug/l	1000	HCl to pH < 2
38760	1,2-Dibromo-3-Chloropropane	Well Wizard	N	8011	08/02/99	<0.04	ug/l	0.04	cool to 4 C
30203	1,2-Dibromoethane	Well Wizard	N	8011	08/02/99	<0.04	ug/l	0.04	cool to 4 C
30217	Dibromomethane	Well Wizard	N	8260	07/23/99	<1000	ug/l	1000	HCl to pH < 2
34571	1,2-Dichlorobenzene	Well Wizard	N	8260	07/23/99	<1000	ug/l	1000	HCl to pH < 2
77041	1,4-Dichlorobenzene	Well Wizard	N	8260	07/23/99	<1000	ug/l	1000	HCl to pH < 2
34496	Trans-1, 4-Dichloro-2-Butene	Well Wizard	N	8260	07/23/99	<10000	ug/l	10000	HCl to pH < 2
34496	1,1-Dichloroethane	Well Wizard	N	8260	07/23/99	<1000	ug/l	1000	HCl to pH < 2
34531	1,2-Dichloroethane	Well Wizard	N	8260	07/23/99	<1000	ug/l	1000	HCl to pH < 2
34501	1,1-Dichloroethene	Well Wizard	N	8260	07/23/99	<1000	ug/l	1000	HCl to pH < 2
77093	Cis-1,2-Dichloroethene	Well Wizard	N	8260	07/23/99	<1000	ug/l	1000	HCl to pH < 2
34546	Trans-1, 2-Dichloroethene	Well Wizard	N	8260	07/23/99	<1000	ug/l	1000	HCl to pH < 2
77443	1,2-Dichloropropane	Well Wizard	N	8260	07/23/99	<1000	ug/l	1000	HCl to pH < 2
34561	Cis-1, 3-Dichloropropene	Well Wizard	N	8260	07/23/99	<1000	ug/l	1000	HCl to pH < 2
34699	Trans-1, 3-Dichloropropene	Well Wizard	N	8260	07/23/99	<1000	ug/l	1000	HCl to pH < 2
34371	Ethylbenzene	Well Wizard	N	8260	07/23/99	<1000	ug/l	1000	HCl to pH < 2
77103	2-Hexanone	Well Wizard	N	8260	07/23/99	<10000	ug/l	10000	HCl to pH < 2
77424	Iodomethane	Well Wizard	N	8260	07/23/99	<10000	ug/l	10000	HCl to pH < 2
34423	Methylene Chloride	Well Wizard	N	8260	07/23/99	<5000	ug/l	5000	HCl to pH < 2
77113	4-Methyl-2-Pentanone	Well Wizard	N	8260	07/23/99	<10000	ug/l	10000	HCl to pH < 2
77128	Styrene	Well Wizard	N	8260	07/23/99	<1000	ug/l	1000	HCl to pH < 2
77562	1,1,1,2-Tetrachloroethane	Well Wizard	N	8260	07/23/99	<1000	ug/l	1000	HCl to pH < 2
34516	1,1,2,2-Tetrachloroethane	Well Wizard	N	8260	07/23/99	<1000	ug/l	1000	HCl to pH < 2
34475	Tetrachloroethene	Well Wizard	N	8260	07/23/99	<1000	ug/l	1000	HCl to pH < 2
34010	Toluene	Well Wizard	N	8260	07/23/99	<1000	ug/l	1000	HCl to pH < 2
34506	1,1,1-Trichloroethane	Well Wizard	N	8260	07/23/99	<1000	ug/l	1000	HCl to pH < 2
34511	1,1,2-Trichloroethane	Well Wizard	N	8260	07/23/99	<1000	ug/l	1000	HCl to pH < 2
39180	Trichloroethene	Well Wizard	N	8260	07/23/99	<1000	ug/l	1000	HCl to pH < 2
34488	Trichlorofluoromethane	Well Wizard	N	8260	07/23/99	<1000	ug/l	1000	HCl to pH < 2
77443	1,2,3-Trichloropropane	Well Wizard	N	8260	07/23/99	<1000	ug/l	1000	HCl to pH < 2
77057	Vinyl Acetate	Well Wizard	N	8260	07/23/99	<10000	ug/l	10000	HCl to pH < 2
34511	Vinyl Chloride	Well Wizard	N	8260	07/23/99	<1000	ug/l	1000	HCl to pH < 2
34511	Xylene (Total)	Well Wizard	N	8260	07/23/99	<2000	ug/l	2000	HCl to pH < 2

PART III ANALYTICAL RESULTS

Property GMS #:	3116P02787	Sampling Date/Time:	07/21/99
Test Site ID#:		Report Period:	1999
			(year/quarter)
Well Name:	LDSS	Well Purge (Y/N):	Y
Classification of Groundwater:	G-II	Well Type:	() Background
Ground Water Elevation (NGVD):			() Intermediate
or (MSL):			(X) Compliance
			() Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
observed	Field Odor	Well Wizard	N	Field	07/21/99	Yes	n/a	n/a	Field
00299	Oxygen, Dissolved (Field)	Well Wizard	N	Field	07/21/99	0.1	mg/l	n/a	Field
00400	Ph (Field)	Well Wizard	N	Field	07/21/99	7.63	n/a	n/a	Field
observed	Sheen, Visible	Well Wizard	N	Field	07/21/99	Yes	n/a	n/a	Field
00095	Specific Conductance(Field)	Well Wizard	N	Field	07/21/99	8800	umhos/cm	n/a	Field
00076	Turbidity (Field)	Well Wizard	N	Field	07/21/99	>200	NTU	n/a	Field
00010	Water Temperature in deg Celsius	Well Wizard	N	Field	07/21/99	31.4	Deg C	n/a	Field
49578	Nitrogen, Ammonia	Well Wizard	N	350.3	7/27/99 1330	455	mg/l	0.1	H2SO4 pH < 2
00620	Nitrogen, Nitrate	Well Wizard	N	300.0	7/21/99 2353	<10	mg/l	10	cool to 4 C
70304	Solids, Total Dissolved	Well Wizard	N	160.1	7/23/99 1740	5200	mg/l	10	cool to 4 C
01097	Antimony - Total	Well Wizard	N	204.2	7/27-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
01098	Arsenic - Total	Well Wizard	N	206.2	7/27-8/13/99	0.033	mg/l	0.005	HNO3 to pH < 2
01099	Barium - Total	Well Wizard	N	208.1	7/27-8/13/99	<0.5	mg/l	0.5	HNO3 to pH < 2
01012	Beryllium - Total	Well Wizard	N	210.2	7/27-8/13/99	<0.0020	mg/l	0.002	HNO3 to pH < 2
00449	Bicarbonate	Well Wizard	N	310.1	7/28/99 1100	2920	mg/L	5	cool to 4 C
01027	Cadmium - Total	Well Wizard	N	213.2	7/27-8/13/99	<0.0010	mg/l	0.001	HNO3 to pH < 2
00940	Chloride	Well Wizard	N	300.0	7/21/99 2353	1000	mg/l	0.2	cool to 4 C
01034	Chromium - Total	Well Wizard	N	218.2	7/27-8/13/99	0.069	mg/l	0.005	HNO3 to pH < 2
01037	Cobalt - Total	Well Wizard	N	219.1	7/27-8/13/99	0.09	mg/l	0.05	HNO3 to pH < 2
01042	Copper - Total	Well Wizard	N	220.1	7/27-8/13/99	<0.05	mg/l	0.05	HNO3 to pH < 2
01045	Iron - Total	Well Wizard	N	236.1	7/27-8/13/99	24	mg/l	0.1	HNO3 to pH < 2
01051	Lead - Total	Well Wizard	N	239.2	7/27-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
71900	Mercury - Total	Well Wizard	N	245.1	7/27-8/13/99	<0.0005	mg/l	0.0005	HNO3 to pH < 2
01067	Nickel - Total	Well Wizard	N	249.1	7/27-8/13/99	0.16	mg/l	0.05	HNO3 to pH < 2
00214	Selenium - Total	Well Wizard	N	270.2	7/27-8/13/99	<0.005	mg/l	0.005	HNO3 to pH < 2
00215	Silver - Total	Well Wizard	N	272.1	7/27-8/13/99	<0.025	mg/l	0.025	HNO3 to pH < 2
00929	Sodium - Total	Well Wizard	N	273.1	7/27-8/13/99	1000	mg/l	0.5	HNO3 to pH < 2
01059	Thallium - Total	Well Wizard	N	279.2	7/27-8/13/99	<0.002	mg/l	0.002	HNO3 to pH < 2
01087	Vanadium - Total	Well Wizard	N	286.2	7/27-8/13/99	0.045	mg/l	0.01	HNO3 to pH < 2
01092	Zinc - Total	Well Wizard	N	289.1	7/27-8/13/99	0.06	mg/l	0.05	HNO3 to pH < 2
81552	Acetone	Well Wizard	N	8260	07/23/99	1200	ug/l	200	HCl to pH < 2
34215	Acrylonitrile	Well Wizard	N	8260	07/23/99	<100	ug/l	100	HCl to pH < 2
34030	Benzene	Well Wizard	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
73085	Bromochloromethane	Well Wizard	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
32101	Bromodichloromethane	Well Wizard	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
32104	Bromoform	Well Wizard	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34413	Bromomethane	Well Wizard	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2

PART III ANALYTICAL RESULTS

Property GMS #: 3116P02787 Sampling Date/Time: 07/21/99
 Test Site ID#: _____ Report Period: 1999
 (year/quarter)
 Well Name: LDSS Well Purge (Y/N): Y
 Classification of Groundwater: G-II Well Type: () Background
 Ground Water Elevation (NGVD): _____ () Intermediate
 or (MSL): _____ (**X**) Compliance
 () Other

Storet Code	Parameter Monitoring	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result	Unit	Detection Limits	Preservatives Added
81348	2-Butanone	Well Wizard	N	8260	7/23/99	4600	ug/l	100	HCl to pH < 2
77041	Carbon Disulfide	Well Wizard	N	8260	07/23/99	<100	ug/l	100	HCl to pH < 2
32102	Carbon Tetrachloride	Well Wizard	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34301	Chlorobenzene	Well Wizard	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34311	Chloroethane	Well Wizard	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
32106	Chloroform	Well Wizard	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34418	Chloromethane	Well Wizard	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
32105	Dibromochloromethane	Well Wizard	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
38760	1,2-Dibromo-3-Chloropropane	Well Wizard	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30203	1,2-Dibromoethane	Well Wizard	N	8011	08/02/99	<0.02	ug/l	0.02	cool to 4 C
30217	Dibromomethane	Well Wizard	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34571	1,2-Dichlorobenzene	Well Wizard	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
73547	1,4-Dichlorobenzene	Well Wizard	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34496	Trans-1, 4-Dichloro-2-Butene	Well Wizard	N	8260	07/23/99	<100	ug/l	100	HCl to pH < 2
34496	1,1-Dichloroethane	Well Wizard	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34531	1,2-Dichloroethane	Well Wizard	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34501	1,1-Dichloroethene	Well Wizard	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77093	Cis-1,2-Dichloroethene	Well Wizard	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34546	Trans-1, 2-Dichloroethene	Well Wizard	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77443	1,2-Dichloropropane	Well Wizard	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34561	Cis-1, 3-Dichloropropene	Well Wizard	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34699	Trans-1, 3-Dichloropropene	Well Wizard	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34371	Ethylbenzene	Well Wizard	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77103	2-Hexanone	Well Wizard	N	8260	07/23/99	<100	ug/l	100	HCl to pH < 2
77424	Iodomethane	Well Wizard	N	8260	07/23/99	<100	ug/l	100	HCl to pH < 2
34423	Methylene Chloride	Well Wizard	N	8260	07/23/99	<50	ug/l	50	HCl to pH < 2
77113	4-Methyl-2-Pentanone	Well Wizard	N	8260	07/23/99	<100	ug/l	100	HCl to pH < 2
77128	Styrene	Well Wizard	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77562	1,1,1,2-Tetrachloroethane	Well Wizard	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34516	1,1,2,2-Tetrachloroethane	Well Wizard	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34475	Tetrachloroethene	Well Wizard	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34010	Toluene	Well Wizard	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34506	1,1,1-Trichloroethane	Well Wizard	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34511	1,1,2-Trichloroethane	Well Wizard	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
39180	Trichloroethene	Well Wizard	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
34488	Trichlorofluoromethane	Well Wizard	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77443	1,2,3-Trichloropropane	Well Wizard	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
77057	Vinyl Acetate	Well Wizard	N	8260	07/23/99	<100	ug/l	100	HCl to pH < 2
81561	Vinyl Chloride	Well Wizard	N	8260	07/23/99	<10	ug/l	10	HCl to pH < 2
81561	Xylene (Total)	Well Wizard	N	8260	07/23/99	<20	ug/l	20	HCl to pH < 2

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
 Project: Trail Ridge/2nd Semiannual Monitoring Event
 Sample Matrix: Leachate

Service Request: J9902110
 Date Collected: 7/21/99
 Date Received: 7/21/99
 Date Extracted: NA

RCRA, Subtitle D, 40 CFR Part 258, Appendix I
 Volatile Organic Compounds
 EPA Method 8260
 Units: µg/Kg (ppb)

Sample Name: LCS
 Lab Code: J9902110-01(a)
 Date Analyzed: 7/23/99

Analyte	MRL	
Acetone	20	20000U
Acrylonitrile	10	10000U
Benzene	1	1000U
Bromochloromethane	1	1000U
Bromodichloromethane	1	1000U
Bromoform (Tribromomethane)	1	1000U
Bromomethane	1	1000U
2-Butanone (MEK)	10	19000U
Carbon Disulfide	10	10000U
Carbon Tetrachloride	1	1000U
Chlorobenzene	1	1000U
Chloroethane (Ethyl Chloride)	1	1000U
Chloroform (Trichloromethane)	1	1000U
Chloromethane (Methyl Chloride)	1	1000U
Dibromochloromethane	1	1000U
1,2-Dibromo-3-chloropropane (DBCP)	10	10000U
1,2-Dibromoethane (EDB)	1	1000U
Dibromomethane (Methylene Bromide)	1	1000U
1,2-Dichlorobenzene	1	1000U
1,4-Dichlorobenzene	1	1000U
<i>trans</i> -+ <i>cis</i> -1,4-Dichloro-2-butene	10	10000U
1,1-Dichloroethane	1	1000U
1,2-Dichloroethane (EDC)	1	1000U
1,1-Dichloroethene	1	1000U
<i>cis</i> -1,2-Dichloroethene	1	1000U
<i>trans</i> -1,2-Dichloroethene	1	1000U
1,2-Dichloropropane	1	1000U
<i>cis</i> -1,3-Dichloropropene	1	1000U
<i>trans</i> -1,3-Dichloropropene	1	1000U
Ethylbenzene	1	1000U
2-Hexanone	10	10000U
Iodomethane (Methyl Iodide)	10	10000U
Methylene Chloride (Dichloromethane)	5	5000U
4-Methyl-2-Pentanone (MIBK)	10	10000U
Styrene	1	1000U

a MRL is elevated because the sample required diluting. Dilution factor: 1:1000

Approved By: Maech Maech

Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Leachate

Service Request: J9902110
Date Collected: 7/21/99
Date Received: 7/21/99
Date Extracted: NA

RCRA, Subtitle D, 40 CFR Part 258, Appendix I
Volatile Organic Compounds
EPA Method 8260
Units: µg/Kg (ppb)

Sample Name: LCS
Lab Code: J9902110-01(a)
Date Analyzed: 7/23/99

Analyte	MRL	
1,1,1,2-Tetrachloroethane	1	1000U
1,1,2,2-Tetrachloroethane	1	1000U
Tetrachloroethene (PCE)	1	1000U
Toluene	1	1000U
1,1,1-Trichloroethane (TCA)	1	1000U
1,1,2-Trichloroethane	1	1000U
Trichloroethene (TCE)	1	1000U
Trichlorofluoromethane (CFC 11)	1	1000U
1,2,3-Trichloropropane	1	1000U
Vinyl Acetate	10	10000U
Vinyl Chloride	1	1000U
Xylenes (total)	2	2000U

a MRL is elevated because the sample required diluting. Dilution factor: 1:1000

Approved By:

Maech Monte

Date:

8/16/95

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
 Project: Trail Ridge/2nd Semiannual Monitoring Event
 Sample Matrix: Leachate

Service Request: J9902110
 Date Collected: 7/21/99
 Date Received: 7/21/99
 Date Extracted: NA

RCRA, Subtitle D, 40 CFR Part 258, Appendix I
 Volatile Organic Compounds
 EPA Method 8260
 Units: µg/L (ppb)

Sample Name: LDSS Method Blank
 Lab Code: J9902110-02(a) J990722-MB
 Date Analyzed: 7/23/99 7/22/99

Analyte	MRL		
Acetone	20	1200	U
Acrylonitrile	10	100U	U
Benzene	1	10U	U
Bromochloromethane	1	10U	U
Bromodichloromethane	1	10U	U
Bromoform (Tribromomethane)	1	10U	U
Bromomethane	1	10U	U
2-Butanone (MEK)	10	4600	U
Carbon Disulfide	10	100U	U
Carbon Tetrachloride	1	10U	U
Chlorobenzene	1	10U	U
Chloroethane (Ethyl Chloride)	1	10U	U
Chloroform (Trichloromethane)	1	10U	U
Chloromethane (Methyl Chloride)	1	10U	U
Dibromochloromethane	1	10U	U
1,2-Dibromo-3-chloropropane (DBCP)	10	100U	U
1,2-Dibromoethane (EDB)	1	10U	U
Dibromomethane (Methylene Bromide)	1	10U	U
1,2-Dichlorobenzene	1	10U	U
1,4-Dichlorobenzene	1	10U	U
<i>trans</i> -+ <i>cis</i> -1,4-Dichloro-2-butene	10	100U	U
1,1-Dichloroethane	1	10U	U
1,2-Dichloroethane (EDC)	1	10U	U
1,1-Dichloroethene	1	10U	U
<i>cis</i> -1,2-Dichloroethene	1	10U	U
<i>trans</i> -1,2-Dichloroethene	1	10U	U
1,2-Dichloropropane	1	10U	U
<i>cis</i> -1,3-Dichloropropene	1	10U	U
<i>trans</i> -1,3-Dichloropropene	1	10U	U
Ethylbenzene	1	10U	U
2-Hexanone	10	100U	U
Iodomethane (Methyl Iodide)	10	100U	U
Methylene Chloride (Dichloromethane)	5	50U	U
4-Methyl-2-Pentanone (MIBK)	10	100U	U
Styrene	1	10U	U

a MRL is elevated because the sample required diluting. Dilution factor: 1:10

Approved By: Maitha Montes

Date: 8/10/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Leachate

Service Request: J9902110
Date Collected: 7/21/99
Date Received: 7/21/99
Date Extracted: NA

RCRA, Subtitle D, 40 CFR Part 258, Appendix I
Volatile Organic Compounds
EPA Method 8260
Units: µg/L (ppb)

Sample Name:	LDSS	Method Blank
Lab Code:	J9902110-02(a)	J990722-MB
Date Analyzed:	7/23/99	7/22/99

Analyte	MRL		
1,1,1,2-Tetrachloroethane	1	10U	U
1,1,2,2-Tetrachloroethane	1	10U	U
Tetrachloroethene (PCE)	1	10U	U
Toluene	1	10U	U
1,1,1-Trichloroethane (TCA)	1	10U	U
1,1,2-Trichloroethane	1	10U	U
Trichloroethene (TCE)	1	10U	U
Trichlorofluoromethane (CFC 11)	1	10U	U
1,2,3-Trichloropropane	1	10U	U
Vinyl Acetate	10	100U	U
Vinyl Chloride	1	10U	U
Xylenes (total)	2	20U	U

a MRL is elevated because the sample required diluting. Dilution factor: 1:10

Approved By: Marta Monte Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Leachate

Service Request: J9902110
Date Collected: 7/21/99
Date Received: 7/21/99
Date Extracted: 8/2/99

1,2-Dibromoethane (EDB) & 1,2-Dibromo-3-chloropropane (DBCP)
EPA Method 8011
Units: µg/Kg (ppb)

Sample Name: LCS
Lab Code: J9902110-01
Date Analyzed: 8/2/99

Analyte	MRL	
EDB	0.04	U
DBCP	0.04	U

U Not detected at or above the MRL.

Approved By: Maureen Montes Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Leachate

Service Request: J9902110
Date Collected: 7/21/99
Date Received: 7/21/99
Date Extracted: 8/2/99

1,2-Dibromoethane (EDB) & 1,2-Dibromo-3-chloropropane (DBCP)
EPA Method 8011
Units: µg/L (ppb)

Sample Name:	LDSS	Method Blank
Lab Code:	J9902110-02	J990802-MB
Date Analyzed:	8/2/99	8/2/99

Analyte	MRL		
EDB	0.02	U	U
DBCP	0.02	U	U

U Not detected at or above the MRL.

Approved By: Maitha Montu Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
 Project: Trail Ridge/2nd Semiannual Monitoring Event
 Sample Matrix: Leachate

Service Request: J990210
 Date Collected: 7/21/99
 Date Received: 7/21/99
 Date Extracted: 7/22/99

Total Metals
 Units: mg/L(ppm)

Sample Name:	LCS	LDSS	Method Blank
Lab Code:	J9902110-01	J9902110-02	J990722-MB
Date Analyzed:	7/27-8/13/99	7/27-8/13/99	7/27-8/13/99

Analyte	EPA Method	FL MCL	MRL			
Antimony	204.2	0.006	0.005	U	U	U
Arsenic	206.2	0.05	0.005	0.59	0.033	U
Barium	208.1	2	0.5	2.6	U	U
Beryllium	210.2	0.004	0.0020	U	U	U
Cadmium	213.2	0.005	0.0010	0.010U (a)	U	U
Chromium	6020	0.10	0.005	0.734	0.069	U
Cobalt	219.1	--	0.05	0.76	0.09	U
Copper	220.1	1	0.05	1.8	U	U
Iron	236.1	0.3	0.1	2900	24	U
Lead	239.2	0.015	0.002	0.11	U	U
Mercury	245.1	0.002	0.0005	0.0057	U	U
Nickel	249.1	0.10	0.05	1.1	0.16	U
Selenium	270.2	0.05	0.005	U	U	U
Silver	272.1	0.10	0.025	0.074	U	U
Sodium	273.1	160	0.5	1100	1000	U
Thallium	279.2	0.002	0.002	0.045	U	U
Vanadium	286.2	0.049	0.010	0.706	0.045	U
Zinc	289.1	5	0.05	2.0	0.06	U

U Not detected at or above the MRL.
 a MRL is elevated because of matrix interferences and because the sample required diluting.
 Dilution Factor: 10

Approved By: Maureen Morte Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Leachate

Service Request: J9902110
Date Collected: 7/21/99 1205
Date Received: 7/21/99
Date Extracted: NA

Inorganic Parameters

Sample Name: LCS LDSS Method Blank
Lab Code: J9902110-01 J9902110-02 J990721-MB

Analyte	Units	EPA Method	MRL	Date/Time Analyzed			
Ammonia as N	mg/L (ppm)	350.3	0.1	7/27/99 1330	702	455	U
Bicarbonate as CaCO ₃	mg/L (ppm)	310.1	5	7/28/99 1100	4500	2920	U
Chloride	mg/L (ppm)	300.0	10(a)	7/21/99 2353	1250	1000	U
Nitrate as Nitrogen	mg/L (ppm)	300.0	10(a)	7/21/99 2353	U	U	U
Solids, Total Dissolved	mg/L (ppm)	160.1	10	7/23/99 1740	6200	5200	U

U
a

Not detected at or above the MRL.
MRL is elevated because the sample required diluting. Dilution factor:

Approved By:

Date:

8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Leachate

Service Request: J9902110
Date Collected: NA
Date Received: NA
Date Extracted: NA
Date Analyzed: 7/22-23/99

Surrogate Recovery Summary
Volatile Organic Compounds
EPA Method 8260

Sample Name	Lab Code	P e r c e n t R e c o v e r y		
		Pentafluorobenzene	Toluene- <i>d</i> 8	4-Bromofluorobenzene
LCS	J9902110-01	94	106	98
LDSS	J9902110-02	95	108	92
Method Blank	J990722-MB	96	109	86
Laboratory Control Sample	J990722-LCS	90	101	96
Batch QC	J9902092-03MS	91	101	95
Batch QC	J9902092-03MSD	93	104	98

CAS Acceptance Limits: 83-117 81-119 72-128

Approved By: Martin Morley Date: 8/16/95

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Water

Service Request: J9902110
Date Collected: NA
Date Received: NA
Date Extracted: NA
Date Analyzed: 7/22/99

Matrix Spike/Duplicate Matrix Spike Summary
Volatile Organic Compounds
EPA Method 8260
Units: µg/L (ppb)

Sample Name: Batch QC
Lab Code: Batch QC

Percent Recovery

Analyte	Spike Level		Sample Result	Spike Result		Percent Recovery		EPA Acceptance Limits	Relative Percent Difference
	MS	DMS		MS	DMS	MS	DMS		
1,1-Dichloroethene	50	50	U	42	44	84	88	25-135	5
Benzene	50	50	U	44	47	88	94	32-136	7
Trichloroethene	50	50	U	38	40	76	80	28-134	5
Toluene	50	50	U	44	47	88	94	37-129	7
Chlorobenzene	50	50	U	42	45	84	90	34-133	7

Approved By:

Maitha Monte

Date:

8/16/95

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
LCS Matrix: Water

Service Request: J9902110
Date Collected: NA
Date Received: NA
Date Extracted: NA
Date Analyzed: 7/22/99

Laboratory Control Sample Summary
 Volatile Organic Compounds
 EPA Method 8260
 Units: µg/L (ppb)

Analyte	True Value	Result	Percent Recovery	EPA
				Percent Recovery Acceptance Limits
1,1-Dichloroethene	50	50	100	25-135
Benzene	50	53	106	32-136
Trichloroethene	50	45	90	28-134
Toluene	50	51	102	37-129
Chlorobenzene	50	51	102	34-133

Approved By: Mauch Monte Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Leachate

Service Request: J9902110
Date Collected: 7/21/99
Date Received: 7/21/99
Date Extracted: 8/2/99
Date Analyzed: 8/2/99

Surrogate Recovery Summary
1,2-Dibromoethane (EDB) & 1,2-Dibromo-3-chloropropane (DBCP)
EPA Method 8011

Sample Name	Lab Code	Percent Recovery Tetrachloro- <i>m</i> -xylene
LCS	J9902110-01	20
LDSS	J9902110-02	43
Method Blank	J990802-MB	110
Laboratory Control Sample	J990802-LCS	96
Batch QC	J9902108-21MS	83
Batch QC	J9902108-21DMS	81

CAS Acceptance Limits: 15-131

Approved By: Marta Monte Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902110
Date Collected: NA
Date Received: NA
Date Extracted: 8/2/99
Date Analyzed: 8/2/99

Matrix Spike/Duplicate Matrix Spike Summary
 1,2-Dibromoethane (EDB) & 1,2-Dibromo-3-chloropropane (DBCP)
 EPA Method 8011
 Units: µg/L (ppb)

Sample Name: Batch QC
Lab Code: Batch QC

Analyte	Percent Recovery									
	Spike Level		Sample Result	Spike Result				CAS	Relative	CAS RPD
	MS	DMS		MS	DMS	MS	DMS	Acceptance Limits	Percent Difference	Acceptance Limit
EDB	0.5	0.5	U	0.46	0.46	92	92	36-136	<1	30
DBCP	0.5	0.5	U	0.47	0.44	94	88	36-136	7	30

Approved By: Marta Monte Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
LCS Matrix: Water

Service Request: J9902110
Date Collected: NA
Date Received: NA
Date Extracted: 8/2/99
Date Analyzed: 8/2/99

Laboratory Control Sample Summary
1,2-Dibromoethane (EDB) & 1,2-Dibromo-3-chloropropane (DBCP)
EPA Method 8011
Units: µg/L (ppb)

Analyte	True Value	Result	Percent Recovery	CAS
				Percent Recovery Acceptance Limits
EDB	0.25	0.22	88	60-140
DBCP	0.25	0.25	100	60-140

The laboratory control sample is prepared using a standard obtained from EM Science (Lot No.A7080473) which is different than the source of the calibration standard.

Approved By: Maeth Monte Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Trail Ridge Landfill, Inc.
 Project: Trail Ridge/2nd Semiannual Monitoring Event
 Sample Matrix: Leachate

Service Request: J990210
 Date Collected: NA
 Date Received: NA
 Date Extracted: NA
 Date Analyzed: 7/27-8/13/99

Duplicate Matrix Spike Summary
 Total Metals
 Units: mg/L(ppm)

Sample Name: BatchQC
 Lab Code: BatchQC

Analyte	EPA Method	MRL	Sample Result	Duplicate Sample Result	Average	Relative Percent Difference	Result Note
Antimony	204.2	0.005	0.020	0.018	0.019	11	
Arsenic	206.2	0.005	0.019	0.018	0.018	5	
Barium	208.1	0.5	2.1	2.1	2.1	<1	
Beryllium	210.2	0.0020	0.0043	0.0043	0.0043	<1	
Cadmium	213.2	0.0010	0.0024	0.0023	0.0024	4	
Chromium	6020	0.005	0.0202	0.0175	0.0188	14	
Cobalt	219.1	0.05	2.0	2.0	2.0	<1	
Copper	220.1	0.05	2.1	2.1	2.1	<1	
Iron	236.1	0.1	2.1	2.1	2.1	<1	
Lead	239.2	0.002	0.021	0.020	0.020	5	
Mercury	245.1	0.0005	0.0050	0.0052	0.0051	4	
Nickel	249.1	0.05	2.0	2.0	2.0	<1	
Selenium	270.2	0.005	0.017	0.17	0.017	>1	
Silver	272.1	0.025	1.1	1.1	1.1	>1	
Sodium	273.1	0.5	16	16	16	>1	
Thallium	279.2	0.002	0.016	0.017	0.016	6	
Vanadium	286.2	0.010	0.0246	0.0215	0.0230	13	
Zinc	289.1	0.05	2.2	2.1	2.2	5	

U Not detected at or above the MRL.

Approved By: Maureen Monte Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Trail Ridge Landfill, Inc.
 Project: Trail Ridge/2nd Semiannual Monitoring Event
 Sample Matrix: Leachate

Service Request: J990210
 Date Collected: NA
 Date Received: NA
 Date Extracted: NA
 Date Analyzed: 7/27-8/13/99

Matrix Spike Summary
 Total Metals
 Units: mg/L(ppm)

Sample Name: BatchQC
 Lab Code: BatchQC

Analyte	EPA Method	MRL	Spike Level	Sample Result	Spiked Sample Result	Percent Recovery	CAS Percent Recovery	Result Note
							Acceptance Limits	
Antimony	204.2	0.005	0.020	U	0.020	100	60-130	
Arsenic	206.2	0.005	0.020	U	0.019	95	80-120	
Barium	208.1	0.5	2.0	U	2.1	105	80-120	
Beryllium	210.2	0.0020	0.0040	U	0.0043	108	80-120	
Cadmium	213.2	0.0010	0.0020	U	0.0024	120	80-120	
Chromium	6020	0.005	0.020	U	0.0202	101	80-125	
Cobalt	219.1	0.05	2.0	U	2.0	100	80-120	
Copper	220.1	0.05	2.0	U	2.1	105	80-120	
Iron	236.1	0.1	2.0	0.1	2.1	100	80-120	
Lead	239.2	0.002	0.020	U	0.021	105	80-120	
Mercury	245.1	0.0005	0.005	U	0.0050	100	80-120	
Nickel	249.1	0.05	2.0	U	2.0	100	80-120	
Selenium	270.2	0.005	0.020	U	0.017	85	70-120	
Silver	272.1	0.025	1.0	U	1.1	110	70-130	
Sodium	273.1	0.5	10	5.2	16	108	80-120	
Thallium	279.2	0.002	0.020	U	0.016	80	80-120	
Vanadium	286.2	0.010	0.025	U	0.0246	98	80-120	
Zinc	289.1	0.05	1.0	0.06	2.2	107	80-120	

U Not detected at or above the MRL.

Approved By: Marcia Monte Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

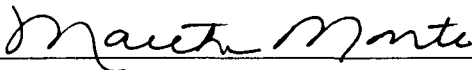
Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Water

Service Request: J990210
Date Collected: NA
Date Received: NA
Date Analyzed: 7/27-8/13/99

Laboratory Control Sample Summary
Total Metals
Units: mg/L(ppm)

Analyte	EPA Method	TRUE VALUE	Result	Percent Recovery	CAS
					Percent Recovery Acceptance Limits
Antimony	204.2	0.020	0.020	100	60-130
Arsenic	206.2	0.020	0.018	90	80-120
Barium	208.1	2.0	2.2	110	80-120
Beryllium	210.2	0.0040	0.0043	108	80-120
Cadmium	213.2	0.0020	0.0024	120	80-120
Chromium	6020	0.020	0.023	116	80-125
Cobalt	219.1	2.0	2.0	100	80-120
Copper	220.1	2.0	2.1	105	80-120
Iron	236.1	2.0	2.0	100	80-120
Lead	239.2	0.020	0.020	100	80-120
Mercury	245.1	0.0050	0.0050	100	80-120
Nickel	249.1	2.0	2.0	100	80-120
Selenium	270.2	0.020	0.019	95	70-120
Silver	272.1	1.0	1.1	110	70-130
Sodium	273.1	10	11	110	80-120
Thallium	279.2	0.020	0.017	85	80-120
Vanadium	286.2	0.025	0.0257	103	80-120
Zinc	289.1	2.0	2.1	105	80-120

Approved By:



Date:

8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Leachate

Service Request: J9902110
Date Collected: NA
Date Received: NA
Date Extracted: NA
Date Analyzed: 7/21-28/99

Duplicate Summary
Inorganic Parameters

Sample Name: Batch QC
Lab Code: Batch QC

Analyte	Units	EPA Method	MRL	Sample Result	Duplicate Sample Result	Average	Relative Percent Difference
Ammonia as N	mg/L (ppm)	350.3	0.1	U	U	U	<1
Chloride	mg/L (ppm)	300.0	0.2	0.55	0.53	0.54	3.70
Nitrate as Nitrogen	mg/L (ppm)	300.0	0.2	U	U	U	<1
Solids, Total Dissolved	mg/L (ppm)	160.1	10	1300	1300	1300	<1

U Not detected at or above the MRL.

Approved By: Marta Marti Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Leachate

Service Request: J9902110
Date Collected: NA
Date Received: NA
Date Extracted: NA
Date Analyzed: 7/21-28/99

**Matrix Spike Summary
Inorganic Parameters**

Sample Name: Batch QC
Lab Code: Batch QC

Analyte	Units	EPA Method	MRL	Spike Level	Sample Result	Spiked Sample Result	Percent Recovery	CAS Percent Recovery Acceptance Limits
Ammonia as N	mg/L (ppm)	350.3	0.1	5	U	5.04	100.8	75-125
Chloride	mg/L (ppm)	300.0	0.2	5	0.55	4.66	82.2	75-125
Nitrate as Nitrogen	mg/L (ppm)	300.0	0.2	5	U	4.51	90.2	75-125

U Not detected at or above the MRL.

Approved By: Maitha Mont Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

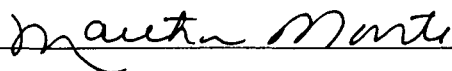
Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Water

Service Request: J9902110
Date Collected: NA
Date Received: NA
Date Analyzed: 7/21-28/99

Laboratory Control Sample Summary
Inorganic Parameters

Analyte	Units	EPA Method	TRUE Value	Result	Percent Recovery	CAS
						Percent Recovery Acceptance Limits
Ammonia as N	mg/L (ppm)	350.3	15.56	16.2	104	75-125
Chloride	mg/L (ppm)	300.0	10	10.6	106	75-125
Nitrate as Nitrogen	mg/L (ppm)	300.0	10	10.2	102	75-125
Solids, Total Dissolved	mg/L (ppm)	160.1	300	292	97	80-120

Approved By:



Date:

8/16/99

Cooler Receipt and Preservation Form

Client: Trail Ridge Landfill, Inc. Work order: J9902110

Project: Trail Ridge / Second Semiannual Monitoring Event 1999

Cooler received on 7/21/99 1515 and opened on 7/21/99 1515 by JMG

		<u>Yes</u>	<u>No</u>	<u>N/A</u>
1	Were custody seals on outside of cooler?	☐	☒	☐
	If yes, how many and where?			☒
	Were signature and date correct?	☐	☐	☒
2	Were custody papers properly filled out (ink, signed, etc....)?	☒	☐	☐
3	Did all bottles arrive in good condition (unbroken, etc....)?	☒	☐	☐
4	Were all bottle labels correct (analysis, preservation, etc....)?	☒	☐	☐
5	Did all bottle labels and tags agree with custody papers?	☒	☐	☐
6	Were correct bottles used for test indicated?	☒	☐	☐
7	Were VOA vials checked for absence of air bubbles, and noted?	☒	☐	☐
8	Temperature of cooler upon receipt	4 Degrees C		

Explain any discrepancies: Sample hand delivered by client.

Trip Blank not received

		Yes	No
pH	Reagent		
12	NaOH		
2	HNO ₃	X	
2	H ₂ SO ₄	X	

Yes = all samples OK

No = Samples were preserved at lab as listed

Comments:

[illegible]

[illegible]

DISTRIBUTION: WHITE - return to originator; YELLOW - lab; PINK - retained by originator

FIELD INFORMATION FORM

Site #

Bottle
Set:Sample
Point:

Source Code

TRAIL RIDGE

PURGE
INFO

940721

PURGE DATE
(YY MM DD)START PURGE
(2400 Hr Clock)

ELAPSED HRS

WATER VOL. IN CASINO
(Gallons)ACTUAL VOLUME PURGED
(Gallons)Purging Equipment Dedicated ☒ Y ☐ NSampling Equipment Dedicated ☒ Y ☐ NPurging Device ☐ A-Submersible Pump D-Gas Lift Pump G-Bailer X- PURGING OTHER (SPECIFY)Sampling Device ☒ F B-Peristaltic Pump E-Venturi Pump H-Scoop/Shovel X- SAMPLING OTHER (SPECIFY)

C-Bladder Pump

F-Dipper/Bottle

I-Piston Pump

Purging Material ☐ A-Teflon C-Polypropylene E-Polyethylene X- PURGING OTHER (SPECIFY)Sampling Material ☒ X B-Stainless Steel D-PVC X- SAMPLING OTHER (SPECIFY)Tubing-Purging ☐ A-Teflon D-Polypropylene F-Silicon X- PURGING OTHER (SPECIFY)Tubing-Sampling ☐ B-Tygon E-Polyethylene G-Combination teflon/
C-Rope X- Polypropylene X- SAMPLING OTHER (SPECIFY)Filtering Devices 0.45 μ ☐ A-In-line Disposable B-Pressure C-VacuumWell Elevation (ft/msl)Depth to water (ft)

From top of well casing

Groundwater Elevation (ft/msl)Well Depth (ft)1st (STD) μ m/cm at 25° C2nd (STD) μ m/cm at 25° C3rd (STD) μ m/cm at 25° C4th (STD) μ m/cm at 25° CSample Temp. (°C)Turb

(other parameter)

value

units

D.O.

(other parameter)

value

units

Sample Appearance: cloudy (If applicable) Odor: odor Color: LT. Brown Turbidity: TURBIDWeather Conditions: Wind Speed calm Direction VAR Precipitation Y/N NO Outlook Heavy 90°FSpecific Comments: LCS is a leachate composite sample fromTANKS #1 - #5.SPEC. COND: 10.35 x 1000 = 10350 Vis. Stem = YES

I certify that sampling procedures were in accordance with applicable EPA, State and WMI protocols.

7/21/99

(Date)

(Signature)

Employer: Pro-Tech

FIELD MEASUREMENTS

FIELD COMMENTS

Sample Point:

C	L	D	S	S		
---	---	---	---	---	--	--

Source Code

TRAIL RIDGE

9	9	0	7	2	1
---	---	---	---	---	---

PURGE DATE
(YY MM DD)

START PURGE
(2400 Hz Clock)



ELAPSED HRS

WATER VOL. IN CASING
(GAL/1000)

Purging EquipmentDedicated 

Sampling EquipmentDedicated  | N

Purging Device ☒ A-Submersible Pump D-Gas Lift Pump G-Bailer X-_____

Sampling Device ☒ F B-Peristaltic Pump ☐ E-Venturi Pump ☐ H-Scoop/Shovel ☒ X- SAMPLING OTHER (SPECIFY)
C-Bladder Pump ☐ F-Dipper/Bottle ☐ I-Piston Pump

Purging Material ☒ A-Teflon ☐ C-Polypropylene ☐ E-Polyethylene X-_____

Sampling Material ☒ B-Stainless Steel ☐ D-PVC ☒ Sampling Other (Specify) X-5000 B-10

Tubing-Purging ☒ A-Teflon ☐ D-Polypropylene ☐ F-Silicon ☐ X-_____

Tubing-Sampling B-Tygon E-Polyethylene G-Combination teflon/ X-_____ PURGING OTHER (SPECIFY)

Filtering Devices 0.45 μ : ☐ A-In-line Disposable ☐ B-Pressure ☐ C-Vacuum

Well Elevation (ft/msl) | Land Surface Elevation (ft/msl)

Depth to water
from top of well casing

Depth to water
From land surface

Groundwater Elevation  (ft/msl)

Well Depth (ft) Stickup (ft)

1st 763 (STD) 1st 8800 $\mu\text{m}/\text{cm}$ at 25° C Sample Temp. 31.4 (° C)

2nd  (STD)  $\mu\text{m/cm}$ at 25° C   

3rd  (STD)  3rd  $\mu\text{m}/\text{cm}$
at 25° C  (other parameter) value units

4th (STD) $\mu\text{m/cm}$ at 25° C

Sample Appearance: Cloudy (if applicable) Odor: ODOR Color: BLACK Turbidity: TURBID

Weather Conditions: Wind Speed calm Direction var Precipitation Y Outlook 1434 90°F

Specific Comments: LDSS IS A LEACHAGE SAMPLE FROM TANK #6

DATE: 01/01/2000 0800 V.I.S. Salem - 96

I certify that sampling procedures were in accordance with applicable EPA, State and WQA protocols.

(Date) 4/2-3/17 (Signature) [Signature] Employer: USA - USA

TRAIL RIDGE LANDFILL
GROUNDWATER MONITORING DATA
LABORATORY REPORTS

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902108
Date Collected: 7/20/99
Date Received: 7/21/99
Date Extracted: NA

RCRA, Subtitle D, 40 CFR Part 258, Appendix I
 Volatile Organic Compounds
 EPA Method 8260
 Units: µg/L (ppb)

Analyte	MRL	Sample Name:	MWB-29S	MWB-27I	MWB-27S
		Lab Code:	J9902108-01	J9902108-02	J9902108-03
		Date Analyzed:	7/22/99	7/22/99	7/22/99
Acetone	20		U	U	U
Acrylonitrile	10		U	U	U
Benzene	1		U	U	U
Bromochloromethane	1		U	U	U
Bromodichloromethane	1		U	U	U
Bromoform (Tribromomethane)	1		U	U	U
Bromomethane	1		U	U	U
2-Butanone (MEK)	10		U	U	U
Carbon Disulfide	10		U	U	U
Carbon Tetrachloride	1		U	U	U
Chlorobenzene	1		U	U	U
Chloroethane (Ethyl Chloride)	1		U	U	U
Chloroform (Trichloromethane)	1		U	U	U
Chloromethane (Methyl Chloride)	1		U	U	U
Dibromochloromethane	1		U	U	U
1,2-Dibromo-3-chloropropane (DBCP)	10		U	U	U
1,2-Dibromoethane (EDB)	1		U	U	U
Dibromomethane (Methylene Bromide)	1		U	U	U
1,2-Dichlorobenzene	1		U	U	U
1,4-Dichlorobenzene	1		U	U	U
trans-+cis-1,4-Dichloro-2-butene	10		U	U	U
1,1-Dichloroethane	1		U	U	U
1,2-Dichloroethane (EDC)	1		U	U	U
1,1-Dichloroethene	1		U	U	U
cis-1,2-Dichloroethene	1		U	U	U
trans-1,2-Dichloroethene	1		U	U	U
1,2-Dichloropropane	1		U	U	U
cis-1,3-Dichloropropene	1		U	U	U
trans-1,3-Dichloropropene	1		U	U	U
Ethylbenzene	1		U	U	U
2-Hexanone	10		U	U	U
Iodomethane (Methyl Iodide)	10		U	U	U
Methylene Chloride (Dichloromethane)	5		U	U	U
4-Methyl-2-Pentanone (MIBK)	10		U	U	U
Styrene	1		U	U	U

Approved By: Maureen Monte Date: 8/11/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902108
Date Collected: 7/20/99
Date Received: 7/21/99
Date Extracted: NA

RCRA, Subtitle D, 40 CFR Part 258, Appendix I
 Volatile Organic Compounds
 EPA Method 8260
 Units: µg/L (ppb)

Analyte	MRL	Sample Name:	MWB-29S	MWB-27I	MWB-27S
		Lab Code:	J9902108-01	J9902108-02	J9902108-03
		Date Analyzed:	7/22/99	7/22/99	7/22/99
1,1,1,2-Tetrachloroethane	1		U	U	U
1,1,2,2-Tetrachloroethane	1		U	U	U
Tetrachloroethene (PCE)	1		U	U	U
Toluene	1		U	U	U
1,1,1-Trichloroethane (TCA)	1		U	U	U
1,1,2-Trichloroethane	1		U	U	U
Trichloroethene (TCE)	1		U	U	U
Trichlorofluoromethane (CFC 11)	1		U	U	U
1,2,3-Trichloropropane	1		U	U	U
Vinyl Acetate	10		U	U	U
Vinyl Chloride	1		U	U	U
Xylenes (total)	2		U	U	U

Approved By: Marta Montero Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
 Project: Trail Ridge/2nd Semiannual Monitoring Event
 Sample Matrix: Ground Water

Service Request: J9902108
 Date Collected: 7/20/99
 Date Received: 7/21/99
 Date Extracted: NA

RCRA, Subtitle D, 40 CFR Part 258, Appendix I
 Volatile Organic Compounds
 EPA Method 8260
 Units: µg/L (ppb)

Sample Name:	MWB-21S	MWB-12D	MWB-12I
Lab Code:	J9902108-04	J9902108-05	J9902108-06
Date Analyzed:	7/22/99	7/22/99	7/22/99

Analyte	MRL			
Acetone	20	U	U	U
Acrylonitrile	10	U	U	U
Benzene	1	U	U	U
Bromochloromethane	1	U	U	U
Bromodichloromethane	1	U	U	U
Bromoform (Tribromomethane)	1	U	U	U
Bromomethane	1	U	U	U
2-Butanone (MEK)	10	U	U	U
Carbon Disulfide	10	U	U	U
Carbon Tetrachloride	1	U	U	U
Chlorobenzene	1	U	U	U
Chloroethane (Ethyl Chloride)	1	U	U	U
Chloroform (Trichloromethane)	1	U	U	U
Chloromethane (Methyl Chloride)	1	U	U	U
Dibromochloromethane	1	U	U	U
1,2-Dibromo-3-chloropropane (DBCP)	10	U	U	U
1,2-Dibromoethane (EDB)	1	U	U	U
Dibromomethane (Methylene Bromide)	1	U	U	U
1,2-Dichlorobenzene	1	U	U	U
1,4-Dichlorobenzene	1	U	U	U
trans-+cis-1,4-Dichloro-2-butene	10	U	U	U
1,1-Dichloroethane	1	U	U	U
1,2-Dichloroethane (EDC)	1	U	U	U
1,1-Dichloroethene	1	U	U	U
cis-1,2-Dichloroethene	1	U	U	U
trans-1,2-Dichloroethene	1	U	U	U
1,2-Dichloropropane	1	U	U	U
cis-1,3-Dichloropropene	1	U	U	U
trans-1,3-Dichloropropene	1	U	U	U
Ethylbenzene	1	U	U	U
2-Hexanone	10	U	U	U
Iodomethane (Methyl Iodide)	10	U	U	U
Methylene Chloride (Dichloromethane)	5	U	U	U
4-Methyl-2-Pentanone (MIBK)	10	U	U	U
Styrene	1	U	U	U

Approved By:

Maureen North

Date:

8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902108
Date Collected: 7/20/99
Date Received: 7/21/99
Date Extracted: NA

RCRA, Subtitle D, 40 CFR Part 258, Appendix I
Volatile Organic Compounds
EPA Method 8260
Units: µg/L (ppb)

Analyte	MRL	Sample Name:	MWB-21S	MWB-12D	MWB-12I
		Lab Code:	J9902108-04	J9902108-05	J9902108-06
		Date Analyzed:	7/22/99	7/22/99	7/22/99
1,1,1,2-Tetrachloroethane	1		U	U	U
1,1,2,2-Tetrachloroethane	1		U	U	U
Tetrachloroethene (PCE)	1		U	U	U
Toluene	1		U	U	U
1,1,1-Trichloroethane (TCA)	1		U	U	U
1,1,2-Trichloroethane	1		U	U	U
Trichloroethene (TCE)	1		U	U	U
Trichlorofluoromethane (CFC 11)	1		U	U	U
1,2,3-Trichloropropane	1		U	U	U
Vinyl Acetate	10		U	U	U
Vinyl Chloride	1		U	U	U
Xylenes (total)	2		U	U	U

Approved By:

Maureen Monte

Date:

8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
 Project: Trail Ridge/2nd Semiannual Monitoring Event
 Sample Matrix: Ground Water

Service Request: J9902108
 Date Collected: 7/20/99
 Date Received: 7/21/99
 Date Extracted: NA

RCRA, Subtitle D, 40 CFR Part 258, Appendix I
 Volatile Organic Compounds
 EPA Method 8260
 Units: µg/L (ppb)

Analyte	MRL	Sample Name:	MWB-12S	MWB-22S	MWB-13I
		Lab Code:	J9902108-07	J9902108-08	J9902108-09
		Date Analyzed:	7/22/99	7/22/99	7/23/99
Acetone	20		U	U	U
Acrylonitrile	10		U	U	U
Benzene	1		U	U	U
Bromochloromethane	1		U	U	U
Bromodichloromethane	1		U	U	U
Bromoform (Tribromomethane)	1		U	U	U
Bromomethane	1		U	U	U
2-Butanone (MEK)	10		U	U	U
Carbon Disulfide	10		U	U	U
Carbon Tetrachloride	1		U	U	U
Chlorobenzene	1		U	U	U
Chloroethane (Ethyl Chloride)	1		U	U	U
Chloroform (Trichloromethane)	1		U	U	U
Chloromethane (Methyl Chloride)	1		U	U	U
Dibromochloromethane	1		U	U	U
1,2-Dibromo-3-chloropropane (DBCP)	10		U	U	U
1,2-Dibromoethane (EDB)	1		U	U	U
Dibromomethane (Methylene Bromide)	1		U	U	U
1,2-Dichlorobenzene	1		U	U	U
1,4-Dichlorobenzene	1		U	U	U
<i>trans</i> -+ <i>cis</i> -1,4-Dichloro-2-butene	10		U	U	U
1,1-Dichloroethane	1		U	U	U
1,2-Dichloroethane (EDC)	1		U	U	U
1,1-Dichloroethene	1		U	U	U
<i>cis</i> -1,2-Dichloroethene	1		U	U	U
<i>trans</i> -1,2-Dichloroethene	1		U	U	U
1,2-Dichloropropane	1		U	U	U
<i>cis</i> -1,3-Dichloropropene	1		U	U	U
<i>trans</i> -1,3-Dichloropropene	1		U	U	U
Ethylbenzene	1		U	U	U
2-Hexanone	10		U	U	U
Iodomethane (Methyl Iodide)	10		U	U	U
Methylene Chloride (Dichloromethane)	5		U	U	U
4-Methyl-2-Pentanone (MIBK)	10		U	U	U
Styrene	1		U	U	U

Approved By:

Maith Monte

Date:

8/16/23

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902108
Date Collected: 7/20/99
Date Received: 7/21/99
Date Extracted: NA

RCRA, Subtitle D, 40 CFR Part 258, Appendix I
 Volatile Organic Compounds
 EPA Method 8260
 Units: µg/L (ppb)

Analyte	MRL	Sample Name:	MWB-12S	MWB-22S	MWB-13I
		Lab Code:	J9902108-07	J9902108-08	J9902108-09
		Date Analyzed:	7/22/99	7/22/99	7/23/99
1,1,1,2-Tetrachloroethane	1		U	U	U
1,1,2,2-Tetrachloroethane	1		U	U	U
Tetrachloroethene (PCE)	1		U	U	U
Toluene	1		U	U	U
1,1,1-Trichloroethane (TCA)	1		U	U	U
1,1,2-Trichloroethane	1		U	U	U
Trichloroethene (TCE)	1		U	U	U
Trichlorofluoromethane (CFC 11)	1		U	U	U
1,2,3-Trichloropropane	1		U	U	U
Vinyl Acetate	10		U	U	U
Vinyl Chloride	1		U	U	U
Xylenes (total)	2		U	U	U

Approved By: Maureen Monte Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
 Project: Trail Ridge/2nd Semiannual Monitoring Event
 Sample Matrix: Ground Water

Service Request: J9902108
 Date Collected: 7/20/99
 Date Received: 7/21/99
 Date Extracted: NA

RCRA, Subtitle D, 40 CFR Part 258, Appendix I
 Volatile Organic Compounds
 EPA Method 8260
 Units: µg/L (ppb)

Analyte	MRL	Sample Name:	MWB-27D	MWB-11S	MWB-11I
		Lab Code:	J9902108-10	J9902108-11	J9902108-12
		Date Analyzed:	7/23/99	7/23/99	7/23/99
Acetone	20		U	U	U
Acrylonitrile	10		U	U	U
Benzene	1		U	U	U
Bromochloromethane	1		U	U	U
Bromodichloromethane	1		U	U	U
Bromoform (Tribromomethane)	1		U	U	U
Bromomethane	1		U	U	U
2-Butanone (MEK)	10		U	U	U
Carbon Disulfide	10		U	U	U
Carbon Tetrachloride	1		U	U	U
Chlorobenzene	1		U	U	U
Chloroethane (Ethyl Chloride)	1		U	U	U
Chloroform (Trichloromethane)	1		U	U	U
Chloromethane (Methyl Chloride)	1		U	U	U
Dibromochloromethane	1		U	U	U
1,2-Dibromo-3-chloropropane (DBCP)	10		U	U	U
1,2-Dibromoethane (EDB)	1		U	U	U
Dibromomethane (Methylene Bromide)	1		U	U	U
1,2-Dichlorobenzene	1		U	U	U
1,4-Dichlorobenzene	1		U	U	U
trans-+cis-1,4-Dichloro-2-butene	10		U	U	U
1,1-Dichloroethane	1		U	U	U
1,2-Dichloroethane (EDC)	1		U	U	U
1,1-Dichloroethene	1		U	U	U
cis-1,2-Dichloroethene	1		U	U	U
trans-1,2-Dichloroethene	1		U	U	U
1,2-Dichloropropane	1		U	U	U
cis-1,3-Dichloropropene	1		U	U	U
trans-1,3-Dichloropropene	1		U	U	U
Ethylbenzene	1		U	U	U
2-Hexanone	10		U	U	U
Iodomethane (Methyl Iodide)	10		U	U	U
Methylene Chloride (Dichloromethane)	5		U	U	U
4-Methyl-2-Pentanone (MIBK)	10		U	U	U
Styrene	1		U	U	U

Approved By:

Martin Monte

Date:

8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902108
Date Collected: 7/20/99
Date Received: 7/21/99
Date Extracted: NA

RCRA, Subtitle D, 40 CFR Part 258, Appendix I
 Volatile Organic Compounds
 EPA Method 8260
 Units: µg/L (ppb)

Analyte	MRL	Sample Name:	MWB-27D	MWB-11S	MWB-11I
		Lab Code:	J9902108-10	J9902108-11	J9902108-12
		Date Analyzed:	7/23/99	7/23/99	7/23/99
1,1,1,2-Tetrachloroethane	1		U	U	U
1,1,2,2-Tetrachloroethane	1		U	U	U
Tetrachloroethene (PCE)	1		U	U	U
Toluene	1		U	U	U
1,1,1-Trichloroethane (TCA)	1		U	U	U
1,1,2-Trichloroethane	1		U	U	U
Trichloroethene (TCE)	1		U	U	U
Trichlorofluoromethane (CFC 11)	1		U	U	U
1,2,3-Trichloropropane	1		U	U	U
Vinyl Acetate	10		U	U	U
Vinyl Chloride	1		U	U	U
Xylenes (total)	2		U	U	U

Approved By: Maith Morte Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902108
Date Collected: 7/20/99
Date Received: 7/21/99
Date Extracted: NA

RCRA, Subtitle D, 40 CFR Part 258, Appendix I
 Volatile Organic Compounds
 EPA Method 8260
 Units: µg/L (ppb)

Analyte	MRL	Sample Name:	MWB-20S	MWB-7D	MWB-7S
		Lab Code:	J9902108-13	J9902108-14	J9902108-15
		Date Analyzed:	7/23/99	7/23/99	7/23/99
Acetone	20		U	U	U
Acrylonitrile	10		U	U	U
Benzene	1		U	U	U
Bromochloromethane	1		U	U	U
Bromodichloromethane	1		U	U	U
Bromoform (Tribromomethane)	1		U	U	U
Bromomethane	1		U	U	U
2-Butanone (MEK)	10		U	U	U
Carbon Disulfide	10		U	U	U
Carbon Tetrachloride	1		U	U	U
Chlorobenzene	1		U	U	U
Chloroethane (Ethyl Chloride)	1		U	U	U
Chloroform (Trichloromethane)	1		U	U	U
Chloromethane (Methyl Chloride)	1		U	U	U
Dibromochloromethane	1		U	U	U
1,2-Dibromo-3-chloropropane (DBCP)	10		U	U	U
1,2-Dibromoethane (EDB)	1		U	U	U
Dibromomethane (Methylene Bromide)	1		U	U	U
1,2-Dichlorobenzene	1		U	U	U
1,4-Dichlorobenzene	1		U	U	U
<i>trans</i> -+ <i>cis</i> - 1,4-Dichloro-2-butene	10		U	U	U
1,1-Dichloroethane	1		U	U	U
1,2-Dichloroethane (EDC)	1		U	U	U
1,1-Dichloroethene	1		U	U	U
<i>cis</i> -1,2-Dichloroethene	1		U	U	U
<i>trans</i> - 1,2-Dichloroethene	1		U	U	U
1,2-Dichloropropane	1		U	U	U
<i>cis</i> -1,3-Dichloropropene	1		U	U	U
<i>trans</i> -1,3-Dichloropropene	1		U	U	U
Ethylbenzene	1		U	U	U
2-Hexanone	10		U	U	U
Iodomethane (Methyl Iodide)	10		U	U	U
Methylene Chloride (Dichloromethane)	5		U	U	U
4-Methyl-2-Pentanone (MIBK)	10		U	U	U
Styrene	1		U	U	U

Approved By:

Maith Monte

Date:

8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902108
Date Collected: 7/20/99
Date Received: 7/21/99
Date Extracted: NA

RCRA, Subtitle D, 40 CFR Part 258, Appendix I
Volatile Organic Compounds
EPA Method 8260
Units: µg/L (ppb)

Analyte	MRL	Sample Name:	MWB-20S	MWB-7D	MWB-7S
		Lab Code:	J9902108-13	J9902108-14	J9902108-15
		Date Analyzed:	7/23/99	7/23/99	7/23/99
1,1,1,2-Tetrachloroethane	1		U	U	U
1,1,2,2-Tetrachloroethane	1		U	U	U
Tetrachloroethene (PCE)	1		U	U	U
Toluene	1		U	U	U
1,1,1-Trichloroethane (TCA)	1		U	U	U
1,1,2-Trichloroethane	1		U	U	U
Trichloroethene (TCE)	1		U	U	U
Trichlorofluoromethane (CFC 11)	1		U	U	U
1,2,3-Trichloropropane	1		U	U	U
Vinyl Acetate	10		U	U	U
Vinyl Chloride	1		U	U	U
Xylenes (total)	2		U	U	U

Approved By: _____

Mauro Marti

Date: _____

8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
 Project: Trail Ridge/2nd Semiannual Monitoring Event
 Sample Matrix: Ground Water

Service Request: J9902108
 Date Collected: 7/20/99
 Date Received: 7/21/99
 Date Extracted: NA

RCRA, Subtitle D, 40 CFR Part 258, Appendix I
 Volatile Organic Compounds
 EPA Method 8260
 Units: µg/L (ppb)

Sample Name:	MWB-7I	MWB-19D	MWB-19I
Lab Code:	J9902108-16	J9902108-17	J9902108-18
Date Analyzed:	7/23/99	7/23/99	7/23/99

Analyte	MRL			
Acetone	20	U	U	U
Acrylonitrile	10	U	U	U
Benzene	1	U	U	U
Bromochloromethane	1	U	U	U
Bromodichloromethane	1	U	U	U
Bromoform (Tribromomethane)	1	U	U	U
Bromomethane	1	U	U	U
2-Butanone (MEK)	10	U	U	U
Carbon Disulfide	10	U	U	U
Carbon Tetrachloride	1	U	U	U
Chlorobenzene	1	U	U	U
Chloroethane (Ethyl Chloride)	1	U	U	U
Chloroform (Trichloromethane)	1	U	U	U
Chloromethane (Methyl Chloride)	1	U	U	U
Dibromochloromethane	1	U	U	U
1,2-Dibromo-3-chloropropane (DBCP)	10	U	U	U
1,2-Dibromoethane (EDB)	1	U	U	U
Dibromomethane (Methylene Bromide)	1	U	U	U
1,2-Dichlorobenzene	1	U	U	U
1,4-Dichlorobenzene	1	U	U	U
trans- + cis- 1,4-Dichloro-2-butene	10	U	U	U
1,1-Dichloroethane	1	U	U	U
1,2-Dichloroethane (EDC)	1	U	U	U
1,1-Dichloroethene	1	U	U	U
cis- 1,2-Dichloroethene	1	U	U	U
trans- 1,2-Dichloroethene	1	U	U	U
1,2-Dichloropropane	1	U	U	U
cis- 1,3-Dichloropropene	1	U	U	U
trans- 1,3-Dichloropropene	1	U	U	U
Ethylbenzene	1	U	U	U
2-Hexanone	10	U	U	U
Iodomethane (Methyl Iodide)	10	U	U	U
Methylene Chloride (Dichloromethane)	5	U	U	U
4-Methyl-2-Pentanone (MIBK)	10	U	U	U
Styrene	1	U	U	U

Approved By:

Maureen Monte

Date:

8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902108
Date Collected: 7/20/99
Date Received: 7/21/99
Date Extracted: NA

RCRA, Subtitle D, 40 CFR Part 258, Appendix I
 Volatile Organic Compounds
 EPA Method 8260
 Units: µg/L (ppb)

Analyte	MRL	Sample Name:	MWB-7I	MWB-19D	MWB-19I
		Lab Code:	J9902108-16	J9902108-17	J9902108-18
		Date Analyzed:	7/23/99	7/23/99	7/23/99
1,1,1,2-Tetrachloroethane	1		U	U	U
1,1,2,2-Tetrachloroethane	1		U	U	U
Tetrachloroethene (PCE)	1		U	U	U
Toluene	1		U	U	U
1,1,1-Trichloroethane (TCA)	1		U	U	U
1,1,2-Trichloroethane	1		U	U	U
Trichloroethene (TCE)	1		U	U	U
Trichlorofluoromethane (CFC 11)	1		U	U	U
1,2,3-Trichloropropane	1		U	U	U
Vinyl Acetate	10		U	U	U
Vinyl Chloride	1		U	U	U
Xylenes (total)	2		U	U	U

Approved By: _____

Maureen Monte

Date: _____

8/13/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
 Project: Trail Ridge/2nd Semiannual Monitoring Event
 Sample Matrix: Ground Water

Service Request: J9902108
 Date Collected: 7/20/99
 Date Received: 7/21/99
 Date Extracted: NA

RCRA, Subtitle D, 40 CFR Part 258, Appendix I
 Volatile Organic Compounds
 EPA Method 8260
 Units: µg/L (ppb)

Analyte	MRL	Sample Name:	MWB-19S	MWB-17I	MWB-17S
		Lab Code:	J9902108-19	J9902108-20	J9902108-21
		Date Analyzed:	7/23/99	7/23/99	7/23/99
Acetone	20		U	U	U
Acrylonitrile	10		U	U	U
Benzene	1		U	U	U
Bromochloromethane	1		U	U	U
Bromodichloromethane	1		U	U	U
Bromoform (Tribromomethane)	1		U	U	U
Bromomethane	1		U	U	U
2-Butanone (MEK)	10		U	U	U
Carbon Disulfide	10		U	U	U
Carbon Tetrachloride	1		U	U	U
Chlorobenzene	1		U	U	U
Chloroethane (Ethyl Chloride)	1		U	U	U
Chloroform (Trichloromethane)	1		U	U	U
Chloromethane (Methyl Chloride)	1		U	U	U
Dibromochloromethane	1		U	U	U
1,2-Dibromo-3-chloropropane (DBCP)	10		U	U	U
1,2-Dibromoethane (EDB)	1		U	U	U
Dibromomethane (Methylene Bromide)	1		U	U	U
1,2-Dichlorobenzene	1		U	U	U
1,4-Dichlorobenzene	1		U	U	U
<i>trans</i> -+ <i>cis</i> - 1,4-Dichloro-2-butene	10		U	U	U
1,1-Dichloroethane	1		U	U	U
1,2-Dichloroethane (EDC)	1		U	U	U
1,1-Dichloroethene	1		U	U	U
<i>cis</i> -1,2-Dichloroethene	1		U	U	U
<i>trans</i> -1,2-Dichloroethene	1		U	U	U
1,2-Dichloropropane	1		U	U	U
<i>cis</i> -1,3-Dichloropropene	1		U	U	U
<i>trans</i> -1,3-Dichloropropene	1		U	U	U
Ethylbenzene	1		U	U	U
2-Hexanone	10		U	U	U
Iodomethane (Methyl Iodide)	10		U	U	U
Methylene Chloride (Dichloromethane)	5		U	U	U
4-Methyl-2-Pentanone (MIBK)	10		U	U	U
Styrene	1		U	U	U

Approved By:

Marcia Monte

Date:

8/13/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902108
Date Collected: 7/20/99
Date Received: 7/21/99
Date Extracted: NA

RCRA, Subtitle D, 40 CFR Part 258, Appendix I
 Volatile Organic Compounds
 EPA Method 8260
 Units: µg/L (ppb)

Analyte	MRL	Sample Name:	MWB-19S	MWB-17I	MWB-17S
		Lab Code:	J9902108-19	J9902108-20	J9902108-21
		Date Analyzed:	7/23/99	7/23/99	7/23/99
1,1,1,2-Tetrachloroethane	1		U	U	U
1,1,2,2-Tetrachloroethane	1		U	U	U
Tetrachloroethene (PCE)	1		U	U	U
Toluene	1		U	U	U
1,1,1-Trichloroethane (TCA)	1		U	U	U
1,1,2-Trichloroethane	1		U	U	U
Trichloroethene (TCE)	1		U	U	U
Trichlorofluoromethane (CFC 11)	1		U	U	U
1,2,3-Trichloropropane	1		U	U	U
Vinyl Acetate	10		U	U	U
Vinyl Chloride	1		U	U	U
Xylenes (total)	2		U	U	U

Approved By: _____

Maureen Morris

Date: _____

8/13/95

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902108
Date Collected: 7/20/99
Date Received: 7/21/99
Date Extracted: NA

RCRA, Subtitle D, 40 CFR Part 258, Appendix I
 Volatile Organic Compounds
 EPA Method 8260
 Units: µg/L (ppb)

Analyte	MRL	Sample Name:	DUP-01	MWB-17D	MWB-3S
		Lab Code:	J9902108-22	J9902108-23	J9902108-24
		Date Analyzed:	7/23/99	7/23/99	7/23/99
Acetone	20		U	U	U
Acrylonitrile	10		U	U	U
Benzene	1		U	U	U
Bromochloromethane	1		U	U	U
Bromodichloromethane	1		U	U	U
Bromoform (Tribromomethane)	1		U	U	U
Bromomethane	1		U	U	U
2-Butanone (MEK)	10		U	U	U
Carbon Disulfide	10		U	U	U
Carbon Tetrachloride	1		U	U	U
Chlorobenzene	1		U	U	U
Chloroethane (Ethyl Chloride)	1		U	U	U
Chloroform (Trichloromethane)	1		U	U	U
Chloromethane (Methyl Chloride)	1		U	U	U
Dibromochloromethane	1		U	U	U
1,2-Dibromo-3-chloropropane (DBCP)	10		U	U	U
1,2-Dibromoethane (EDB)	1		U	U	U
Dibromomethane (Methylene Bromide)	1		U	U	U
1,2-Dichlorobenzene	1		U	U	U
1,4-Dichlorobenzene	1		U	U	U
<i>trans</i> -+ <i>cis</i> -1,4-Dichloro-2-butene	10		U	U	U
1,1-Dichloroethane	1		U	U	U
1,2-Dichloroethane (EDC)	1		U	U	U
1,1-Dichloroethene	1		U	U	U
<i>cis</i> -1,2-Dichloroethene	1		U	U	U
<i>trans</i> -1,2-Dichloroethene	1		U	U	U
1,2-Dichloropropane	1		U	U	U
<i>cis</i> -1,3-Dichloropropene	1		U	U	U
<i>trans</i> -1,3-Dichloropropene	1		U	U	U
Ethylbenzene	1		U	U	U
2-Hexanone	10		U	U	U
Iodomethane (Methyl Iodide)	10		U	U	U
Methylene Chloride (Dichloromethane)	5		U	U	U
4-Methyl-2-Pentanone (MIBK)	10		U	U	U
Styrene	1		U	U	U

Approved By:

Maeth North

Date:

8/13/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902108
Date Collected: 7/20/99
Date Received: 7/21/99
Date Extracted: NA

RCRA, Subtitle D, 40 CFR Part 258, Appendix I
 Volatile Organic Compounds
 EPA Method 8260
 Units: µg/L (ppb)

Analyte	MRL	Sample Name:	DUP-01	MWB-17D	MWB-3S
		Lab Code:	J9902108-22	J9902108-23	J9902108-24
		Date Analyzed:	7/23/99	7/23/99	7/23/99
1,1,1,2-Tetrachloroethane	1		U	U	U
1,1,2,2-Tetrachloroethane	1		U	U	U
Tetrachloroethene (PCE)	1		U	U	U
Toluene	1		U	U	U
1,1,1-Trichloroethane (TCA)	1		U	U	U
1,1,2-Trichloroethane	1		U	U	U
Trichloroethene (TCE)	1		U	U	U
Trichlorofluoromethane (CFC 11)	1		U	U	U
1,2,3-Trichloropropane	1		U	U	U
Vinyl Acetate	10		U	U	U
Vinyl Chloride	1		U	U	U
Xylenes (total)	2		U	U	U

Approved By: Maeth Montu Date: 8/13/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

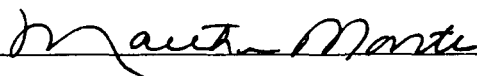
Service Request: J9902108
Date Collected: 7/20/99
Date Received: 7/21/99
Date Extracted: NA

RCRA, Subtitle D, 40 CFR Part 258, Appendix I
 Volatile Organic Compounds
 EPA Method 8260
 Units: µg/L (ppb)

Sample Name:	MWB-3I	MWB-31D	MWB-2S
Lab Code:	J9902108-25	J9902108-26	J9902108-27
Date Analyzed:	7/23/99	7/23/99	7/23/99

Analyte	MRL			
Acetone	20	U	U	U
Acrylonitrile	10	U	U	U
Benzene	1	U	U	U
Bromochloromethane	1	U	U	U
Bromodichloromethane	1	U	U	U
Bromoform (Tribromomethane)	1	U	U	U
Bromomethane	1	U	U	U
2-Butanone (MEK)	10	U	U	U
Carbon Disulfide	10	U	U	U
Carbon Tetrachloride	1	U	U	U
Chlorobenzene	1	U	U	U
Chloroethane (Ethyl Chloride)	1	U	U	U
Chloroform (Trichloromethane)	1	U	U	U
Chloromethane (Methyl Chloride)	1	U	U	U
Dibromochloromethane	1	U	U	U
1,2-Dibromo-3-chloropropane (DBCP)	10	U	U	U
1,2-Dibromoethane (EDB)	1	U	U	U
Dibromomethane (Methylene Bromide)	1	U	U	U
1,2-Dichlorobenzene	1	U	U	U
1,4-Dichlorobenzene	1	U	U	U
trans-+cis-1,4-Dichloro-2-butene	10	U	U	U
1,1-Dichloroethane	1	U	U	U
1,2-Dichloroethane (EDC)	1	U	U	U
1,1-Dichloroethene	1	U	U	U
cis-1,2-Dichloroethene	1	U	U	U
trans-1,2-Dichloroethene	1	U	U	U
1,2-Dichloropropane	1	U	U	U
cis-1,3-Dichloropropene	1	U	U	U
trans-1,3-Dichloropropene	1	U	U	U
Ethylbenzene	1	U	U	U
2-Hexanone	10	U	U	U
Iodomethane (Methyl Iodide)	10	U	U	U
Methylene Chloride (Dichloromethane)	5	U	U	U
4-Methyl-2-Pentanone (MIBK)	10	U	U	U
Styrene	1	U	U	U

Approved By:



Date:

8/13/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902108
Date Collected: 7/20/99
Date Received: 7/21/99
Date Extracted: NA

RCRA, Subtitle D, 40 CFR Part 258, Appendix I
Volatile Organic Compounds
EPA Method 8260
Units: µg/L (ppb)

	Sample Name:	MWB-3I	MWB-31D	MWB-2S
	Lab Code:	J9902108-25	J9902108-26	J9902108-27
	Date Analyzed:	7/23/99	7/23/99	7/23/99
Analyte	MRL			
1,1,1,2-Tetrachloroethane	1	U	U	U
1,1,2,2-Tetrachloroethane	1	U	U	U
Tetrachloroethene (PCE)	1	U	U	U
Toluene	1	U	U	U
1,1,1-Trichloroethane (TCA)	1	U	U	U
1,1,2-Trichloroethane	1	U	U	U
Trichloroethene (TCE)	1	U	U	U
Trichlorofluoromethane (CFC 11)	1	U	U	U
1,2,3-Trichloropropane	1	U	U	U
Vinyl Acetate	10	U	U	U
Vinyl Chloride	1	U	U	U
Xylenes (total)	2	U	U	U

Approved By: Maith Muth Date: 8/13/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902108
Date Collected: 7/20/99
Date Received: 7/21/99
Date Extracted: NA

RCRA, Subtitle D, 40 CFR Part 258, Appendix I
 Volatile Organic Compounds
 EPA Method 8260
 Units: µg/L (ppb)

Analyte	MRL	Sample Name:	MWB-2I	MWB-29I	DUP-02
		Lab Code:	J9902108-28	J9902108-29	J9902108-30
		Date Analyzed:	7/23/99	7/23/99	7/23/99
Acetone	20		U	U	U
Acrylonitrile	10		U	U	U
Benzene	1		U	U	U
Bromochloromethane	1		U	U	U
Bromodichloromethane	1		U	U	U
Bromoform (Tribromomethane)	1		U	U	U
Bromomethane	1		U	U	U
2-Butanone (MEK)	10		U	U	U
Carbon Disulfide	10		U	U	U
Carbon Tetrachloride	1		U	U	U
Chlorobenzene	1		U	U	U
Chloroethane (Ethyl Chloride)	1		U	U	U
Chloroform (Trichloromethane)	1		U	U	U
Chloromethane (Methyl Chloride)	1		U	U	U
Dibromochloromethane	1		U	U	U
1,2-Dibromo-3-chloropropane (DBCP)	10		U	U	U
1,2-Dibromoethane (EDB)	1		U	U	U
Dibromomethane (Methylene Bromide)	1		U	U	U
1,2-Dichlorobenzene	1		U	U	U
1,4-Dichlorobenzene	1		U	U	U
<i>trans</i> -+ <i>cis</i> - 1,4-Dichloro-2-butene	10		U	U	U
1,1-Dichloroethane	1		U	U	U
1,2-Dichloroethane (EDC)	1		U	U	U
1,1-Dichloroethene	1		U	U	U
<i>cis</i> - 1,2-Dichloroethene	1		U	U	U
<i>trans</i> - 1,2-Dichloroethene	1		U	U	U
1,2-Dichloropropane	1		U	U	U
<i>cis</i> - 1,3-Dichloropropene	1		U	U	U
<i>trans</i> - 1,3-Dichloropropene	1		U	U	U
Ethylbenzene	1		U	U	U
2-Hexanone	10		U	U	U
Iodomethane (Methyl Iodide)	10		U	U	U
Methylene Chloride (Dichloromethane)	5		U	U	U
4-Methyl-2-Pentanone (MIBK)	10		U	U	U
Styrene	1		U	U	U

Approved By: Maech Monte Date: 8/13/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902108
Date Collected: 7/20/99
Date Received: 7/21/99
Date Extracted: NA

RCRA, Subtitle D, 40 CFR Part 258, Appendix I
 Volatile Organic Compounds
 EPA Method 8260
 Units: µg/L (ppb)

Analyte	MRL	Sample Name:	MWB-2I	MWB-29I	DUP-02
		Lab Code:	J9902108-28	J9902108-29	J9902108-30
		Date Analyzed:	7/23/99	7/23/99	7/23/99
1,1,1,2-Tetrachloroethane	1		U	U	U
1,1,2,2-Tetrachloroethane	1		U	U	U
Tetrachloroethene (PCE)	1		U	U	U
Toluene	1		U	U	U
1,1,1-Trichloroethane (TCA)	1		U	U	U
1,1,2-Trichloroethane	1		U	U	U
Trichloroethene (TCE)	1		U	U	U
Trichlorofluoromethane (CFC 11)	1		U	U	U
1,2,3-Trichloropropane	1		U	U	U
Vinyl Acetate	10		U	U	U
Vinyl Chloride	1		U	U	U
Xylenes (total)	2		U	U	U

Approved By: Maechen Minter Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
 Project: Trail Ridge/2nd Semiannual Monitoring Event
 Sample Matrix: Ground Water

Service Request: J9902108
 Date Collected: 7/20/99
 Date Received: 7/21/99
 Date Extracted: NA

RCRA, Subtitle D, 40 CFR Part 258, Appendix I
 Volatile Organic Compounds
 EPA Method 8260
 Units: µg/L (ppb)

Sample Name:	MWB-29D	MWB-13S	Field Blank
Lab Code:	J9902108-31	J9902108-32	J9902108-33
Date Analyzed:	7/23/99	7/24/99	7/24/99

Analyte	MRL			
Acetone	20	U	U	U
Acrylonitrile	10	U	U	U
Benzene	1	U	U	U
Bromochloromethane	1	U	U	U
Bromodichloromethane	1	U	U	U
Bromoform (Tribromomethane)	1	U	U	U
Bromomethane	1	U	U	U
2-Butanone (MEK)	10	U	U	U
Carbon Disulfide	10	U	U	U
Carbon Tetrachloride	1	U	U	U
Chlorobenzene	1	U	U	U
Chloroethane (Ethyl Chloride)	1	U	U	U
Chloroform (Trichloromethane)	1	U	U	U
Chloromethane (Methyl Chloride)	1	U	U	U
Dibromochloromethane	1	U	U	U
1,2-Dibromo-3-chloropropane (DBCP)	10	U	U	U
1,2-Dibromoethane (EDB)	1	U	U	U
Dibromomethane (Methylene Bromide)	1	U	U	U
1,2-Dichlorobenzene	1	U	U	U
1,4-Dichlorobenzene	1	U	U	U
trans-+cis-1,4-Dichloro-2-butene	10	U	U	U
1,1-Dichloroethane	1	U	U	U
1,2-Dichloroethane (EDC)	1	U	U	U
1,1-Dichloroethene	1	U	U	U
cis-1,2-Dichloroethene	1	U	U	U
trans-1,2-Dichloroethene	1	U	U	U
1,2-Dichloropropane	1	U	U	U
cis-1,3-Dichloropropene	1	U	U	U
trans-1,3-Dichloropropene	1	U	U	U
Ethylbenzene	1	U	U	U
2-Hexanone	10	U	U	U
Iodomethane (Methyl Iodide)	10	U	U	U
Methylene Chloride (Dichloromethane)	5	U	U	U
4-Methyl-2-Pentanone (MIBK)	10	U	U	U
Styrene	1	U	U	U

Approved By:

Martha Monte

Date:

8/16/95

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902108
Date Collected: 7/20/99
Date Received: 7/21/99
Date Extracted: NA

RCRA, Subtitle D, 40 CFR Part 258, Appendix I
 Volatile Organic Compounds
 EPA Method 8260
 Units: µg/L (ppb)

	Sample Name:	MWB-29D	MWB-13S	Field Blank
	Lab Code:	J9902108-31	J9902108-32	J9902108-33
	Date Analyzed:	7/23/99	7/24/99	7/24/99
Analyte	MRL			
1,1,1,2-Tetrachloroethane	1	U	U	U
1,1,2,2-Tetrachloroethane	1	U	U	U
Tetrachloroethene (PCE)	1	U	U	U
Toluene	1	U	U	U
1,1,1-Trichloroethane (TCA)	1	U	U	U
1,1,2-Trichloroethane	1	U	U	U
Trichloroethene (TCE)	1	U	U	U
Trichlorofluoromethane (CFC 11)	1	U	U	U
1,2,3-Trichloropropane	1	U	U	U
Vinyl Acetate	10	U	U	U
Vinyl Chloride	1	U	U	U
Xylenes (total)	2	U	U	U

Approved By: Maeta Monte Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
 Project: Trail Ridge/2nd Semiannual Monitoring Event
 Sample Matrix: Ground Water

Service Request: J9902108
 Date Collected: 7/20/99
 Date Received: 7/21/99
 Date Extracted: NA

RCRA, Subtitle D, 40 CFR Part 258, Appendix I
 Volatile Organic Compounds
 EPA Method 8260
 Units: µg/L (ppb)

Analyte	MRL	Sample Name:	Trip	DUP-03	Method Blank
		Lab Code:	J9902108-34	J9902108-35	J990722-MB
		Date Analyzed:	7/24/99	7/24/99	7/22/99
Acetone	20		U	U	U
Acrylonitrile	10		U	U	U
Benzene	1		U	U	U
Bromochloromethane	1		U	U	U
Bromodichloromethane	1		U	U	U
Bromoform (Tribromomethane)	1		U	U	U
Bromomethane	1		U	U	U
2-Butanone (MEK)	10		U	U	U
Carbon Disulfide	10		U	U	U
Carbon Tetrachloride	1		U	U	U
Chlorobenzene	1		U	U	U
Chloroethane (Ethyl Chloride)	1		U	U	U
Chloroform (Trichloromethane)	1		U	U	U
Chloromethane (Methyl Chloride)	1		U	U	U
Dibromochloromethane	1		U	U	U
1,2-Dibromo-3-chloropropane (DBCP)	10		U	U	U
1,2-Dibromoethane (EDB)	1		U	U	U
Dibromomethane (Methylene Bromide)	1		U	U	U
1,2-Dichlorobenzene	1		U	U	U
1,4-Dichlorobenzene	1		U	U	U
trans-+cis- 1,4-Dichloro-2-butene	10		U	U	U
1,1-Dichloroethane	1		U	U	U
1,2-Dichloroethane (EDC)	1		U	U	U
1,1-Dichloroethene	1		U	U	U
cis- 1,2-Dichloroethene	1		U	U	U
trans- 1,2-Dichloroethene	1		U	U	U
1,2-Dichloropropane	1		U	U	U
cis-1,3-Dichloropropene	1		U	U	U
trans-1,3-Dichloropropene	1		U	U	U
Ethylbenzene	1		U	U	U
2-Hexanone	10		U	U	U
Iodomethane (Methyl Iodide)	10		U	U	U
Methylene Chloride (Dichloromethane)	5		U	U	U
4-Methyl-2-Pentanone (MIBK)	10		U	U	U
Styrene	1		U	U	U

Approved By:

Maureen Monte

Date:

8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902108
Date Collected: 7/20/99
Date Received: 7/21/99
Date Extracted: NA

RCRA, Subtitle D, 40 CFR Part 258, Appendix I
Volatile Organic Compounds
EPA Method 8260
Units: µg/L (ppb)

Analyte	MRL	Sample Name:	Trip	DUP-03	Method Blank
		Lab Code:	J9902108-34	J9902108-35	J990722-MB
		Date Analyzed:	7/24/99	7/24/99	7/22/99
1,1,1,2-Tetrachloroethane	1		U	U	U
1,1,2,2-Tetrachloroethane	1		U	U	U
Tetrachloroethene (PCE)	1		U	U	U
Toluene	1		U	U	U
1,1,1-Trichloroethane (TCA)	1		U	U	U
1,1,2-Trichloroethane	1		U	U	U
Trichloroethene (TCE)	1		U	U	U
Trichlorofluoromethane (CFC 11)	1		U	U	U
1,2,3-Trichloropropane	1		U	U	U
Vinyl Acetate	10		U	U	U
Vinyl Chloride	1		U	U	U
Xylenes (total)	2		U	U	U

Approved By: Maitha Monte Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902108
Date Collected: NA
Date Received: NA
Date Extracted: NA

RCRA, Subtitle D, 40 CFR Part 258, Appendix I
Volatile Organic Compounds
EPA Method 8260
Units: µg/L (ppb)

Sample Name: **Method Blank**
Lab Code: J990723-MB
Date Analyzed: 7/23/99

Analyte	MRL	
Acetone	20	U
Acrylonitrile	10	U
Benzene	1	U
Bromochloromethane	1	U
Bromodichloromethane	1	U
Bromoform (Tribromomethane)	1	U
Bromomethane	1	U
2-Butanone (MEK)	10	U
Carbon Disulfide	10	U
Carbon Tetrachloride	1	U
Chlorobenzene	1	U
Chloroethane (Ethyl Chloride)	1	U
Chloroform (Trichloromethane)	1	U
Chloromethane (Methyl Chloride)	1	U
Dibromochloromethane	1	U
1,2-Dibromo-3-chloropropane (DBCP)	10	U
1,2-Dibromoethane (EDB)	1	U
Dibromomethane (Methylene Bromide)	1	U
1,2-Dichlorobenzene	1	U
1,4-Dichlorobenzene	1	U
<i>trans</i> -+ <i>cis</i> -1,4-Dichloro-2-butene	10	U
1,1-Dichloroethane	1	U
1,2-Dichloroethane (EDC)	1	U
1,1-Dichloroethene	1	U
<i>cis</i> -1,2-Dichloroethene	1	U
<i>trans</i> -1,2-Dichloroethene	1	U
1,2-Dichloropropane	1	U
<i>cis</i> -1,3-Dichloropropene	1	U
<i>trans</i> -1,3-Dichloropropene	1	U
Ethylbenzene	1	U
2-Hexanone	10	U
Iodomethane (Methyl Iodide)	10	U
Methylene Chloride (Dichloromethane)	5	U
4-Methyl-2-Pentanone (MIBK)	10	U
Styrene	1	U

Approved By: Marta Montes Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902108
Date Collected: NA
Date Received: NA
Date Extracted: NA

RCRA, Subtitle D, 40 CFR Part 258, Appendix I
Volatile Organic Compounds
EPA Method 8260
Units: µg/L (ppb)

Sample Name: Method Blank
Lab Code: J990723-MB
Date Analyzed: 7/23/99

Analyte	MRL	
1,1,1,2-Tetrachloroethane	1	U
1,1,2,2-Tetrachloroethane	1	U
Tetrachloroethene (PCE)	1	U
Toluene	1	U
1,1,1-Trichloroethane (TCA)	1	U
1,1,2-Trichloroethane	1	U
Trichloroethene (TCE)	1	U
Trichlorofluoromethane (CFC 11)	1	U
1,2,3-Trichloropropane	1	U
Vinyl Acetate	10	U
Vinyl Chloride	1	U
Xylenes (total)	2	U

Approved By:

Maeth Montes

Date:

8/16/95

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902108
Date Collected: 7/20-21/99
Date Received: 7/21/99
Date Extracted: 8/2/99

1,2-Dibromoethane (EDB) & 1,2-Dibromo-3-chloropropane (DBCP)

EPA Method 8011

Units: µg/L (ppb)

Sample Name:	MWB-29S	MWB-27I	MWB-27S
Lab Code:	J9902108-01	J9902108-02	J9902108-03
Date Analyzed:	8/2/99	8/2/99	8/2/99

Analyte

MRL

EDB	0.02	U	U	U
DBCP	0.02	U	U	U

U Not detected at or above the MRL.

Approved By: Maeth Monts Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902108
Date Collected: 7/20-21/99
Date Received: 7/21/99
Date Extracted: 8/2/99

1,2-Dibromoethane (EDB) & 1,2-Dibromo-3-chloropropane (DBCP)
EPA Method 8011
Units: µg/L (ppb)

Sample Name:	MWB-21S	MWB-12D	MWB-12I
Lab Code:	J9902108-04	J9902108-05	J9902108-06
Date Analyzed:	8/2/99	8/2/99	8/2/99

Analyte	MRL			
EDB	0.02	U	U	U
DBCP	0.02	U	U	U

U Not detected at or above the MRL.

Approved By: Maeth Monte Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902108
Date Collected: 7/20-21/99
Date Received: 7/21/99
Date Extracted: 8/2/99

1,2-Dibromoethane (EDB) & 1,2-Dibromo-3-chloropropane (DBCP)
EPA Method 8011
Units: µg/L (ppb)

Sample Name:	MWB-12S	MWB-22S	MWB-13I
Lab Code:	J9902108-07	J9902108-08	J9902108-09
Date Analyzed:	8/2/99	8/2/99	8/2/99

Analyte	MRL			
EDB	0.02	U	U	U
DBCP	0.02	U	U	U

U Not detected at or above the MRL.

Approved By: Marta Monte Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902108
Date Collected: 7/20-21/99
Date Received: 7/21/99
Date Extracted: 8/2/99

1,2-Dibromoethane (EDB) & 1,2-Dibromo-3-chloropropane (DBCP)
EPA Method 8011
Units: µg/L (ppb)

Sample Name:	MWB-27D	MWB-11S	MWB-11I
Lab Code:	J9902108-10	J9902108-11	J9902108-12
Date Analyzed:	8/2/99	8/2/99	8/2/99

Analyte	MRL			
EDB	0.02	U	U	U
DBCP	0.02	U	U	U

U Not detected at or above the MRL.

Approved By: Maetha North Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902108
Date Collected: 7/20-21/99
Date Received: 7/21/99
Date Extracted: 8/2/99

1,2-Dibromoethane (EDB) & 1,2-Dibromo-3-chloropropane (DBCP)
EPA Method 8011
Units: µg/L (ppb)

Sample Name:	MWB-20S	MWB-7D	MWB-7S
Lab Code:	J9902108-13	J9902108-14	J9902108-15
Date Analyzed:	8/2/99	8/2/99	8/2/99

Analyte	MRL			
EDB	0.02	U	U	U
DBCP	0.02	U	U	U

U Not detected at or above the MRL.

Approved By: Maetha Monte Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902108
Date Collected: 7/20-21/99
Date Received: 7/21/99
Date Extracted: 8/2/99

1,2-Dibromoethane (EDB) & 1,2-Dibromo-3-chloropropane (DBCP)
EPA Method 8011
Units: µg/L (ppb)

Sample Name:	MWB-71	MWB-19D	MWB-19I
Lab Code:	J9902108-16	J9902108-17	J9902108-18
Date Analyzed:	8/2/99	8/2/99	8/2/99

Analyte	MRL			
EDB	0.02	U	U	U
DBCP	0.02	U	U	U

U Not detected at or above the MRL.

Approved By: Maureen M. M. M. Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902108
Date Collected: 7/20-21/99
Date Received: 7/21/99
Date Extracted: 8/2/99

1,2-Dibromoethane (EDB) & 1,2-Dibromo-3-chloropropane (DBCP)

EPA Method 8011

Units: µg/L (ppb)

Sample Name:	MWB-19S	MWB-17I	Method Blank
Lab Code:	J9902108-19	J9902108-20	J990802-MB
Date Analyzed:	8/2/99	8/2/99	8/2/99

Analyte	MRL			
EDB	0.02	U	U	U
DBCP	0.02	U	U	U

U Not detected at or above the MRL.

Approved By: Maureen Monte Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902108
Date Collected: 7/20-21/99
Date Received: 7/21/99
Date Extracted: 8/2/99

1,2-Dibromoethane (EDB) & 1,2-Dibromo-3-chloropropane (DBCP)

EPA Method 8011

Units: µg/L (ppb)

Sample Name:	MWB-17S	DUP-01	MWB-17D
Lab Code:	J9902108-21	J9902108-22	J9902108-23
Date Analyzed:	8/2/99	8/2/99	8/2/99

Analyte	MRL			
EDB	0.02	U	U	U
DBCP	0.02	U	U	U

U Not detected at or above the MRL.

Approved By: Maech Monte Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902108
Date Collected: 7/20-21/99
Date Received: 7/21/99
Date Extracted: 8/2/99

1,2-Dibromoethane (EDB) & 1,2-Dibromo-3-chloropropane (DBCP)
 EPA Method 8011
 Units: µg/L (ppb)

Sample Name:	MWB-3S	MWB-3I	MWB-31D
Lab Code:	J9902108-24	J9902108-25	J9902108-26
Date Analyzed:	8/2/99	8/2/99	8/2/99

Analyte	MRL			
EDB	0.02	U	U	U
DBCP	0.02	U	U	U

U Not detected at or above the MRL.

Approved By: Marta Monte Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902108
Date Collected: 7/20-21/99
Date Received: 7/21/99
Date Extracted: 8/2/99

1,2-Dibromoethane (EDB) & 1,2-Dibromo-3-chloropropane (DBCP)
EPA Method 8011
Units: µg/L (ppb)

Sample Name:	MWB-2S	MWB-2I	MWB-29I
Lab Code:	J9902108-27	J9902108-28	J9902108-29
Date Analyzed:	8/2/99	8/2/99	8/2/99

Analyte	MRL			
EDB	0.02	U	U	U
DBCP	0.02	U	U	U

U Not detected at or above the MRL.

Approved By: Maech Monte Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902108
Date Collected: 7/20-21/99
Date Received: 7/21/99
Date Extracted: 8/2/99

1,2-Dibromoethane (EDB) & 1,2-Dibromo-3-chloropropane (DBCP)

EPA Method 8011

Units: µg/L (ppb)

Sample Name:	DUP-02	MWB-29D	MWB-13S
Lab Code:	J9902108-30	J9902108-31	J9902108-32
Date Analyzed:	8/2/99	8/2/99	8/2/99

Analyte

MRL

EDB	0.02	U	U	U
DBCP	0.02	U	U	U

U Not detected at or above the MRL.

Approved By: Mark Monte Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902108
Date Collected: 7/20-21/99
Date Received: 7/21/99
Date Extracted: 8/2/99

1,2-Dibromoethane (EDB) & 1,2-Dibromo-3-chloropropane (DBCP)
EPA Method 8011
Units: µg/L (ppb)

Sample Name:	Field Blank	Trip	DUP-03
Lab Code:	J9902108-33	J9902108-34	J9902108-35
Date Analyzed:	8/2/99	8/2/99	8/2/99

Analyte	MRL			
EDB	0.02	U	U	U
DBCP	0.02	U	U	U

U Not detected at or above the MRL.

Approved By: Maude Monte Date: 8/16/98

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902108
Date Collected: 7/20-21/99
Date Received: 7/21/99
Date Extracted: 8/2/99

1,2-Dibromoethane (EDB) & 1,2-Dibromo-3-chloropropane (DBCP)
EPA Method 8011
Units: µg/L (ppb)

Sample Name: **Method Blank**
Lab Code: J990802-MB
Date Analyzed: 8/2/99

Analyte	MRL	
EDB	0.02	U
DBCP	0.02	U

U Not detected at or above the MRL.

Approved By: Maureen Montez Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902108
Date Collected: 7/20/99
Date Received: 7/21/99
Date Extracted: 7/23/99

Total Metals
Units: mg/L(ppm)

Sample Name:	MWB-29S	MWB-27I	MWB-27S
Lab Code:	J9902108-01	J9902108-02	J9902108-03
Date Analyzed:	7/27-8/13/99	7/27-8/13/99	7/27-8/13/99

Analyte	EPA Method	MRL			
Antimony	204.2	0.005	U	U	U
Arsenic	206.2	0.005	U	U	U
Barium	208.1	0.5	U	U	U
Beryllium	210.2	0.0020	U	U	U
Cadmium	213.2	0.0010	U	U	U
Chromium	200.8	0.002	U	0.003	0.003
Cobalt	219.1	0.05	U	U	U
Copper	220.1	0.05	U	U	U
Iron	236.1	0.1	0.3	0.5	0.3
Lead	239.2	0.002	U	U	U
Mercury	245.1	0.0005	U	U	U
Nickel	249.1	0.05	U	U	U
Selenium	270.2	0.005	U	U	U
Silver	272.1	0.025	U	U	U
Sodium	273.1	0.5	3.1	3.5	3.4
Thallium	279.2	0.002	U	U	U
Vanadium	200.8	0.002	U	0.002	0.005
Zinc	289.1	0.05	U	U	U

U Not detected at or above the MRL.

Approved By: Maureen Monte Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902108
Date Collected: 7/20/99
Date Received: 7/21/99
Date Extracted: 7/23/99

Total Metals
Units: mg/L(ppm)

Sample Name:	MWB-21S	MWB-12D	MWB-12I
Lab Code:	J9902108-04	J9902108-05	J9902108-06
Date Analyzed:	7/27-8/13/99	7/27-8/13/99	7/27-8/13/99

Analyte	EPA Method	MRL			
Antimony	204.2	0.005	U	U	U
Arsenic	206.2	0.005	U	U	U
Barium	208.1	0.5	U	U	U
Beryllium	210.2	0.0020	U	U	U
Cadmium	213.2	0.0010	U	U	U
Chromium	200.8	0.002	U	U	U
Cobalt	219.1	0.05	U	U	U
Copper	220.1	0.05	U	U	U
Iron	236.1	0.1	0.6	0.8	0.4
Lead	239.2	0.002	U	0.003	U
Mercury	245.1	0.0005	U	U	U
Nickel	249.1	0.05	U	U	U
Selenium	270.2	0.005	U	U	U
Silver	272.1	0.025	U	U	U
Sodium	273.1	0.5	3.5	5.8	3.7
Thallium	279.2	0.002	U	U	U
Vanadium	200.8	0.002	U	U	U
Zinc	289.1	0.05	U	U	U

U Not detected at or above the MRL.

Approved By: Marta Monte Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
 Project: Trail Ridge/2nd Semiannual Monitoring Event
 Sample Matrix: Ground Water

Service Request: J9902108
 Date Collected: 7/20/99
 Date Received: 7/21/99
 Date Extracted: 7/23/99

Total Metals
 Units: mg/L(ppm)

Sample Name:	MWB-12S	MWB-22S	MWB-13I
Lab Code:	J9902108-07	J9902108-08	J9902108-09
Date Analyzed:	7/27-8/13/99	7/27-8/13/99	7/27-8/13/99

Analyte	EPA Method	MRL			
Antimony	204.2	0.005	U	U	U
Arsenic	206.2	0.005	U	U	U
Barium	208.1	0.5	U	U	U
Beryllium	210.2	0.0020	U	U	U
Cadmium	213.2	0.0010	U	U	U
Chromium	200.8	0.002	U	U	0.004
Cobalt	219.1	0.05	U	U	U
Copper	220.1	0.05	U	U	U
Iron	236.1	0.1	0.2	0.3	0.5
Lead	239.2	0.002	U	U	U
Mercury	245.1	0.0005	U	U	U
Nickel	249.1	0.05	U	U	U
Selenium	270.2	0.005	U	U	U
Silver	272.1	0.025	U	U	U
Sodium	273.1	0.5	4.4	5.9	3.4
Thallium	279.2	0.002	U	U	U
Vanadium	200.8	0.002	0.003	U	0.005
Zinc	289.1	0.05	U	0.06	0.06

U Not detected at or above the MRL.

Approved By: *Maureen Monte* Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
 Project: Trail Ridge/2nd Semiannual Monitoring Event
 Sample Matrix: Ground Water

Service Request: J9902108
 Date Collected: 7/20/99
 Date Received: 7/21/99
 Date Extracted: 7/23/99

Total Metals
 Units: mg/L(ppm)

Sample Name:	MWB-27D	MWB-11S	MWB-11I
Lab Code:	J9902108-10	J9902108-11	J9902108-12
Date Analyzed:	7/27-8/13/99	7/27-8/13/99	7/27-8/13/99

Analyte	EPA Method	MRL			
Antimony	204.2	0.005	U	U	U
Arsenic	206.2	0.005	U	U	U
Barium	208.1	0.5	U	U	U
Beryllium	210.2	0.0020	U	U	0.0029
Cadmium	213.2	0.0010	U	U	U
Chromium	200.8	0.002	U	U	0.086
Cobalt	219.1	0.05	U	U	U
Copper	220.1	0.05	U	U	U
Iron	236.1	0.1	0.9	0.7	1.7
Lead	239.2	0.002	U	U	0.023
Mercury	245.1	0.0005	U	U	U
Nickel	249.1	0.05	U	U	U
Selenium	270.2	0.005	U	U	U
Silver	272.1	0.025	U	U	U
Sodium	273.1	0.5	4.2	5.0	3.3
Thallium	279.2	0.002	U	U	U
Vanadium	200.8	0.002	U	U	0.114
Zinc	289.1	0.05	0.05	U	0.06

U Not detected at or above the MRL.

Approved By: *Maureen Monte*

Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902108
Date Collected: 7/20/99
Date Received: 7/21/99
Date Extracted: 7/23/99

Total Metals
Units: mg/L(ppm)

Sample Name:	MWB-20S	MWB-7D	MWB-7S
Lab Code:	J9902108-13	J9902108-14	J9902108-15
Date Analyzed:	7/27-8/13/99	7/27-8/13/99	7/27-8/13/99

Analyte	EPA Method	MRL			
Antimony	204.2	0.005	U	U	U
Arsenic	206.2	0.005	U	U	U
Barium	208.1	0.5	U	U	U
Beryllium	210.2	0.0020	U	U	U
Cadmium	213.2	0.0010	U	U	U
Chromium	200.8	0.002	U	U	U
Cobalt	219.1	0.05	U	U	U
Copper	220.1	0.05	U	U	U
Iron	236.1	0.1	0.8	0.3	0.3
Lead	239.2	0.002	U	U	U
Mercury	245.1	0.0005	U	U	U
Nickel	249.1	0.05	U	U	U
Selenium	270.2	0.005	U	U	U
Silver	272.1	0.025	U	U	U
Sodium	273.1	0.5	5.0	4.6	6.7
Thallium	279.2	0.002	U	U	U
Vanadium	200.8	0.002	U	U	U
Zinc	289.1	0.05	0.05	U	U

U Not detected at or above the MRL.

Approved By: _____

Maitha Monte

Date: _____

8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902108
Date Collected: 7/20/99
Date Received: 7/21/99
Date Extracted: 7/23/99

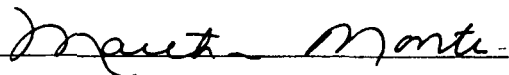
Total Metals
Units: mg/L(ppm)

Sample Name:	MWB-7I	MWB-19D	MWB-19I
Lab Code:	J9902108-16	J9902108-17	J9902108-18
Date Analyzed:	7/27-8/13/99	7/27-8/13/99	7/27-8/13/99

Analyte	EPA Method	MRL			
Antimony	204.2	0.005	U	U	U
Arsenic	206.2	0.005	U	U	U
Barium	208.1	0.5	U	U	U
Beryllium	210.2	0.0020	U	U	U
Cadmium	213.2	0.0010	U	U	0.0015
Chromium	200.8	0.002	U	0.005	0.008
Cobalt	219.1	0.05	U	U	U
Copper	220.1	0.05	U	U	U
Iron	236.1	0.1	0.6	1.6	0.9
Lead	239.2	0.002	U	U	0.002
Mercury	245.1	0.0005	U	U	U
Nickel	249.1	0.05	U	U	U
Selenium	270.2	0.005	U	U	U
Silver	272.1	0.025	U	U	U
Sodium	273.1	0.5	3.4	4.7	3.6
Thallium	279.2	0.002	U	U	U
Vanadium	200.8	0.002	U	0.006	0.012
Zinc	289.1	0.05	0.05	U	0.07

U Not detected at or above the MRL.

Approved By:



Date:

8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902108
Date Collected: 7/20/99
Date Received: 7/21/99
Date Extracted: 7/23/99

Total Metals
 Units: mg/L(ppm)

Sample Name:	MWB-19S	MWB-17I	Method Blank
Lab Code:	J9902108-19	J9902108-20	J990723-MB
Date Analyzed:	7/27-8/13/99	7/27-8/13/99	7/27-8/13/99

Analyte	EPA Method	MRL			
Antimony	204.2	0.005	U	U	U
Arsenic	206.2	0.005	U	U	U
Barium	208.1	0.5	U	U	U
Beryllium	210.2	0.0020	U	U	U
Cadmium	213.2	0.0010	U	U	U
Chromium	200.8	0.002	U	U	U
Cobalt	219.1	0.05	U	U	U
Copper	220.1	0.05	U	U	U
Iron	236.1	0.1	0.7	0.3	U
Lead	239.2	0.002	U	U	U
Mercury	245.1	0.0005	U	U	U
Nickel	249.1	0.05	U	U	U
Selenium	270.2	0.005	U	U	U
Silver	272.1	0.025	U	U	U
Sodium	273.1	0.5	5.6	3.4	U
Thallium	279.2	0.002	U	U	U
Vanadium	200.8	0.002	U	U	U
Zinc	289.1	0.05	U	U	U

U Not detected at or above the MRL.

Approved By: Marta Monte Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902108
Date Collected: 7/20/99
Date Received: 7/21/99
Date Extracted: 7/22/99

Total Metals
Units: mg/L(ppm)

Sample Name:	MWB-17S	DUP-01	MWB-17D
Lab Code:	J9902108-21	J9902108-22	J9902108-23
Date Analyzed:	7/28-8/13/99	7/28-8/13/99	7/28-8/13/99

Analyte	EPA Method	MRL			
Antimony	204.2	0.005	U	U	U
Arsenic	206.2	0.005	U	U	U
Barium	208.1	0.5	U	U	U
Beryllium	210.2	0.0020	U	U	U
Cadmium	213.2	0.0010	U	U	U
Chromium	200.8	0.002	U	U	U
Cobalt	219.1	0.05	U	U	U
Copper	220.1	0.05	U	U	U
Iron	236.1	0.1	0.2	0.2	0.7
Lead	239.2	0.002	U	U	U
Mercury	245.1	0.0005	U	U	U
Nickel	249.1	0.05	U	U	U
Selenium	270.2	0.005	U	U	U
Silver	272.1	0.025	U	U	U
Sodium	273.1	0.5	5.6	5.3	3.8
Thallium	279.2	0.002	U	U	U
Vanadium	200.8	0.002	U	U	U
Zinc	289.1	0.05	U	U	U

U Not detected at or above the MRL.

Approved By:

Martin Monte

Date:

8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
 Project: Trail Ridge/2nd Semiannual Monitoring Event
 Sample Matrix: Ground Water

Service Request: J9902108
 Date Collected: 7/20/99
 Date Received: 7/21/99
 Date Extracted: 7/22/99

Total Metals
 Units: mg/L(ppm)

Sample Name:	MWB-3S	MWB-3I	MWB-31D
Lab Code:	J9902108-24	J9902108-25	J9902108-26
Date Analyzed:	7/28-8/13/99	7/28-8/13/99	7/28-8/13/99

Analyte	EPA Method	MRL			
Antimony	204.2	0.005	U	U	U
Arsenic	206.2	0.005	U	U	U
Barium	208.1	0.5	U	U	U
Beryllium	210.2	0.0020	U	U	U
Cadmium	213.2	0.0010	U	U	U
Chromium	200.8	0.002	U	U	U
Cobalt	219.1	0.05	U	U	U
Copper	220.1	0.05	U	U	U
Iron	236.1	0.1	0.8	0.6	0.3
Lead	239.2	0.002	U	U	U
Mercury	245.1	0.0005	U	U	U
Nickel	249.1	0.05	U	U	U
Selenium	270.2	0.005	U	U	U
Silver	272.1	0.025	U	U	U
Sodium	273.1	0.5	3.5	3.2	6.9
Thallium	279.2	0.002	U	U	U
Vanadium	200.8	0.002	U	U	U
Zinc	289.1	0.05	U	U	U

U Not detected at or above the MRL.

Approved By: Maisha Monte Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902108
Date Collected: 7/20/99
Date Received: 7/21/99
Date Extracted: 7/22/99

Total Metals
Units: mg/L(ppm)

Sample Name:	MWB-2S	MWB-2I	MWB-29I
Lab Code:	J9902108-27	J9902108-28	J9902108-29
Date Analyzed:	7/28-8/13/99	7/28-8/13/99	7/28-8/13/99

Analyte	EPA Method	MRL			
Antimony	204.2	0.005	U	U	U
Arsenic	206.2	0.005	U	U	U
Barium	208.1	0.5	U	U	U
Beryllium	210.2	0.0020	U	U	U
Cadmium	213.2	0.0010	U	U	U
Chromium	200.8	0.002	U	U	U
Cobalt	219.1	0.05	U	U	U
Copper	220.1	0.05	U	U	U
Iron	236.1	0.1	0.7	0.3	0.4
Lead	239.2	0.002	U	U	0.003
Mercury	245.1	0.0005	U	U	U
Nickel	249.1	0.05	U	U	U
Selenium	270.2	0.005	U	U	U
Silver	272.1	0.025	U	U	U
Sodium	273.1	0.5	4.0	4.4	3.5
Thallium	279.2	0.002	U	U	U
Vanadium	200.8	0.002	U	U	0.004
Zinc	289.1	0.05	U	U	U

U Not detected at or above the MRL.

Approved By:

Maureen Monte

Date:

8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
 Project: Trail Ridge/2nd Semiannual Monitoring Event
 Sample Matrix: Ground Water

Service Request: J9902108
 Date Collected: 7/20/99
 Date Received: 7/21/99
 Date Extracted: 7/22/99

Total Metals
 Units: mg/L(ppm)

Sample Name:	DUP-02	MWB-29D	MWB-13S
Lab Code:	J9902108-30	J9902108-31	J9902108-32
Date Analyzed:	7/28-8/13/99	7/28-8/13/99	7/28-8/13/99

Analyte	EPA Method	MRL			
Antimony	204.2	0.005	U	U	U
Arsenic	206.2	0.005	U	U	U
Barium	208.1	0.5	U	U	U
Beryllium	210.2	0.0020	U	U	U
Cadmium	213.2	0.0010	U	U	U
Chromium	200.8	0.002	U	U	U
Cobalt	219.1	0.05	U	U	U
Copper	220.1	0.05	U	U	U
Iron	236.1	0.1	0.4	1.5	0.2
Lead	239.2	0.002	0.007	U	U
Mercury	245.1	0.0005	U	U	U
Nickel	249.1	0.05	U	U	U
Selenium	270.2	0.005	U	U	U
Silver	272.1	0.025	U	U	U
Sodium	273.1	0.5	3.3	4.0	6.1
Thallium	279.2	0.002	U	U	U
Vanadium	200.8	0.002	0.005	U	0.004
Zinc	289.1	0.05	U	U	U

U Not detected at or above the MRL.

Approved By: _____

Mauro Monte

Date: _____

8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
 Project: Trail Ridge/2nd Semiannual Monitoring Event
 Sample Matrix: Ground Water

Service Request: J9902108
 Date Collected: 7/20/99
 Date Received: 7/21/99
 Date Extracted: 7/22/99

Total Metals
 Units: mg/L(ppm)

Sample Name:	Field Blank	DUP-03	Method Blank
Lab Code:	J9902108-33	J9902108-35	J990722-MB
Date Analyzed:	7/28-8/13/99	7/28-8/13/99	7/28-8/13/99

Analyte	EPA Method	MRL			
Antimony	204.2	0.005	U	U	U
Arsenic	206.2	0.005	U	U	U
Barium	208.1	0.5	U	U	U
Beryllium	210.2	0.0020	U	U	U
Cadmium	213.2	0.0010	U	U	U
Chromium	200.8	0.002	U	U	U
Cobalt	219.1	0.05	U	U	U
Copper	220.1	0.05	U	U	U
Iron	236.1	0.1	U	0.3	U
Lead	239.2	0.002	U	U	U
Mercury	245.1	0.0005	U	U	U
Nickel	249.1	0.05	U	U	U
Selenium	270.2	0.005	U	U	U
Silver	272.1	0.025	U	U	U
Sodium	273.1	0.5	U	5.9	U
Thallium	279.2	0.002	U	U	U
Vanadium	200.8	0.002	U	U	U
Zinc	289.1	0.05	U	U	U

U Not detected at or above the MRL.

Approved By: _____

Marta Morte

Date: _____

8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902108
Date Collected: 7/20/99
Date Received: 7/21/99
Date Extracted: NA

Dissolved Metals
Units: mg/L(ppm)

Sample Name:	MWB-11I	MWB-19I	MWB-29I
Lab Code:	J9902108-12	J9902108-18	J9902108-29
Date Analyzed:	7/28-8/10/99	7/28-8/10/99	7/28-8/10/99

Analyte	EPA Method	MRL			
Antimony	204.2	0.005	U	U	U
Arsenic	206.2	0.005	U	U	U
Barium	208.1	0.5	U	U	U
Beryllium	210.2	0.0020	U	U	U
Cadmium	213.2	0.0010	U	U	U
Chromium	200.8	0.005	U	U	U
Cobalt	219.1	0.05	U	U	U
Copper	220.1	0.05	U	U	U
Iron	236.1	0.1	0.3	0.3	0.3
Lead	239.2	0.002	U	U	U
Mercury	245.1	0.0005	U	U	U
Nickel	249.1	0.05	U	U	U
Selenium	270.2	0.005	U	U	U
Silver	272.1	0.025	U	U	U
Sodium	273.1	0.5	3.0	3.4	2.9
Thallium	279.2	0.002	U	U	U
Vanadium	200.8	0.002	0.005	U	U
Zinc	289.1	0.05	U	U	U

U Not detected at or above the MRL.

Approved By: _____

Maureen Mante

Date: _____

8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902108
Date Collected: 7/20/99
Date Received: 7/21/99
Date Extracted: NA

Dissolved Metals
Units: mg/L(ppm)

Sample Name: DUP-02 **Method Blank**
Lab Code: J9902108-30 J990802-MB
Date Analyzed: 7/28-8/10/99 7/28-8/10/99

Analyte	EPA Method	MRL		
Antimony	204.2	0.005	U	U
Arsenic	206.2	0.005	U	U
Barium	208.1	0.5	U	U
Beryllium	210.2	0.0020	U	U
Cadmium	213.2	0.0010	U	U
Chromium	200.8	0.005	U	U
Cobalt	219.1	0.05	U	U
Copper	220.1	0.05	U	U
Iron	236.1	0.1	0.3	U
Lead	239.2	0.002	U	U
Mercury	245.1	0.0005	U	U
Nickel	249.1	0.05	U	U
Selenium	270.2	0.005	U	U
Silver	272.1	0.025	U	U
Sodium	273.1	0.5	3.1	U
Thallium	279.2	0.002	U	U
Vanadium	200.8	0.002	U	U
Zinc	289.1	0.05	U	U

U Not detected at or above the MRL.

Approved By: Marta Montes Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902108
Date Collected: 7/20/99 1628
Date Received: 7/21/99
Date Extracted: NA

Inorganic Parameters

Sample Name: **MWB-29S** **MWB-27I** **MWB-27S**
Lab Code: J9902108-01 J9902108-02 J9902108-03

Analyte	Units	EPA Method	MRL	Date/Time Analyzed			
Ammonia as N	mg/L (ppm)	350.3	0.1	7/26/99 1107	U	0.10	0.10
Chloride	mg/L (ppm)	300.0	0.2	7/21/99 2353	5.46	5.42	5.64
Color	Color Units	110.2	5	7/22/99 0902	15	5	30
Nitrate as Nitrogen	mg/L (ppm)	300.0	0.2	7/21/99 2353	U	U	U
Solids, Total Dissolved	mg/L (ppm)	160.1	10	7/22/99 1700	33.0	66.0	60.0

U Not detected at or above the MRL.

Approved By: Martin Martin Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902108
Date Collected: 7/20/99 1628
Date Received: 7/21/99
Date Extracted: NA

Inorganic Parameters

Sample Name: **MWB-21S** **MWB-12D** **MWB-12I**
Lab Code: J9902108-04 J9902108-05 J9902108-06

Analyte	Units	EPA Method	MRL	Date/Time Analyzed			
Ammonia as N	mg/L (ppm)	350.3	0.1	7/26/99 1107	U	0.18	U
Chloride	mg/L (ppm)	300.0	0.2	7/21/99 2353	6.30	4.35	5.56
Color	Color Units	110.2	5	7/22/99 0902	15	10	U
Nitrate as Nitrogen	mg/L (ppm)	300.0	0.2	7/21/99 2353	U	U	U
Solids, Total Dissolved	mg/L (ppm)	160.1	10	7/22/99 1700	41.0	250	50.0

U Not detected at or above the MRL.

Approved By: Marta Monte Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902108
Date Collected: 7/20/99 1628
Date Received: 7/21/99
Date Extracted: NA

Inorganic Parameters

Sample Name:	MWB-12S	MWB-22S	MWB-13I
Lab Code:	J9902108-07	J9902108-08	J9902108-09

Analyte	Units	EPA Method	MRL	Date/Time Analyzed			
Ammonia as N	mg/L (ppm)	350.3	0.1	7/26/99 1107	0.69	0.71	U
Chloride	mg/L (ppm)	300.0	0.2	7/21/99 2353	8.29	6.25	5.43
Color	Color Units	110.2	5	7/22/99 0902	30	25	10
Nitrate as Nitrogen	mg/L (ppm)	300.0	0.2	7/21/99 2353	U	U	U
Solids, Total Dissolved	mg/L (ppm)	160.1	10	7/22/99 1700	57.0	70.0	43.0

U Not detected at or above the MRL.

Approved By: Marta Monte Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902108
Date Collected: 7/20/99 1628
Date Received: 7/21/99
Date Extracted: NA

Inorganic Parameters

Sample Name: **MWB-27D** **MWB-11S** **MWB-11I**
Lab Code: J9902108-10 J9902108-11 J9902108-12

Analyte	Units	EPA Method	MRL	Date/Time Analyzed			
Ammonia as N	mg/L (ppm)	350.3	0.1	7/26/99 1107	U	U	U
Chloride	mg/L (ppm)	300.0	0.2	7/21/99 2353	5.89	9.86	5.62
Color	Color Units	110.2	5	7/22/99 0902	5	5	10
Nitrate as Nitrogen	mg/L (ppm)	300.0	0.2	7/21/99 2353	U	U	U
Solids, Total Dissolved	mg/L (ppm)	160.1	10	7/22/99 1700	92.0	68.0	91.0

U

Not detected at or above the MRL.

Approved By:

Maetha Monte

Date:

8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902108
Date Collected: 7/20/99 1628
Date Received: 7/21/99
Date Extracted: NA

Inorganic Parameters

Sample Name:	MWB-20S	MWB-7D	MWB-7S
Lab Code:	J9902108-13	J9902108-14	J9902108-15

Analyte	Units	EPA Method	MRL	Date/Time Analyzed			
Ammonia as N	mg/L (ppm)	350.3	0.1	7/26/99 1107	0.52	0.17	1.59
Chloride	mg/L (ppm)	300.0	0.2	7/21/99 2353	9.83	4.34	10.1
Color	Color Units	110.2	5	7/22/99 0902	20	5	10
Nitrate as Nitrogen	mg/L (ppm)	300.0	0.2	7/21/99 2353	U	U	U
Solids, Total Dissolved	mg/L (ppm)	160.1	10	7/22/99 1700	90.0	200	59.0

U Not detected at or above the MRL.

Approved By: Maith Monte Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902108
Date Collected: 7/20/99 1628
Date Received: 7/21/99
Date Extracted: NA

Inorganic Parameters

Sample Name: **MWB-7I** **MWB-19D** **MWB-19I**
Lab Code: J9902108-16 J9902108-17 J9902108-18

Analyte	Units	EPA Method	MRL	Date/Time Analyzed			
Ammonia as N	mg/L (ppm)	350.3	0.1	7/26/99 1107	U	0.14	U
Chloride	mg/L (ppm)	300.0	0.2	7/21/99 2353	5.62	4.61	6.04
Color	Color Units	110.2	5	7/22/99 0902	U	5	40
Nitrate as Nitrogen	mg/L (ppm)	300.0	0.2	7/21/99 2353	U	U	U
Solids, Total Dissolved	mg/L (ppm)	160.1	10	7/22/99 1700	46.0	220	50.0

U Not detected at or above the MRL.

Approved By:

Maeth Monte

Date:

8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902108
Date Collected: 7/20/99 1628
Date Received: 7/21/99
Date Extracted: NA

Inorganic Parameters

Sample Name:	MWB-19S	MWB-17I	MWB-17S
Lab Code:	J9902108-19	J9902108-20	J9902108-21

Analyte	Units	EPA Method	MRL	Date/Time Analyzed			
Ammonia as N	mg/L (ppm)	350.3	0.1	7/26/99 1107	0.20	U	0.89
Chloride	mg/L (ppm)	300.0	0.2	7/21/99 2353	10.2	5.64	9.05
Color	Color Units	110.2	5	7/22/99 0902	15	5	30
Nitrate as Nitrogen	mg/L (ppm)	300.0	0.2	7/21/99 2353	U	U	U
Solids, Total Dissolved	mg/L (ppm)	160.1	10	7/22/99 1700	74.0	27.0	42.0

U Not detected at or above the MRL.

Approved By: Marta Marte Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902108
Date Collected: 7/20/99 1628
Date Received: 7/21/99
Date Extracted: NA

Inorganic Parameters

Sample Name: **DUP-01** **MWB-17D** **MWB-3S**
Lab Code: J9902108-22 J9902108-23 J9902108-24

Analyte	Units	EPA Method	MRL	Date/Time Analyzed			
Ammonia as N	mg/L (ppm)	350.3	0.1	7/26/99 1107	0.88	0.12	U
Chloride	mg/L (ppm)	300.0	0.2	7/21/99 2353	9.02	6.41	4.91
Color	Color Units	110.2	5	7/22/99 0902	30	5	U
Nitrate as Nitrogen	mg/L (ppm)	300.0	0.2	7/21/99 2353	U	U	U
Solids, Total Dissolved	mg/L (ppm)	160.1	10	7/22/99 1700	39.0	53.0	23.0

U Not detected at or above the MRL.

Approved By:

Maeth Morte

Date:

8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902108
Date Collected: 7/20/99 1628
Date Received: 7/21/99
Date Extracted: NA

Inorganic Parameters

Sample Name: **MWB-3I** **MWB-31D** **MWB-2S**
Lab Code: J9902108-25 J9902108-26 J9902108-27

Analyte	Units	EPA Method	MRL	Date/Time Analyzed			
Ammonia as N	mg/L (ppm)	350.3	0.1	7/26/99 1107	U	0.14	U
Chloride	mg/L (ppm)	300.0	0.2	7/21/99 2353	4.79	5.52	5.75
Color	Color Units	110.2	5	7/22/99 0902	U	10	5
Nitrate as Nitrogen	mg/L (ppm)	300.0	0.2	7/21/99 2353	U	U	U
Solids, Total Dissolved	mg/L (ppm)	160.1	10	7/22/99 1700	19.0	220	24.0

U Not detected at or above the MRL.

Approved By: Marta Monte Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902108
Date Collected: 7/20/99 1628
Date Received: 7/21/99
Date Extracted: NA

Inorganic Parameters

Sample Name: **MWB-2I** **MWB-29I** **DUP-02**
Lab Code: J9902108-28 J9902108-29 J9902108-30

Analyte	Units	EPA Method	MRL	Date/Time Analyzed			
Ammonia as N	mg/L (ppm)	350.3	0.1	7/26/99 1107	U	U	U
Chloride	mg/L (ppm)	300.0	0.2	7/21/99 2353	7.50	4.94	5.20
Color	Color Units	110.2	5	7/22/99 0902	10	U	U
Nitrate as Nitrogen	mg/L (ppm)	300.0	0.2	7/21/99 2353	U	U	U
Solids, Total Dissolved	mg/L (ppm)	160.1	10	7/22/99 1700	20.0	48.0	24.0

U

Not detected at or above the MRL.

Approved By: Maureen Monte Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902108
Date Collected: 7/20/99 1628
Date Received: 7/21/99
Date Extracted: NA

Inorganic Parameters

Sample Name: **MWB-29D** **MWB-13S** **Field Blank**
Lab Code: J9902108-31 J9902108-32 J9902108-33

Analyte	Units	EPA Method	MRL	Date/Time Analyzed			
Ammonia as N	mg/L (ppm)	350.3	0.1	7/26/99 1107	U	0.53	U
Chloride	mg/L (ppm)	300.0	0.2	7/21/99 2353	6.43	9.53	U
Color	Color Units	110.2	5	7/22/99 0902	5	5	U
Nitrate as Nitrogen	mg/L (ppm)	300.0	0.2	7/21/99 2353	U	U	U
Solids, Total Dissolved	mg/L (ppm)	160.1	10	7/22/99 1700	50.0	26.0	U

U Not detected at or above the MRL.

Approved By: Maeth Monte Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902108
Date Collected: 7/20/99 1628
Date Received: 7/21/99
Date Extracted: NA

Inorganic Parameters

Sample Name: **DUP-03** **Method Blank**
 Lab Code: J9902108-35 J990721-MB

Analyte	Units	EPA Method	MRL	Date/Time Analyzed		
Ammonia as N	mg/L (ppm)	350.3	0.1	7/26/99 1107	0.69	U
Chloride	mg/L (ppm)	300.0	0.2	7/21/99 2353	5.99	U
Color	Color Units	110.2	5	7/22/99 0902	25	U
Nitrate as Nitrogen	mg/L (ppm)	300.0	0.2	7/21/99 2353	U	U
Solids, Total Dissolved	mg/L (ppm)	160.1	10	7/22/99 1700	51.0	U

U Not detected at or above the MRL.

Approved By: Maureen Montus Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902108
Date Collected: NA
Date Received: NA
Date Extracted: NA
Date Analyzed: 7/22-24/99

Surrogate Recovery Summary
Volatile Organic Compounds
EPA Method 8260

Sample Name	Lab Code	P e r c e n t R e c o v e r y		
		Pentafluorobenzene	Toluene- <i>d</i> ₈	4-Bromofluorobenzene
MWB-29S	J9902108-01	101	99	97
MWB-27I	J9902108-02	104	100	96
MWB-27S	J9902108-03	104	100	98
MWB-21S	J9902108-04	104	100	95
MWB-12D	J9902108-05	102	101	96
MWB-12I	J9902108-06	102	101	96
MWB-12S	J9902108-07	104	101	95
MWB-22S	J9902108-08	102	101	95
MWB-13I	J9902108-09	100	100	95
MWB-27D	J9902108-10	101	100	94
MWB-11S	J9902108-11	102	101	96
MWB-11I	J9902108-12	101	100	95
MWB-20S	J9902108-13	101	101	95
MWB-7D	J9902108-14	99	100	94
MWB-7S	J9902108-15	102	102	95
MWB-7I	J9902108-16	106	102	96
MWB-19D	J9902108-17	106	101	96
MWB-19I	J9902108-18	104	101	97
MWB-19S	J9902108-19	105	102	96
MWB-17I	J9902108-20	104	103	90
MWB-17S	J9902108-21	102	100	96
DUP-01	J9902108-22	101	100	96
MWB-17D	J9902108-23	101	101	94
MWB-3S	J9902108-24	101	101	95

CAS Acceptance Limits: 83-117 81-119 72-128

Approved By:

Maureen Martinez

Date:

8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902108
Date Collected: NA
Date Received: NA
Date Extracted: NA
Date Analyzed: 7/22-24/99

Surrogate Recovery Summary
Volatile Organic Compounds
EPA Method 8260

Sample Name	Lab Code	P e r c e n t R e c o v e r y		
		Pentafluorobenzene	Toluene-dg	4-Bromofluorobenzene
MWB-3I	J9902108-25	98	100	94
MWB-31D	J9902108-26	101	101	95
MWB-2S	J9902108-27	100	101	94
MWB-2I	J9902108-28	100	101	94
MWB-29I	J9902108-29	100	101	94
DUP-02	J9902108-30	100	101	94
MWB-29D	J9902108-31	99	101	94
MWB-13S	J9902108-32	101	100	95
Field Blank	J9902108-33	99	100	95
Trip	J9902108-34	97	101	96
DUP-03	J9902108-35	100	101	94
Method Blank	J990722-MB	100	100	97
Method Blank	J990723-MB	99	99	95
Laboratory Control Sample	J990722-LCS	97	98	96
Laboratory Control Sample	J990723-LCS	99	101	103
Batch QC	J9902108-01MS	98	101	99
Batch QC	J9902108-01MSD	99	100	99
Batch QC	J9902108-21MS	103	101	102
Batch QC	J9902108-21MSD	102	101	103

CAS Acceptance Limits: 83-117 81-119 72-128

Approved By:

Maitha Marte

Date:

8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Trail Ridge Landfill, Inc.
 Project: Trail Ridge/2nd Semiannual Monitoring Event
 Sample Matrix: Ground Water

Service Request: J9902108
 Date Collected: NA
 Date Received: NA
 Date Extracted: NA
 Date Analyzed: 7/22-23/99

Matrix Spike/Duplicate Matrix Spike Summary
 Volatile Organic Compounds
 EPA Method 8260
 Units: µg/L (ppb)

Sample Name: Batch QC
 Lab Code: Batch QC

Analyte	Spike Level		Sample Result	Spike Result		Percent Recovery			Relative Percent Difference
	MS	DMS		MS	DMS	MS	DMS	EPA	
								Acceptance Limits	
1,1-Dichloroethene	50	50	U	44	44	88	88	25-135	<1
Benzene	50	50	U	48	48	96	96	32-136	<1
Trichloroethene	50	50	U	43	43	86	86	28-134	<1
Toluene	50	50	U	49	49	98	98	37-129	<1
Chlorobenzene	50	50	U	48	49	96	98	34-133	2

Sample Name: Batch QC
 Lab Code: Batch QC

Analyte	Spike Level		Sample Result	Spike Result		Percent Recovery			Relative Percent Difference
	MS	DMS		MS	DMS	MS	DMS	EPA	
								Acceptance Limits	
1,1-Dichloroethene	50	50	U	46	48	92	96	25-135	4
Benzene	50	50	U	46	47	92	94	32-136	2
Trichloroethene	50	50	U	42	43	84	86	28-134	2
Toluene	50	50	U	48	49	96	98	37-129	2
Chlorobenzene	50	50	U	48	49	96	98	34-133	2

Approved By: Maith Morte

Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
LCS Matrix: Water

Service Request: J9902108
Date Collected: NA
Date Received: NA
Date Extracted: NA
Date Analyzed: 7/22-23/99

Laboratory Control Sample Summary
Volatile Organic Compounds
EPA Method 8260
Units: µg/L (ppb)

Analyte	True Value	Result	Percent Recovery	EPA Percent Recovery Acceptance Limits
1,1-Dichloroethene	50	44	88	25-135
Benzene	50	49	98	32-136
Trichloroethene	50	43	86	28-134
Toluene	50	48	96	37-129
Chlorobenzene	50	48	96	34-133

Analyte	True Value	Result	Percent Recovery	EPA Percent Recovery Acceptance Limits
1,1-Dichloroethene	50	53	106	25-135
Benzene	50	51	102	32-136
Trichloroethene	50	46	92	28-134
Toluene	50	53	106	37-129
Chlorobenzene	50	53	106	34-133

Approved By: Maeth Monte Date: 8/16/98

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902108
Date Collected: 7/20-21/99
Date Received: 7/21/99
Date Extracted: 8/2/99
Date Analyzed: 8/2/99

Surrogate Recovery Summary 1,2-Dibromoethane (EDB) & 1,2-Dibromo-3-chloropropane (DBCP) EPA Method 8011

Sample Name	Lab Code	Percent Recovery Tetrachloro- <i>m</i> -xylene
MWB-29S	J9902108-01	105
MWB-27I	J9902108-02	102
MWB-27S	J9902108-03	92
MWB-21S	J9902108-04	93
MWB-12D	J9902108-05	89
MWB-12I	J9902108-06	92
MWB-12S	J9902108-07	90
MWB-22S	J9902108-08	93
MWB-13I	J9902108-09	87
MWB-27D	J9902108-10	79
MWB-11S	J9902108-11	79
MWB-11I	J9902108-12	97
MWB-20S	J9902108-13	87
MWB-7D	J9902108-14	94
MWB-7S	J9902108-15	93
MWB-7I	J9902108-16	102
MWB-19D	J9902108-17	96
MWB-19I	J9902108-18	103
MWB-19S	J9902108-19	93
MWB-17I	J9902108-20	92
Method Blank	J990802-MB	106
Laboratory Control Sample	J990802-LCS	102
Batch QC	J9902108-01MS	94
Batch QC	J9902108-01DMS	94

CAS Acceptance Limits: 15-131

Approved By: Maureen Monte Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902108
Date Collected: 7/20-21/99
Date Received: 7/21/99
Date Extracted: 8/2/99
Date Analyzed: 8/2/99

Surrogate Recovery Summary
1,2-Dibromoethane (EDB) & 1,2-Dibromo-3-chloropropane (DBCP)
EPA Method 8011

Sample Name	Lab Code	Percent Recovery Tetrachloro- <i>m</i> -xylene
MWB-17S	J9902108-21	103
DUP-01	J9902108-22	94
MWB-17D	J9902108-23	98
MWB-3S	J9902108-24	102
MWB-3I	J9902108-25	97
MWB-31D	J9902108-26	93
MWB-2S	J9902108-27	109
MWB-2I	J9902108-28	105
MWB-29I	J9902108-29	106
DUP-02	J9902108-30	93
MWB-29D	J9902108-31	72
MWB-13S	J9902108-32	62
Field Blank	J9902108-33	105
Trip	J9902108-34	107
DUP-03	J9902108-35	85
Method Blank	J990802-MB	110
Laboratory Control Sample	J990802-LCS	96
Batch QC	J9902108-21MS	83
Batch QC	J9902108-21DMS	81

CAS Acceptance Limits: 15-131

Approved By: Maeth Monte Date: 8/16/95

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902108
Date Collected: NA
Date Received: NA
Date Extracted: 8/2/99
Date Analyzed: 8/2/99

Matrix Spike/Duplicate Matrix Spike Summary
 1,2-Dibromoethane (EDB) & 1,2-Dibromo-3-chloropropane (DBCP)
 EPA Method 8011
 Units: µg/L (ppb)

Sample Name: Batch QC
Lab Code: Batch QC

Analyte	Percent Recovery									
	Spike Level		Sample Result	Spike Result		CAS		Relative Percent Difference	CAS RPD	
	MS	DMS		MS	DMS	MS	DMS		Acceptance Limits	Acceptance Limit
EDB	0.5	0.5	U	0.47	0.47	94	94	<1	36-136	30
DBCP	0.5	0.5	U	0.45	0.46	90	92	2	36-136	30

Approved By: _____

Maureen Monte

Date: _____

8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902108
Date Collected: NA
Date Received: NA
Date Extracted: 8/2/99
Date Analyzed: 8/2/99

Matrix Spike/Duplicate Matrix Spike Summary
 1,2-Dibromoethane (EDB) & 1,2-Dibromo-3-chloropropane (DBCP)
 EPA Method 8011
 Units: µg/L (ppb)

Sample Name: Batch QC
Lab Code: Batch QC

Analyte	Spike Level		Sample Result	Spike Result		Percent Recovery				Relative Percent Difference	CAS RPD Acceptance Limit
						CAS Acceptance Limits					
	MS	DMS		MS	DMS	MS	DMS	MS	DMS		
EDB	0.5	0.5	U	0.46	0.46	92	92	36-136	<1	30	
DBCP	0.5	0.5	U	0.47	0.44	94	88	36-136	7	30	

Approved By: Maech Monte Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
LCS Matrix: Water

Service Request: J9902108
Date Collected: NA
Date Received: NA
Date Extracted: 8/2/99
Date Analyzed: 8/2/99

Laboratory Control Sample Summary
1,2-Dibromoethane (EDB) & 1,2-Dibromo-3-chloropropane (DBCP)
EPA Method 8011
Units: µg/L (ppb)

Analyte	True Value	Result	Percent Recovery	CAS
				Percent Recovery Acceptance Limits
EDB	0.25	0.24	96	60-140
DBCP	0.25	0.24	96	60-140

The laboratory control sample is prepared using a standard obtained from EM Science (Lot No.A7080473) which is different than the source of the calibration standard.

Approved By: Maitha Mont Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
LCS Matrix: Water

Service Request: J9902108
Date Collected: NA
Date Received: NA
Date Extracted: 8/2/99
Date Analyzed: 8/2/99

Laboratory Control Sample Summary
1,2-Dibromoethane (EDB) & 1,2-Dibromo-3-chloropropane (DBCP)
EPA Method 8011
Units: µg/L (ppb)

Analyte	True Value	Result	Percent Recovery	CAS
				Percent Recovery Acceptance Limits
EDB	0.25	0.22	88	60-140
DBCP	0.25	0.25	100	60-140

The laboratory control sample is prepared using a standard obtained from EM Science (Lot No. A7080473) which is different than the source of the calibration standard.

Approved By: Martha Monte Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Trail Ridge Landfill, Inc.
 Project: Trail Ridge/2nd Semiannual Monitoring Event
 Sample Matrix: Ground Water

Service Request: J9902108
 Date Collected: NA
 Date Received: NA
 Date Extracted: NA
 Date Analyzed: 7/27-8/13/99

Duplicate Matrix Spike Summary
 Total Metals
 Units: mg/L(ppm)

Sample Name: Batch QC
 Lab Code: Batch QC

Analyte	EPA Method	MRL	Sample Result	Duplicate Sample Result	Average	Relative Percent Difference	Result Note
Antimony	204.2	0.005	0.018	0.018	0.018	<1	
Arsenic	206.2	0.005	0.024	0.023	0.024	4	
Barium	208.1	0.5	2.0	2.0	2.0	<1	
Beryllium	210.2	0.0020	0.0038	0.0040	0.0039	5	
Cadmium	213.2	0.0010	0.0019	0.0017	0.0018	11	
Chromium	200.8	0.002	0.023	0.022	0.022	4	
Cobalt	219.1	0.05	2.0	2.0	2.0	<1	
Copper	220.1	0.05	1.9	1.8	1.8	5	
Iron	236.1	0.1	2.2	2.3	2.2	4	
Lead	239.2	0.002	0.020	0.019	0.020	5	
Mercury	245.1	0.0005	0.0050	0.0051	0.0050	2	
Nickel	249.1	0.05	1.9	1.9	1.9	<1	
Selenium	270.2	0.005	0.014	0.012	0.013	15	
Silver	272.1	0.025	1.1	1.1	1.1	<1	
Sodium	273.1	0.5	13	14	14	7	
Thallium	279.2	0.002	0.018	0.018	0.018	<1	
Vanadium	200.8	0.002	0.027	0.025	0.026	8	
Zinc	289.1	0.05	2.0	2.1	2.0	5	

U Not detected at or above the MRL.

Approved By: Maureen Monte Date: 8/16/95

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Trail Ridge Landfill, Inc.
 Project: Trail Ridge/2nd Semiannual Monitoring Event
 Sample Matrix: Ground Water

Service Request: J9902108
 Date Collected: NA
 Date Received: NA
 Date Extracted: NA
 Date Analyzed: 7/28-8/13/99

Duplicate Matrix Spike Summary
 Total Metals
 Units: mg/L(ppm)

Sample Name: Batch QC
 Lab Code: Batch QC

Analyte	EPA Method	MRL	Sample Result	Duplicate Sample Result	Average	Relative Percent Difference	Result Note
Antimony	204.2	0.005	0.018	0.019	0.018	5	
Arsenic	206.2	0.005	0.020	0.021	0.020	5	
Barium	208.1	0.5	2.4	2.2	2.3	9	
Beryllium	210.2	0.0020	0.0041	0.0044	0.0042	7	
Cadmium	213.2	0.0010	0.0020	0.0021	0.0020	5	
Chromium	200.8	0.002	0.024	0.026	0.025	8	
Cobalt	219.1	0.05	2.0	2.0	2.0	<1	
Copper	220.1	0.05	2.0	2.1	2.0	5	
Iron	236.1	0.1	2.2	2.3	2.2	4	
Lead	239.2	0.002	0.019	0.021	0.020	10	
Mercury	245.1	0.0005	0.0049	0.0048	0.0048	2	
Nickel	249.1	0.05	2.0	2.0	2.0	<1	
Selenium	270.2	0.005	0.014	0.016	0.015	13	
Silver	272.1	0.025	1.1	1.1	1.1	<1	
Sodium	273.1	0.5	17	16	16	6	
Thallium	279.2	0.002	0.016	0.016	0.016	<1	
Vanadium	200.8	0.002	0.030	0.034	0.032	12	
Zinc	289.1	0.05	2.3	2.1	2.2	9	

U Not detected at or above the MRL.

Approved By: Martin Monte Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Trail Ridge Landfill, Inc.
 Project: Trail Ridge/2nd Semiannual Monitoring Event
 Sample Matrix: Ground Water

Service Request: J9902108
 Date Collected: NA
 Date Received: NA
 Date Extracted: NA
 Date Analyzed: 7/27-8/13/99

Matrix Spike Summary
 Total Metals
 Units: mg/L(ppm)

Sample Name: Batch QC
 Lab Code: Batch QC

Analyte	EPA Method	MRL	Spike Level	Sample Result	Spiked Sample Result	Percent Recovery	CAS	Result Note
							Percent Recovery Acceptance Limits	
Antimony	204.2	0.005	0.020	U	0.018	90	60-130	
Arsenic	206.2	0.005	0.020	U	0.024	120	80-120	
Barium	208.1	0.5	2.0	U	2.0	100	80-120	
Beryllium	210.2	0.0020	0.0040	U	0.0038	95	80-120	
Cadmium	213.2	0.0010	0.0020	U	0.0019	95	80-120	
Chromium	200.8	0.002	0.020	U	0.023	115	80-125	
Cobalt	219.1	0.05	2.0	U	2.0	100	80-120	
Copper	220.1	0.05	2.0	U	1.9	95	80-120	
Iron	236.1	0.1	2.0	0.3	2.2	95	80-120	
Lead	239.2	0.002	0.020	U	0.020	100	80-120	
Mercury	245.1	0.0005	0.0050	U	0.0050	100	80-120	
Nickel	249.1	0.05	2.0	U	1.9	95	80-120	
Selenium	270.2	0.005	0.020	U	0.014	70	70-120	
Silver	272.1	0.025	1.0	U	1.1	110	70-130	
Sodium	273.1	0.5	10	3.1	13	99	80-120	
Thallium	279.2	0.002	0.020	U	0.018	90	80-120	
Vanadium	200.8	0.002	0.025	U	0.027	108	80-120	
Zinc	289.1	0.05	2.0	U	2.0	100	80-120	

U Not detected at or above the MRL.

Approved By:

Martin Monte

Date:

8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Trail Ridge Landfill, Inc.
 Project: Trail Ridge/2nd Semiannual Monitoring Event
 Sample Matrix: Ground Water

Service Request: J9902108
 Date Collected: NA
 Date Received: NA
 Date Extracted: NA
 Date Analyzed: 7/28-8/13/99

Matrix Spike Summary
 Total Metals
 Units: mg/L(ppm)

Sample Name: Batch QC
 Lab Code: Batch QC

Analyte	EPA Method	MRL	Spike Level	Sample Result	Spiked Sample Result	Percent Recovery	CAS Percent Recovery	Result Note
							Acceptance Limits	
Antimony	204.2	0.005	0.020	U	0.018	90	60-130	
Arsenic	206.2	0.005	0.020	U	0.020	100	80-120	
Barium	208.1	0.5	2.0	U	2.4	120	80-120	
Beryllium	210.2	0.0020	0.0040	U	0.0041	102	80-120	
Cadmium	213.2	0.0010	0.0020	U	0.0020	100	80-120	
Chromium	200.8	0.002	0.020	U	0.024	120	80-125	
Cobalt	219.1	0.05	2.0	U	2.0	100	80-120	
Copper	220.1	0.05	2.0	U	2.0	100	80-120	
Iron	236.1	0.1	2.0	0.2	2.2	100	80-120	
Lead	239.2	0.002	0.020	U	0.019	95	80-120	
Mercury	245.1	0.0005	0.0050	U	0.0049	98	80-120	
Nickel	249.1	0.05	2.0	U	2.0	100	80-120	
Selenium	270.2	0.005	0.020	U	0.014	70	70-120	
Silver	272.1	0.025	1.0	U	1.1	110	70-130	
Sodium	273.1	0.5	10	5.6	17	114	80-120	
Thallium	279.2	0.002	0.020	U	0.016	80	80-120	
Vanadium	200.8	0.002	0.025	U	0.030	120	80-120	
Zinc	289.1	0.05	2.0	U	2.3	115	80-120	

U Not detected at or above the MRL.

Approved By: _____

Maith Monte

Date: _____

8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Water

Service Request: J9902108
Date Collected: NA
Date Received: NA
Date Analyzed: 7/27-8/13/99

Laboratory Control Sample Summary
Total Metals
Units: mg/L(ppm)

Analyte	EPA Method	TRUE VALUE	Result	Percent Recovery	CAS Percent Recovery Acceptance Limits
Antimony	204.2	0.020	0.018	90	60-130
Arsenic	206.2	0.020	0.020	100	80-120
Barium	208.1	2.0	2.2	110	80-120
Beryllium	210.2	0.0040	0.0036	90	80-120
Cadmium	213.2	0.0020	0.0020	100	80-120
Chromium	200.8	0.020	0.020	100	80-125
Cobalt	219.1	2.0	2.0	100	80-120
Copper	220.1	2.0	1.9	95	80-120
Iron	236.1	2.0	2.0	100	80-120
Lead	239.2	0.020	0.019	95	80-120
Mercury	245.1	0.0050	0.0050	100	80-120
Nickel	249.1	2.0	1.9	95	80-120
Selenium	270.2	0.020	0.020	100	70-120
Silver	272.1	1.0	1.1	110	70-130
Sodium	273.1	10	10	100	80-120
Thallium	279.2	0.020	0.018	90	80-120
Vanadium	200.8	0.025	0.024	96	80-120
Zinc	289.1	2.0	2.0	100	80-120

Approved By: Martin Monte Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Water

Service Request: J9902108
Date Collected: NA
Date Received: NA
Date Analyzed: 7/28-8/13/99

Laboratory Control Sample Summary
Total Metals
Units: mg/L(ppm)

Analyte	EPA Method	TRUE VALUE	Result	Percent Recovery	CAS
					Percent Recovery Acceptance Limits
Antimony	204.2	0.020	0.020	100	60-130
Arsenic	206.2	0.020	0.021	105	80-120
Barium	208.1	2.0	2.2	110	80-120
Beryllium	210.2	0.0040	0.0043	108	80-120
Cadmium	213.2	0.0020	0.0023	115	80-120
Chromium	200.8	0.020	0.021	105	80-125
Cobalt	219.1	2.0	2.0	100	80-120
Copper	220.1	2.0	2.1	105	80-120
Iron	236.1	2.0	2.0	100	80-120
Lead	239.2	0.020	0.019	95	80-120
Mercury	245.1	0.0050	0.0053	106	80-120
Nickel	249.1	2.0	2.0	100	80-120
Selenium	270.2	0.020	0.019	95	70-120
Silver	272.1	1.0	1.1	110	70-130
Sodium	273.1	10	10	100	80-120
Thallium	279.2	0.020	0.018	90	80-120
Vanadium	200.8	0.025	0.024	96	80-120
Zinc	289.1	2.0	2.1	105	80-120

Approved By: _____

Maureen Monte

Date: _____

8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Trail Ridge Landfill, Inc.
 Project: Trail Ridge/2nd Semiannual Monitoring Event
 Sample Matrix: Ground Water

Service Request: J9902108
 Date Collected: NA
 Date Received: NA
 Date Extracted: NA
 Date Analyzed: 7/28-8/10/99

Duplicate Matrix Spike Summary
 Dissolved Metals
 Units: mg/L(ppm)

Sample Name: Batch QC
 Lab Code: Batch QC

Analyte	EPA Method	MRL	Sample Result	Duplicate Sample Result	Average	Relative Percent Difference	Result Note
Antimony	204.2	0.005	0.018	0.019	0.018	5	
Arsenic	206.2	0.005	0.019	0.019	0.019	<1	
Barium	208.1	0.5	1.0	1.2	1.1	18	
Beryllium	210.2	0.0020	0.0038	0.0039	0.0038	3	
Cadmium	213.2	0.0010	0.0020	0.0020	0.0020	<1	
Chromium	200.8	0.005	0.019	0.020	0.020	5	
Cobalt	219.1	0.05	0.90	1.0	1.0	11	
Copper	220.1	0.05	0.98	0.99	0.98	1	
Iron	236.1	0.1	1.3	1.2	1.2	8	
Lead	239.2	0.002	0.019	0.019	0.019	<1	
Mercury	245.1	0.0005	0.0047	0.0048	0.0048	2	
Nickel	249.1	0.05	0.86	0.89	0.88	3	
Selenium	270.2	0.005	0.016	0.015	0.016	6	
Silver	272.1	0.025	0.89	0.93	0.91	4	
Sodium	273.1	0.5	4.0	3.9	4.0	3	
Thallium	279.2	0.002	0.016	0.016	0.016	<1	
Vanadium	200.8	0.002	0.026	0.026	0.026	<1	
Zinc	289.1	0.05	0.93	1.0	0.96	7	

U Not detected at or above the MRL.

Approved By: _____

Martha Marte

Date: _____

8/16/95

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Trail Ridge Landfill, Inc.
 Project: Trail Ridge/2nd Semiannual Monitoring Event
 Sample Matrix: Ground Water

Service Request: J9902108
 Date Collected: NA
 Date Received: NA
 Date Extracted: NA
 Date Analyzed: 7/28-8/10/99

Matrix Spike Summary
 Dissolved Metals
 Units: mg/L(ppm)

Sample Name: Batch QC
 Lab Code: Batch QC

Analyte	EPA Method	MRL	Spike Level	Sample Result	Spiked Sample Result	Percent Recovery	CAS	Result Note
							Percent Recovery Acceptance Limits	
Antimony	204.2	0.005	0.020	U	0.018	90	60-130	
Arsenic	206.2	0.005	0.020	U	0.019	95	80-120	
Barium	208.1	0.5	1.0	U	1.0	100	80-120	
Beryllium	210.2	0.0020	0.0040	U	0.0038	95	80-120	
Cadmium	213.2	0.0010	0.0020	U	0.0020	100	80-120	
Chromium	200.8	0.005	0.020	U	0.019	95	80-125	
Cobalt	219.1	0.05	1.0	U	0.90	90	80-120	
Copper	220.1	0.05	1.0	U	0.98	98	80-120	
Iron	236.1	0.1	1.0	0.3	1.3	100	80-120	
Lead	239.2	0.002	0.020	U	0.019	95	80-120	
Mercury	245.1	0.0005	0.0050	U	0.0047	94	80-120	
Nickel	249.1	0.05	1.0	U	0.86	86	80-120	
Selenium	270.2	0.005	0.020	U	0.016	80	70-120	
Silver	272.1	0.025	1.0	U	0.89	89	70-130	
Sodium	273.1	0.5	1.0	2.9	4.0	110	80-120	
Thallium	279.2	0.002	0.020	U	0.016	80	80-120	
Vanadium	200.8	0.002	0.025	U	0.026	104	80-120	
Zinc	289.1	0.05	1.0	U	0.93	93	80-120	

U Not detected at or above the MRL.

Approved By: Maureen Monte Date: 8/16/95

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Water

Service Request: J9902108
Date Collected: NA
Date Received: NA
Date Analyzed: 7/28-8/10/99

Laboratory Control Sample Summary
Dissolved Metals
Units: mg/L(ppm)

Analyte	EPA Method	TRUE VALUE	Result	Percent Recovery	CAS Percent Recovery Acceptance Limits
Antimony	204.2	0.020	0.019	95	60-130
Arsenic	206.2	0.020	0.017	85	80-120
Barium	208.1	1.0	1.0	100	80-120
Beryllium	210.2	0.0040	0.0039	98	80-120
Cadmium	213.2	0.0020	0.0020	100	80-120
Chromium	218.2	0.020	0.019	95	80-125
Cobalt	219.1	1.0	0.93	93	80-120
Copper	220.1	1.0	1.0	100	80-120
Iron	236.1	1.0	0.90	90	80-120
Lead	239.2	0.020	0.019	95	80-120
Mercury	245.1	0.0050	0.0047	94	80-120
Nickel	249.1	1.0	0.97	97	80-120
Selenium	270.2	0.020	0.016	80	70-120
Silver	272.1	1.0	0.80	80	70-130
Sodium	273.1	1.0	1.0	100	80-120
Thallium	279.2	0.020	0.016	80	80-120
Vanadium	200.8	0.025	0.022	88	80-120
Zinc	289.1	1.0	0.95	95	80-120

Approved By: Maureen Monte Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902108
Date Collected: NA
Date Received: NA
Date Extracted: NA
Date Analyzed: 7/21-26/99

Duplicate Summary
Inorganic Parameters

Sample Name: Batch QC
 Lab Code: Batch QC

Analyte	Units	EPA Method	MRL	Sample Result	Duplicate Sample Result	Average	Relative Percent Difference
Ammonia as N	mg/L (ppm)	350.3	0.1	U	U	U	<1
Chloride	mg/L (ppm)	300.0	0.2	0.55	0.53	0.54	3.7
Color	Color Units	110.2	5	5	5	5	<1
Nitrate as Nitrogen	mg/L (ppm)	300.0	0.2	U	U	U	<1
Solids, Total Dissolved	mg/L (ppm)	160.1	10	33	30	31.5	9.52

U Not detected at or above the MRL.

Approved By: Martin Mont Date: 8/16/99

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Ground Water

Service Request: J9902108
Date Collected: NA
Date Received: NA
Date Extracted: NA
Date Analyzed: 7/21-26/99

Matrix Spike Summary
Inorganic Parameters

Sample Name: Batch QC
Lab Code: Batch QC

Analyte	Units	EPA Method	MRL	Spike Level	Sample Result	Spiked Sample Result	Percent Recovery	CAS
								Percent Recovery Acceptance Limits
Ammonia as N	mg/L (ppm)	350.3	0.1	5	U	4.92	98.4	75-125
Chloride	mg/L (ppm)	300.0	0.2	5	0.55	4.66	82.2	75-125
Nitrate as Nitrogen	mg/L (ppm)	300.0	0.2	5	U	4.51	90.2	75-125

U Not detected at or above the MRL.

Approved By: _____

Maith Murti

Date: _____

8/16/95

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Trail Ridge Landfill, Inc.
Project: Trail Ridge/2nd Semiannual Monitoring Event
Sample Matrix: Water

Service Request: J9902108
Date Collected: NA
Date Received: NA
Date Analyzed: 7/21-26/99

**Laboratory Control Sample Summary
Inorganic Parameters**

Analyte	Units	EPA Method	TRUE Value	Result	Percent Recovery	CAS
						Percent Recovery Acceptance Limits
Ammonia as N	mg/L (ppm)	350.3	6.34	6.96	110	75-125
Chloride	mg/L (ppm)	300.0	10	10.6	106	75-125
Color	Color Units	110.2	25	25	100	80-120
Nitrate as Nitrogen	mg/L (ppm)	300.0	10	10.2	102	75-125
Solids, Total Dissolved	mg/L (ppm)	160.1	300	314	105	80-120

Approved By: _____

Maureen Morte

Date: _____

8/16/99

Client: Trail Ridge Landfill, Inc. Work order: J9902108

Project: Trail Ridge / Second Semiannual Monitoring Event 1999

Cooler received on 7/21/99 1515 and opened on 7/21/99 1515 by JMG

		<u>Yes</u>	<u>No</u>	<u>N/A</u>
1	Were custody seals on outside of cooler?	☐	☒	☐
	If yes, how many and where?			☒
	Were signature and date correct?	☐	☐	☒
2	Were custody papers properly filled out (ink, signed, etc....)?	☒	☐	☐
3	Did all bottles arrive in good condition (unbroken, etc....)?	☒	☐	☐
4	Were all bottle labels correct (analysis, preservation, etc....)?	☒	☐	☐
5	Did all bottle labels and tags agree with custody papers?	☒	☐	☐
6	Were correct bottles used for test indicated?	☒	☐	☐
7	Were VOA vials checked for absence of air bubbles, and noted?	☒	☐	☐
8	Temperature of cooler upon receipt	4 Degrees C		

Explain any discrepancies: Sample hand delivered by client.

		Yes	No
pH	Reagent		
12	NaOH		
2	HNO ₃	X	
2	H ₂ SO ₄	X	

No = Samples were preserved at lab as listed

Comments:

[illegible]

TRAIL RIDGE LANDFILL

FIELD REPORTS

PROJECT NAME				PROJECT #				COMPANY/ADDRESS				PHONE						
REPORT TO:																		
SAMPLE I.D.		DATE	TIME	SAMPLE MATRIX	NUMBER OF CONTAINERS		VOA'S METALS		EDG		AMMUNITION		TDS		DISS. METALS		REMARKS	
MWB-295	7-20	1628			7	3	1	1	1	1	1	1	1	1	1	1		
MWB-271	7-20	1701			7	3	1	1	1	1	1	1	1	1	1	1		
MWB-275	7-20	1724			7	3	1	1	1	1	1	1	1	1	1	1		
MWB-215	7-21	0724			7	3	1	1	1	1	1	1	1	1	1	1		
MWB-12D	7-21	0806			7	3	1	1	1	1	1	1	1	1	1	1		
MWB-12I	7-21	0821			7	3	1	1	1	1	1	1	1	1	1	1		
MWB-125	7-21	0833			7	3	1	1	1	1	1	1	1	1	1	1		
MWB-225	7-21	0859			7	3	1	1	1	1	1	1	1	1	1	1		
MWB-13I	7-21	0935			7	3	1	1	1	1	1	1	1	1	1	1		
MWB-27D	7-21	1041			7	3	1	1	1	1	1	1	1	1	1	1		
RELINQUISHED BY:		RECEIVED BY:		TURNAROUND REQUIREMENTS		REPORT REQUIREMENTS		INVOICE INFORMATION		SAMPLE RECEIPT:								
Signature: <i>[Signature]</i>		Signature: <i>[Signature]</i>		24 hr. _____ 48 hr. _____ 5 day _____		I. Routine Report _____		P.O.# _____		Shipping VIA: _____								
Printed Name: <i>[Name]</i>		Printed Name: <i>[Name]</i>		Standard (7-10 working days) _____		II. Report (includes DUP.MAS. MSD, as required, may be charged as samples) _____		Bill To _____		Shipping to: _____								
Firm: <i>[Firm]</i>		Firm: <i>[Firm]</i>		Provide Verbal Preliminary Results _____		III. Data Validation Report (includes All Raw Data) _____				Condition: _____								
Date/Time: <i>[Date/Time]</i>		Date/Time: <i>[Date/Time]</i>		Provide FAX Preliminary Results _____		IV. CLP Deliverable Report _____				Lab No: _____								
				Requested Report Date _____														
SPECIAL INSTRUCTIONS/COMMENTS:				SAMPLER'S SIGNATURE														

DISTRIBUTION: WHITE - return to originator; YELLOW - lab; PINK - retained by originator



CHAIN OF CUSTODY/LABORATORY ANALYSIS REPORT FORM

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DATE 7/21/99 PAGE 2 OF 4

PROJECT NAME <u>TRAIL RIDGE</u>				ANALYSIS REQUEST					
PROJECT # _____				NUMBER OF CONTAINERS					
COMPANY/ADDRESS _____				VOA's METALS					
REPORT TO: _____				FDB					
PHONE _____				Ammonia					
				TDS					
				DISS. METALS					
				REMARKS					
SAMPLE I.D.	DATE	TIME	SAMPLE MATRIX	TURNAROUND REQUIREMENTS	REPORT REQUIREMENTS	INVOICE INFORMATION	SAMPLE RECEIPT		
MWB-113	7/20/99	0922	GW	24 hr. _____ 48 hr. _____ 5 day _____ Standard (7-10 working days) Provide Verbal Preliminary Results Provide FAX Preliminary Results Requested Report Date _____	☐ I. Routine Report ☐ II. Report (includes DUP.MAS. MSD as required, may be charged as samples) ☐ III. Data Validation Report (includes All Raw Data) ☐ IV. CLP Deliverable Report	P.O.# _____ Bill To _____ Shipping VIA: _____ Shipping to: _____ Condition: _____ Lab No: _____			
MWB-111		0935							
MWB-203		1003							
MWB-7D		1027							
MWB-73		1048							
MWB-7I		1053							
MWB-19D		1203							
MWB-19I		1146							
MWB-195		1204							
MWB-17I		1243							
RELINQUISHED BY: <u>[Signature]</u> Signature <u>Dan Akeman</u> Printed Name <u>Dan Akeman</u> Firm <u>Geo-104</u> Date/Time <u>7-21-99 1515</u>				RECEIVED BY: <u>[Signature]</u> Signature <u>Don M. George</u> Printed Name <u>Don M. George</u> Firm <u>CMS</u> Date/Time <u>7/21/99 1515</u>				SPECIAL INSTRUCTIONS/COMMENTS:	
RECEIVED BY: _____ Signature _____ Printed Name _____ Firm _____ Date/Time _____				RECEIVED BY: _____ Signature _____ Printed Name _____ Firm _____ Date/Time _____				SAMPLER'S SIGNATURE	



CHAIN OF CUSTODY/LABORATORY ANALYSIS REPORT FORM

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DATE 7/26/99 PAGE 3 OF 4

PROJECT NAME <u>TRAIL RIDGE</u>				ANALYSIS REQUEST					
PROJECT # _____				REMARKS					
COMPANY/ADDRESS _____				Shipping VIA: _____					
REPORT TO: _____				Shipping to: _____					
PHONE _____				Condition: _____					
				Lab No: _____					
				P.O.# _____					
				Bill To _____					
				I. Routine Report _____					
				II. Report (includes DUP MAS, MSD, as required, may be charged as samples) _____					
				III. Data Validation Report (includes All Raw Data) _____					
				IV. CLP Deliverable Report _____					
SAMPLE I.D.	DATE	TIME	SAMPLE MATRIX	TURNAROUND REQUIREMENTS	REPORT REQUIREMENTS	INVOICE INFORMATION	SAMPLE RECEIPT:		
MWB-17S	7/26/99	1303	6W	24 hr. 48 hr. 5 day Standard (7-10 working days) Provide Verbal Preliminary Results Provide FAX Preliminary Results Requested Report Date	I. Routine Report II. Report (includes DUP MAS, MSD, as required, may be charged as samples) III. Data Validation Report (includes All Raw Data) IV. CLP Deliverable Report				
DUP 01		1302							
MWB-17D		1346							
MWB-3S		1414							
MWB-3I		1427							
MWB-31D		1503							
MWB-2S		1529							
MWB-2I		1544							
MWB-29I		1608							
DUP 02		1608							
RELINQUISHED BY: <u>[Signature]</u> Signature <u>Dan Armer</u> Printed Name <u>Dan Armer</u> Firm <u>Per Tech</u> Date/Time <u>7-26-99 1545</u>				RECEIVED BY: <u>[Signature]</u> Signature <u>Jan Smith</u> Printed Name <u>Jan Smith</u> Firm <u>CAS</u> Date/Time <u>7/26/99 1515</u>				SPECIAL INSTRUCTIONS/COMMENTS:	
RELINQUISHED BY: _____				RECEIVED BY: _____				SAMPLER'S SIGNATURE	
Signature _____				Signature _____					
Printed Name _____				Printed Name _____					
Firm _____				Firm _____					
Date/Time _____				Date/Time _____					

CHAIN OF CUSTODY/LABORATORY ANALYSIS REPORT FORM

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DATE 7/24/99 PAGE 4 OF 4

OF

[illegible]

FIELD INFORMATION FORM

TRAIL RIDGE

Site #

Bottle Set:

Sample Point:

Source Code

PURG
INFO

PURGE DATE
(YY MM DD)

START PURGE
(2400 Hr Clock)

ELAPSED HRS

WATER VOL. IN CASING
(Gallons)

ACTUAL VOLUME PURGED
(Gallons)

PURG & SAMPLING EQUIP

Purging Equipment Dedicated ☒ Y ☐ N

Sampling Equipment Dedicated ☒ Y ☐ N

Purging Device	☒ C	A-Submersible Pump	D-Gas Lift Pump	G-Bailer	X- _____
					PURGING OTHER (SPECIFY)
Sampling Device	☒ C	B-Peristaltic Pump	E-Venturi Pump	H-Scoop/Shovel	X- _____
		C-Bladder Pump	F-Dipper/Bottle	I-Piston Pump	SAMPLING OTHER (SPECIFY)
Purging Material	☒ A	A-Teflon	C-Polypropylene	E-Polyethylene	X- _____
					PURGING OTHER (SPECIFY)
Sampling Material	☒ A	B-Stainless Steel	D-PVC		X- _____
					SAMPLING OTHER (SPECIFY)
Tubing-Purging	☒ G	A-Teflon	D-Polypropylene	F-Silicon	X- _____
					PURGING OTHER (SPECIFY)
Tubing-Sampling	☒ G	B-Tygon	E-Polyethylene	G-Combination teflon/ Polypropylene	X- _____
		C-Rope X- _____			SAMPLING OTHER (SPECIFY)
Filtering Devices 0.45 μ	☒	A-In-line Disposable	B-Pressure	C-Vacuum	

FIELD MEASUREMENTS

Well Elevation	<u>1138.02</u> (ft/msl)	Land Surface Elevation	<u> </u> (ft/msl)
Depth to water	<u> </u> (ft)	Depth to water	<u> </u> (ft)
From top of well casing		From land surface	
Groundwater Elevation	<u>1130.69</u> (ft/msl)	Groundwater Elevation	<u> </u> (ft/msl)
Well Depth	<u>2000</u> (ft)	Stickup	<u> </u> (ft)

1st	<u>4.61</u> (STD)	1st	<u>43</u> μ m/cm at 25° C	Sample Temp.	<u>23.4</u> (° C)
	ph		spec cond		
2nd	<u> </u> (STD)	2nd	<u> </u> μ m/cm at 25° C	<u>TURB</u> (other parameter)	<u>2.33</u> value
	ph		spec cond		<u>NTU</u> units
3rd	<u> </u> (STD)	3rd	<u> </u> μ m/cm at 25° C	<u>0.0</u> (other parameter)	<u>1.3</u> value
	ph		spec cond		<u> </u> units
4th	<u> </u> (STD)	4th	<u> </u> μ m/cm at 25° C	<u> </u> (other parameter)	<u> </u> value
	ph		spec cond		<u> </u> units

Sample Appearance: CLAR (if applicable) Odor: ODOR Color: NONE Turbidity: LOW

Weather Conditions: Wind Speed CALM Direction VAR Precipitation Y/N NO Outlook MAZ 90°F

Specific Comments: _____

FIELD COMMENTS

CALC: $20.00 - 7.33 = 12.67 \times 0.163 = 2.065 \times 3 = 6.195$ gals

Flow: $11 \times 4 = 44 \div 60 = 0.733 \times 6.195 = 4.543$ min

ACTUAL: $16 \text{ min} \div 0.733 = 21.83$ gal

SPEC. COND: $4.32 \times 10 = 43.2$ Vis Stem = NONE

I certify that sampling procedures were in accordance with applicable EPA, State and WMI protocols.

7/20/99 (Date) (Signature) Employer: PA-TECH

FIELD INFORMATION FORM

TRAIL RIDGE

Site #

Bottle Set:

Sample Point:

Source Code

PURG
INFO

990720

PURGE DATE
(YY MM DD)

1646

START PURGE
(2400 Hr Clock)

03

ELAPSED HRS

3.0

WATER VOL IN CASING
(Gallons)

18.8

ACTUAL VOLUME PURGED
(Gallons)

Purging EquipmentDedicated ☒ Y ☐ N

Sampling EquipmentDedicated ☒ Y ☐ N

PURG & SAMPLING EQUIP

Purging Device	☒ C	A-Submersible Pump	D-Gas Lift Pump	G-Bailer	X-	
Sampling Device	☒ C	B-Peristaltic Pump	E-Venturi Pump	H-Scoop/Shovel	X-	
		C-Bladder Pump	F-Dipper/Bottle	I-Piston Pump		
Purging Material	☒ P	A-Teflon	C-Polypropylene	E-Polyethylene	X-	
Sampling Material	☒ A	B-Stainless Steel	D-PVC		X-	
Tubing-Purging	☒ G	A-Teflon	D-Polypropylene	F-Silicon	X-	
Tubing-Sampling	☒ G	B-Tygon	E-Polyethylene	G-Combination teflon/ Polypropylene	X-	
		C-Rope X-	(SPECIFY)			
Filtering Devices 0.45 μ	☒ -	A-In-line Disposable	B-Pressure	C-Vacuum		

FIELD MEASUREMENTS

Well Elevation	128.63 (ft/msl)	Land Surface Elevation	
Depth to water From top of well casing	6.10 (ft)	Depth to water From land surface	
Groundwater Elevation	122.53 (ft/msl)	Groundwater Elevation	
Well Depth	62.50 (ft)	Stickup	

1st	5.56 (STD)	1st	58.0 μ m/cm at 25° C
	ph		spec cond
2nd		2nd	
	ph		spec cond
3rd		3rd	
	ph		spec cond
4th		4th	
	ph		spec cond

Sample Temp.	22.8 (°C)
Turb	125.1 NTU
(other parameter)	value units
D.O.	0.8 mg/L
(other parameter)	value units
(other parameter)	value units

FIELD COMMENTS

Sample Appearance: cloudy Odor: odor Color: whitish Turbidity: TURBID
Weather Conditions: Wind Speed: CALM Direction: VAR Precipitation Y/NO Outlook: Hazy 90°F
Specific Comments: Purge Misch @ 44.00 S+TOL

CALC: $62.50 - 44.00 = 18.5 \times 0.163 = 3.016 \times 3 = 9.046$ gal
Flow: $12 \times 4 = 48; 60 = 0.8 \times 9.046 = 7.237$ min
ACTUAL: $15 \text{ min} \div 0.8 = 18.75$ gal
SPEC COND: $5.80 \times 10 = 58.0$ Vio Sherm = None

I certify that sampling procedures were in accordance with applicable EPA, State and WMI protocols.

7/20/99

(Signature)

Employer:

Pro-Tech

FIELD INFORMATION FORM

TRAIL RIDGE

Site #
 Bottle Set:
 Sample Point: W MWB275
 Source Code

PURGE INFO
 PURGE DATE (YY MM DD) 990720 START PURGE (2400 Hr Clock) 1710 ELAPSED HRS 02 WATER VOL. IN CASING (Gallons) 15 ACTUAL VOLUME PURGED (Gallons) 19.1

Purging EquipmentDedicated (Y) (N) Sampling EquipmentDedicated (Y) (N)
 Purging Device C A-Submersible Pump D-Gas Lift Pump G-Bailer X-
 Sampling Device C B-Peristaltic Pump E-Venturi Pump H-Scoop/Shovel X-
 C-Bladder Pump F-Dipper/Bottle I-Piston Pump
 Purging Material A A-Teflon C-Polypropylene E-Polyethylene X-
 Sampling Material A B-Stainless Steel D-PVC X-
 Tubing-Purging G A-Teflon D-Polypropylene F-Silicon X-
 Tubing-Sampling G B-Tygon E-Polyethylene G-Combination teflon/ X-
 C-Rope X- (SPECIFY) Polypropylene
 Filtering Devices 0.45 μ - A-In-line Disposable B-Pressure C-Vacuum

Well Elevation 1128.42 (ft/msl) Land Surface Elevation (ft/msl)
 Depth to water From top of well casing (ft) Depth to water From land surface (ft)
 Groundwater Elevation 1122.22 (ft/msl) Groundwater Elevation (ft/msl)
 Well Depth (ft) Stickup (ft)
 1st 5.33 (STD) 1st 6.2 μ m/cm at 25° C Sample Temp. 23.4 (°C)
 ph spec cond (other parameter) value units
 2nd (STD) 2nd μ m/cm at 25° C TURB 33.5 NV
 ph spec cond (other parameter) value units
 3rd (STD) 3rd μ m/cm at 25° C D.O. 11.7 mg/L
 ph spec cond (other parameter) value units
 4th (STD) 4th μ m/cm at 25° C
 ph spec cond (other parameter) value units

Sample Appearance: SLT. 4000Y (if applicable) Odor: ODOR Color: BROWNISH TINT Turbidity: SLT. TURBID
 Weather Conditions: Wind Speed CALM Direction VAR Precipitation NO Outlook Hazy 90° F
 Specific Comments:

COMMENTS
Calc: 15.50 - 6.20 = 9.30 x 0.163 = 1.52 x 3 = 4.548 gallons
Flow: 11 x 4 = 44 / 60 = 0.733 x 4.548 = 3.335 m/L
Actual: 14 min / 0.733 = 19.10 gal
Spec. COND: 6.16 x 10 = 61.6 Y12 Screen = None
 I certify that sampling procedures were in accordance with applicable EPA, State and WMI protocols.
7/20/99 [Signature] Employer: Pro-Tech
 (Date) (Signature)

FIELD INFORMATION FORM

Site #

Bottle Set:

Sample Point:

Source Code

TRAIL RIDGE

9	9	0	7	2	1
---	---	---	---	---	---

PURGE DATE
(YY MM DD)

0	7	●	1	9
---	---	---	---	---

START PURGE
(2400 Hr Clock)

1	0	3
---	---	---

ELAPSED HRS

				(	)
--	--	--	--	---	---

WATER VOL IN CASING
(Gallons)

			2	0.5

ACTUAL VOLUME PURGED
(Gallons)

Purging EquipmentDedicated | Y | N |

Sampling EquipmentDedicated ☒ Y ☐ N (circle one)

Purging Device ☒ A-Submersible Pump D-Gas Lift Pump G-Bailer X- _____

Sampling Device ☒ B-Peristaltic Pump ☐ E-Venturi Pump ☐ H-Scoop/Shovel ☒ X- _____

C-Bladder Pump F-Dipper/Bottle I-Piston Pump SAW AND OTHER (SPECIFY) _____

Purging Material A A-Teflon C-Polypropylene E-Polyethylene X- _____

Sampling Material ☒ A B-Stainless Steel ☐ D-PVC ☒ X- _____

Tubing-Purging	G	A-Teflon	D-Polynpropylene	F-Silicon	X-
----------------	---	----------	------------------	-----------	----

Tubing-Sampling ☒ B-Tygon ☐ E-Polyethylene ☐ G-Combination teflon/ X- ☐ PURGING OTHER (SPECIFY) _____

C-Rope X- _____ Polypropylene

Filtering Devices 0.45 μ : ☐ A-In-line Disposable ☐ B-Pressure ☐ C-Vacuum

Well Elevation

1	2	2	8	4
---	---	---	---	---

 (ft/msl) | Land Surface Elevation

--	--	--	--	--

 (ft/msl)

Depth to water
From top of well casing

Depth to water
From land surface

Groundwater Elevation (ft/msl) Groundwater Elevation (ft/msl)

Well Depth (ft) | Stickup (ft)

1st

	4	1	7
--	---	---	---

 (STD)

			5	3
--	--	--	---	---

 $\mu\text{m}/\text{cm}$ at 25° C | Sample Temp.

	2	3	0
--	---	---	---

 (° C)

2nd  (STD)  2nd  $\mu\text{m}/\text{cm}$
at 25° C

 (other parameter)  value  units

3rd  (STD)  3rd  $\mu\text{m}/\text{cm}$
at 25° C  (other parameter)  value  units

4th  (STD)  $\mu\text{m}/\text{cm}$ at 25° C  (other parameter)  value  units

Sample Appearance: SLT. CLOUDY (if applicable) Odor: ODOR Color: BROWN TINT Turbidity: SLT. TURBID

Weather Conditions: Wind Speed calm Direction VAR Precipitation Y/N N Outlook hazy 85°F

Specific Comments: _____

CALC: $18.00 - 11.20 = 6.80 \times 0.163 = 1.108 \times 3 = 3.325$

$$Flow\ 1184 = 44,60 = 0.733 \times 3.325 = 2.437\ m.-$$

Actual: $15 \text{ min} \div 0,733 = 20,46 \text{ gal}$

SPEC. COND. $5.27 \times 10 = 52.7$ Vis Spec = None

I certify that sampling procedures were in accordance with applicable EPA, State and WMI protocols.

7/4/77 (Date)  (Signature) Employer: Wesley

(Date) _____ (Signature) _____

FIELD INFORMATION FORM

TRAIL RIDGE

Site #
 Bottle Set:
 Sample Point: W M W B 1 2 D
 Source Code

PURG
INFO

990721

PURGE DATE
(YY MM DD)

07:51

START PURGE
(2400 Hr Clock)

0.3

ELAPSED HRS

24

WATER VOL IN CASING
(Gallons)

13.2

ACTUAL VOLUME PURGED
(Gallons)

PURG & SAMPLING EQUIP

Purging Equipment Dedicated (N) (N)

Sampling Equipment Dedicated (N) (N)

Purging Device	<u>C</u>	A-Submersible Pump	D-Gas Lift Pump	G-Bailer	X-	PURGING OTHER (SPECIFY)
Sampling Device	<u>C</u>	B-Peristaltic Pump	E-Venturi Pump	H-Scoop/Shovel	X-	SAMPLING OTHER (SPECIFY)
		C-Bladder Pump	F-Dipper/Bottle	I-Piston Pump		
Purging Material	<u>A</u>	A-Teflon	C-Polypropylene	E-Polyethylene	X-	PURGING OTHER (SPECIFY)
Sampling Material	<u>A</u>	B-Stainless Steel	D-PVC		X-	SAMPLING OTHER (SPECIFY)
Tubing-Purging	<u>G</u>	A-Teflon	D-Polypropylene	F-Silicon	X-	PURGING OTHER (SPECIFY)
Tubing-Sampling	<u>G</u>	B-Tygon	E-Polyethylene	G-Combination teflon/ Polypropylene	X-	SAMPLING OTHER (SPECIFY)
		C-Rope X-	(SPECIFY)			
Filtering Devices 0.45 μ :	<u>-</u>	A-In-line Disposable	B-Pressure	C-Vacuum		

FIELD MEASUREMENTS

Well Elevation	<u>1124.56</u> (ft/msl)	Land Surface Elevation	<u> </u> (ft/msl)
Depth to water from top of well casing	<u>69.7</u> (ft)	Depth to water from land surface	<u> </u> (ft)
Groundwater Elevation	<u>1117.59</u> (ft/msl)	Groundwater Elevation	<u> </u> (ft/msl)
Well Depth	<u>1120.0</u> (ft)	Stickup	<u> </u> (ft)

1st	<u>6.86</u> (STD)	1st	<u>362</u> μ m/cm at 25° C	Sample Temp.	<u>22.0</u> (° C)
	ph		spec cond		
2nd	<u> </u> (STD)	2nd	<u> </u> μ m/cm at 25° C	<u>Turb</u>	<u>4.16</u> <u>NTU</u>
	ph		spec cond		value units
3rd	<u> </u> (STD)	3rd	<u> </u> μ m/cm at 25° C	<u>D.O.</u>	<u>0.9</u>
	ph		spec cond		value units
4th	<u> </u> (STD)	4th	<u> </u> μ m/cm at 25° C	<u> </u>	<u> </u>
	ph		spec cond		(other parameter) value units

COMMENTS

Sample Appearance: CLEAR (if applicable) Odor: NDNS Color: NDNS Turbidity: LOW
 Weather Conditions: Wind Speed CALM Direction VAR Precipitation Y/N O Outlook Hazy 90°F
 Specific Comments: Purge used @ 97.50 ft TOC

CALC: $112.00 - 97.50 = 14.50 \times 0.163 = 2.363 \times 3 = 7.091$ gallons
 Flow: $17 \times 4 = 68 \div 60 = 1.133 \times 7.091 = 8.033$ min
 ACTUAL: $15 \text{ min} \div 1.133 = 13.24$ gal
 SPEC. COND: $3.62 \times 100 = 362$ μ S/cm
 Vis. Sheen: None

I certify that sampling procedures were in accordance with applicable EPA, State and WMI protocols.

Date: 7/21/99 Signature: [Signature] Employer: Pro-Tech

FIELD INFORMATION FORM

TRAIL RIDGE

Site #

Bottle Set:

Sample Point:

Source Code

PURG
INFO

79 02 21

PURGE DATE
(YY MM DD)

07:47

START PURGE
(2400 Hr Clock)

0

ELAPSED HRS

87

WATER VOL. IN CASING
(Gallons)

364

ACTUAL VOLUME PURGED
(Gallons)

PURG & SAMPLING EQUIP

Purging Equipment Dedicated ☒ (circle one) N

Sampling Equipment Dedicated ☒ (circle one) N

Purging Device	☒ A-Submersible Pump	☐ D-Gas Lift Pump	☐ G-Bailer	X-	_____
					PURGING OTHER (SPECIFY)
Sampling Device	☒ B-Peristaltic Pump	☐ E-Venturi Pump	☐ H-Scoop/Shovel	X-	_____
	☐ C-Bladder Pump	☐ F-Dipper/Bottle	☐ I-Piston Pump		SAMPLING OTHER (SPECIFY)
Purging Material	☒ A-Teflon	☐ C-Polypropylene	☐ E-Polyethylene	X-	_____
					PURGING OTHER (SPECIFY)
Sampling Material	☒ B-Stainless Steel	☐ D-PVC		X-	_____
					SAMPLING OTHER (SPECIFY)
Tubing-Purging	☒ A-Teflon	☐ D-Polypropylene	☐ F-Silicon	X-	_____
					PURGING OTHER (SPECIFY)
Tubing-Sampling	☒ B-Tygon	☐ E-Polyethylene	☐ G-Combination teflon/ Polypropylene	X-	_____
	☐ C-Rope X- _____	(SPECIFY)			SAMPLING OTHER (SPECIFY)
Filtering Devices 0.45 μ :	☒ A-In-line Disposable	☐ B-Pressure	☐ C-Vacuum		

FIELD MEASUREMENTS

Well Elevation	1124.62 (ft/msl)	Land Surface Elevation	_____ (ft/msl)
Depth to water From top of well casing	9.41 (ft)	Depth to water From land surface	_____ (ft)
Groundwater Elevation	1115.21 (ft/msl)	Groundwater Elevation	_____ (ft/msl)
Well Depth	62.50 (ft)	Stickup	_____ (ft)

1st	5.51 (STD)	1st	4.6 μ m/cm at 25° C	Sample Temp.	22.1 (° C)
	ph		spec cond		
2nd	_____ (STD)	2nd	_____ μ m/cm at 25° C	Turb	3.11
	ph		spec cond		value
3rd	_____ (STD)	3rd	_____ μ m/cm at 25° C	D.O.	1.1
	ph		spec cond		value
4th	_____ (STD)	4th	_____ μ m/cm at 25° C		
	ph		spec cond		value

FIELD COMMENTS

Sample Appearance: CLEAR (if applicable) Odor: SLIGHT Color: NONE Turbidity: LOW
 Weather Conditions: Wind Speed CALM Direction VAR Precipitation ☒ Outlook HAZY 85F
 Specific Comments: _____

CALC: $62.50 - 9.41 = 53.09 \times 0.163 = 8.654 \times 3 = 25.961$ gallons
 Flow: $14 \times 4 = 56 \div 60 = 0.933 \times 25.961 = 24.222$ min.
 ACTUAL: $34 \text{ min} \div 0.933 = 36.44$ min.
 Spec COND: $4.6 \times 10 = 46.1$ V/S Sheen = None

I certify that sampling procedures were in accordance with applicable EPA, State and WMI protocols.

7/21/11

(Date)

Employer:

Pro Ben

TRAIL RIDGE

Source Code

ACTUAL VOLUME PURGED
(Gallons)

Employer:

FIELD INFORMATION FORM

Site #

Bottle Set:

Sample Point:

Source Code

Trail Ridge

PURG INFO

PURGE DATE (YY MM DD)

START PURGE (2400 Hr Clock)

ELAPSED HRS

WATER VOL IN CASING (Gallons)

ACTUAL VOLUME PURGED (Gallons)

PURG & SAMPLING EQUIP

Purging EquipmentDedicated ☒ N

Sampling EquipmentDedicated ☒ N

Purging Device	☒ C	A-Submersible Pump	D-Gas Lift Pump	G-Bailer	X-	PURGING OTHER (SPECIFY)
Sampling Device	☒ L	B-Peristaltic Pump	E-Venturi Pump	H-Scoop/Shovel	X-	SAMPLING OTHER (SPECIFY)
		C-Bladder Pump	F-Dipper/Bottle	I-Piston Pump		
Purging Material	☒ A	A-Teflon	C-Polypropylene	E-Polyethylene	X-	PURGING OTHER (SPECIFY)
Sampling Material	☒ A	B-Stainless Steel	D-PVC		X-	SAMPLING OTHER (SPECIFY)
Tubing-Purging	☒ G	A-Teflon	D-Polypropylene	F-Silicon	X-	PURGING OTHER (SPECIFY)
Tubing-Sampling	☒ G	B-Tygon	E-Polyethylene	G-Combination teflon/ Polypropylene	X-	SAMPLING OTHER (SPECIFY)
		C-Rope X-	(SPECIFY)			
Filtering Devices 0.45 μ	☒ -	A-In-line Disposable	B-Pressure	C-Vacuum		

FIELD MEASUREMENTS

Well Elevation	<u>1126.97</u> (ft/msl)	Land Surface Elevation	<u> </u> (ft/msl)
Depth to water From top of well casing	<u>111.64</u> (ft)	Depth to water From land surface	<u> </u> (ft)
Groundwater Elevation	<u>111.533</u> (ft/msl)	Groundwater Elevation	<u> </u> (ft/msl)
Well Depth	<u>26.00</u> (ft)	Stickup	<u> </u> (ft)

1st	<u>4.83</u> (STD) ph	1st	<u>9.5</u> μ m/cm at 25° C spec cond
2nd	<u> </u> (STD) ph	2nd	<u> </u> μ m/cm at 25° C spec cond
3rd	<u> </u> (STD) ph	3rd	<u> </u> μ m/cm at 25° C spec cond
4th	<u> </u> (STD) ph	4th	<u> </u> μ m/cm at 25° C spec cond

Sample Temp.	<u>23.4</u> (° C)
<u>TLAS</u> (other parameter)	<u>3.21</u> value <u>NTU</u> units
<u>D.O.</u> (other parameter)	<u>1.6</u> value <u>mg/L</u> units
<u> </u> (other parameter)	<u> </u> value <u> </u> units

FIELD COMMENTS

Sample Appearance: CLEAR (if applicable) Odor: NONE Color: NONE Turbidity: LOW

Weather Conditions: Wind Speed CALM Direction VAR Precipitation Y/N NO Outlook HAZY 90%

Specific Comments: Completed DUP03 @ MWB22S

CALC: $26.00 - 11.64 = 14.36 \times 0.163 = 2.341 \times 3 = 7.022$ gal

Flow: $10 \times 4 = 40 \div 60 = 0.667 \times 7.022 = 4.681$ m³/min

ACTUAL: $15 \text{ m}^3/\text{min} \div 0.667 = 22.49$ gal

SPEC COND: $9.46 \times 10 = 94.6$ Vis. Stem = NONE

I certify that sampling procedures were in accordance with applicable EPA, State and WMI protocols.

7/21/99 (Date) [Signature] (Signature)

Employer: Pro-Tech

FIELD INFORMATION FORM

Trail Ridge

Site #

Bottle Set:

Sample Point:

Source Code

PURGE INFO

99 07 21

PURGE DATE (YY MM DD)

09 13

START PURGE (2400 Hr Clock)

04

ELAPSED HRS

68

WATER VOL. IN CASING (Gallons)

288

ACTUAL VOLUME PURGED (Gallons)

PURG & SAMPLING EQUIP

Purging Equipment Dedicated ☒ (circle one) N

Sampling Equipment Dedicated ☒ (circle one) N

Purging Device	☒ C	A-Submersible Pump	D-Gas Lift Pump	G-Bailer	X-	PURGING OTHER (SPECIFY)
Sampling Device	☒ C	B-Peristaltic Pump	E-Venturi Pump	H-Scoop/Shovel	X-	SAMPLING OTHER (SPECIFY)
		C-Bladder Pump	F-Dipper/Bottle	I-Piston Pump		
Purging Material	☒ A	A-Teflon	C-Polypropylene	E-Polyethylene	X-	PURGING OTHER (SPECIFY)
Sampling Material	☒ A	B-Stainless Steel	D-PVC		X-	SAMPLING OTHER (SPECIFY)
Tubing-Purging	☒ G	A-Teflon	D-Polypropylene	F-Silicon	X-	PURGING OTHER (SPECIFY)
Tubing-Sampling	☒ G	B-Tygon	E-Polyethylene	G-Combination teflon/ Polypropylene	X-	SAMPLING OTHER (SPECIFY)
		C-Rope X-	(SPECIFY)			
Filtering Devices 0.45 μ	☒ -	A-In-line Disposable	B-Pressure	C-Vacuum		

FIELD MEASUREMENTS

Well Elevation	112598 (ft/msl)	Land Surface Elevation	
Depth to water From top of well casing	11887 (ft)	Depth to water From land surface	
Groundwater Elevation	110711 (ft/msl)	Groundwater Elevation	
Well Depth	16048 (ft)	Stickup	

1st	524 (STD) ph	1st	40 μ m/cm at 25° C spec cond	Sample Temp.	22.3 (° C)
2nd	STD ph	2nd	spec cond μ m/cm at 25° C	Turb	26.8 NTU
3rd	STD ph	3rd	spec cond μ m/cm at 25° C	D.O	1.4 mg/l
4th	STD ph	4th	spec cond μ m/cm at 25° C		

Sample Appearance: SLT. CLOUDY (if applicable) Odor: SLIGHT Color: LT. BROWN Turbidity: SLT. TURBID

Weather Conditions: Wind Speed CALM Direction VAR Precipitation Y/D Outlook Hazy 90F

Specific Comments:

FIELD COMMENTS

CALC: $60.48 - 18.87 = 41.66 \times 0.163 = 6.782 \times 3 = 20.347$ gal

Flow: $12 \times 4 = 48 \div 60 = 0.8 \times 20.347 = 16.278$ min

ACTUAL: $23 \text{ min} \div 0.8 = 28.75$ min

SPEC COND: $4.03 \times 10 = 40.3$ Vis. Sheen = NONE

I certify that sampling procedures were in accordance with applicable EPA, State and WMI protocols.

7/21/99

(Signature)

Employer: Pro-Tech

FIELD INFORMATION FORM

TRAIL RIDGE

Site #

Bottle Set:

Sample Point:

Source Code

PURG
INFO

PURGE DATE
(YY MM DD)

10 07 21

START PURGE
(2400 Hr Clock)

10 02 5

ELAPSED HRS

03

WATER VOL IN CASING
(Gallons)

33

ACTUAL VOLUME PURGED
(Gallons)

160

PURG & SAMPLING EQUIP

Purging Equipment Dedicated ☒ (circle one) | N |

Sampling Equipment Dedicated ☒ (circle one) | N |

Purging Device	☒ C	A-Submersible Pump	D-Gas Lift Pump	G-Bailer	X-	PURGING OTHER (SPECIFY)
Sampling Device	☒ C	B-Peristaltic Pump	E-Venturi Pump	H-Scoop/Shovel	X-	SAMPLING OTHER (SPECIFY)
		C-Bladder Pump	F-Dipper/Bottle	I-Piston Pump		
Purging Material	☒ A	A-Teflon	C-Polypropylene	E-Polyethylene	X-	PURGING OTHER (SPECIFY)
Sampling Material	☒ A	B-Stainless Steel	D-PVC		X-	SAMPLING OTHER (SPECIFY)
Tubing-Purging	☒ G	A-Teflon	D-Polypropylene	F-Silicon	X-	PURGING OTHER (SPECIFY)
Tubing-Sampling	☒ C	B-Tygon	E-Polyethylene	G-Combination teflon/ Polypropylene	X-	SAMPLING OTHER (SPECIFY)
		C-Rope X-	(SPECIFY)			
Filtering Devices 0.45 μ :	☒	A-In-line Disposable	B-Pressure	C-Vacuum		

FIELD MEASUREMENTS

Well Elevation	128.88 (ft/msl)	Land Surface Elevation	
Depth to water From top of well casing	6.54 (ft)	Depth to water From land surface	
Groundwater Elevation	122.34 (ft/msl)	Groundwater Elevation	
Well Depth	110.00 (ft)	Stickup	

1st	5.95 (STD) ph	1st	110.9 μ m/cm spec cond at 25° C	Sample Temp.	
2nd		2nd		TURB	2.41
3rd		3rd		0.9	0.8
4th		4th			

FIELD COMMENTS

Sample Appearance: clear (if applicable) Odor: NONE Color: NONE Turbidity: LOW
 Weather Conditions: Wind Speed Calm Direction VAR Precipitation Y/N NO Outlook Hazy 90°F
 Specific Comments: Purge from 90.00 ft TOC

Calc: $110.00 - 90.00 = 20.00 \times 0.163 = 3.26 \times 3 = 9.78 \text{ gal}$
 Flow: $15 \times 4 = 60 \div 60 = 1 \times 9.78 = 9.78 \text{ min}$
 ACTUAL: $16 \text{ min} \div 1 = 16 \text{ gal}$
 SPEC COND: $10.92 \times 10 = 109.2$ Vis Spec: NONE

I certify that sampling procedures were in accordance with applicable EPA, State and WMI protocols.

7/1/99
(Date)

(Signature)

Employer: PLA-GR

Trail Ridge

Source Code

PURGE DATE
(YY MM DD)

START PURGE
(2400 Hz Clock)

ELAPSED HRS

WATER VOL. IN CASING
(Gallons)

ACTUAL VOLUME PURGED
(Gallons)

Employer: Peterson

FIELD COMMENTS

TAIL RIDE

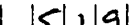
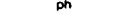
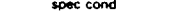
35.8

ACTUAL VOLUME PURGED
(Gallons)

Sampling EquipmentDedicated ☒ Y ☐ N

Purging Device	<u>C</u>	A-Submersible Pump	D-Gas Lift Pump	G-Bailer	X-	_____
						PURGING OTHER (SPECIFY)
Sampling Device	<u>C</u>	B-Peristaltic Pump	E-Venturi Pump	H-Scoop/Shovel	X-	_____
		C-Bladder Pump	F-Dipper/Bottle	I-Piston Pump		SAMPLING OTHER (SPECIFY)
Purging Material	<u>A</u>	A-Teflon	C-Polypropylene	E-Polyethylene	X-	_____
						PURGING OTHER (SPECIFY)
Sampling Material	<u>A</u>	B-Stainless Steel	D-PVC		X-	_____
						SAMPLING OTHER (SPECIFY)
Tubing-Purging	<u>G</u>	A-Teflon	D-Polypropylene	F-Silicon	X-	_____
						PURGING OTHER (SPECIFY)
Tubing-Sampling	<u>G</u>	B-Tygon	E-Polyethylene	G-Combination teflon/	X-	_____
		C-Rope X-	(SPECIFY)	Polypropylene		SAMPLING OTHER (SPECIFY)
Filtering Devices	<u>A</u>	A-In-line Disposable	B-Pressure	C-Vacuum		

Well Elevation		(ft/msl)	Land Surface Elevation		(ft/msl)
Depth to water From top of well casing		(ft)	Depth to water From land surface		(ft)
Groundwater Elevation		(ft/msl)	Groundwater Elevation		(ft/msl)
Well Depth		(ft)	Stickup		(ft)

1st		(STD)	1st		$\mu\text{m/cm}$ at 25° C	Sample Temp.		(° C)
	ph			spec cond				
2nd		(STD)	2nd		$\mu\text{m/cm}$ at 25° C			
	ph			spec cond		(other parameter)	value	units
3rd		(STD)	3rd		$\mu\text{m/cm}$ at 25° C			
	ph			spec cond		(other parameter)	value	units
4th		(STD)	4th		$\mu\text{m/cm}$ at 25° C			
	ph			spec cond		(other parameter)	value	units

Sample Appearance: CLOUDY (if applicable) Odor: ODOR Color: Whitish/TAN Turbidity: TURBID
Weather Conditions: Wind Speed Calu Direction VAR Precipitation Yr 10 Outlook Hazy 90°F
Specific Comments: _____

CALC: $62.50 - 4.80 = 57.7 \times 0.163 = 9.405 \times 3 = 28.215$
 Flow: $13 \times 4 = 52 \div 60 = 0.867 \times 28.215 = 24.45 \text{ min}$
 ACTUAL: $31 \text{ min} \div 0.867 = 35.76$
 SPEC COND: $5.71 \times 10 = 57.1$

I certify that sampling ~~procedures~~ were in accordance with applicable EPA, State and WMI protocols.

Employer: Pro-Tec

FOR EML
USE ONLYFOR EML
USE ONLY

TRAIL RIDGE

Site #

Bottle
Set:Sample
Point:

Source Code

PURG
INFO990720
PURGE DATE
(YY MM DD)0949
START PURGE
(2400 Hr Clock)02
ELAPSED HRS1.8
WATER VOL. IN CASING
(Gallons)117.5
ACTUAL VOLUME PURGED
(Gallons)Purging EquipmentDedicated ☒ ☐ NSampling EquipmentDedicated ☒ ☐ N

PURG & SAMPLING EQUIP

Purging Device	☒ C	A-Submersible Pump	D-Gas Lift Pump	G-Bailer	X-	PURGING OTHER (SPECIFY)
Sampling Device	☒ C	B-Peristaltic Pump	E-Venturi Pump	H-Scoop/Shovel	X-	SAMPLING OTHER (SPECIFY)
		C-Bladder Pump	F-Dipper/Bottle	I-Piston Pump		
Purging Material	☒ A	A-Teflon	C-Polypropylene	E-Polyethylene	X-	PURGING OTHER (SPECIFY)
Sampling Material	☒ A	B-Stainless Steel	D-PVC		X-	SAMPLING OTHER (SPECIFY)
Tubing-Purging	☒ G	A-Teflon	D-Polypropylene	F-Silicon	X-	PURGING OTHER (SPECIFY)
Tubing-Sampling	☒ G	B-Tygon	E-Polyethylene	G-Combination teflon/ Polypropylene	X-	SAMPLING OTHER (SPECIFY)
		C-Rope X-	(SPECIFY)			
Filtering Devices 0.45 μ :	☒	A-In-line Disposable	B-Pressure	C-Vacuum		

FIELD MEASUREMENTS

Well Elevation	121.01 (ft/msl)	Land Surface Elevation	
Depth to water From top of well casing	8.84 (ft)	Depth to water From land surface	
Groundwater Elevation	112.17 (ft/msl)	Groundwater Elevation	
Well Depth	20.00 (ft)	Stickup	

1st	4.02 (STD)	1st	151 μ m/cm at 25° C	Sample Temp.	
	ph		spec cond		
2nd		2nd		TURB	2.41 NO
	ph		spec cond	(other parameter)	value units
3rd		3rd		D.O.	1.9 mg/L
	ph		spec cond	(other parameter)	value units
4th		4th			
	ph		spec cond	(other parameter)	value units

Sample Appearance: CLEAR (if applicable) Odor: SLIGHT Color: None Turbidity: LowWeather Conditions: Wind Speed CALM Direction VAR Precipitation Y/N 0 Outlook Hazy 90°F

Specific Comments: _____

COMMENTS

Calc: $20.00 - 8.84 = 11.16 \times 0.163 = 1.819 \times 3 = 5.457 \text{ gal}$ Flow: $12 \times 4 = 48 \div 60 = 0.8 \times 5.457 = 4.365 \text{ min}$ ACTUAL: $14 \text{ min} \div 0.8 = 17.5 \text{ gal}$ SPEC. COND: $15.13 \times 10 = 151.3$

Vis. Shown = None

I certify that sampling procedures were in accordance with applicable EPA, State and WMI protocols.

0720/99
(Date)

(Signature)

Employer: Pro-Tech

FOR EML
USE ONLYFOR EML
USE ONLY

TRAIL RIDGE

 Site #
 Bottle Set:
 Sample Point: W m W B 7 D
 Source Code
PURG
INFO

990720

PURGE DATE
(YY MM DD)

1013

START PURGE
(2400 Hr Clock)

02

ELAPSED HRS

29

WATER VOL. IN CASING
(Gallons)

140

ACTUAL VOLUME PURGED
(Gallons)

PURG & SAMPLING EQUIP

Purging Equipment Dedicated ☒ Y ☐ NSampling Equipment Dedicated ☒ Y ☐ N

Purging Device	☐ C	A-Submersible Pump	D-Gas Lift Pump	G-Bailer	X- ☐ PURGING OTHER (SPECIFY)
Sampling Device	☐ C	B-Peristaltic Pump	E-Venturi Pump	H-Scoop/Shovel	X- ☐ SAMPLING OTHER (SPECIFY)
		C-Bladder Pump	F-Dipper/Bottle	I-Piston Pump	
Purging Material	☐ A	A-Teflon	C-Polypropylene	E-Polyethylene	X- ☐ PURGING OTHER (SPECIFY)
Sampling Material	☐ A	B-Stainless Steel	D-PVC		X- ☐ SAMPLING OTHER (SPECIFY)
Tubing-Purging	☐ G	A-Teflon	D-Polypropylene	F-Silicon	X- ☐ PURGING OTHER (SPECIFY)
Tubing-Sampling	☐ G	B-Tygon	E-Polyethylene	G-Combination teflon/ Polypropylene	X- ☐ SAMPLING OTHER (SPECIFY)
		C-Rope X- ☐ (SPECIFY)			
Filtering Devices 0.45 µ	☐ -	A-In-line Disposable	B-Pressure	C-Vacuum	

FIELD MEASUREMENTS

Well Elevation 1121.65 (ft/msl)Land Surface Elevation (ft/msl)Depth to water
From top of well casing 2.78 (ft)Depth to water
From land surface (ft)Groundwater Elevation 1118.87 (ft/msl)Groundwater Elevation (ft/msl)Well Depth 117.00 (ft)Stickup (ft)1st 7.03 (STD)
ph1st 361 µm/cm
spec cond at 25° CSample Temp. 23.2 (° C)2nd (STD)
ph2nd µm/cm
spec cond at 25° CTurb 0.32 NV
(other parameter) value units3rd (STD)
ph3rd µm/cm
spec cond at 25° CD.O. 0.8 m
(other parameter) value units4th (STD)
ph4th µm/cm
spec cond at 25° C
(other parameter) value unitsSample Appearance: CLEAR (if applicable) Odor: None Color: None Turbidity: LowWeather Conditions: Wind Speed Calm Direction VAR Precipitation Y/N Outlook Hazy 90°FSpecific Comments: Purge Min @ 99 ft TOC

FIELD COMMENTS

Calc: $117.00 - 99.00 = 18.00 \times 0.163 = 2.934 \times 3 = 8.802 \mu$ Flow: $15 \times 4 = 60 \div 60 = 1 \times 8.802 = 8.802$ Actual: $14 \text{ min} \div 1 = 14 \text{ gal}$ Spec Cond: $3.61 \times 100 = 361$ Vis. Screen = None

I certify that sampling procedures were in accordance with applicable EPA, State and WMI protocols.

7/20/99
(Date)

(Signature)

Employer: TRO-TECH

FOR EML
USE ONLYFOR EML
USE ONLY

Site #

Bottle
Set:Sample
Point:

Source Code

TRAIL RIDGE

PURG
INFO

980220

PURGE DATE
(YY MM DD)

1031

START PURGE
(2400 Hr Clock)

03

ELAPSED HRS

18

WATER VOL. IN CASING
(Gallons)

232

ACTUAL VOLUME PURGED
(Gallons)Purging EquipmentDedicated ☒ ☐ NSampling EquipmentDedicated ☒ ☐ N

PURG & SAMPLING EQUIP

Purging Device	☒ C	A-Submersible Pump	D-Gas Lift Pump	G-Bailer	X-	PURGING OTHER (SPECIFY)
Sampling Device	☒ C	B-Peristaltic Pump	E-Venturi Pump	H-Scoop/Shovel	X-	SAMPLING OTHER (SPECIFY)
		C-Bladder Pump	F-Dipper/Bottle	I-Piston Pump		
Purging Material	☒ A	A-Teflon	C-Polypropylene	E-Polyethylene	X-	PURGING OTHER (SPECIFY)
Sampling Material	☒ A	B-Stainless Steel	D-PVC		X-	SAMPLING OTHER (SPECIFY)
Tubing-Purging	☒ G	A-Teflon	D-Polypropylene	F-Silicon	X-	PURGING OTHER (SPECIFY)
Tubing-Sampling	☒ G	B-Tygon	E-Polyethylene	G-Combination teflon/ Polypropylene	X-	SAMPLING OTHER (SPECIFY)
		C-Rope X-	(SPECIFY)			
Filtering Devices 0.45 μ :	☒ -	A-In-line Disposable	B-Pressure	C-Vacuum		

FIELD MEASUREMENTS

Well Elevation	1123.29 (ft/msl)	Land Surface Elevation	
Depth to water From top of well casing	8.91 (ft)	Depth to water From land surface	
Groundwater Elevation	1143.8 (ft/msl)	Groundwater Elevation	
Well Depth	20.00 (ft)	Stickup	

1st	4.78 (STD)	1st	106 μ m/cm at 25° C	Sample Temp.	23.8 (°C)
	ph		spec cond		
2nd		2nd		Turb	2.78
	ph		spec cond		value
3rd		3rd		D.O.	2.5
	ph		spec cond		value
4th		4th			
	ph		spec cond		value

Sample Appearance: CLEAR (if applicable) Odor: ODOR Color: NONE Turbidity: LOWWeather Conditions: Wind Speed CALM Direction VAR Precipitation Y/N 0 Outlook Hazy 90°F

Specific Comments: _____

COMMENTS

CALC: $20.00 - 8.91 = 11.09 \times 0.163 = 1.808 \times 3 = 5.42 \text{ gal}$ Flow: $11 \times 4 = 44 \div 60 = 0.733 \times 5.42 = 3.975 \text{ m}^3/\text{h}$ ACTUAL: $17 \text{ m}^3/\text{h} \div 0.733 = 23.19 \text{ gal}$ SPEC COND: $10.59 \times 10 = 105.9$ Vis, Sheen = NONE

I certify that sampling procedures were in accordance with applicable EPA, State and WMI protocols.

7/20/99

(Date)

(Signature)

Employer: Pro-Tech

FOR EML
USE ONLYFOR EML
USE ONLY

TRAIL RIDGE

 Site #
 Bottle Set:
 Sample Point: W m w B 7 I
 Source Code
PURG
INFO
 PURGE DATE
(YY MM DD)
190720

 START PURGE
(2400 Hr Clock)
1011

 ELAPSED HRS
07

 WATER VOL. IN CASING
(Gallons)
 97

 ACTUAL VOLUME PURGED
(Gallons)
 484
Purging EquipmentDedicated D NSampling EquipmentDedicated D N

PURG & SAMPLING EQUIP

Purging Device	C	A-Submersible Pump	D-Gas Lift Pump	G-Bailer	X-	PURGING OTHER (SPECIFY)
Sampling Device	C	B-Peristaltic Pump	E-Venturi Pump	H-Scoop/Shovel	X-	SAMPLING OTHER (SPECIFY)
		C-Bladder Pump	F-Dipper/Bottle	I-Piston Pump		
Purging Material	A	A-Teflon	C-Polypropylene	E-Polyethylene	X-	PURGING OTHER (SPECIFY)
Sampling Material	A	B-Stainless Steel	D-PVC		X-	SAMPLING OTHER (SPECIFY)
Tubing-Purging	G	A-Teflon	D-Polypropylene	F-Silicon	X-	PURGING OTHER (SPECIFY)
Tubing-Sampling	G	B-Tygon	E-Polyethylene	G-Combination teflon/ Polypropylene	X-	SAMPLING OTHER (SPECIFY)
		C-Rope X-	(SPECIFY)			
Filtering Devices 0.45 µ:	 	A-In-line Disposable	B-Pressure	C-Vacuum		

FIELD MEASUREMENTS

Well Elevation	1 1 2 1 5 3 (ft/msl)	Land Surface Elevation	 (ft/msl)
Depth to water From top of well casing	 5 2 7 (ft)	Depth to water From land surface	 (ft)
Groundwater Elevation	1 1 6 2 6 (ft/msl)	Groundwater Elevation	 (ft/msl)
Well Depth	6 5 0 0 (ft)	Stickup	 (ft)

1st	5 1 7 (STD) ph	1st	5 1 µm/cm spec cond at 25° C	Sample Temp.	2 3 3 (° C)
2nd	 (STD) ph	2nd	 µm/cm spec cond at 25° C	Turb 1 1 6 3 N/A (other parameter) value units	
3rd	 (STD) ph	3rd	 µm/cm spec cond at 25° C	D.O. 1 1 4 mg/L (other parameter) value units	
4th	 (STD) ph	4th	 µm/cm spec cond at 25° C	 (other parameter) value units	

Sample Appearance: CLEAR (if applicable) Odor: NONE Color: NONE Turbidity: LowWeather Conditions: Wind Speed CALM Direction VAR Precipitation Y/N N Outlook Hazy 90°F

Specific Comments: _____

FIELD COMMENTS

Calc: $65.00 - 5.27 = 59.73 \times 0.163 = 9.736 \times 3 = 29.208 \text{ gal}$ Flow: $13 \times 4 = 52 \div 60 = 0.867 \times 29.208 = 25.314 \text{ min}$ ACTUAL: $42 \text{ min} \div 0.867 = 48.4 \text{ gal}$ SPEC. COND: $5.13 \times 10 = 51.3$ Vis. Screen = NONE

I certify that sampling procedures were in accordance with applicable EPA, State and WMI protocols.

7/20/91
(Date)

(Signature)

Employer: Pro-Tech

FOR EML
USE ONLYFOR EML
USE ONLY

Site #

Bottle
Set:Sample
Point:

Source Code

TRAIL RIDGE

PURG
INFO

990720

PURGE DATE
(YY MM DD)

1112

START PURGE
(2400 Hr Clock)

09

ELAPSED HRS

1168

WATER VOL. IN CASING
(Gallons)

547

ACTUAL VOLUME PURGED
(Gallons)

PURG & SAMPLING EQUIP

Purging Equipment Dedicated ☒ NSampling Equipment Dedicated ☒ N

Purging Device	☒ C	A-Submersible Pump	D-Gas Lift Pump	G-Bailer	X-	PURGING OTHER (SPECIFY)
Sampling Device	☒ C	B-Peristaltic Pump	E-Venturi Pump	H-Scoop/Shovel	X-	SAMPLING OTHER (SPECIFY)
		C-Bladder Pump	F-Dipper/Bottle	I-Piston Pump		
Purging Material	☒ A	A-Teflon	C-Polypropylene	E-Polyethylene	X-	PURGING OTHER (SPECIFY)
Sampling Material	☒ A	B-Stainless Steel	D-PVC		X-	SAMPLING OTHER (SPECIFY)
Tubing-Purging	☒ G	A-Teflon	D-Polypropylene	F-Silicon	X-	PURGING OTHER (SPECIFY)
Tubing-Sampling	☒ G	B-Tygon	E-Polyethylene	G-Combination teflon/	X-	SAMPLING OTHER (SPECIFY)
		C-Rope X-	(SPECIFY)	Polypropylene		
Filtering Devices 0.45 μ :	☒ -	A-In-line Disposable	B-Pressure	C-Vacuum		

FIELD MEASUREMENTS

Well Elevation	1128.23 (ft/msl)	Land Surface Elevation	
Depth to water	8.38 (ft)	Depth to water	
From top of well casing		From land surface	
Groundwater Elevation	1119.85 (ft/msl)	Groundwater Elevation	
Well Depth	1111.50 (ft)	Stickup	

1st	7.10 (STD)	1st	348 μ m/cm at 25° C
	ph		spec cond
2nd		2nd	
	ph		spec cond
3rd		3rd	
	ph		spec cond
4th		4th	
	ph		spec cond

Sample Temp.	21.6 (°C)
Turb	8.43
(other parameter)	value
D.O.	1.2
(other parameter)	value
	units

Sample Appearance: CLEAR (if applicable) Odor: NONE Color: NONE Turbidity: Low

Weather Conditions: Wind Speed CALM Direction VAR Precipitation Y/N Outlook Hazy 90°F

Specific Comments: _____

COMMENTS

CALC: $11.50 - 8.38 = 103.12 \times 0.163 = 16.803 \times 3 = 50.426$ galls

Flow: $14 \times 4 = 56 \div 60 = 0.933 \times 50.426 = 47.05$ min

ACTUAL: $51 \text{ min} \div 0.933 = 54.66$ gal

SPEC COND: $3.48 \times 100 = 348$

Vis. Sheen = None

I certify that sampling procedures were in accordance with applicable EPA, State and WMI protocols.

7/20/99

(Signature)

Employer:

Pro-Tech

FOR EML
USE ONLY

FOR EML
USE ONLY

Site #

Bottle
Set:

Sample
Point:

J M W B 1 9 I

Source Code

TRAIL RIDGE

PURG
INFO

9 9 0 7 2 0

PURGE DATE
(YY MM DD)

1 1 1 1

START PURGE
(2400 Hr Clock)

D 6

ELAPSED HRS

8 2

WATER VOL. IN CASING
(Gallons)

4 3 7

ACTUAL VOLUME PURGED
(Gallons)

PURG & SAMPLING EQUIP

Purging EquipmentDedicated ☒ Y ☐ N

Sampling EquipmentDedicated ☒ Y ☐ N

Purging Device	☒ C	A-Submersible Pump	D-Gas Lift Pump	G-Bailer	X-	PURGING OTHER (SPECIFY)
Sampling Device	☒ C	B-Peristaltic Pump	E-Venturi Pump	H-Scoop/Shovel	X-	SAMPLING OTHER (SPECIFY)
		C-Bladder Pump	F-Dipper/Bottle	I-Piston Pump		
Purging Material	☒ A	A-Teflon	C-Polypropylene	E-Polyethylene	X-	PURGING OTHER (SPECIFY)
Sampling Material	☒ A	B-Stainless Steel	D-PVC		X-	SAMPLING OTHER (SPECIFY)
Tubing-Purging	☒ G	A-Teflon	D-Polypropylene	F-Silicon	X-	PURGING OTHER (SPECIFY)
Tubing-Sampling	☒ G	B-Tygon	E-Polyethylene	G-Combination teflon/ Polypropylene	X-	SAMPLING OTHER (SPECIFY)
		C-Rope X-	(SPECIFY)			
Filtering Devices 0.45 μ :	☒ A	A-In-line Disposable	B-Pressure	C-Vacuum		

FIELD MEASUREMENTS

Well Elevation	1 1 2 7 9 4	(ft/msl)	Land Surface Elevation		(ft/msl)
Depth to water From top of well casing	8 4 2	(ft)	Depth to water From land surface		(ft)
Groundwater Elevation	1 1 1 9 5 2	(ft/msl)	Groundwater Elevation		(ft/msl)
Well Depth	5 9 0 0	(ft)	Stickup		(ft)

1st	5 1 7	(STD)	1st	4 4	μ m/cm at 25° C
	ph			spec cond	
2nd		(STD)	2nd		μ m/cm at 25° C
	ph			spec cond	
3rd		(STD)	3rd		μ m/cm at 25° C
	ph			spec cond	
4th		(STD)	4th		μ m/cm at 25° C
	ph			spec cond	

Sample Temp. 2 2 6 (° C)

Turb	> 2 0 0	NTU
(other parameter)	value	units
D.O.	1 1 4	mg/L
(other parameter)	value	units
(other parameter)	value	units

FIELD COMMENTS

Sample Appearance: CLOUDY (if applicable) Odor: SLIGHT Color: LT. BROWN Turbidity: TURBID
Weather Conditions: Wind Speed CALM Direction VAR Precipitation Y/NO NO Outlook CLAY 90°F
Specific Comments:

Calc: $59.00 - 8.42 = 50.58 \times 0.163 = 8.24 \times 3 = 24.73 \text{ gal}$

Flow: $12 \times 4 = 48 \div 60 = 0.8 \times 24.73 = 19.787 \text{ min}$

Actual: $35 \text{ min} \div 0.8 = 43.75 \text{ gal}$

Spec Cond: $4.36 \times 10 = 43.6$

Vis. Stem - NONE

I certify that sampling procedures were in accordance with applicable EPA, State and WMI protocols.

7/20/99

(Signature)

Employer:

PRO-TECH

FOR EML
USE ONLYFOR EML
USE ONLY

TRAIL RIDGE

Site #

Bottle
Set:Sample
Point:

Source Code

PURG
INFO

990220

PURGE DATE
(YY MM DD)

1149

START PURGE
(2400 Hr Clock)

03

ELAPSED HRS

20

WATER VOL. IN CASING
(Gallons)

205

ACTUAL VOLUME PURGED
(Gallons)Purging Equipment Dedicated ☒ (circle one) | N |Sampling Equipment Dedicated ☒ (circle one) | N |

PURG & SAMPLING EQUIP

Purging Device	☒ C	A-Submersible Pump	D-Gas Lift Pump	G-Bailer	X- _____
					PURGING OTHER (SPECIFY)
Sampling Device	☒ C	B-Peristaltic Pump	E-Venturi Pump	H-Scoop/Shovel	X- _____
		C-Bladder Pump	F-Dipper/Bottle	I-Piston Pump	SAMPLING OTHER (SPECIFY)
Purging Material	☒ A	A-Teflon	C-Polypropylene	E-Polyethylene	X- _____
Sampling Material	☒ A	B-Stainless Steel	D-PVC		SAMPLING OTHER (SPECIFY)
Tubing-Purging	☒ G	A-Teflon	D-Polypropylene	F-Silicon	X- _____
Tubing-Sampling	☒ G	B-Tygon	E-Polyethylene	G-Combination teflon/	X- _____
		C-Rope X- _____	(SPECIFY)	Polypropylene	SAMPLING OTHER (SPECIFY)
Filtering Devices 0.45 μ	☒	A-In-line Disposable	B-Pressure	C-Vacuum	

FIELD MEASUREMENTS

Well Elevation	112738 (ft/msl)	Land Surface Elevation	_____ (ft/msl)
Depth to water From top of well casing	7.68 (ft)	Depth to water From land surface	_____ (ft)
Groundwater Elevation	111970 (ft/msl)	Groundwater Elevation	_____ (ft/msl)
Well Depth	20.00 (ft)	Stickup	_____ (ft)

1st	4.93 (STD)	1st	9.4 μ m/cm at 25° C
	ph		spec cond
2nd	_____ (STD)	2nd	_____ μ m/cm at 25° C
	ph		spec cond
3rd	_____ (STD)	3rd	_____ μ m/cm at 25° C
	ph		spec cond
4th	_____ (STD)	4th	_____ μ m/cm at 25° C
	ph		spec cond

Sample Temp. 23.3 (° C)

Turb	2.91	170
(other parameter)	value	units
D.O.	1.2	_____
(other parameter)	value	units
_____	_____	_____
(other parameter)	value	units

Sample Appearance: CLEAR (if applicable) Odor: odor Color: None Turbidity: Low

Weather Conditions: Wind Speed CALM Direction VAR Precipitation ☒ Outlook Hazy 90°F

Specific Comments: _____

COMMENTS

CALC: $20.00 - 7.68 = 12.32 \times 0.163 = 2.008 \times 3 = 6.024 \text{ gal.}$ Flow: $11 \times 4 = 44 \div 60 = 0.733 \times 6.024 = 4.418 \text{ min}$ ACTUAL: $15 \text{ min} \div 0.733 = 20.46$ SPEC COND: $9.44 \times 10 = 94.4$

Vis. Shen = None

I certify that sampling procedures were in accordance with applicable EPA, State and WMI protocols.

2/20/99
(Date)

(Signature)

Employer: Pw-Tech

FOR EML
USE ONLYFOR EML
USE ONLY

TRAIL RIDGE

Site #

Bottle Set:

Sample Point: W M W B I 7 I

Source Code

PURG INFO	<u>99 07 20</u>	<u>12:17</u>	<u>0.5</u>	<u>9.2</u>	<u>32.5</u>
	PURGE DATE (YY MM DD)	START PURGE (2400 Hr Clock)	ELAPSED HRS	WATER VOL IN CASING (Gallons)	ACTUAL VOLUME PURGED (Gallons)

PURG & SAMPLING EQUIP	Purging Equipment	Dedicated <u>(Y)</u> <u>N</u>	Sampling Equipment	Dedicated <u>(Y)</u> <u>N</u>
	Purging Device	<u>C</u> A-Submersible Pump	D-Gas Lift Pump	G-Bailer
	Sampling Device	<u>C</u> B-Peristaltic Pump	E-Venturi Pump	H-Scoop/Shovel
		C-Bladder Pump	F-Dipper/Bottle	I-Piston Pump
	Purging Material	<u>A</u> A-Teflon	C-Polypropylene	E-Polyethylene
	Sampling Material	<u>A</u> B-Stainless Steel	D-PVC	
	Tubing-Purging	<u>G</u> A-Teflon	D-Polypropylene	F-Silicon
Tubing-Sampling	<u>G</u> B-Tygon	E-Polyethylene	G-Combination teflon/ Polypropylene	
Filtering Devices 0.45 μ	<u>-</u> A-In-line Disposable	B-Pressure	C-Vacuum	

FIELD MEASUREMENTS	Well Elevation	<u>1138.43</u> (ft/msl)	Land Surface Elevation	<u> </u> (ft/msl)
	Depth to water From top of well casing	<u>3.94</u> (ft)	Depth to water From land surface	<u> </u> (ft)
	Groundwater Elevation	<u>1134.49</u> (ft/msl)	Groundwater Elevation	<u> </u> (ft/msl)
	Well Depth	<u>60.13</u> (ft)	Stickup	<u> </u> (ft)

FIELD MEASUREMENTS	1st	<u>4.93</u> (STD)	1st	<u>3.8</u> μ m/cm at 25° C	Sample Temp.	<u>21.8</u> (° C)
	2nd	<u> </u> (STD)	2nd	<u> </u> μ m/cm at 25° C	<u>Turb</u> <u>1.20</u> <u>ntu</u>	
	3rd	<u> </u> (STD)	3rd	<u> </u> μ m/cm at 25° C	<u>D.O.</u> <u>1.6</u> <u>ph</u>	
	4th	<u> </u> (STD)	4th	<u> </u> μ m/cm at 25° C	<u> </u> <u> </u> <u> </u>	

Sample Appearance: CLEAR (if applicable) Odor: SLIGHT Color: None Turbidity: LOW

Weather Conditions: Wind Speed CALM Direction VAR Precipitation Y/N Outlook Hazy 90°F

Specific Comments:

CALL: $60.13 - 3.94 = 56.19 \times 0.163 = 9.159 \times 3 = 27.477 \text{ gal}$

Flow: $12 \times 4 = 48 \div 60 = 0.8 \times 27.477 = 21.982 \text{ min}$

ACTUAL: $26 \text{ min} \div 0.8 = 32.5 \text{ gal}$

SPEC COND: $3.79 \times 10 = 37.9$ Vis. Screen = None

I certify that sampling procedures were in accordance with applicable EPA, State and WMI protocols.

7/20/99 (Date) (Signature) Employer: Pro-Tech

**FOR EML
USE ONLY**

**FOR EML
USE ONLY**

Site #

Bottle Set:

Sample Point:

Source Code

TRAIL RIDGE

PURGE INFO

990720

PURGE DATE
(YY MM DD)

1248

START PURGE
(2400 Hr Clock)

02

ELAPSED HRS

19

WATER VOL. IN CASING
(Gallons)

140

ACTUAL VOLUME PURGED
(Gallons)

Purging EquipmentDedicated

(circle one)

Sampling EquipmentDedicated

(circle one)

Purging Device

C

A-Submersible Pump

D-Gas Lift Pump

G-Bailer

X-

PURGING OTHER (SPECIFY)

Sampling Device

C

B-Peristaltic Pump

E-Venturi Pump

H-Scoop/Shovel

X-

SAMPLING OTHER (SPECIFY)

C-Bladder Pump

F-Dipper/Bottle

I-Piston Pump

Purging Material

A

A-Teflon

C-Polypropylene

E-Polyethylene

X-

PURGING OTHER (SPECIFY)

Sampling Material

A

B-Stainless Steel

D-PVC

X-

SAMPLING OTHER (SPECIFY)

Tubing-Purging

G

A-Teflon

D-Polypropylene

F-Silicon

X-

PURGING OTHER (SPECIFY)

Tubing-Sampling

G

B-Tygon

E-Polyethylene

G-Combination teflon/
Polypropylene

X-

SAMPLING OTHER (SPECIFY)

C-Rope X-

(SPECIFY)

Filtering Devices 0.45 μ :

-

A-In-line Disposable

B-Pressure

C-Vacuum

Well Elevation

13831

(ft/msl)

Land Surface Elevation

(ft/msl)

Depth to water
From top of well casing

673

(ft)

Depth to water
From land surface

(ft)

Groundwater Elevation

13158

(ft/msl)

Groundwater Elevation

(ft/msl)

Well Depth

11831

(ft)

Stickup

(ft)

1st

491

(STD)

74

μ m/cm
at 25° C

spec cond

Sample Temp.

235

(° C)

2nd

(STD)

μ m/cm
at 25° C

spec cond

Turn

(other parameter)

8.13

value

AW

units

3rd

(STD)

μ m/cm
at 25° C

spec cond

0.0

(other parameter)

1.4

value

ml

units

4th

(STD)

μ m/cm
at 25° C

spec cond

(other parameter)

value

units

Sample Appearance: CLEAR

Odor: SLIGHT

Color: NONE

Turbidity: LOW

Weather Conditions: Wind Speed CALM

Direction VAR

Precipitation Y/N

Outlook Hazy 90° F

Specific Comments: Completed DUPD1 AT MJB175

CALC: 18.31 - 6.73 = 11.58 x 0.163 = 1.888 x 3 = 5.663 gal

Flow: 15 x 4 = 60 ÷ 60 = 1 x 5.663 = 5.663 min

Actual: 14 min ÷ 1 = 14 gal

Spec Cond: 7.42 x 10 = 74.2

Vis. Shw = None

I certify that sampling procedures were in accordance with applicable EPA, State and WMI protocols.

2/20/99

(Date)

(Signature)

Employer: PRO-TECH

FOR EML
USE ONLYFOR EML
USE ONLY

TRAIL RIDGE

Site #

Bottle
Set:Sample
Point:

Source Code

PURGE
INFO

190720

PURGE DATE
(YY MM DD)

1214

START PURGE
(2400 Hr Clock)

1.5

ELAPSED HRS

119.5

WATER VOL. IN CASING
(Gallons)

60.1

ACTUAL VOLUME PURGED
(Gallons)

PURGE & SAMPLING EQUIP

Purging Equipment Dedicated ☒ (circle one) | N |Sampling Equipment Dedicated ☒ (circle one) | N |Purging Device ☒ C A-Submersible Pump D-Gas Lift Pump G-Bailer X- _____
PURGING OTHER (SPECIFY)Sampling Device ☒ C B-Peristaltic Pump E-Venturi Pump H-Scoop/Shovel X- _____
C-Bladder Pump F-Dipper/Bottle I-Piston Pump
SAMPLING OTHER (SPECIFY)Purging Material ☒ A A-Teflon C-Polypropylene E-Polyethylene X- _____
PURGING OTHER (SPECIFY)Sampling Material ☒ A B-Stainless Steel D-PVC X- _____
SAMPLING OTHER (SPECIFY)Tubing-Purging ☒ G A-Teflon D-Polypropylene F-Silicon X- _____
PURGING OTHER (SPECIFY)Tubing-Sampling ☒ G B-Tygon E-Polyethylene G-Combination teflon/ X- _____
C-Rope X- _____ (SPECIFY) Polypropylene
SAMPLING OTHER (SPECIFY)Filtering Devices 0.45 μ : ☒ A-In-line Disposable B-Pressure C-Vacuum

FIELD MEASUREMENTS

Well Elevation ☒ 138.52 (ft/msl) Land Surface Elevation _____ (ft/msl)Depth to water ☒ 7.92 (ft) Depth to water _____ (ft)
From top of well casing From land surfaceGroundwater Elevation ☒ 138.60 (ft/msl) Groundwater Elevation _____ (ft/msl)Well Depth ☒ 127.32 (ft) Stickup _____ (ft)1st ☒ 5.82 (STD) 1st ☒ 8.0 μ m/cm at 25° C
ph spec cond2nd ☒ _____ (STD) 2nd ☒ _____ μ m/cm at 25° C
ph spec cond3rd ☒ _____ (STD) 3rd ☒ _____ μ m/cm at 25° C
ph spec cond4th ☒ _____ (STD) 4th ☒ _____ μ m/cm at 25° C
ph spec condSample Temp. ☒ 22.9 (° C)☒ TCS ☒ 11.06 ☒ NW
(other parameter) value units☒ 0.2 ☒ 0.8 ☒ my
(other parameter) value units☐ _____ ☐ _____ ☐ _____
(other parameter) value unitsSample Appearance: CLEAR (if applicable) Odor: NONE Color: NONE Turbidity: LOWWeather Conditions: Wind Speed 24km Direction VAR Precipitation Y/N 0 Outlook Hazy 90°F

Specific Comments: _____

FIELD COMMENTS

CALC: $127.32 - 7.92 = 119.40 \times 0.163 = 19.462 \times 3 = 58.387$ Flow: $23 \times 4 = 92 \div 60 = 1.53 \times 58.387 = 89.527$ Actual's $92 \text{ min} \div 1.53 = 60.13$ SPEC COND: $8.04 \times 10 = 80.4$

Vis. Sheen = None

I certify that sampling procedures were in accordance with applicable EPA, State and WMI protocols.

7/20/99

(Signature)

Employer: Pro-Tech

**FOR EML
USE ONLY**

**FOR EML
USE ONLY**

TRAIL RIDGE

Site #

Bottle Set:

Sample Point: W

PURGE INFO

PURGE DATE (YY MM DD)

START PURGE (2400 Hr Clock)

ELAPSED HRS

WATER VOL IN CASING (Gallons)

ACTUAL VOLUME PURGED (Gallons)

Purging EquipmentDedicated ☒ N

Sampling EquipmentDedicated ☒ N

Purging Device ☒ A-Submersible Pump

Sampling Device ☒ B-Peristaltic Pump

Purging Material ☒ A-A-Teflon

Sampling Material ☒ A-B-Stainless Steel

Tubing-Purging ☒ G-A-Teflon

Tubing-Sampling ☒ G-B-Tygon

Filtering Devices 0.45 μ : ☒ A-In-line Disposable

D-Gas Lift Pump

E-Venturi Pump

C-Polypropylene

D-PVC

C-Polypropylene

E-Polyethylene

F-Silicon

G-Combination teflon/ Polypropylene

B-Pressure

C-Vacuum

G-Bailer

H-Scoop/Shovel

I-Piston Pump

X- PURGING OTHER (SPECIFY)

X- SAMPLING OTHER (SPECIFY)

X- PURGING OTHER (SPECIFY)

X- SAMPLING OTHER (SPECIFY)

X- PURGING OTHER (SPECIFY)

X- SAMPLING OTHER (SPECIFY)

Well Elevation (ft/msl)

Depth to water (ft)

Groundwater Elevation (ft/msl)

Well Depth (ft)

Land Surface Elevation (ft/msl)

Depth to water (ft)

Groundwater Elevation (ft/msl)

Stickup (ft)

1st (STD) μ m/cm at 25° C

2nd (STD) μ m/cm at 25° C

3rd (STD) μ m/cm at 25° C

4th (STD) μ m/cm at 25° C

Sample Temp. (° C)

(other parameter) value units

(other parameter) value units

(other parameter) value units

Sample Appearance: Odor: Color: Turbidity:

Weather Conditions: Wind Speed Direction Precipitation Y/N Outlook

Specific Comments:

Calc: $20.00 - 9.87 = 10.13 \times 0.163 = 1.651 \times 3 = 4.953$

Flow: $16 \times 4 = 64 \div 60 = 1.067 \times 4.953 = 5.283$

Actual: $14 \text{ min} \div 1.067 = 13.12 \text{ gal}$

Spec Cond: $4.17 \times 10 = 41.7$

Vis Shown:

I certify that sampling procedures were in accordance with applicable EPA, State and WMI protocols.

(Date) (Signature) Employer:

FOR EML
USE ONLY

FOR EML
USE ONLY

TRAIL RIDGE

Site #

Bottle
Set:

Sample
Point:

Source Code

PURG
INFO

990720

PURGE DATE
(YY MM DD)

1355

START PURGE
(2400 Hr Clock)

05

ELAPSED HRS

7.9

WATER VOL. IN CASING
(Gallons)

43.7

ACTUAL VOLUME PURGED
(Gallons)

PURG & SAMPLING EQUIP

Purging Equipment Dedicated ☒ (circle one) N

Sampling Equipment Dedicated ☒ (circle one) N

Purging Device	☒ A-Submersible Pump	☐ D-Gas Lift Pump	☐ G-Bailer	X- _____ PURGING OTHER (SPECIFY)
Sampling Device	☒ B-Peristaltic Pump	☐ E-Venturi Pump	☐ H-Scoop/Shovel	X- _____ SAMPLING OTHER (SPECIFY)
	☐ C-Bladder Pump	☐ F-Dipper/Bottle	☐ I-Piston Pump	
Purging Material	☒ A-Teflon	☐ C-Polypropylene	☐ E-Polyethylene	X- _____ PURGING OTHER (SPECIFY)
Sampling Material	☒ B-Stainless Steel	☐ D-PVC		X- _____ SAMPLING OTHER (SPECIFY)
Tubing-Purging	☒ A-Teflon	☐ D-Polypropylene	☐ F-Silicon	X- _____ PURGING OTHER (SPECIFY)
Tubing-Sampling	☒ B-Tygon	☐ E-Polyethylene	☐ G-Combination teflon/ Polypropylene	X- _____ SAMPLING OTHER (SPECIFY)
	☐ C-Rope X- _____ (SPECIFY)			
Filtering Devices 0.45 μ	☒ A-In-line Disposable	☐ B-Pressure	☐ C-Vacuum	

FIELD MEASUREMENTS

Well Elevation	151.86 (ft/msl)	Land Surface Elevation	_____ (ft/msl)
Depth to water From top of well casing	14.11 (ft)	Depth to water From land surface	_____ (ft)
Groundwater Elevation	137.75 (ft/msl)	Groundwater Elevation	_____ (ft/msl)
Well Depth	62.00 (ft)	Stickup	_____ (ft)

1st	4.93 (STD) ph	1st	3.9 μ m/cm spec cond at 25° C	Sample Temp.	22.1 (° C)
2nd	_____ (STD) ph	2nd	_____ μ m/cm spec cond at 25° C	☒ Turb (other parameter)	☒ 0.28 value
3rd	_____ (STD) ph	3rd	_____ μ m/cm spec cond at 25° C	☒ D.O. (other parameter)	☒ 1.4 value
4th	_____ (STD) ph	4th	_____ μ m/cm spec cond at 25° C	☐ _____ (other parameter)	☐ _____ value

FIELD COMMENTS

Sample Appearance: CLEAR (if applicable) Odor: None Color: None Turbidity: Low

Weather Conditions: Wind Speed Calm Direction Var Precipitation Y/N Outlook May 90°F

Specific Comments: _____

Calc: $62.00 - 14.11 = 47.89 \times 0.163 = 7.806 \times 3 = 23.418 \text{ gal}$

Flow: $11 \times 4 = 44 \div 60 = 0.733 \times 23.418 = 17.173 \text{ m}^3$

Actual: $32 \text{ m}^3 \div 0.733 = 43.66 \text{ gal}$

Spec Cond: $3.86 \times 10 = 38.6$

Vis. Shown: None

I certify that sampling procedures were in accordance with applicable EPA, State and WMI protocols.

7/20/99 (Date) _____ (Signature) Employer: Pro-Tech

FIELD INFORMATION FORM

Site #

Bottle Set:

Sample Point:

Source Code

TRAIL RIDGE

PURG INFO

990720

PURGE DATE (YY MM DD)

1447

START PURGE (2400 Hr Clock)

03

ELAPSED HRS

24

WATER VOL IN CASING (Gallons)

126

ACTUAL VOLUME PURGED (Gallons)

PURG & SAMPLING EQUIP

Purging Equipment Dedicated ☒ Y ☐ N

Sampling Equipment Dedicated ☒ Y ☐ N

Purging Device	☒ C	A-Submersible Pump	D-Gas Lift Pump	G-Bailer	X- _____
					PURGING OTHER (SPECIFY)
Sampling Device	☒ C	B-Peristaltic Pump	E-Venturi Pump	H-Scoop/Shovel	X- _____
		C-Bladder Pump	F-Dipper/Bottle	I-Piston Pump	SAMPLING OTHER (SPECIFY)
Purging Material	☒ A	A-Teflon	C-Polypropylene	E-Polyethylene	X- _____
					PURGING OTHER (SPECIFY)
Sampling Material	☒ A	B-Stainless Steel	D-PVC		X- _____
					SAMPLING OTHER (SPECIFY)
Tubing-Purging	☒ G	A-Teflon	D-Polypropylene	F-Silicon	X- _____
					PURGING OTHER (SPECIFY)
Tubing-Sampling	☒ G	B-Tygon	E-Polyethylene	G-Combination teflon/	X- _____
		C-Rope X- _____		Polypropylene	SAMPLING OTHER (SPECIFY)
Filtering Devices 0.45 μ :	☒ A	In-line Disposable	B-Pressure	C-Vacuum	

FIELD MEASUREMENTS

Well Elevation	156.15 (ft/msl)	Land Surface Elevation	_____ (ft/msl)
Depth to water From top of well casing	18.2 (ft)	Depth to water From land surface	_____ (ft)
Groundwater Elevation	138.03 (ft/msl)	Groundwater Elevation	_____ (ft/msl)
Well Depth	129.00 (ft)	Stickup	_____ (ft)

1st	69.3 (STD)	1st	343 μ m/cm at 25° C
	ph		spec cond
2nd	_____ (STD)	2nd	_____ μ m/cm at 25° C
	ph		spec cond
3rd	_____ (STD)	3rd	_____ μ m/cm at 25° C
	ph		spec cond
4th	_____ (STD)	4th	_____ μ m/cm at 25° C
	ph		spec cond

Sample Temp.	23.5 (° C)
(other parameter)	_____
value	1.02
units	mg/L
(other parameter)	_____
value	0.8
units	mg/L

FIELD COMMENTS

Sample Appearance: CLEAR (if applicable) Odor: NONE Color: NONE Turbidity: LOW

Weather Conditions: Wind Speed CALM Direction VAR Precipitation NO Outlook Hazy 90°F

Specific Comments: Purge Mix @ 114.50 ft toe

CALC: $129.00 - 114.50 = 14.50 \times 0.163 = 2.364 \times 3 = 7.091 \text{ gal}$

Flow: $19 \times 4 = 76 \div 60 = 1.267 \times 7.091 = 8.982 \text{ m}^3/\text{L}$

ACTUAL: $16 \text{ min} \div 1.267 = 12.63 \text{ gal}$

SPEC. COND: $3.43 \times 100 = 343$

Vis. Sheen: NONE

I certify that sampling procedures were in accordance with applicable EPA, State and WMI protocols.

7/20/99

(Signature)

Employer: Pro Tech

FIELD INFORMATION FORM

Site #

Bottle Set:

Sample Point:

Source Code

TRAIL RIDGE

PURG
INFO

9/30/20

PURGE DATE
(YY MM DD)

15:16

START PURGE
(2400 Hr Clock)

0.2

ELAPSED HRS

1.8

WATER VOL. IN CASING
(Gallons)

1.77

ACTUAL VOLUME PURGED
(Gallons)

PURG & SAMPLING EQUIP

Purging Equipment Dedicated ☒ (circle one) | N |

Sampling Equipment Dedicated ☒ (circle one) | N |

Purging Device	☒ C	A-Submersible Pump	D-Gas Lift Pump	G-Bailer	X-	PURGING OTHER (SPECIFY)
Sampling Device	☒ C	B-Peristaltic Pump	E-Venturi Pump	H-Scoop/Shovel	X-	SAMPLING OTHER (SPECIFY)
		C-Bladder Pump	F-Dipper/Bottle	I-Piston Pump		
Purging Material	☒ A	A-Teflon	C-Polypropylene	E-Polyethylene	X-	PURGING OTHER (SPECIFY)
Sampling Material	☒ A	B-Stainless Steel	D-PVC		X-	SAMPLING OTHER (SPECIFY)
Tubing-Purging	☒ G	A-Teflon	D-Polypropylene	F-Silicon	X-	PURGING OTHER (SPECIFY)
Tubing-Sampling	☒ G	B-Tygon	E-Polyethylene	G-Combination teflon/ Polypropylene	X-	SAMPLING OTHER (SPECIFY)
		C-Rope X-	(SPECIFY)			
Filtering Devices 0.45 μ	☒	A-In-line Disposable	B-Pressure	C-Vacuum		

FIELD MEASUREMENTS

Well Elevation	146.64 (ft/msl)	Land Surface Elevation	
Depth to water From top of well casing	8.87 (ft)	Depth to water From land surface	
Groundwater Elevation	1137.77 (ft/msl)	Groundwater Elevation	
Well Depth	20.00 (ft)	Stickup	

1st	4.46 (STD)	1st	6.1 μ m/cm at 25° C	Sample Temp.	23.2 (°C)
2nd		2nd		Turb	11.63 NTU
3rd		3rd		D.O.	11.8
4th		4th			

FIELD COMMENTS

Sample Appearance: CLEAR (if applicable) Odor: NONE Color: NONE Turbidity: Low
 Weather Conditions: Wind Speed Cal Direction Var Precipitation Y/N N Outlook Heavy 90°F
 Specific Comments: _____

CALC: $20.00 - 8.87 = 11.13 \times 0.163 = 1.814 \times 3 = 5.443 \text{ gal}$
 Flow: $11 \times 4 = 44 \div 60 = 0.733 \times 5.443 = 3.992 \text{ m}^3$
 ACTUAL: $13 \text{ m}^3 \div 0.933 = 17.73 \text{ gal}$
 SPEC. COND: $6.07 \times 10 = 60.7$ Visc Shear = None

I certify that sampling procedures were in accordance with applicable EPA, State and WMI protocols.

7/20/FA

(Signature)

Employer: Pro-Tech

FIELD INFORMATION FORM

Site #

Bottle Set:

TRAIL RIDGE

Sample Point:

Source Code

PURGE INFO

PURGE DATE
(YY MM DD)

START PURGE
(2400 Hr Clock)

ELAPSED HRS

WATER VOL IN CASING
(Gallons)

ACTUAL VOLUME PURGED
(Gallons)

PURG & SAMPLING EQUIP

Purging Equipment Dedicated ☒ Y ☐ N

Sampling Equipment Dedicated ☒ Y ☐ N

Purging Device	☒ A-Submersible Pump	☐ D-Gas Lift Pump	☐ G-Bailer	X- _____
				PURGING OTHER (SPECIFY)
Sampling Device	☒ B-Peristaltic Pump	☐ E-Venturi Pump	☐ H-Scoop/Shovel	X- _____
	☐ C-Bladder Pump	☐ F-Dipper/Bottle	☐ I-Piston Pump	SAMPLING OTHER (SPECIFY)
Purging Material	☒ A-Teflon	☐ C-Polypropylene	☐ E-Polyethylene	X- _____
				PURGING OTHER (SPECIFY)
Sampling Material	☒ B-Stainless Steel	☐ D-PVC		X- _____
				SAMPLING OTHER (SPECIFY)
Tubing-Purging	☒ A-Teflon	☐ D-Polypropylene	☐ F-Silicon	X- _____
				PURGING OTHER (SPECIFY)
Tubing-Sampling	☒ B-Tygon	☐ E-Polyethylene	☐ G-Combination teflon/	X- _____
	☐ C-Rope X- _____	(SPECIFY)	Polypropylene	SAMPLING OTHER (SPECIFY)
Filtering Devices 0.45 μ :	☒ A-In-line Disposable	☐ B-Pressure	☐ C-Vacuum	

FIELD MEASUREMENTS

Well Elevation	<u>114573</u> (ft/msl)	Land Surface Elevation	<u>114573</u> (ft/msl)
Depth to water From top of well casing	<u>934</u> (ft)	Depth to water From land surface	<u>0</u> (ft)
Groundwater Elevation	<u>113639</u> (ft/msl)	Groundwater Elevation	<u>113639</u> (ft/msl)
Well Depth	<u>6150</u> (ft)	Stickup	<u>0</u> (ft)

1st	<u>4.78</u> (STD)	1st	<u>43</u> μ m/cm at 25° C	Sample Temp.	<u>22.7</u> (° C)
	ph		spec cond		
2nd	<u> </u> (STD)	2nd	<u> </u> μ m/cm at 25° C	<u>TURD</u>	<u>2.76</u> <u>mg/L</u>
	ph		spec cond	(other parameter)	value units
3rd	<u> </u> (STD)	3rd	<u> </u> μ m/cm at 25° C	<u>D.O.</u>	<u>11.5</u> <u>mg/L</u>
	ph		spec cond	(other parameter)	value units
4th	<u> </u> (STD)	4th	<u> </u> μ m/cm at 25° C	<u> </u>	<u> </u> <u> </u>
	ph		spec cond	(other parameter)	value units

COMMENTS

Sample Appearance: CLEAR (if applicable) Odor: SLIGHT Color: NONE Turbidity: LOW

Weather Conditions: Wind Speed CALM Direction VAR Precipitation Y/N 0 Outlook Hazy 90°F

Specific Comments: _____

CALC: $61.50 - 9.34 = 52.16 \times 0.163 = 8.502 \times 3 = 25.506 \text{ gal}$

Flow: $13 \times 4 = 52 \div 60 = 0.867 \times 25.506 = 22.105 \text{ m}^3$

ACTUAL: $29 \text{ min} \div 0.869 = 33.45 \text{ gal}$

SPEC COND: $4.28 \times 10 = 42.8$

Vis. Sheen = None

I certify that sampling procedures were in accordance with applicable EPA, State and WMI protocols.

7/10/99

(Signature)

Employer: PRC-ECU

FIELD INFORMATION FORM

TRAIL RIDGE

Site #
 Bottle Set:
 Sample Point: W M W 0 2 9 I
 Source Code

PURG
INFO

990720

PURGE DATE
(YY MM DD)

1554

START PURGE
(2400 Hr Clock)

02

ELAPSED HRS

 15

WATER VOL. IN CASING
(Gallons)

 162

ACTUAL VOLUME PURGED
(Gallons)

PURG & SAMPLING EQUIP

Purging Equipment Dedicated (Y) N

Sampling Equipment Dedicated (Y) N

Purging Device	<u>C</u>	A-Submersible Pump	D-Gas Lift Pump	G-Bailer	X-	PURGING OTHER (SPECIFY)
Sampling Device	<u>L</u>	B-Peristaltic Pump	E-Venturi Pump	H-Scoop/Shovel	X-	SAMPLING OTHER (SPECIFY)
		C-Bladder Pump	F-Dipper/Bottle	I-Piston Pump		
Purging Material	<u>A</u>	A-Teflon	C-Polypropylene	E-Polyethylene	X-	PURGING OTHER (SPECIFY)
Sampling Material	<u>A</u>	B-Stainless Steel	D-PVC		X-	SAMPLING OTHER (SPECIFY)
Tubing-Purging	<u>G</u>	A-Teflon	D-Polypropylene	F-Silicon	X-	PURGING OTHER (SPECIFY)
Tubing-Sampling	<u>G</u>	B-Tygon	E-Polyethylene	G-Combination teflon/ Polypropylene	X-	SAMPLING OTHER (SPECIFY)
Filtering Devices <u>1.00</u> <u>0.45</u> <u>μ</u>	<u>A</u>	C-Rope X- A-In-line Disposable	(SPECIFY) B-Pressure	C-Vacuum		

FIELD MEASUREMENTS

Well Elevation	<u>1</u> <u>3</u> <u>8</u> <u>0</u> <u>8</u> (ft/msl)	Land Surface Elevation	<u> </u> (ft/msl)
Depth to water From top of well casing	<u> </u> <u>5</u> <u>2</u> <u>4</u> (ft)	Depth to water From land surface	<u> </u> (ft)
Groundwater Elevation	<u>1</u> <u>3</u> <u>2</u> <u>8</u> <u>4</u> (ft/msl)	Groundwater Elevation	<u> </u> (ft/msl)
Well Depth	<u>6</u> <u>3</u> <u>5</u> <u>0</u> (ft)	Stickup	<u> </u> (ft)

1st <u>5</u> <u>0</u> <u>8</u> (STD) ph	1st <u> </u> <u>4</u> <u>2</u> $\mu\text{m/cm}$ at 25° C spec cond	Sample Temp. <u>2</u> <u>2</u> <u>3</u> (° C)
2nd <u> </u> (STD) ph	2nd <u> </u> $\mu\text{m/cm}$ at 25° C spec cond	<u>TURB</u> <u>></u> <u>200</u> <u>NW</u> (other parameter) value units
3rd <u> </u> (STD) ph	3rd <u> </u> $\mu\text{m/cm}$ at 25° C spec cond	<u>D.O.</u> <u> </u> <u>76</u> (other parameter) value units
4th <u> </u> (STD) ph	4th <u> </u> $\mu\text{m/cm}$ at 25° C spec cond	<u> </u> <u> </u> <u> </u> (other parameter) value units

FIELD COMMENTS

Sample Appearance: CLOUDY (if applicable) Odor: ODOR Color: Whitish Turbidity: TURBID
 Weather Conditions: Wind Speed CALM Direction VAR Precipitation NO Outlook Hazy 90°F
 Specific Comments: Purge Meter @ 54.50 ft TOC
Completed DUP02 AT MW029I.
CALC: 63.50 - 54.50 = 9.00 x 0.163 = 1.467 x 3 = 4.401 gal
Flow: 13 x 4 = 52 ÷ 60 = 0.867 x 4.401 = 3.814 min
ACTUAL: 14 min ÷ 0.867 = 16.15 gal
SPEC. COND: 4.21 x 10 = 42.1
Vis. Shown = None

I certify that sampling procedures were in accordance with applicable EPA, State and WMI protocols.

7/20/99 [Signature]
 (Date) (Signature)

Employer: Pro-Tech

FIELD INFORMATION FORM

Site #

Bottle Set:

Sample Point: W

TRAIL RIDGE

PURG
INFO

9	9	0	2	2	1
---	---	---	---	---	---

PURGE DATE
(YY MM DD)

1	0	5	2
---	---	---	---

START PURGE
(2400 Hr Clock)

[illegible]

ELAPSED HRS

1.5

WATER VOL IN CASING
(Gallons)

ACTUAL VOLUME PURGED
(Gallons)

Purging EquipmentDedicated ☒ Y ☐ N

Sampling EquipmentDedicated |  | N |

Purging Device ☒ C A-Submersible Pump D-Gas Lift Pump G-Bailer X- _____

Sampling Device ☒ B-Peristaltic Pump ☐ E-Venturi Pump ☐ H-Scoop/Shovel ☐ X- _____

Purging Material A A-Teflon C-Polypropylene E-Polyethylene X- _____

Sampling Material ☒ A B-Stainless Steel ☐ D-PVC ☒ X- PURGING OTHER (SPECIFY)

Tubing-Purging ☒ A-Teflon ☐ D-Polypropylene ☐ F-Silicon ☐ X-_____

Tubing-Sampling ☒ B-Tygon ☐ E-Polyethylene ☐ G-Combination teflon/ X-_____

Filtering Devices 0.45 μ  A-In-line Disposable B-Pressure C-Vacuum

Well Elevation

1	3	8	1	8
---	---	---	---	---

 (ft/msl) Land Surface Elevation

1	3	8	1	8
---	---	---	---	---

 (ft/msl)

Depth to water
from top of well casing

5 4 2 (ft)

Depth to water
From land surface

(ft)

Groundwater Elevation

1	3	2	7	6
---	---	---	---	---

 (ft/msl) Groundwater Elevation

--	--	--	--	--

 (ft/msl)

Well Depth

	1	1	0	5	0
--	---	---	---	---	---

 (ft) | Stickup

--	--	--	--	--	--

 (ft)

1st

5	6	9
---	---	---

 (STD) 1st

		8	1
--	--	---	---

 $\mu\text{m}/\text{cm}$
at 25° C Sample Temp.

2	2	5
---	---	---

 (°C)

[illegible]

2nd (SID) at 25°C (other parameter) value units

2-1		/	(STD)	2-1		/	$\mu\text{m/cm}$ at 25°C	D-3			U.D.	76
-----	--	---	-------	-----	--	---	-----------------------------	-----	--	--	------	----

ph spec cond (other parameter) value units

[illegible]

4(n)  (5.0)  at 25 °C  (other parameter)  value  units

Sample Appearance: CLEAR (if applicable) Odor: NONE Color: NONE Turbidity: LOW

Weather Conditions: Wind Speed CalM Direction Var Precipitation Y/N N Outlook Hazy 90°F

Specific Comments: Pay Mtn @ 101.50

$a_1 = 1, b_1 = 1, c_1 = 1, d_1 = 1, e_1 = 1, f_1 = 1, g_1 = 1, h_1 = 1, i_1 = 1, j_1 = 1, k_1 = 1, l_1 = 1, m_1 = 1, n_1 = 1, o_1 = 1, p_1 = 1, q_1 = 1, r_1 = 1, s_1 = 1, t_1 = 1, u_1 = 1, v_1 = 1, w_1 = 1, x_1 = 1, y_1 = 1, z_1 = 1$

11/25/2011 11:25:11 AM 11/25/2011 11:25:11 AM

FLW $15 \times 4 = 60 + 60 = 120$ $120 - 11901 = -11901$ $120 -$

ACTUAL 8 min. = 8 gal

SPEC. WIND: $8.12 \times 10 = 81.2$ V₁₀ Shear = North

I certify that sampling procedures were in accordance with applicable EPA, State and WMI protocols.

7/4/99 _____ Employer: Frederick

FIELD INFORMATION FORM

Site #

Bottle Set:

Sample Point:

Source Code

TRAIL RIDGE

PURG
INFO

990721

PURGE DATE
(YY MM DD)

09037

START PURGE
(2400 Hr Clock)

02

ELAPSED HRS

68

WATER VOL IN CASING
(Gallons)

46

ACTUAL VOLUME PURGED
(Gallons)

Purged
Dry

PURG & SAMPLING EQUIP

Purging Equipment Dedicated ☒ N

Sampling Equipment Dedicated ☒ N

Purging Device	☒ C	A-Submersible Pump	D-Gas Lift Pump	G-Bailer	X- _____
					PURGING OTHER (SPECIFY)
Sampling Device	☒ G	B-Peristaltic Pump	E-Venturi Pump	H-Scoop/Shovel	X- _____
		C-Bladder Pump	F-Dipper/Bottle	I-Piston Pump	SAMPLING OTHER (SPECIFY)
Purging Material	☒ A	A-Teflon	C-Polypropylene	E-Polyethylene	X- _____
					PURGING OTHER (SPECIFY)
Sampling Material	☒ A	B-Stainless Steel	D-PVC		X- _____
					SAMPLING OTHER (SPECIFY)
Tubing-Purging	☒ G	A-Teflon	D-Polypropylene	F-Silicon	X- _____
					PURGING OTHER (SPECIFY)
Tubing-Sampling	☒ G	B-Tygon	E-Polyethylene	G-Combination teflon/	X- _____
		C-Rope X- _____	(SPECIFY)	Polypropylene	SAMPLING OTHER (SPECIFY)
Filtering Devices 0.45 μ	☒	A-In-line Disposable	B-Pressure	C-Vacuum	

FIELD MEASUREMENTS

Well Elevation	112606 (ft/msl)	Land Surface Elevation	_____ (ft/msl)
Depth to water From top of well casing	1256 (ft)	Depth to water From land surface	_____ (ft)
Groundwater Elevation	11350 (ft/msl)	Groundwater Elevation	_____ (ft/msl)
Well Depth	2656 (ft)	Stickup	_____ (ft)

1st	501 (STD)	1st	1122 μ m/cm at 25° C	Sample Temp.	24.0 (° C)
	ph		spec cond		
2nd	_____ (STD)	2nd	_____ μ m/cm at 25° C	Turb	11.27
	ph		spec cond		new
3rd	_____ (STD)	3rd	_____ μ m/cm at 25° C	0.0	0.7
	ph		spec cond		units
4th	_____ (STD)	4th	_____ μ m/cm at 25° C		
	ph		spec cond		units

FIELD COMMENTS

Sample Appearance: CLEAR (if applicable) Odor: SLIGHT Color: NONE Turbidity: LOW

Weather Conditions: Wind Speed Calm Direction VAR Precipitation Y/N N Outlook Heavy 90°F

Specific Comments: Well Purged Dry @ 4.6 gallons - Sampled upon recovery within six hours.

CALC: $26.56 - 12.56 = 14.00 \times 0.163 = 2.282 \times 3 = 6.846 \text{ gal}$

Flow: $36 \times 4 = 144 \div 60 = 2.4 \times 6.846 = 16.43$

ACTUAL: $11 \text{ min} \div 2.4 = 4.58 \text{ gal}$

SPEC COND: $12.19 \times 10 = 121.9$

Vis. Stem = None

I certify that sampling procedures were in accordance with applicable EPA, State and WMI protocols.

7/21/99

(Signature)

Employer: TRC-TEN

FIELD INFORMATION FORM

Site #

Bottle Set:

Sample Point:

Source Code

TRAIL RIDGE

FIELD BLANK

PURG
INFO

990721

PURGE DATE
(YY MM DD)

START PURGE

(2400 Hr Clock)

ELAPSED HRS

WATER VOL. IN CASING

(Gallons)

ACTUAL VOLUME PURGED

(Gallons)

Purging EquipmentDedicated ☒ Y ☐ N

Sampling EquipmentDedicated ☒ Y ☐ N

PURG & SAMPLING EQUIP

Purging Device	☒ A-Submersible Pump	☐ D-Gas Lift Pump	☐ G-Bailer	X-	PURGING OTHER (SPECIFY)
Sampling Device	☒ B-Peristaltic Pump	☐ E-Venturi Pump	☐ H-Scoop/Shovel	X-	SAMPLING OTHER (SPECIFY)
	☐ C-Bladder Pump	☐ F-Dipper/Bottle	☐ I-Piston Pump		
Purging Material	☒ A-Teflon	☐ C-Polypropylene	☐ E-Polyethylene	X-	PURGING OTHER (SPECIFY)
Sampling Material	☒ B-Stainless Steel	☐ D-PVC		X-	SAMPLING OTHER (SPECIFY)
Tubing-Purging	☒ A-Teflon	☐ D-Polypropylene	☐ F-Silicon	X-	PURGING OTHER (SPECIFY)
Tubing-Sampling	☒ B-Tygon	☐ E-Polyethylene	☐ G-Combination teflon/ Polypropylene	X-	SAMPLING OTHER (SPECIFY)
	☐ C-Rope X-	(SPECIFY)			
Filtering Devices 0.45 μ	☒ A-In-line Disposable	☐ B-Pressure	☐ C-Vacuum		

FIELD MEASUREMENTS

Well Elevation	(ft/msl)	Land Surface Elevation	(ft/msl)
Depth to water From top of well casing	(ft)	Depth to water From land surface	(ft)
Groundwater Elevation	(ft/msl)	Groundwater Elevation	(ft/msl)
Well Depth	(ft)	Stickup	(ft)

1st	7.58 (STD)	1st	3.19 μ m/cm at 25° C
	ph		spec cond
2nd	(STD)	2nd	μ m/cm at 25° C
	ph		spec cond
3rd	(STD)	3rd	μ m/cm at 25° C
	ph		spec cond
4th	(STD)	4th	μ m/cm at 25° C
	ph		spec cond

Sample Temp.	27.1 (° C)
Turb	0.44 NTU
(other parameter)	value units
D.O.	4.6 mg/l
(other parameter)	value units
(other parameter)	value units

Sample Appearance: clear (if applicable) Odor: NONE Color: NONE Turbidity: LOW

Weather Conditions: Wind Speed CALM Direction VAR Precipitation Y/N 0 Outlook Hazy 50°F

Specific Comments:

FIELD COMMENTS

SPEC COND: $3.19 \times 1 = 3.19$

Vis Sheen = None

I certify that sampling procedures were in accordance with applicable EPA, State and WMI protocols.

7/2/99

(Signature)

Employer: Pro Tech

FIELD INFORMATION FORM

Site #

Bottle Set:

Sample Point:

Source Code

TRAIL RIDGE

PURG
INFO

PURGE DATE
(YY MM DD)

START PURGE
(2400 Hr Clock)

ELAPSED HRS

WATER VOL IN CASING
(Gallons)

ACTUAL VOLUME PURGED
(Gallons)

Purging Equipment Dedicated ☒ Y ☐ N

Sampling Equipment Dedicated ☒ Y ☐ N

Purging Device	☐ A-Submersible Pump	☐ D-Gas Lift Pump	☐ G-Bailer	X- ☐ PURGING OTHER (SPECIFY)
Sampling Device	☒ B-Peristaltic Pump	☐ E-Venturi Pump	☐ H-Scoop/Shovel	X- ☐ SAMPLING OTHER (SPECIFY)
	☐ C-Bladder Pump	☐ F-Dipper/Bottle	☐ I-Piston Pump	
Purging Material	☐ A-Teflon	☐ C-Polypropylene	☐ E-Polyethylene	X- ☐ PURGING OTHER (SPECIFY)
Sampling Material	☒ B-Stainless Steel	☐ D-PVC		X- ☐ SAMPLING OTHER (SPECIFY)
Tubing-Purging	☐ A-Teflon	☐ D-Polypropylene	☐ F-Silicon	X- ☐ PURGING OTHER (SPECIFY)
Tubing-Sampling	☐ B-Tygon	☐ E-Polyethylene	☐ G-Combination teflon/ Polypropylene	X- ☐ SAMPLING OTHER (SPECIFY)
Filtering Devices 0.45 μ	☐ A-In-line Disposable	☐ B-Pressure	☐ C-Vacuum	

PURG & SAMPLING EQUIP

FIELD MEASUREMENTS

Well Elevation	(ft/msl)	Land Surface Elevation	(ft/msl)
Depth to water	(ft)	Depth to water	(ft)
From top of well casing		From land surface	
Groundwater Elevation	(ft/msl)	Groundwater Elevation	(ft/msl)
Well Depth	(ft)	Stickup	(ft)

1st	ph	(STD)	1st	spec cond	μ m/cm at 25° C	Sample Temp.	(° C)
2nd	ph	(STD)	2nd	spec cond	μ m/cm at 25° C	Turb	value units
3rd	ph	(STD)	3rd	spec cond	μ m/cm at 25° C	D.O.	value units
4th	ph	(STD)	4th	spec cond	μ m/cm at 25° C		value units

Sample Appearance: Cloudy (if applicable) Odor: ODOR Color: BLACK Turbidity: TURBID

Weather Conditions: Wind Speed CALM Direction VAR Precipitation NO Outlook HAZY 90°F

Specific Comments: LDSS IS A LEACHATE SAMPLE FROM TANK #6

FIELD COMMENTS

SPC COND: 8.80 x 1000 = 8800 Vis. Sheen = YES

I certify that sampling procedures were in accordance with applicable EPA, State and WMI protocols.

Date: 7/21/15 Signature: [Signature] Employer: Pro-Tech

FIELD INFORMATION FORM

Site #

Bottle Set:

Sample Point:

Source Code

TRAIL RIDGE

PURG
INFO

940721

PURGE DATE
(YY MM DD)

START PURGE

(2400 Hr Clock)

ELAPSED HRS

WATER VOL IN CASING

(Gallons)

ACTUAL VOLUME PURGED

(Gallons)

Purging Equipment Dedicated ☒ Y ☐ N

Sampling Equipment Dedicated ☒ Y ☐ N

PURG & SAMPLING EQUIP

Purging Device	☐ A-Submersible Pump	☐ D-Gas Lift Pump	☐ G-Bailer	X- ☐ PURGING OTHER (SPECIFY)
Sampling Device	☒ B-Peristaltic Pump	☐ E-Venturi Pump	☐ H-Scoop/Shovel	X- ☐ SAMPLING OTHER (SPECIFY)
	☐ C-Bladder Pump	☐ F-Dipper/Bottle	☐ I-Piston Pump	
Purging Material	☐ A-Teflon	☐ C-Polypropylene	☐ E-Polyethylene	X- ☐ PURGING OTHER (SPECIFY)
Sampling Material	☒ B-Stainless Steel	☐ D-PVC		X- ☒ Sample Bottle
				☐ SAMPLING OTHER (SPECIFY)
Tubing-Purging	☐ A-Teflon	☐ D-Polypropylene	☐ F-Silicon	X- ☐ PURGING OTHER (SPECIFY)
Tubing-Sampling	☐ B-Tygon	☐ E-Polyethylene	☐ G-Combination teflon/ Polypropylene	X- ☐ SAMPLING OTHER (SPECIFY)
	☐ C-Rope X- ☐ (SPECIFY)			
Filtering Devices 0.45 μ	☐ A-In-line Disposable	☐ B-Pressure	☐ C-Vacuum	

FIELD MEASUREMENTS

Well Elevation	☐ (ft/msl)	Land Surface Elevation	☐ (ft/msl)
Depth to water	☐ (ft)	Depth to water	☐ (ft)
From top of well casing		From land surface	
Groundwater Elevation	☐ (ft/msl)	Groundwater Elevation	☐ (ft/msl)
Well Depth	☐ (ft)	Stickup	☐ (ft)

1st	☐ (STD)	1st	☐ μ m/cm at 25° C
2nd	☐ (STD)	2nd	☐ μ m/cm at 25° C
3rd	☐ (STD)	3rd	☐ μ m/cm at 25° C
4th	☐ (STD)	4th	☐ μ m/cm at 25° C

Sample Temp.	☐ (° C)
☐ (other parameter)	☐ value ☐ units
☐ (other parameter)	☐ value ☐ units
☐ (other parameter)	☐ value ☐ units

FIELD COMMENTS

Sample Appearance: CLOUDY (if applicable) Odor: ODOR Color: LT. BROWN Turbidity: TURBID

Weather Conditions: Wind Speed Calm Direction VAR Precipitation Y/N NO Outlook HAZY 90°F

Specific Comments: LCS is a leachate composite sample from TANKS #1 - #5.

SP. COND: 10.35 x 1000 = 10350 Vis. Stem = YES

I certify that sampling procedures were in accordance with applicable EPA, State and WMI protocols.

7/21/99

(Date)

(Signature)

Employer: Pro-Tech

FIELD INFORMATION FORM

Site #
 Bottle Set:
 Sample Point: A SW-1
 Source Code:

Trail Ridge

PURGE INFO
 PURGE DATE (YY MM DD) 9/9 07 21
 START PURGE (2400 Hr Clock)
 ELAPSED HRS
 WATER VOL. IN CASING (Gallons)
 ACTUAL VOLUME PURGED (Gallons)

Purging Equipment Dedicated Y N (circle one)
 Sampling Equipment Dedicated Y N (circle one)

PURG & SAMPLING EQUIP	Purging Device	☒ A-Submersible Pump	☐ D-Gas Lift Pump	☐ G-Bailer	X- <u> </u> PURGING OTHER (SPECIFY)
	Sampling Device	☒ B-Peristaltic Pump	☐ E-Venturi Pump	☐ H-Scoop/Shovel	X- <u> </u> SAMPLING OTHER (SPECIFY)
		☐ C-Bladder Pump	☐ F-Dipper/Bottle	☐ I-Piston Pump	
	Purging Material	☐ A-Teflon	☐ C-Polypropylene	☐ E-Polyethylene	X- <u> </u> PURGING OTHER (SPECIFY)
	Sampling Material	☒ B-Stainless Steel	☐ D-PVC		X- <u> </u> SAMPLING OTHER (SPECIFY)
	Tubing-Purging	☐ A-Teflon	☐ D-Polypropylene	☐ F-Silicon	X- <u> </u> PURGING OTHER (SPECIFY)
	Tubing-Sampling	☐ B-Tygon	☐ E-Polyethylene	☐ G-Combination teflon/ Polypropylene	X- <u> </u> SAMPLING OTHER (SPECIFY)
	Filtering Devices 0.45 μ	☒ A-In-line Disposable	☐ B-Pressure	☐ C-Vacuum	

FIELD MEASUREMENTS

Well Elevation	<u> </u> (ft/msl)	Land Surface Elevation	<u> </u> (ft/msl)
Depth to water From top of well casing	<u> </u> (ft)	Depth to water From land surface	<u> </u> (ft)
Groundwater Elevation	<u> </u> (ft/msl)	Groundwater Elevation	<u> </u> (ft/msl)
Well Depth	<u> </u> (ft)	Stickup	<u> </u> (ft)

1st <u>678</u> (STD) ph	1st <u>245</u> μ m/cm at 25° C spec cond	Sample Temp. <u>25.1</u> (°C)
2nd <u> </u> (STD) ph	2nd <u> </u> μ m/cm at 25° C spec cond	<u>Turb</u> <u>2.61</u> <u>new</u> (other parameter) value units
3rd <u> </u> (STD) ph	3rd <u> </u> μ m/cm at 25° C spec cond	<u>0.0</u> <u>4.2</u> <u>76</u> (other parameter) value units
4th <u> </u> (STD) ph	4th <u> </u> μ m/cm at 25° C spec cond	<u> </u> <u> </u> <u> </u> (other parameter) value units

Sample Appearance: CLEAR (if applicable) Odor: NONE Color: NONE Turbidity: LOW
 Weather Conditions: Wind Speed CALM Direction VAR Precipitation Y/N 0 Outlook Hazy 90°F
 Specific Comments:

FIELD COMMENTS

Spec Cond: 2.45 x 100 = 245 U.S. Show = None

I certify that sampling procedures were in accordance with applicable EPA, State and WML protocols.

7/1/99 [Signature] Employer: PR-Tech

FIELD INFORMATION FORM

TRAIL RIDGE

Site #

Bottle Set:

Sample Point: A

Source Code

PURG
INFO

990721

PURGE DATE
(YY MM DD)

START PURGE
(2400 Hr Clock)

ELAPSED HRS

WATER VOL. IN CASING
(Gallons)

ACTUAL VOLUME PURGED
(Gallons)

PURG & SAMPLING EQUIP

Purging Equipment Dedicated Y N

Sampling Equipment Dedicated Y N

Purging Device	☐ A-Submersible Pump	☐ D-Gas Lift Pump	☐ G-Bailer	X- _____ PURGING OTHER (SPECIFY)
Sampling Device	☒ B-Peristaltic Pump	☐ E-Venturi Pump	☐ H-Scoop/Shovel	X- _____ SAMPLING OTHER (SPECIFY)
	☐ C-Bladder Pump	☐ F-Dipper/Bottle	☐ I-Piston Pump	
Purging Material	☐ A-Teflon	☐ C-Polypropylene	☐ E-Polyethylene	X- _____ PURGING OTHER (SPECIFY)
Sampling Material	☒ B-Stainless Steel	☐ D-PVC		X- <u>Sample B-A-B</u> SAMPLING OTHER (SPECIFY)
Tubing-Purging	☐ A-Teflon	☐ D-Polypropylene	☐ F-Silicon	X- _____ PURGING OTHER (SPECIFY)
Tubing-Sampling	☐ B-Tygon	☐ E-Polyethylene	☐ G-Combination teflon/ Polypropylene	X- _____ SAMPLING OTHER (SPECIFY)
	☐ C-Rope X- _____ (SPECIFY)			
Filtering Devices 0.45 μ :	☐ A-In-line Disposable	☐ B-Pressure	☐ C-Vacuum	

FIELD MEASUREMENTS

Well Elevation	<u> </u> (ft/msl)	Land Surface Elevation	<u> </u> (ft/msl)
Depth to water From top of well casing	<u> </u> (ft)	Depth to water From land surface	<u> </u> (ft)
Groundwater Elevation	<u> </u> (ft/msl)	Groundwater Elevation	<u> </u> (ft/msl)
Well Depth	<u> </u> (ft)	Stickup	<u> </u> (ft)

1st	<u>5.41</u> (STD) ph	1st	<u>45</u> μ m/cm at 25° C spec cond
2nd	<u> </u> (STD) ph	2nd	<u> </u> μ m/cm at 25° C spec cond
3rd	<u> </u> (STD) ph	3rd	<u> </u> μ m/cm at 25° C spec cond
4th	<u> </u> (STD) ph	4th	<u> </u> μ m/cm at 25° C spec cond

Sample Temp. 25.1 (° C)

<u>Two</u> (other parameter)	<u>2.52</u> value	<u>mg</u> units
<u>0.0</u> (other parameter)	<u>5.3</u> value	<u>mg</u> units
<u> </u> (other parameter)	<u> </u> value	<u> </u> units

Sample Appearance: CLEAR (if applicable) Odor: None Color: None Turbidity: Low

Weather Conditions: Wind Speed Calm Direction Var Precipitation Y Outlook Hazy 90°F

Specific Comments: _____

FIELD COMMENTS

Spec. Cond: $4.48 \times 10 = 44.8$

V.S. Spec = None

I certify that sampling procedures were in accordance with applicable EPA, State and WMI protocols.

7/21/98 (Date) [Signature] (Signature)

Employer: ProTech

FIELD INFORMATION FORM

TRAIL RIDGE

Site #

Bottle Set:

Sample Point:

Source Code

GAS CONDENSATE

PURG INFO

990722

PURGE DATE (YY MM DD)

START PURGE (2400 Hr Clock)

ELAPSED HRS

WATER VOL. IN CASING (Gallons)

ACTUAL VOLUME PURGED (Gallons)

PURGING EQUIPMENT

Purging Equipment Dedicated ☒ Y ☐ N

Sampling Equipment Dedicated ☒ Y ☐ N

Purging Device	☐ A-Submersible Pump	☐ D-Gas Lift Pump	☐ G-Bailer	X- _____
				PURGING OTHER (SPECIFY)
Sampling Device	☒ B-Peristaltic Pump	☐ E-Venturi Pump	☐ H-Scoop/Shovel	X- _____
	☐ C-Bladder Pump	☐ F-Dipper/Bottle	☐ I-Piston Pump	SAMPLING OTHER (SPECIFY)
Purging Material	☐ A-Teflon	☐ C-Polypropylene	☐ E-Polyethylene	X- _____
Sampling Material	☒ B-Stainless Steel	☐ D-PVC		X- <u>Sample Bottle</u>
				SAMPLING OTHER (SPECIFY)
Tubing-Purging	☐ A-Teflon	☐ D-Polypropylene	☐ F-Silicon	X- _____
Tubing-Sampling	☐ B-Tygon	☐ E-Polyethylene	☐ G-Combination teflon/ Polypropylene	X- _____
	☐ C-Rope X- _____	(SPECIFY)		SAMPLING OTHER (SPECIFY)
Filtering Devices 0.45 μ	☐ A-In-line Disposable	☐ B-Pressure	☐ C-Vacuum	

PURG & SAMPLING EQUIP

FIELD MEASUREMENTS

Well Elevation	_____ (ft/msl)	Land Surface Elevation	_____ (ft/msl)
Depth to water	_____ (ft)	Depth to water	_____ (ft)
From top of well casing		From land surface	
Groundwater Elevation	_____ (ft/msl)	Groundwater Elevation	_____ (ft/msl)
Well Depth	_____ (ft)	Stickup	_____ (ft)

1st	<u>6.20</u> (STD)	1st	<u>4.360</u> μ m/cm at 25° C	Sample Temp.	_____ (° C)
	ph		spec cond		
2nd	<u> </u> (STD)	2nd	<u> </u> μ m/cm at 25° C	<u>Turb</u>	<u>4.97</u>
	ph		spec cond	(other parameter)	value units
3rd	<u> </u> (STD)	3rd	<u> </u> μ m/cm at 25° C	<u>0.0</u>	<u>0.6</u>
	ph		spec cond	(other parameter)	value units
4th	<u> </u> (STD)	4th	<u> </u> μ m/cm at 25° C	_____	_____
	ph		spec cond	(other parameter)	value units

Sample Appearance: CLEAR (if applicable) Odor: ODOR Color: NONE Turbidity: LOW

Weather Conditions: Wind Speed 0-5 Direction NE Precipitation Y 0 Outlook Partly Cloudy 85°F

Specific Comments: GAS CONDENSATE SAMPLE COLLECTED FROM LAKE MAN HOLE (HOLE) NEXT TO THE FLARE STATION.

FIELD COMMENTS

3PZL COND: $4.36 \times 1000 = 4360$ Vus. Skew = None

I certify that sampling procedures were in accordance with applicable EPA, State and WMI protocols.

7/24/99 (Date) [Signature] (Signature) Employer: Pro-Ten