

2006 MONITORING EVENT REPORT

**ORANGE COUNTY LANDFILL
ENVIRONMENTAL
MONITORING
PROGRAM**

*ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS
DIVISION OF ENVIRONMENTAL FACILITIES & SERVICES
GOSHEN, NEW YORK
SITE REGISTRY ID No. 3-36-007*

JANUARY 2007



ENGINEERS
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TECHNICAL RESOURCES
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TRANSMITTAL

TO: Orange County Department of Public Works
Division of Environmental Facilities & Services
Route 17M
P.O. Box 637
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RE: Orange County Landfill
2006 Post-Closure Monitoring
Event Report
Site Registry ID No. 3-36-007

FILE: 104.007

ATTN: Mr. Brian G. Ritzinger
Assistant Sanitary Engineer

DATE: January 22, 2007

We are sending you ☒ **herewith** ☐ under separate cover via **UPS**

- ♦ **One (1) copy of the "Orange County Landfill 2006 Post-Closure Monitoring Event Report, January 2007"**

The above are for: ☒ **information** ☒ **approval** ☐ revision ☐ construction ☐ other

REMARKS: If you have any questions, please contact me.

If enclosed are not as noted, please notify us at once.

Sincerely,

C&S ENGINEERS, INC.

Christen M. Craig
Environmental Scientist

CMC/cah
Enclosure

cc: Mr. Carl Hoffman – NYSDEC (w/enc.)
Ms. Fay S. Navratil – NYSDOH (w/enc.)
Mr. Edward A. Diana, County Executive – Orange County Government Center (w/enc.)
Mr. A. Alan Seidman, Chairman – Orange County Government Center (w/enc.)

**Orange County Landfill
Environmental Monitoring Program
2006 Monitoring Event**

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1.0 INTRODUCTION

In accordance with the 6 NYCRR Part 360 Solid Waste Management Facility regulations, Post-Closure environmental monitoring is conducted at the Orange County Landfill. The Orange County Landfill is located off Route 17M in the Town of Goshen, Orange County, New York on a 300-acre parcel owned by the County. The landfill is approximately three miles west of the Village of Goshen and is located between the Wallkill River (Cheechunk Canal) and the abandoned channel of the Old Wallkill River and covers approximately 75 acres of the entire site.

Orange County and the New York State Department of Environmental Conservation (NYSDEC) agreed on a Long Term Post-Closure Monitoring Program for the site in April 2000. The Long Term Post-Closure Monitoring Program required the completion of quarterly monitoring at 33 locations on and around the landfill as well as the preparation of quarterly monitoring reports for submittal to the New York State Department of Environmental Conservation (NYSDEC).

As part of the 2002 Monitoring Program, C&S prepared a variance request to the NYSDEC to reduce the frequency of monitoring required at the landfill. In December 2002, that variance was approved by the NYSDEC. As discussed in the NYSDEC Variance Approval letter, monitoring at the landfill will be completed once every fifth quarter for baseline parameters. Monitoring during the 2006 Program was completed in September 2006 with the exception of piezometer monitoring locations PZ-1A, PZ-4, and PZ-11 which were completed in October 2006. The results of the 2006 Post-Closure Monitoring Program are described in this report.

This Report was prepared for the Orange County Department of Public Works, Division of Environmental Facilities & Services by C&S Engineers, Inc., and documents the activities and results of the 2006 monitoring event for the Landfill. The report is based upon the analytical results of groundwater, surface water, and leachate samples collected on September 25, September 27, September 29, 2006 and October 31, 2006. Severn Trent Laboratories, Inc. (STL) under contract to C&S, performed the actual collection and analysis of the samples.

2.0 METHODOLOGY

As part of the 2006 monitoring event, groundwater samples were collected from monitoring wells and piezometers installed near the Landfill, surface water samples were collected from the Cheechunk Canal of the Wallkill River, and leachate samples were collected from sampling location MH-7 and MH-15 (see Figure 1).

2.1 SAMPLE COLLECTION AND ANALYSIS

The monitoring program involves the collection and analysis of samples in accordance with 6 NYCRR 360-2.11(c)(6), Water Quality Analysis Baseline Parameters. As part of the 2006 monitoring event, groundwater, surface water, and leachate samples were collected and analyzed for baseline list parameters by Severn Trent Laboratories, Inc., (STL), a New York State Department of Health (NYSDOH) certified lab. Samples were collected and handled in accordance with NYSDEC, NYSDOH, or other applicable protocols. In an effort to better characterize potential leachate impacts to the local groundwaters, the Orange County Department of Public Works, Division of Environmental Facilities & Services previously authorized the collection of groundwater samples for soluble metals analysis in addition to total metal analysis. STL collected additional groundwater samples from each monitoring well for subsequent filtering (immediately upon sample delivery) and soluble metals analysis at the laboratory. A copy of the laboratory analytical results is presented within Appendix A. The sample chain-of-custody documentation is presented within Appendix B.

A sample of the groundwater within each monitoring well was analyzed in the field for pH, temperature, Eh, turbidity, and conductivity. The amount of water removed from each well was recorded on the groundwater sampling field log sheets included in Appendix B. After evacuation, each well was allowed to recharge and the appropriate sample volume was collected within 24 hours of well purging. Unfiltered samples were collected in appropriate containers, preserved according to method protocol, and placed in coolers for transport to the laboratory.

Groundwater samples were collected from the following 23 groundwater monitoring wells and 3 piezometers:

PZ-1A	MW-220
PZ-4	MW-221S/D
PZ-11	MW-222
MW-3B	MW-223S/D
MW-207SA/D	MW-303S/D

MW-304S/D/VS

MW-312S

MW-230S/D

MW-233S/D

MW-234S/D

MW-245S/D

Surface water samples were collected from three locations designated as SW-13 (upstream Cheechunk Canal monitoring location), SW-5 and SW-8 (downstream Cheechunk Canal monitoring locations), as shown in Figure 1. Surface water sampling location SW-3 was dry at the time of sampling. Leachate samples were collected from Manhole 7 (MH-7) and Manhole 15 (MH-15) and analyzed for baseline parameters.

2.2 DATA EVALUATION

Analytical results from the analysis of the groundwater and surface water samples were compared to applicable NYSDEC Class GA Groundwater Quality Standards and Guidance Values and Class C Surface Water Quality Standards, respectively.

A statistical analysis of shallow and deep upgradient monitoring wells was performed (using standard Microsoft ExcelTM statistical analysis functions) on historical analytical data for selected parameters. The results for the selected monitoring wells/piezometers are individual datum from the most recent monitoring event completed in September 2006. The parameters were selected on the basis of data usability, frequency of sampling, the ability to indicate representative concentrations, and the ability to indicate the presence of landfill leachate. More specifically, the parameters used for this statistical analysis include alkalinity, chloride, hardness, conductance, phenols, TDS, sulfate, TOC, calcium, iron, magnesium, manganese, potassium, and sodium. Confidence intervals (99 percentile) were calculated from historical data from the upgradient wells.

To further assist in the interpretation of groundwater quality data, groundwater concentration isopleth maps for selected parameters (TOC, alkalinity, ammonia, chloride, COD, TKN, phenolics, TDS, sulfate, arsenic, barium, iron, lead, magnesium, manganese, potassium, and sodium) have been completed using *Surfer 8 Contouring and 3D Surface Mapping for Scientists and Engineers*, Golden Software, Inc.

The parameters used were selected based on data usability, frequency of sampling, frequency of detection, the ability to indicate representative concentrations, and the ability to reveal leachate influences. The data used for completion of the isopleth maps were the most recent analytical results for shallow groundwater monitoring wells sampled in September 2006.

3.0 2006 ENVIRONMENTAL MONITORING RESULTS

3.1 GROUNDWATER

Water depths in each of the monitoring wells were measured prior to the completion of well evacuation. The depths were determined by measuring the distance from the top of the PVC riser pipe to the water in the pipe. The groundwater elevations were then determined by subtracting the water depths from the surveyed elevation of the top of the corresponding PVC riser pipe and entered into the historical water level database presented in Table 2. It should be noted that all monitoring wells were resurveyed in 2003/2004 for both location and elevation. The surveyed elevation of the top of PVC riser pipes, included in Table 2, has been updated to reflect the most recent survey information.

With regard to the flow direction of groundwater, it is expected that shallow groundwater moves in a general west-to-east flow direction as indicated in previous reports. Appendix C includes a groundwater contour map for the Orange County Landfill. This contour map was prepared using *Surfer 8 Contouring and 3D Surface Mapping for Scientists and Engineers*, Golden Software, Inc.

The groundwater analytical data were compared to applicable NYSDEC Class GA groundwater standards and guidance values (as given in NYSDEC TOGS 1.1.1, June 1998) and are summarized in Table 3. Parameters that were detected at concentrations above standards or guidance values are shown in Table 3 with a shaded box around the value. Consistent with the results of previous post-closure monitoring, the results indicate that the groundwater near the landfill is characterized by elevated concentrations of TDS, iron, and manganese. In addition, ammonia, chloride, nitrate, phenols, sulfate, arsenic, chromium, magnesium, and sodium, exceeded applicable Class GA groundwater standards in one or more of the monitoring wells. The greatest number of exceedences of Class GA Standards or Guidance Values at the site and the highest values at the site were in wells MW-222 and MW-245S, respectively. In general, concurrent soluble metal analysis of the collected groundwater samples revealed that where elevated total iron, total magnesium and/or total manganese concentrations were identified, elevated concentrations of soluble iron, soluble magnesium and/or soluble manganese were also often identified. It should be noted that there were no volatile organic compounds detected above Class GA Standards or Guidance Values in any of the groundwater samples collected.

Tables 9 and 10 summarize the historical inorganic and metal data for groundwater monitoring wells near the Existing Landfill. Tables 11 and 12 summarize the historical inorganic and metal data for groundwater monitoring wells near the previously planned Landfill Expansion Areas.

Tables 5 and 7 present historical and statistical data for upgradient groundwater from shallow and deep wells, respectively. A comparison of this quarter's data with the calculated upper confidence level for the average is included in Tables 6 and 8. The upper confidence level for the average is based on the mean plus the 99% confidence interval. The 99% confidence interval is calculated from the standard deviation. Parameters that were detected at concentrations above the *upper confidence level for the average* are shown in Tables 6 and 8 with a shaded box around the value. It should be noted that the results for the selected monitoring wells/piezometers are individual datum from the September 2006 monitoring event.

To further assist in the interpretation of groundwater quality data, groundwater concentration isopleth maps for parameters including TOC, alkalinity, ammonia, chloride, COD, TKN, phenolics, TDS, sulfate, arsenic, barium, iron, lead, magnesium, manganese, potassium, and sodium have been completed using *Surfer 8 Contouring and 3D Surface Mapping for Scientists and Engineers*, Golden Software, Inc. As previously mentioned, the parameters used were selected based on data usability, frequency of sampling, frequency of detection, the ability to indicate representative concentrations, and the ability to reveal leachate influences. The data used for completion of the isopleth maps were the most recent analytical results for shallow groundwater monitoring wells sampled in September 2006. These maps are presented in Appendix D. The following table summarizes information based on the results of the isopleth maps:

Parameter	Highest Concentration Areas
TOC	MW-222
Alkalinity	MW-222
Ammonia	MW-222
Chloride	MW-230S/D
COD	MW-304S/D/VS
TKN	MW-222
Phenolics	MW-230S/D
TDS	MW-230S/D
Sulfate	MW-220
Arsenic	MW-207SA/D
Barium	MW-222
Iron	MW-245S/D
Lead	MW-245S/D
Magnesium	MW-245S/D
Manganese	MW- 304S/D/VS
Potassium	MW-245S/D
Sodium	MW-230S/D

3.2 SURFACE WATER

The analytical data for the site surface waters are presented in Table 4. A shaded box surrounding the data value indicates those parameter values that exceeded standards or guidance values. The surface water samples collected from surface water monitoring locations SW-5, SW-8, and SW-13 exceeded the 0.1 mg/l Class C surface water standard for total aluminum (0.34 mg/l, 0.94 mg/l, 0.29 mg/l respectively) and the 0.3 mg/l Class C surface water standard for total iron (0.82 mg/l, 1.5 mg/l, and 1.3 mg/l). There were no volatile organic compounds detected above method detection limits in any of the surface water samples collected with the exception of low levels of methylene chloride and acetone. Methylene chloride and acetone are common laboratory solvents and most likely originated from within the laboratory.

The historical data from SW-3 and SW-13 were statistically analyzed to identify the relative background water quality of the upstream surface water. The results of the analysis of upstream (background) surface water quality are presented in Table 10. The downstream surface water samples collected from sampling point SW-5 and SW-8 exceeded background conditions for magnesium (SW-5, SW-8) and sodium (SW-5).

The water quality data for the recently collected upstream and downstream surface water samples did not reveal obvious or significant differences in the parameter concentrations detected. Tables 15 and 16 summarize the historical inorganic and metals analytical data for the surface water samples collected at upstream and downstream locations. The results of the 2006 monitoring event and other data comparisons indicate that the water quality of the local surface waters are apparently influenced minimally by the Orange County Landfill.

3.3 LEACHATE MANHOLE

During the 2006 monitoring event, a leachate sample was collected from manhole 7 (MH-7) and manhole 15 (MH-15) and analyzed for baseline parameters. As shown in Table 5, the leachate sample collected from MH-7 and MH-15 were generally characterized by detectable to elevated concentrations of TOC, alkalinity, ammonia, BOD, chloride, COD, hardness, phenols, TDS, arsenic, calcium, boron, chromium, iron, magnesium, manganese, potassium, sodium, acetone, 1,4-dichlorobenzene, benzene, chlorobenzene, chloroethane, ethylbenzene, methylene chloride, and total xylenes. Table 14 summarizes the historical inorganic and metals analytical data for the leachate samples collected from sampling locations MH-7 and MH-15.

3.4 CONCLUSIONS

In general, the results of the 2006 monitoring event were consistent with historical conditions at the landfill.

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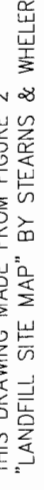
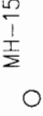
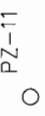
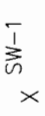
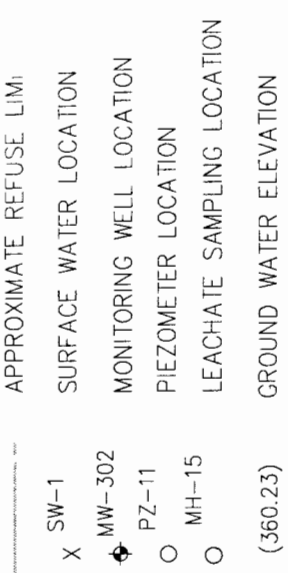
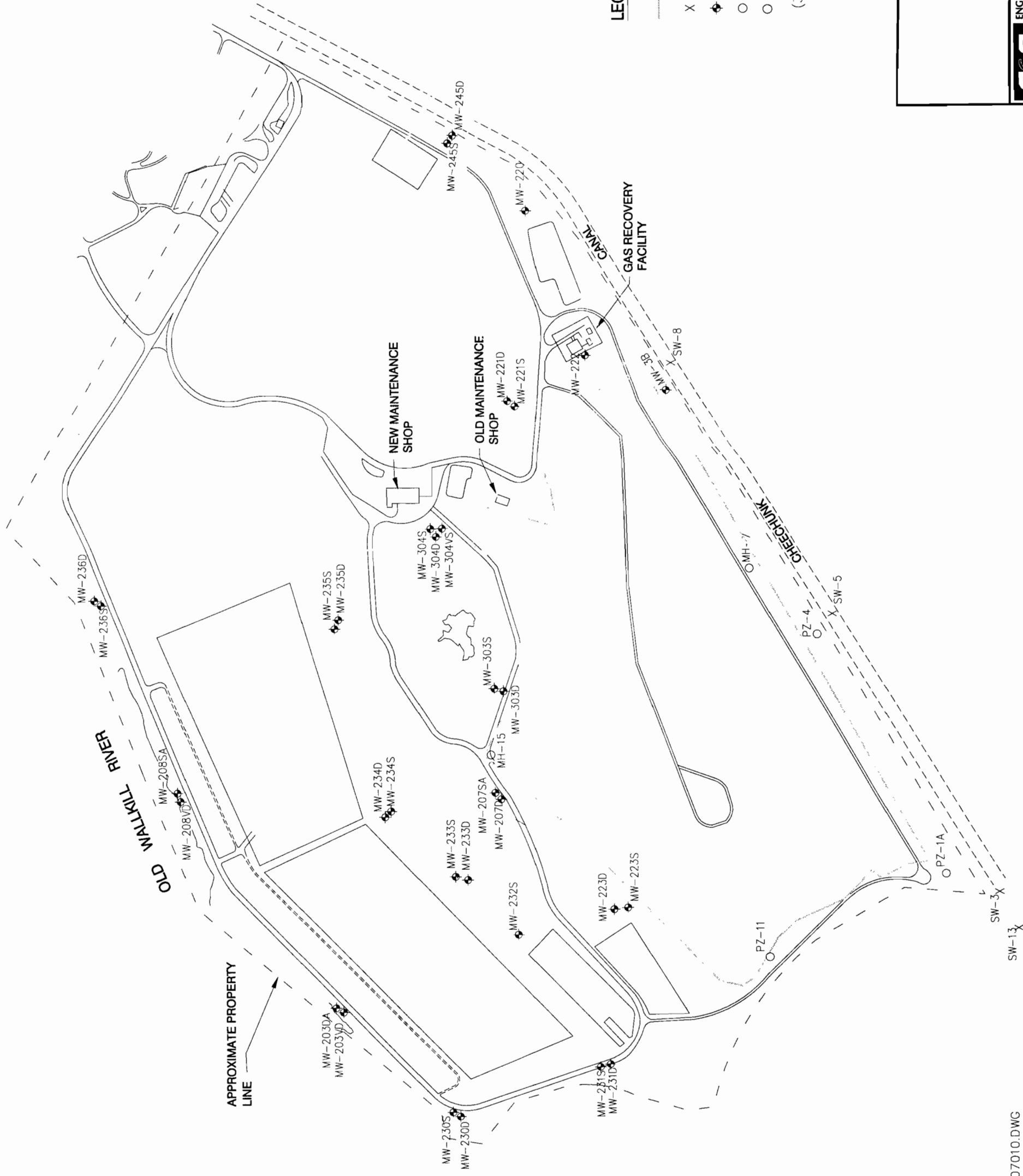
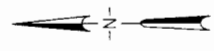


TABLE 1 - MONITORING WELL CONSTRUCTION DATA

Monitoring Well	Installation Date	Well Depth	Screen Length	Ground Elevation	Top of PVC Riser	Unit Screened
<i>Existing Landfill</i>						
PZ-1A	n/a	n/a	n/a	n/a	385.28	n/a
PZ-4	7/15/83	60	10	n/a	382.34	Sand/Gravel
PZ-11	n/a	n/a	n/a	n/a	390.41	n/a
MW-3B	n/a	n/a	n/a	n/a	386.43	n/a
MW-207 SA	n/a	n/a	n/a	n/a	389.74	Sand/Gravel
MW-207 D	8/21/87	59	10	n/a	390.92	Sand/Gravel
MW-220	8/6/87	30	10	n/a	378.94	Sand/Gravel
MW-221 S	7/10/87	25	10	378.03	381.44	Sand/Gravel
MW-221 D	8/4/87	54	10	378.25	381.29	Bedrock
MW-222	8/31/87	32	10	n/a	382.49	Sand/Gravel
MW-223S	9/3/1987	66.2	2	n/a	389.25	Sand/Gravel
MW-223D	8/19/1987	88.5	7	n/a	389.36	Sand/Gravel

<i>Former Landfill Expansion Area</i>						
MW-230 S	8/16/89	68.6	5	382.91	385.60	Sand/Gravel
MW-230 D	8/30/89	139.5	5	383.07	385.51	Bedrock
MW-232S	8/31/1989	25.5	10	385.81	388.64	Sand/Gravel
MW-233S	10/18/1990	19	10	387.34	389.29	Sand/Gravel
MW-234 S	8/29/89	41.8	8	387.32	390.63	Sand/Gravel
MW-234 D	8/3/89	86	5	387.87	390.10	Bedrock
MW-235S	9/11/1989	44.5	10	385.54	388.04	Sand/Gravel
MW-235D	9/1/1989	83.6	5	385.4	393.74	Bedrock
MW-245 S	10/26/89	47	10	388.16	391.13	Sand/Gravel
MW-245 D	10/25/89	81	5	388.08	391.08	Bedrock

MW-303D	n/a	74.54	n/a	n/a	389.83	n/a
MW-303S	n/a	27.2	n/a	n/a	389.85	n/a
MW-304D	n/a	62.32	n/a	n/a	390.08	n/a
MW-304S	n/a	32.59	n/a	n/a	390.92	n/a
MW304VS	n/a	10.16	n/a	n/a	390.72	n/a

* - Estimated values

NOTE: Contains information obtained from previous reports prepared by Wehran-New York, Inc.
Bold & Italics - Monitoring Locations were resurveyed in 2003/2004

TABLE 2 - MONITORING WELL ELEVATIONS

	Units	PZ 1A	PZ 4	PZ 11	MW 207SA	MW 207D	MW 303S	MW 303D	MW 304VS	MW 304S
Top of PVC	Feet	385.28	386.22	n/a*	389.13	390.44	n/a*	n/a*	n/a*	n/a*
Return of Top of PVC	Feet	385.28	386.22	390.41	389.74	390.92	389.85	389.83	390.72	390.92
Nov 1990	Feet	n/a*	368.36	n/a*	370.50	370.68				
Feb 1991	Feet	n/a*	368.03	n/a*	371.68	371.84				
May 1991	Feet	n/a*	367.88	n/a*	372.10	372.29				
Aug 1991	Feet	n/a*	365.16	n/a*	369.92	370.13				
Nov 1991	Feet	n/a*	365.23	n/a*	368.87	368.94				
Feb 1992	Feet	n/a*	366.38	n/a*	369.49	369.71				
May 1992	Feet	n/a*	367.31	n/a*	370.92	371.15				
Aug 1992	Feet	n/a*	367.15	n/a*	370.51	370.75				
Dec 1992	Feet	n/a*	366.38	n/a*	369.10	369.48				
Feb 1993	Feet	n/a*	367.88	n/a*	370.78	371.02				
May 1993	Feet	n/a*	367.80	n/a*	372.52	372.69				
Sep 1993	Feet	n/a*	365.02	n/a*	369.16	369.32				
Dec 1993	Feet	n/a*	366.76	n/a*	368.79	369.24				
Feb 1994	Feet	n/a*	368.80	n/a*	369.99	370.21				
May 1994	Feet	n/a*	368.35	n/a*	372.83	372.97				
Aug 94	Feet	n/a*	367.29	n/a*	370.33	370.52				
Nov-94	Feet	n/a*	365.94	n/a*	369.58	369.71				
March - 95	Feet	n/a*	368.42	n/a*	372.04	372.25	n/a*	n/a*	n/a*	n/a*
June-95	Feet	n/a*	366.11	n/a*	370.35	370.55	n/a*	n/a*	n/a*	n/a*
Sept. - 95	Feet	n/a*	369.24	n/a*	368.31	368.38	n/a*	n/a*	n/a*	n/a*
Nov-95	Feet	n/a*	372.14	n/a*	370.81	371.04	n/a*	n/a*	n/a*	n/a*
April-96	Feet	n/a*	373.37	n/a*	372.98	373.19	n/a*	n/a*	n/a*	n/a*
June-96	Feet	n/a*	358.13	n/a*	372.78	372.97	n/a*	n/a*	n/a*	n/a*
Sept-96	Feet	n/a*	371.42	n/a*	371.88	372.10	n/a*	n/a*	n/a*	n/a*
Dec-96	Feet	n/a*	373.20	n/a*	372.37	372.58	n/a*	n/a*	n/a*	n/a*
May-97	Feet	n/a*	373.17	n/a*	372.44	372.65	n/a*	n/a*	n/a*	n/a*
June-97	Feet	n/a*	371.37	n/a*	371.28	371.49	n/a*	n/a*	n/a*	n/a*
Sept-97	Feet	n/a*	371.20	n/a*	370.24	370.44	n/a*	n/a*	n/a*	n/a*
Dec-97	Feet	n/a*	371.35	n/a*	369.21	370.43	n/a*	n/a*	n/a*	n/a*
Mar-98	Feet	n/a*	374.47	n/a*	373.04	373.23	n/a*	n/a*	n/a*	n/a*
June-98	Feet	n/a*	376.04	n/a*	373.80	373.96	n/a*	n/a*	n/a*	n/a*
Sept-98	Feet	n/a*	370.18	n/a*	370.11	370.29	n/a*	n/a*	n/a*	n/a*
Dec-98	Feet	n/a*	369.23	n/a*	369.53	368.69	n/a*	n/a*	n/a*	n/a*
Apr-99	Feet	n/a*	372.74	n/a*	372.13	372.31	n/a*	n/a*	n/a*	n/a*
June-99	Feet	n/a*	379.59	n/a*	370.62	370.73	n/a*	n/a*	n/a*	n/a*
Sept-99	Feet	n/a*	372.31	n/a*	369.67	369.84	n/a*	n/a*	n/a*	n/a*
Dec-99	Feet	n/a*	371.16	n/a*	369.99	370.18	n/a*	n/a*	n/a*	n/a*
Apr-00	Feet	n/a*	372.82	n/a*	373.21	373.44	n/a*	n/a*	n/a*	n/a*
Jun-00	Feet	n/a*	373.31	n/a*	372.56	372.74	n/a*	n/a*	n/a*	n/a*
Sept-00	Feet	n/a*	371.96	n/a*	371.33	371.50	n/a*	n/a*	n/a*	n/a*
Dec-00	Feet	n/a*	372.52	n/a*	371.03	371.19	n/a*	n/a*	n/a*	n/a*
Mar-01	Feet	n/a*	375.02	n/a*	373.43	373.60	n/a*	n/a*	n/a*	n/a*
Jun-01	Feet	n/a*	372.45	n/a*	372.35	371.54	n/a*	n/a*	n/a*	n/a*
Sept-01	Feet	n/a*	370.12	n/a*	369.31	369.46	n/a*	n/a*	n/a*	n/a*
Dec-01	Feet	n/a*	369.05	n/a*	367.31	367.59	n/a*	n/a*	n/a*	n/a*
Mar-02	Feet	n/a*	369.72	n/a*	368.01	368.14	n/a*	n/a*	n/a*	n/a*
June-02	Feet	n/a*	371.35	n/a*	370.37	370.59	n/a*	n/a*	n/a*	n/a*
Sept-02	Feet	n/a*	369.24	n/a*	368.06	368.07	n/a*	n/a*	n/a*	n/a*
Dec-02	Feet	n/a*	367.79	n/a*	371.05	371.07	n/a*	n/a*	n/a*	n/a*
Apr-04	Feet	373.84	369.76	374.00	373.64	373.63	373.50	370.81	383.36	364.89
Jun-05	Feet	374.88	370.74	NS	378.44	364.92	372.55	373.40	385.87	367.92
Sept-06	Feet	373.18	368.74	373.61	372.24	372.72	372.45	371.83	383.82	366.42

TABLE 2 - MONITORING WELL ELEVATIONS

	Units	MW 304D	MW 220	MW 221S	MW 221D	MW 222	MW 223S	MW 223D	MW 230S	MW 230D
Top of PVC	Feet	n/a	378.16	380.74	380.47	381.73	382.75	383.02	385.19	385.6
Remotely Top of PVC	Feet	390.08	378.94	381.44	381.29	382.49	383.25	383.36	385.60	385.5
Nov 1990	Feet		360.71	363.58	365.44	362.38	371.05	371.09	372.34	372.63
Feb 1991	Feet		360.04	364.53	365.76	363.34	372.13	372.23	373.81	374.01
May 1991	Feet		359.14	364.94	365.57	363.55	372.69	372.77	374.27	374.54
Aug 1991	Feet		357.23	362.74	363.00	360.85	369.81	369.93	370.90	371.22
Nov 1991	Feet		357.35	361.62	362.83	360.41	369.10	369.59	370.20	370.42
Feb 1992	Feet		358.36	362.77	364.00	361.48	369.86	370.21	371.54	371.77
May 1992	Feet		359.19	364.02	364.93	362.64	371.33	371.56	373.18	373.62
Aug 1992	Feet		359.55	364.01	364.39	362.52	370.96	371.12	372.41	372.71
Dec 1992	Feet		359.56	362.76	364.20	361.47	369.66	369.81	370.90	371.12
Feb 1993	Feet		359.86	364.33	365.57	363.20	371.19	371.42	372.88	373.27
May 1993	Feet		359.14	366.35	365.93	365.03	372.98	373.06	374.53	374.75
Sep 1993	Feet		356.85	362.11	362.66	360.93	369.45	369.61	370.35	370.52
Dec 1993	Feet		360.29	362.32	363.88	361.22	369.58	369.64	370.75	370.82
Feb 1994	Feet		362.22	363.64	365.45	362.41	370.75	370.81	372.25	372.51
May 1994	Feet		359.95	366.86	366.66	365.22	373.37	373.39	374.84	375.20
Aug 94	Feet		358.11	363.39	364.09	362.13	370.74	370.88	371.72	371.84
Nov-94	Feet	n/a	358.03	362.78	363.62	361.60	369.95	370.05	371.22	371.38
March - 95	Feet	n/a	360.89	363.46	366.32	365.10	375.52	372.62	374.28	374.81
June-95	Feet	n/a	357.76	363.33	362.77	362.62	370.81	370.90	372.18	372.35
Sept. - 95	Feet	n/a	356.81	361.38	362.01	360.45	368.55	368.67	369.41	369.33
Nov-95	Feet	n/a	360.59	364.52	365.18	363.06	371.32	371.42	372.94	373.27
April-96	Feet	n/a	361.57	366.94	364.96	363.17	373.59	373.68	374.84	375.28
June-96	Feet	n/a	347.21	366.24	363.46	355.43	373.11	373.23	374.57	372.20
Sept-96	Feet	n/a	360.60	364.97	363.25	363.14	372.35	372.41	373.92	374.67
Dec-96	Feet	n/a	360.29	365.97	366.47	364.03	372.73	372.85	374.38	374.64
May-97	Feet	n/a	360.16	365.74	366.22	364.06	372.80	372.92	374.51	374.95
June-97	Feet	n/a	357.82	364.49	364.79	363.10	375.54	372.00	372.97	373.15
Sept-97	Feet	n/a	357.04	363.04	363.12	361.52	373.73	370.77	371.91	372.21
Dec-97	Feet	n/a	358.97	364.31	364.22	361.73	370.70	370.80	372.14	372.44
Mar-98	Feet	n/a	362.68	366.87	367.54	364.62	373.48	373.59	375.20	375.85
June-98	Feet	n/a	362.73	368.37	368.47	365.76	374.15	374.28	375.88	376.56
Sept-98	Feet	n/a	357.15	363.19	363.57	362.05	370.46	370.58	371.39	371.45
Dec-98	Feet	n/a	357.04	361.60	362.46	360.50	368.91	369.03	369.79	369.85
Apr-99	Feet	n/a	360.35	365.18	365.79	363.32	372.54	372.67	NS	NS
June-99	Feet	n/a	350.96	363.46	363.73	362.12	370.88	371.05	NS	NS
Sept-99	Feet	n/a	359.54	362.71	362.18	361.04	370.25	370.29	NS	NS
Dec-99	Feet	n/a	358.25	362.71	363.68	361.31	370.43	370.55	371.86	372.21
Apr-00	Feet	n/a	363.18	366.54	367.31	364.25	373.72	373.80	375.34	376.12
Jun-00	Feet	n/a	360.32	366.18	366.03	364.52	372.87	373.02	NS	NS
Sept-00	Feet	n/a	358.80	364.80	364.97	363.30	371.85	371.85	NS	NS
Dec-00	Feet	n/a	360.96	365.52	363.75	362.35	371.48	371.59	NS	NS
Mar-01	Feet	n/a	363.61	366.84	367.81	364.76	373.85	374.01	NS	NS
Jun-01	Feet	n/a	359.25	364.93	365.05	363.58	371.85	371.96	373.21	373.48
Sept-01	Feet	n/a	356.81	362.24	362.67	360.89	369.60	369.72	NS	NS
Dec-01	Feet	n/a	356.71	360.82	361.70	359.88	367.78	367.64	NS	NS
Mar-02	Feet	n/a	353.76	360.47	361.76	353.99	368.65	368.74	NS	NS
Jun-02	Feet	n/a	358.91	363.34	363.92	362.23	370.69	370.99	NS	NS
Sept-02	Feet	n/a	356.44	361.13	361.64	360.23	368.24	368.35	369.08	369.10
Dec-02	Feet	n/a	359.60	363.50	364.79	362.26	371.60	371.35	NS	NS
Apr-04	Feet	368.32	361.52	367.23	367.45	365.75	373.90	373.90	375.40	375.77
Jun-05	Feet	363.48	358.74	365.34	367.99	364.59	378.65	378.65	372.60	370.71
Sept-06	Feet	365.58	360.54	366.04	363.89	365.09	378.15	372.86	370.40	367.81

TABLE 2 - MONITORING WELL ELEVATIONS

	Units	MW 232S	MW 233S	MW 234S	MW 234D	MW 235S	MW 235D	MW 245S	MW 245D	MW 245D	MW 3B
Top of PVC	Feet	388.25	388.94	390.37	389.89	387.86	387.17	390.74	390.74	390.74	n/a
Resurveyed Top of PVC	Feet	388.64	389.29	390.63	390.10	388.04	393.74	391.13	391.08	391.08	383.73
Nov 1990	Feet	374.39	377.21	370.74	370.89	369.99	370.72	361.10	359.97	359.97	n/a
Feb 1991	Feet	370.85	377.22	371.82	371.59	371.21	372.01	360.72	360.61	360.61	n/a
May 1991	Feet	374.92	377.45	372.22	372.39	371.61	372.87	359.66	360.52	360.52	n/a
Aug 1991	Feet	373.49	377.02	370.30	370.41	371.27	369.18	358.11	357.92	357.92	n/a
Nov 1991	Feet	372.90	375.86	369.18	369.20	368.45	368.90	358.16	357.35	357.35	n/a
Feb 1992	Feet	372.96	376.41	369.76	369.98	369.20	369.60	359.53	359.30	359.30	n/a
May 1992	Feet	373.92	377.17	371.33	370.45	370.84	370.84	360.02	360.39	360.39	n/a
Aug 1992	Feet	373.96	376.82	371.10	371.07	370.44	370.72	359.53	359.78	359.78	n/a
Dec 1992	Feet	372.90	376.11	369.50	369.65	368.84	369.14	360.27	359.85	359.85	n/a
Feb 1993	Feet	374.26	377.32	371.23	370.38	370.64	370.64	360.28	360.25	360.25	n/a
May 1993	Feet	376.37	379.28	373.02	372.88	372.08	372.45	359.83	360.25	360.25	n/a
Sep 1993	Feet	373.97	376.92	369.56	369.48	368.65	368.99	357.47	357.72	357.72	n/a
Dec 1993	Feet	372.92	376.30	369.23	369.26	368.52	368.89	360.77	359.67	359.67	n/a
Feb 1994	Feet	373.10	376.35	369.97	370.27	369.70	370.02	362.66	362.73	362.73	n/a
May 1994	Feet	375.64	376.43	373.81	373.27	372.60	372.80	360.55	360.85	360.85	n/a
Aug 94	Feet	374.15	376.93	370.80	370.66	369.88	370.16	358.90	358.26	358.26	n/a
Nov-94	Feet	373.45	376.24	370.23	370.04	369.23	369.47	358.72	358.71	358.71	n/a
March - 95	Feet	374.58	378.68	374.10	372.58	371.80	372.03	361.51	361.95	361.95	n/a
June-95	Feet	374.15	376.81	370.93	370.69	369.96	370.23	358.41	358.60	358.60	n/a
Sept. - 95	Feet	372.80	375.35	368.63	368.54	367.90	368.07	357.50	357.55	357.55	n/a
Nov-95	Feet	373.71	378.27	372.72	371.28	370.59	370.80	360.77	360.98	360.98	n/a
April-96	Feet	376.36	379.39	374.96	373.50	372.81	370.64	362.27	359.90	359.90	n/a
June-96	Feet	376.10	378.84	373.42	373.12	372.25	368.97	364.64	362.72	362.72	n/a
Sept-96	Feet	375.23	379.25	374.46	372.67	372.08	372.17	361.31	359.36	359.36	n/a
Dec-96	Feet	375.67	378.46	374.19	372.78	372.05	372.38	361.00	361.02	361.02	n/a
May-97	Feet	375.52	377.94	374.23	372.85	372.10	372.48	360.86	360.01	360.01	n/a
June-97	Feet	373.90	377.46	371.97	371.69	370.91	371.15	358.57	358.59	358.59	n/a
Sept-97	Feet	378.33	378.33	371.47	370.71	370.04	370.37	358.63	358.86	358.86	n/a
Dec-97	Feet	373.46	376.33	371.59	370.62	369.88	370.25	359.64	359.54	359.54	n/a
Mar-98	Feet	375.09	378.06	373.40	373.69	373.98	373.33	363.43	362.69	362.69	n/a
June-98	Feet	376.60	380.20	376.55	374.56	376.19	374.32	363.46	361.05	361.05	n/a
Sept-98	Feet	374.46	377.03	370.73	370.47	369.72	370.13	357.85	357.90	357.90	n/a
Dec-98	Feet	372.96	375.54	368.95	368.86	368.11	368.39	357.73	357.58	357.58	n/a
Apr-99	Feet	NS	372.73	373.34	372.48	NS	NS	361.01	NS	NS	n/a
June-99	Feet	NS	NS	371.06	370.91	NS	NS	358.10	356.86	356.86	n/a
Sep-99	Feet	NS	NS	370.08	370.04	NS	NS	360.00	358.48	358.48	n/a
Dec-99	Feet	NS	NS	370.29	370.33	NS	NS	358.93	358.72	358.72	n/a
Apr-00	Feet	NS	NS	374.97	373.79	NS	NS	364.34	361.50	361.50	n/a
Jun-00	Feet	374.83	377.30	373.79	372.95	372.34	372.34	360.84	360.73	360.73	n/a
Sept-00	Feet	374.35	376.94	372.25	371.82	371.10	371.35	359.86	359.44	359.44	n/a
Dec-00	Feet	373.55	374.24	372.44	371.44	370.66	370.99	361.49	360.50	360.50	n/a
Mar-01	Feet	374.65	378.17	375.50	373.94	373.32	373.49	364.22	362.29	362.29	n/a
Jun-01	Feet	374.65	377.14	372.20	371.77	371.11	371.37	353.94	359.61	359.61	n/a
Sep-01	Feet	373.30	375.94	369.81	369.56	368.94	369.32	357.49	356.86	356.86	n/a
Dec-01	Feet	371.33	374.56	367.84	367.72	367.09	367.35	357.30	357.08	357.08	n/a
Mar-02	Feet	371.10	373.74	367.75	368.21	367.31	367.67	358.17	357.51	357.51	n/a
Jun-02	Feet	372.58	375.04	371.04	370.72	369.96	370.32	359.43	353.06	353.06	n/a
Sept-02	Feet	371.70	374.18	368.42	368.22	366.61	367.91	358.18	357.22	357.22	n/a
Dec-02	Feet	372.77	375.56	371.32	371.18	370.03	370.32	360.22	360.33	360.33	n/a
Apr 04	Feet	well under water	379.23	374.82	373.60	372.82	378.91	361.53	360.88	359.74	358.43
Jun-05	Feet	378.04	378.69	372.33	370.60	NS	NS	359.03	355.88	355.88	356.43
Sept-06	Feet	NS	378.19	373.53	372.60	NS	NS	362.13	359.38	359.38	359.03

NS - Not Sampled

*No Survey Data Available for Correlation.

Note: Wells were resurveyed in 2003/2004.

TABLE 3 - GROUNDWATER ANALYTICAL DATA

Date Sampled	UNITS	Class GA Standard	Class GA Guidance	PZ-1A	PZ-4	PZ-11	MW-3B	MW-207SA	MW-207D	Dupe	MW-220	MW-221S	MW-221D	MW-222	MW-223S	MW-223D	MW-230S	MW-230D	MW-233S
Specific Conductivity UmHos/cm	umhos/cm			125	58	44	183	229	231	232	281	240	385	237	194	186	113	1064	242
Eh (MV)	MV			740	560	1054	521	542	526	521	770	527	174	854	6.81	495	25	230	580
Field pH	S.U.	6.5-8.5		7.5	7.19	6.82	9.38	7.21	7.6	7.12	8.61	8.07	8.12	8.59	7.27	7.58	8.09	8.7	8.01
Temperature (deg. C)	deg. C			14.1	16.5	16.3	15.6	16.1	13.2	14.5	16.8	18.9	22.7	17.6	9.7	11.9	20.3	15.4	15.6
Turbidity (NTU)	NTU			4.2	788	4.21	39	26	180	NA	5.5	65	31	38	55	15	100	15	55
TOC	mg/l			<1.0	1.8	4.3	6.6	3.6	3.7	2.9	3	2.3	<1.0	11	3.8	3.7	<1.0	2	4.1
Alkalinity as CaCO3	mg/l			180	290	410	540	580	330	310	460	410	130	820	510	490	180	110	330
Ammonia as N	mg/l	2		<1.0	<1.0	<1.0	<1.0	1.2	<1.0	<1.0	<1.0	<1.0	<1.0	7.2	<1.0	<1.0	<1.0	1	<1.0
Biological Oxygen Demand	mg/l			<4.0	<4.0	<4.0	<4.0	6.3	<4.0	<4.0	<4.0	<4.0	<4.0	12	<4.0	<4.0	<4.0	<4.0	<4.0
Chloride	mg/l	250		25	29	17	200	15	12	11	17	9.6	56	71	14	15	19	590	14
Chemical Oxygen Demand	mg/l			<10	17	26	19	15	12	10	10	<10	<10	48	12	10	<10	26	26
Color	mg/l	15		20	1500	400	150	1000	300	200	200	100	100	150	750	300	20	150	15
Cyanide	mg/l	0.2		0.011	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Hexachrome	mg/l	0.05		<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	mg/l	10		<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.49	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	12
Total Hardness as CaCO3	mg/l			360	710	590	610	500	430	430	820	440	190	810	590	600	230	450	520
Kjeldahl Nitrogen as N	mg/l			<1.0	<1.0	<1.0	<1.0	0.49	0.41	0.44	<1.0	<1.0	<1.0	9.3	0.35	0.18	<1.0	1.3	<1.0
Phenolics, Total	mg/l	0.001		<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	0.019	<0.010	<0.010	<0.010	0.036	<0.010
Solids, Dissolved	mg/l	500		510	760	660	850	550	520	510	1100	500	240	990	660	660	310	1300	660
Sulfate as SO4	mg/l	250		170	190	110	36	9.3	87	110	310	22	18	11	71	95	52	130	140
Bromide	mg/l		2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	5.5	<1.0
Mercury, dissolved	ug/l	0.7		<0.20	<0.20	<0.2	<0.2	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Aluminum	ug/l	0.7		<0.20	<0.20	<0.20	<0.2	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Aluminum, dissolved	ug/l			<200	6800	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	440	<200
Antimony	ug/l	3		<60	<60	<60	<60	<60	<60	<60	<60	<60	<60	<60	<60	<60	<60	<60	<60
Antimony, dissolved	ug/l	3		<60	<60	<60	<60	<60	<60	<60	<60	<60	<60	<60	<60	<60	<60	<60	<60
Arsenic	ug/l	25		<5.0	20	21	48	41	51	49	5.1	<5.0	<5.0	29	31	27	<5.0	6.1	<5.0
Arsenic, dissolved	ug/l	25		<5.0	16	17	45	11	42	45	<5.0	<5.0	<5.0	12	25	22	<5.0	<5.0	<5.0
Barium	ug/l	1000		<200	<200	<200	<200	300	<200	<200	<200	290	<200	540	<200	<200	210	<200	<200
Barium, dissolved	ug/l	1000		<200	<200	<200	<200	300	<200	<200	<200	260	<200	520	<200	<200	<200	<200	<200
Beryllium	ug/l		3	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Beryllium, dissolved	ug/l		3	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Boron	ug/l	1000		<50	97	<50	270	<50	<50	<50	54	<50	<50	180	<50	<50	<50	68	<50
Boron, dissolved	ug/l	1000		<50	87	<50	260	<50	<50	<50	57	<50	<50	190	<50	<50	<50	68	<50
Cadmium	ug/l	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Cadmium, dissolved	ug/l	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Calcium	ug/l			110000	210000	190000	180000	150000	130000	130000	230000	160000	45000	230000	170000	170000	69000	110000	140000
Calcium, dissolved	ug/l			110000	180000	190000	180000	150000	130000	130000	220000	160000	45000	240000	170000	170000	69000	120000	140000
Chromium	ug/l	50		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10

TABLE 3 - GROUNDWATER ANALYTICAL DATA

Date Sampled	UNITS	Class GA Standard	Class GA Guidance	PZ-1A 10/31/2006	PZ-4 10/31/2006	PZ-11 10/31/2006	MW-3B 9/25/2006	MW-207SA 9/27/2006	MW-207TD 9/27/2006	Dupe MW-207D 9/27/2006	MW-220 9/25/2006	MW-221S 9/25/2006	MW-221D 9/25/2006	MW-222 9/25/2006	MW-223S 9/27/2006	MW-223D 9/27/2006	MW-230S 9/25/2006	MW-230D 9/25/2006	MW-233S 9/25/2006
Chromium, dissolved	ug/l	50		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Cobalt	ug/l			<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
Cobalt, dissolved	ug/l			<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
Copper	ug/l	200		<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Copper, dissolved	ug/l	200		<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Iron	ug/l	300		<100	12000	8300	1900	19000	2800	2700	860	110	260	41000	17000	3600	130	1200	<100
Iron, dissolved	ug/l	300		<100	490	7500	1700	13000	2300	2400	610	<100	160	28000	16000	3400	140	790	<100
Lead	ug/l	25		<5.0	6.6	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Lead, dissolved	ug/l	25		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Magnesium	ug/l		35000	25000	48000	30000	40000	31000	28000	28000	60000	12000	19000	58000	38000	41000	14000	41000	43000
Magnesium, dissolved	ug/l		35000	25000	43000	31000	40000	31000	27000	27000	59000	12000	18000	60000	38000	41000	14000	40000	39000
Manganese	ug/l	300		490	1600	3300	1100	1000	2300	2000	1300	32	40	500	2800	1700	370	110	730
Manganese, dissolved	ug/l	300		480	950	3300	1100	1100	1900	1900	1100	47	43	470	2700	1700	350	93	490
Nickel	ug/l	100		<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40
Nickel, dissolved	ug/l	100		<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40
Potassium	ug/l			<5000	6500	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	9500	<5000	<5000	<5000	6800	<5000
Potassium, dissolved	ug/l			<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	8700	<5000	<5000	<5000	6600	<5000
Selenium	ug/l	10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Selenium, dissolved	ug/l	10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Silver	ug/l	50		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Silver, dissolved	ug/l	50		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Sodium	ug/l	20000		16000	22000	14000	74000	10000	10000	10000	14000	9700	15000	57000	19000	14000	9600	280000	<5000
Sodium, dissolved	ug/l	20000		15000	20000	13000	73000	8800	8800	8700	15000	8900	14000	62000	17000	13000	8200	280000	<5000
Thallium	ug/l		0.5	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Thallium, dissolved	ug/l		0.5	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Vanadium	ug/l			<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
Vanadium, dissolved	ug/l			<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
Zinc	ug/l		2000	<20	46	23	<20	<20	<20	<20	<20	<20	<20	58	<20	<20	<20	67	<20
Zinc, dissolved	ug/l		2000	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
Acetone	ug/l		50	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	2.4 J	<10	<10	<10	8.7 J	<10
1,2-Dichloroethane	ug/l			<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethane	ug/l	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,1,2-Tetrachloroethane	ug/l	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,1,2-Trichloroethane	ug/l	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane	ug/l	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane	ug/l	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene	ug/l	0.6		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,3-Trichloropropane	ug/l	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dibromo-3-chloropropane	ug/l			<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dibromethane	ug/l			<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloroethane	ug/l	3		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloropropane	ug/l	1		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,4-Dichlorobenzene	ug/l	3		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

TABLE 3 - GROUNDWATER ANALYTICAL DATA

Date Sampled	UNITS	Class GA Standard	Class GA Guidance	PZ-1A 10/31/2006	PZ-4 10/31/2006	PZ-11 10/31/2006	MW-3B 9/25/2006	MW-207SA 9/27/2006	MW-207TD 9/27/2006	Dupe MW-207D 9/27/2006	MW-220 9/25/2006	MW-221S 9/25/2006	MW-221D 9/25/2006	MW-222 9/25/2006	MW-223S 9/27/2006	MW-223D 9/27/2006	MW-230S 9/25/2006	MW-230D 9/25/2006	MW-233S 9/25/2006
2-Hexanone	ug/l	5		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Acrylonitrile	ug/l	5		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzene	ug/l	1		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromochloromethane	ug/l	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromodichloromethane	ug/l	5	50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromoforn	ug/l	5	50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromomethane	ug/l	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon Disulfide	ug/l	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon Tetrachloride	ug/l	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chlorobenzene	ug/l	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroethane	ug/l	7		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroform	ug/l	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloromethane	ug/l	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
cis-1,2-Dichloroethene	ug/l	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
cis-1,3-Dichloropropene	ug/l	1		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromochloromethane	ug/l	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromomethane	ug/l	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Ethylbenzene	ug/l	0.4		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
MEK (2-Butanone)	ug/l	5	50	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Methyl isobutyl ketone (MIBK)	ug/l	5		<5.0	<5.0	<5.0	0.46 JB	<5.0	<5.0	<5.0	<5.0	0.46 JB	0.47 JB	0.58 JB	<5.0	<5.0	0.50 JB	0.57 JB	0.54 JB
Methylene Chloride	ug/l	2		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Xylenes, total	ug/l	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Styrene	ug/l	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Tetrachloroethene	ug/l	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene	ug/l	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	1.5 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,2-Dichloroethene	ug/l	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,3-Dichloropropene	ug/l	0.4		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Trans-1,4-Dichloro-2-butene	ug/l	5		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Trichloroethene	ug/l	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Trichlorofluoromethane	ug/l	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Vinyl Acetate	ug/l	0.04		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Vinyl Chloride	ug/l	2		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

NA - Not Analyzed

TABLE 3 - GROUNDWATER ANALYTICAL DATA

Date Sampled	UNITS	Class GA Standard	Class GA Guidance	MW-233D 9/25/2006	MW-234S 9/29/2006	MW-234D 9/29/2006	MW-245S 9/25/2006	MW-245D 9/25/2006	MW-312S 9/29/2006	MW-303S 9/27/2006	MW-303D 9/27/2006	MW-304S 9/27/2006	MW-304VS 9/27/2006	MW-304D 9/29/2006
Specific Conductivity Umhos/cm	umhos/cm			234	181	233	261	263	225	237	258	218	254	279
Eh (MV)	MV			653	558	416	531	262	309	534	737	624	855	481
Field pH	S.U.	6.5-8.5		8.94	7.87	8.06	9.14	8.97	7.99	6.94	7.79	7.41	7.43	7.73
Temperature (deg. C)	deg. C			15.4	13.2	12.3	16.6	13.5	16.3	16.0	22.3	17.9	20	13
Turbidity (NTU)	NTU			18	19.2	0	1000	850	33.8	3.7	0	11	500	0.24
TOC	mg/l			1.7	1.7	1.4	1.6	3.8	<1.0	5.3	1.8	4.6	5.3	3.3
Alkalinity as CaCO ₃	mg/l			210	240	170	250	120	150	430	200	490	320	210
Ammonia as N	mg/l	2		<1.0	<1.0	3.2	<1.0	<1.0	<1.0	1.4	<1.0	<1.0	<1.0	3.3
Biological Oxygen Demand	mg/l			<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	17	4	6	<4.0	<4.0
Chloride	mg/l	250		120	10	38	29	11	12	10	180	18	30	52
Chemical Oxygen Demand	mg/l			10	10	<10	37	43	<10	17	12	15	59	12
Color	mg/l	15		150	20	15	130	150	20	750	30	750	1000	30
Cyanide	mg/l	0.2		<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Hexachrome	mg/l	0.05		<0.010	<0.010	<0.010	<0.010	0.01	<0.010	<0.010	<0.010	<0.010	0.016	<0.010
Nitrate as N	mg/l	10		<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.44	0.42	<0.25	<0.25
Total Hardness as CaCO ₃	mg/l			280	350	360	850	150	220	430	180	500	500	340
Kjeldahl Nitrogen as N	mg/l			<1.0	0.31	0.25	<1.0	<1.0	0.18	1.7	0.41	1.3	1.6	1.9
Phenolics, Total	mg/l	0.001		<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Solids, Dissolved	mg/l	500		610	450	530	620	160	260	500	660	560	920	580
Sulfate as SO ₄	mg/l	250		140	120	120	170	5.7	37	<5.0	110	12	84	170
Bromide	mg/l		2	1.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.7	<1.0	<1.0	<1.0
Mercury	ug/l	0.7		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Mercury, dissolved	ug/l	0.7		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Aluminum	ug/l			<200	<200	<200	50000	22000	580	<200	<200	<200	10000	410
Aluminum, dissolved	ug/l			<200	<200	<200	7500	1500	<200	<200	<200	<200	<200	<200
Antimony	ug/l	3		<60	<60	<60	<60	<60	<60	<60	<60	<60	<60	<60
Antimony, dissolved	ug/l	3		<60	<60	<60	<60	<60	<60	<60	<60	<60	<60	<60
Arsenic	ug/l	25		<5.0	6.1	7	32	<5.0	<5.0	9.6	<5.0	<5.0	7.6	<5.0
Arsenic, dissolved	ug/l	25		<5.0	6.3	7.4	8.2	<5.0	<5.0	7.6	5.8	<5.0	<5.0	6.5
Barium	ug/l	1000		<200	<200	<200	350	<200	<200	<200	<200	390	<200	<200
Barium, dissolved	ug/l	1000		<200	<200	<200	200	<200	<200	<200	<200	370	<200	210
Beryllium	ug/l		3	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Beryllium, dissolved	ug/l		3	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Boron	ug/l	1000		82	<50	<50	56	<50	<50	<50	330	<50	<50	63
Boron, dissolved	ug/l	1000		85	<50	<50	<50	<50	<50	<50	380	<50	<50	93
Cadmium	ug/l	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Cadmium, dissolved	ug/l	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Calcium	ug/l			76000	110000	110000	230000	45000	67000	140000	44000	150000	160000	99000
Calcium, dissolved	ug/l			78000	110000	110000	140000	44000	67000	140000	53000	150000	160000	130000
Chromium	ug/l	50		<10	<10	<10	74	91	<10	<10	<10	<10	15	<10

TABLE 3 - GROUNDWATER ANALYTICAL DATA

Date Sampled	UNITS	Class GA Standard	Class GA Guidance	MW-233D	MW-234S	MW-234D	MW-245S	MW-245D	MW-312S	MW-303S	MW-303D	MW-304S	MW-304VS	MW-304D
				9/25/2006	9/29/2006	9/29/2006	9/25/2006	9/25/2006	9/29/2006	9/27/2006	9/27/2006	9/27/2006	9/27/2006	9/29/2006
Chromium, dissolved	ug/l	50		<10	<10	<10	12	<10	<10	<10	<10	<10	<10	<10
Cobalt	ug/l			<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
Cobalt, dissolved	ug/l			<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
Copper	ug/l	200		<25	<25	<25	140	31	<25	<25	<25	<25	65	<25
Copper, dissolved	ug/l	200		<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Iron	ug/l	300		780	270	710	100000	27000	670	21000	280	17000	15000	4500
Iron, dissolved	ug/l	300		<100	110	600	11000	1700	<100	21000	390	3900	170	7400
Lead	ug/l	25		7.9	<5.0	<5.0	49	13	<5.0	<5.0	<5.0	<5.0	10	<5.0
Lead, dissolved	ug/l	25		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Magnesium	ug/l		35000	23000	20000	22000	67000	10000	13000	22000	18000	30000	24000	24000
Magnesium, dissolved	ug/l		35000	23000	21000	21000	34000	<5000	12000	22000	21000	30000	22000	28000
Manganese	ug/l	300		43	660	590	4200	360	270	1600	31	3100	5000	550
Manganese, dissolved	ug/l	300		<15	670	560	1500	29	<15	1600	22	3000	2200	850
Nickel	ug/l	100		<40	<40	<40	89	65	<40	<40	<40	<40	<40	<40
Nickel, dissolved	ug/l	100		<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40
Potassium	ug/l			<5000	<5000	<5000	14000	6900	<5000	<5000	12000	<5000	9600	7100
Potassium, dissolved	ug/l			<5000	<5000	<5000	5100	<5000	<5000	<5000	<10000	<5000	5600	7400
Selenium	ug/l	10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Selenium, dissolved	ug/l	10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Silver	ug/l	50		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Silver, dissolved	ug/l	50		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Sodium	ug/l	20000		99000	<5000	22000	17000	<5000	<5000	9700	170000	13000	160000	37000
Sodium, dissolved	ug/l	20000		100000	<5000	19000	15000	<5000	<5000	8400	150000	12000	180000	30000
Thallium	ug/l		0.5	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Thallium, dissolved	ug/l		0.5	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Vanadium	ug/l			<50	<50	<50	82	<50	<50	<50	<10	<50	<50	<50
Vanadium, dissolved	ug/l			<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
Zinc	ug/l		2000	100	<20	<20	290	120	<20	<20	<20	<20	110	31
Zinc, dissolved	ug/l		2000	82	<20	<20	63	44	<20	<20	<20	<20	<20	<20
Acetone	ug/l		50	<10	<10	<10	<10	<10	<10	<10	<10	<10	1.8 J	<10
1,2-Dichloroethane	ug/l			<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1 Dichloroethane	ug/l	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	1.1 J	<5.0	<5.0	<5.0	<5.0
1,1,1,2-Tetrachloroethane	ug/l	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,1-Trichloroethane	ug/l	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane	ug/l	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane	ug/l	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene	ug/l	0.6		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,3-Trichloropropane	ug/l	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dibromo-3-chloropropane	ug/l			<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dibromoethane	ug/l			<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichlorobenzene	ug/l	3		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloropropane	ug/l	1		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,4-Dichlorobenzene	ug/l	3		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

TABLE 3 - GROUNDWATER ANALYTICAL DATA

Date Sampled	UNITS	Class GA Standard	Class GA Guidance	MW-233D 9/25/2006	MW-234S 9/29/2006	MW-234D 9/29/2006	MW-245S 9/25/2006	MW-245D 9/25/2006	MW-312S 9/29/2006	MW-303S 9/27/2006	MW-303D 9/27/2006	MW-304S 9/27/2006	MW-304VS 9/27/2006	MW-304D 9/29/2006
2-Hexanone	ug/l	5		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Acrylonitrile	ug/l	5		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzene	ug/l	1		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromochloromethane	ug/l	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromodichloromethane	ug/l		50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromoform	ug/l		50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromomethane	ug/l	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon Disulfide	ug/l			<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon Tetrachloride	ug/l	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chlorobenzene	ug/l	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroethane	ug/l			<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroform	ug/l	7		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloromethane	ug/l	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
cis-1,2-Dichloroethene	ug/l	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
cis-1,3-Dichloropropene	ug/l	1		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromochloromethane	ug/l	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibromomethane	ug/l	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Ethylbenzene	ug/l	0.4		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
MEK (2-Butanone)	ug/l		50	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Methyl isobutyl ketone (MIBK)	ug/l	5		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Methylene Chloride	ug/l	5		0.64 JB	<5.0	<5.0	0.46 JB	0.49 JB	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Xylenes, total	ug/l	2		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Styrene	ug/l	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Tetrachloroethene	ug/l	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene	ug/l	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,2-Dichloroethene	ug/l	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,3-Dichloropropene	ug/l	0.4		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Trans-1,4-Dichloro-2-butene	ug/l	5		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Trichloroethene	ug/l	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Trichlorofluoromethane	ug/l	5		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Vinyl Acetate	ug/l	0.04		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Vinyl Chloride	ug/l	2		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

NA - Not Analyzed

TABLE 4 - SURFACE WATER ANALYTICAL DATA

	Units	Class C Std.	SW-5	SW-8	SW-13
<i>Date Sampled</i>			<i>9/25/2006</i>	<i>9/25/2006</i>	<i>9/27/2006</i>
Specific Conductivity UmHos/cm	UmHos/cm		238	208	273
Eh (MV)	MV		317	366	362
Field pH	SU	6.5-8.5	7.52	8.49	7.05
Temperature (deg. C)	deg C		23.2	14.8	11.5
Turbidity (NTU)	NTU		34	32	7.5
TOC	mg/l		8.9	7.9	18
Alkalinity as CaCo3	mg/l		120	120	89
Ammonia as N	mg/l		< 1.0	< 1.0	< 1.0
Biological Oxygen Demand	mg/l		< 4.0	< 4.0	< 4.0
Chloride	mg/l		48	50	23
Chemical Oxygen Demand	mg/l		28	30	50
Color (Pt. Co. U.)	mg/l		300	200	400
Nitrate as N	mg/l		0.69	0.69	0.35
Total Hardness as CaCo3	mg/l		150	150	140
Kjeldahl Nitrogen as N	mg/l		1.6	1	1.6
Phenolics, Total	mg/l	0.005	< 0.010	< 0.010	< 0.010
Solids, Dissolved	mg/l	500	250	240	250
Sulfate as SO4	mg/l		23	22	48
Bromide	mg/l	2	< 1.0	< 1.0	< 1.0
Aluminum	mg/l	0.1	0.34	0.94	0.29
Antimony	mg/l		< 0.060	< 0.060	< 0.060
Arsenic	mg/l	*	< 0.005	< 0.005	< 0.005
Barium	mg/l		< 0.200	< 0.200	< 0.200
Beryllium	mg/l	1100	< 0.005	< 0.005	< 0.005
Boron	mg/l	10	< 0.050	< 0.050	< 0.050
Cadmium	mg/l	2.7	< 0.005	< 0.005	< 0.005
Calcium	mg/l		39	39	43
Chromium	mg/l	98	< 0.010	< 0.010	< 0.010
Cobalt	mg/l		< 0.050	< 0.050	< 0.050
Copper	mg/l	11.9	< 0.025	< 0.025	< 0.025
Cyanide, Total	mg/l	9	< 0.010	< 0.010	< 0.010
Hexachromium	mg/l	0.011	< 0.010	0.01	< 0.010
Iron	mg/l	0.3	0.82	1.5	1.3
Lead	mg/l	5.4	< 0.005	< 0.005	< 0.005
Magnesium	mg/l		14	14	9.4
Manganese	mg/l		0.093	0.11	0.29
Mercury	mg/l	0.0007	< 0.0002	< 0.0002	< 0.0002
Nickel	mg/l	69	< 0.040	< 0.040	< 0.040
Potassium	mg/l		< 5	< 5	< 5
Selenium	mg/l	0.0046	< 0.010	< 0.010	< 0.010
Silver	mg/l	0.0001	< 0.010	< 0.010	< 0.010
Sodium	mg/l		25	24	16
Thallium	mg/l	0.008	< 0.010	< 0.010	< 0.010
Vanadium	mg/l	0.014	< 0.050	< 0.050	< 0.050
Zinc	mg/l	110	< 0.020	< 0.020	< 0.020

TABLE 4 - SURFACE WATER ANALYTICAL DATA

	Units	Class C Std.	SW-5	SW-8	SW-13
<i>Date Sampled</i>			9/25/2006	9/25/2006	9/27/2006
Acetone	ug/l		1.6 J	< 10	2.1 J
Acrylonitrile	ug/l		< 10	< 10	< 10
Benzene	ug/l	1	< 5.0	< 5.0	< 5.0
Bromodichloromethane	ug/l		< 5.0	< 5.0	< 5.0
Bromomethane	ug/l		< 5.0	< 5.0	< 5.0
Bromochloromethane	ug/l	5	< 5.0	< 5.0	< 5.0
Bromoform	ug/l		< 5.0	< 5.0	< 5.0
2-Butanone	ug/l		< 10	< 10	< 10
Carbon Disulfide	ug/l		< 5.0	< 5.0	< 5.0
Carbon Tetrachloride	ug/l		< 5.0	< 5.0	< 5.0
Chlorobenzene	ug/l	5	< 5.0	< 5.0	< 5.0
Chloroethane	ug/l		< 5.0	< 5.0	< 5.0
Chloroform	ug/l	5	< 5	< 5	< 5
Chloromethane	ug/l	5	< 5.0	< 5.0	< 5.0
Dibromochloromethane	ug/l	7	< 5.0	< 5.0	< 5.0
Dibromomethane	ug/l	5	< 5.0	< 5.0	< 5.0
1,2-Dibromo-3-chloropropane	ug/l		< 5.0	< 5.0	< 5.0
1,2-Dibromoethane	ug/l	0.4	< 5.0	< 5.0	< 5.0
1,2-Dichlorobenzene	ug/l		< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/l	3	< 5.0	< 5.0	< 5.0
Trans-1,4-Dichloro-2-butene	ug/l	5	< 10	< 10	< 10
1,1 Dichloroethane	ug/l	5	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	ug/l	5	< 5.0	< 5.0	< 5.0
1,1-Dichloroethene	ug/l	0.6	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	ug/l		< 5.0	< 5.0	< 5.0
cis-1,2-Dichloroethene	ug/l	5	< 5.0	< 5.0	< 5.0
trans-1,2-Dichloroethene	ug/l	5	< 5.0	< 5.0	< 5.0
cis-1,3-Dichloropropene	ug/l	1	< 5.0	< 5.0	< 5.0
trans-1,3-Dichloropropene	ug/l	0.4	< 5.0	< 5.0	< 5.0
Ethylbenzene	ug/l	0.4	< 5.0	< 5.0	< 5.0
2-Hexanone	ug/l	5	< 10	< 10	< 10
Methylene Chloride	ug/l	5	0.61 JB	0.57 JB	< 5.0
4-Methyl-2-pentanone	ug/l		< 10.0	< 10.0	< 10.0
Styrene	ug/l		< 5.0	< 5.0	< 5.0
1,1,1,2-Tetrachloroethane	ug/l	5	< 5.0	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	ug/l	5	< 5.0	< 5.0	< 5.0
Tetrachloroethene	ug/l	5	< 5.0	< 5.0	< 5.0
Toluene	ug/l	5	< 5.0	< 5.0	< 5.0
Trichloroethene	ug/l		< 5.0	< 5.0	< 5.0
1,1,1-Trichloroethane	ug/l	5	< 5.0	< 5.0	< 5.0
1,1,2-Trichloroethane	ug/l	5	< 5.0	< 5.0	< 5.0
Trichlorofluoromethane	ug/l	5	< 5.0	< 5.0	< 5.0
1,2,3-Trichloropropane	ug/l	5	< 5.0	< 5.0	< 5.0
Vinyl Acetate	ug/l	0.04	< 5.0	< 5.0	< 5.0
Vinyl Chloride	ug/l	2	< 5.0	< 5.0	< 5.0
Xylenes, total	ug/l	5	< 5.0	< 5.0	< 5.0

* Arsenic - dissolved arsenic form.

* Cadmium $(0.85)\exp(0.7852 \{\ln(\text{hardness})\}) - 2.715$

* Chromium $(0.86)\exp(0.819 \{\ln(\text{hardness})\}) + 0.6848$

* Copper $(0.96)\exp(0.8545 \{\ln(\text{hardness})\}) - 1.702$

* Lead $\{1.46203 - [\ln(\text{hardness}) (0.145712)]\}\exp(1.273 [\ln(\text{hardness})]) - 4.297$

* Nickel $(0.997)\exp(0.846 [\ln(\text{hardness})]) + 0.0584$

* Beryllium - Class GA Standard is 11 ug/l when hardness < 75 ppm, 1100 ug/l when hardness > 75 ppm.

* Zinc $\exp(0.85 \{\ln(\text{ppm hardness})\}) - .5$

**dichlorobenzenes- applies to the sum of 1,2 , 1,3 , and 1,4-dichlorobenzene

TABLE 5 -- MANHOLE ANALYTICAL RESULTS

<i>Date Sampled</i>	Units	MH-7 9/29/2006	MH-15 9/29/2006
TOC	mg/l	250	61
Alkalinity as CaCo3	mg/l	< 5.0	760
Ammonia as N	mg/l	430	93
Biological Oxygen Demand	mg/l	42	22
Chloride	mg/l	1400	240
Chemical Oxygen Demand	mg/l	1000	220
Color (Pt. Co. U.)	mg/l	400	200
Nitrate as N	mg/l	3.4	< 0.25
Total Hardness as CaCo3	mg/l	730	600
Phenolics, Total	mg/l	0.058	< 0.010
Solids, Dissolved	mg/l	3700	1300
Sulfate as SO4	mg/l	51	17
Bromide	mg/l	< 1.0	< 1.0
Cyanide, Total	mg/l	< 0.010	< 0.010
Hexachromium	mg/l	< 0.20	< 0.20
Mercury	mg/l	< 0.20	< 0.20
Aluminum	ug/l	< 200	< 200
Antimony	ug/l	< 60	< 60
Arsenic	ug/l	17	8.2
Barium	ug/l	< 200	< 200
Beryllium	ug/l	< 5.0	< 5.0
Boron	ug/l	3100	940
Cadmium	ug/l	< 5.0	< 5.0
Calcium	ug/l	150000	170000
Chromium	ug/l	12	< 10
Cobalt	ug/l	< 50	< 50
Copper	ug/l	< 25	< 25
Iron	ug/l	12000	5600
Lead	ug/l	< 5.0	< 5.0
Magnesium	ug/l	88000	41000
Manganese	ug/l	430	3000
Nickel	ug/l	89	< 40
Potassium	ug/l	400000	76000
Selenium	ug/l	< 10	< 10
Silver	ug/l	< 10	< 10
Sodium	ug/l	1100000	250000
Thallium	ug/l	< 10	< 10
Vanadium	ug/l	< 50	< 50
Zinc	ug/l	< 20	< 20

TABLE 5 -- MANHOLE ANALYTICAL RESULTS

<i>Date Sampled</i>	Units	MH-7 9/29/2006	MH-15 9/29/2006
Acetone	ug/l	12 J	2.9 J
1,2-Dichloroethane	ug/l	< 25	< 5.0
1,1 Dichloroethane	ug/l	< 25	< 5.0
1,1,1,2-Tetrachloroethane	ug/l	< 25	< 5.0
1,1,1-Trichloroethane	ug/l	< 25	< 5.0
1,1,2,2-Tetrachloroethane	ug/l	< 25	< 5.0
1,1,2-Trichloroethane	ug/l	< 25	< 5.0
1,1-Dichloroethene	ug/l	< 25	< 5.0
1,2,3-Trichloropropane	ug/l	< 25	< 5.0
1,2-Dibromo-3-chloropropane	ug/l	< 25	< 5.0
1,2-Dibromoethane	ug/l	< 25	< 5.0
1,2-Dichlorobenzene	ug/l	< 25	< 5.0
1,2-Dichloropropane	ug/l	< 25	< 5.0
1,4-Dichlorobenzene	ug/l	< 25	4.7 J
2-Hexanone	ug/l	< 50	< 10
Acrylonitrile	ug/l	< 50	< 10
Benzene	ug/l	15 J	1.2 J
Bromochloromethane	ug/l	< 25	< 5.0
Bromodichloromethane	ug/l	< 25	< 5.0
Bromoform	ug/l	< 25	< 5.0
Bromomethane	ug/l	< 25	< 5.0
Carbon Disulfide	ug/l	< 25	< 5.0
Carbon Tetrachloride	ug/l	< 25	< 5.0
Chlorobenzene	ug/l	21 J	< 5.0
Chloroethane	ug/l	< 25	3.8 J
Chloroform	ug/l	< 25	< 5.0
Chloromethane	ug/l	< 25	< 5.0
cis-1,2-Dichloroethene	ug/l	< 25	< 5.0
cis-1,3-Dichloropropene	ug/l	< 25	< 5.0
Dibromochloromethane	ug/l	< 25	< 5.0
Dibromomethane	ug/l	< 25	< 5.0
Ethylbenzene	ug/l	57	1.3 J
MEK (2-Butanone)	ug/l	< 50	< 10
Methylene Chloride	ug/l	2.4 JB	< 5.0
4 Methyl-2-pentanone	ug/l	< 50	< 10
Total Xylenes	ug/l	< 25	3.2 J
Styrene	ug/l	< 25	< 5.0
Tetrachloroethene	ug/l	< 25	< 5.0
Toluene	ug/l	< 25	< 5.0
trans-1,2-Dichloroethene	ug/l	< 25	< 5.0
trans-1,3-Dichloropropene	ug/l	< 25	< 5.0
Trans-1,4-Dichloro-2-butene	ug/l	< 50	< 10
Trichloroethene	ug/l	< 25	< 5.0
Trichlorofluoromethane	ug/l	< 25	< 5.0
Vinyl Acetate	ug/l	< 25	< 5.0
Vinyl Chloride	ug/l	< 25	< 5.0

TABLE 6 - SHALLOW UPGRADIENT GROUNDWATER - STATISTICAL ANALYSIS

Monitoring Well	Sample Date	ALK (mg/l)	Cl- (mg/l)	Hard (mg/l)	Cond (umhos/cm)	Phenols (mg/l)	TDS (mg/l)	SO4= (mg/l)	TOC (mg/l)	Ca (mg/l)	Fe (mg/l)	Mg (mg/l)	Mn (mg/l)	K (mg/l)	Na (mg/l)
MW-231S	Nov-89		8.7	126	485	0.065	171	45.9	5.9	59.1	0.533		0.0075		15
MW-231S	Feb-90	137	20.6	190		0.011	246	37.3	0.49		3.12		0.145		
MW-231S	Apr-90	164	17	120	266	0.0025	232	38.9	6.46		0.41		0.107		
MW-231S	Nov-90	142	15.7	165	220	0.005	210	36	6.4	58	20	25	0.52	4.6	11
MW-231S	Feb-91	144	15.9	160	320	0.005	248	36.7	12	48.7	8.09	20.8	0.238	3.57	10.5
MW-231S	May-91	154	13.8	162	260	0.005	252	37.2	1.5	50.2	9.73	20	0.287	2.37	10.3
MW-231S	Aug-91	154	14.6	162	410	0.005	252	46.8	4.7	54.5	6.55	17.7	0.262	3.08	10.1
MW-231S	Nov-91	134	13	142		0.005	212	24.3	0.5	31.9	2.52	15.1	0.121	1.3	10.1
MW-231S	Feb-92	152	17.8	187	372	0.005		23.6	2	43.3	13.6	19.1	0.346	3.93	9.48
MW-231S	May-92	160	16.5	167	379	0.005	296	85	0.5	40.5	4.7	16.1	0.158	1.41	10.4
MW-231S	Aug-92	152	17.5	215	344	0.005	260	76.8	1	36.6	4.33	30.1	0.174	2.47	6.97
MW-231S	Dec-92	178	16	164	378	0.005	248	56	0.5	39.2	10.3	16.1	0.233	3.42	10.3
MW-231S	Feb-93	170	17.5	139	452	0.005	268	46	7	32.8	4.23	13.9	0.182	1.99	10.1
MW-231S	May-93	162	20	176	318	0.005	276	69.9	5	46.8	5.23	14.4	0.158	2.51	10.4
MW-231S	Aug-93	156	21	180	361	0.005	268	97.7	0.5	40.6	7.84	19.2	0.194	1.93	13.7
MW-231S	Dec-93	156	20	190	351	0.005	232	88.6	2	46.2	4.92	18.2	0.211	2.45	11
MW-231S	Feb-94	152	23	176	448	0.005	232	45.8	0.5	44.2	0.626	16	0.204	1.94	18.5
MW-231S	May-94	164	22	173	359	0.005	288	36.7	16	46.5	2.32	13.8	0.18	0.84	10.4
MW-231S	Aug-94	152	24	182	408	0.005	256	44.2	0.5	52	0.41	12.6	0.16	1.52	0.4
MW-231S	Nov-94	186	24	149	361	0.005	248	38.9	4	39.1	0.3	12.5	0.14	1.25	8.87
MW-231S	March-95	166	26	176	354	0.005	296	42.6	5	45.8	1.83	15	0.19	1.86	8.8
MW-231S	June-95	155	30	168	356	0.005	284	38.2	25	46.9	0.9	12.4	0.2	1.15	7.38
MW-231S	Sept. - 95	171	25	194	312	0.005	284	32.7	9	52.6	3.32	15.3	0.22	1.9	9.58
MW-231S	Nov-95	172	24	186	319	0.005	288	45.5	0.5	48.6	7.28	15.7	0.28	2.61	21.5
MW-231S	April-96	240	27	350	500	0.001	320	78	0.5	60	7.4	14	0.29	2.1	9.1
MW-231S	June-96	190	20	230	485	0.002	270	40	0.5	59	6.2	14	0.31	1.8	8.2
MW-231S	Sept-96	130	15	220	460	0.001	320	38	1.5	65	5.2	14	0.29	1.7	9
MW-231S	Nov-96	20	22	71	178	0.001	130	2	5.9	21	1.5	4.5	0.05	1.1	12
MW-231S	March-97	35	19	120	308	0.001	130	35	2.2	39	2.1	5.7	0.12	1.6	10
MW-231S	June-97	77	17	170	380	0.001	150	21	2	64	4.4	3.5	0.17	1.7	11
MW-231S	Sept-97	36	20	110	170	0.001	110	37	2.8	37	3.4	3.9	0.13	1.4	13
MW-231S	Dec-97	64	16	120	188	0.001	170	34	2.6	40	2.9	4.8	0.13	1.5	14
MW-231S	Mar-98	150	23	210	412	0.001	260	36	0.5	59	9.1	16	0.33	3.1	9.1
MW-231S	June-98	150	20	230	447	0.001	270	36	0.5	66	11	16	0.53	3.1	9.6
MW-231S	Sept-98	41	21	130	192	0.0038	160	33	2.8	40	6.5	6.7	0.21	3	13
MW-231S	Dec-98	50	20	180	202	0.001	130	33	2.4	60	6	6.5	0.21	0.5	11

TABLE 6 - SHALLOW UPGRADIENT GROUNDWATER - STATISTICAL ANALYSIS

Monitoring Well	Sample Date	ALK (mg/l)	Cl- (mg/l)	Hard (mg/l)	Cond (umhos/cm)	Phenols (mg/l)	TDS (mg/l)	SO4= (mg/l)	TOC (mg/l)	Ca (mg/l)	Fe (mg/l)	Mg (mg/l)	Mn (mg/l)	K (mg/l)	Na (mg/l)
MW-230S	Nov-89	141	33.6	209	385	0.007	288	47.5	2.96		5.71		0.449		
MW-230S	Feb-90	146	36.4	210		0.011	281	49.3	8.48		3.55		0.289		
MW-230S	Apr-90	159	35.2	200	387	0.0025	306	58.2	9.34						8.3
MW-230S	Nov-90	161	32.3	215	310	0.005	286	54	9.3	77.5	8.07	14.3	0.499	1.86	7.04
MW-230S	Feb-91	144	31.8	245	400	0.005	353	51	15	89.2	16.2	15.9	0.9	2.71	6.9
MW-230S	May-91	142	30.8	216	340	0.005	329	53	1.5	72.4	2.31	11.4	0.388	1.24	6.72
MW-230S	Aug-91	144	30.2	210	490	0.005	318	51.8	10.4	62.2	12.1	11.9	0.591	2.3	6.98
MW-230S	Nov-91	176	31	204	480	0.005	284	111	0.5	64.7	10.5	13.2	0.498	2.85	6.04
MW-230S	Feb-92	164	32.2	216	464	0.005	302		6		8.2	18.6	0.472	1.76	6.49
MW-230S	May-92	162	29.5		436	0.005	276	46.6	0.5						
MW-230S	Aug-92	140	31	184	408	0.005	316	72.8	0.5	54.9	8.88	11.3	0.43	2.36	4.74
MW-230S	Dec-92	150	27	183	469	0.005	308	63.2	0.5	55.1	7.96	11	0.324	2.18	7.14
MW-230S	Feb-93	182	30	233	495	0.005	340	48.5	19	63.1	27.6	18.1	1.37	4.13	7.3
MW-230S	May-93	168	28	197	332	0.005	276	73.8	6	61.4	10.6	10.6	0.38	2.79	6.91
MW-230S	Aug-93	176	30	195	383	0.005	320	71.3	0.5	48.3	20.9	17.9	0.574	2.07	9.75
MW-230S	Dec-93	150	29	225	391	0.005	328	47.9	2	61.5	14.4	17.3	0.683	3.07	7.94
MW-230S	Feb-94	160	29	263	461	0.005	240	51.1	0.5	77.2	19.7	17	0.72	3.46	7.36
MW-230S	May-94	164	28	244	356	0.005	272	49.1	13	62	6.04	21.6	0.44	0.69	9.65
MW-230S	Aug-94	140	29	187	423	0.005	280	57	0.5	53.7	1.19	12.8	0.12	1.3	6.43
MW-230S	Nov-94	145	30	159	365	0.005	152	52.9	4	47	0.5	10.1	0.18	0.97	7.37
MW-230S	March-95	165	32	215	356	0.005	272	49	8	66.2	1.83	12	0.38	1.48	6.5
MW-230S	June-95	143	34	299	357	0.005	308	44.5	0.5	67.6	2.84	31.6	0.46	0.99	6.72
MW-230S	Sept. - 95	151	3	202	317	0.005	312	45.2	25	61	6.77	12.1	0.44	2.14	7.4
MW-230S	Nov-95	144	30	166	315	0.005	284	47.7	0.5	48.8	2.43	10.7	0.024	1.51	10.4
MW-230S	April-96	140	28	520	520	0.001	310	110	0.5	78	12	13	0.55	1.8	7.6
MW-230S	June-96	270	27	200	417	0.001	270	32	0.5	65	9.2	11	0.47	1.7	6.5
MW-230S	Sept-96	160	24	230	410	0.001	240	42	1	70	9.1	12	0.44	1.7	7
MW-230S	Nov-96	70	25	110	329	0.001	180	2	1.3	31	2.9	8	0.081	1.8	8.1
MW-230S	March-97	42	24	130	409	0.001	140	48	1.9	42	4.2	6.5	0.19	2.6	6.2
MW-230S	June-97	62	26	140	246	0.001	160	30	1.9	43	5.2	8.1	0.24	2.3	6.4
MW-230S	Sept-97	32	23	130	240	0.001	190	42	2.5	40	7.6	8	0.27	3.1	11
MW-230S	Dec-97	130	17	160	256	0.001	200	41	1.8	46	14	10	0.49	3.9	12
MW-230S	Mar-98	190	30	250	375	0.001	240	38	0.5	73	20	16	0.86	4.1	9.7
MW-230S	June-98	75	30	190	288	0.001	210	37	1.4	52	14	14	0.55	3	9.1
MW-230S	Sept-98	150	30	250	320	0.001	240	32	1.6	77	16	15	0.61	4.1	8.8
MW-230S	Dec-98	130	42	230	373	0.001	230	30	1.4	73	9.1	11	0.37	0.5	7.2
MW-230S	Dec-99	150	33	280	455	0.001	240	37	0.5	86	18	17	0.78	2	7.1
MW-230S	Apr-00	109	28.6	195	400	0.005	222	45	1.1	59	8.82	11.5	0.396	2.77	8.94
MW-230S	Jun-01	127	39.6	223	465	0.002	296	41.9	2.2	69.5	16.9	12	0.759	4.79	10.8
MW-230S	Sept-02	139	39	216	447	0.002	275	39.6	0.5	69.4	0.917	10.3	0.366	0.797	7.68
MW-230S	Apr-04	147	42.5	218	436	0.002	273	34.5	0.5	68.7	5.48	11.2	0.432	1.72	7.89
MW-230S	Jun-05	96.6	31	163	675	0.021	226	39.3	1.48	50.7	0.454	8.79	0.0406	2.4	10.9
MW-230S	Sep-06	180	19	230	113	0.01	310	52	1	69	0.13	14	0.37	5	8.2

TABLE 6 - SHALLOW UPGRADIENT GROUNDWATER - STATISTICAL ANALYSIS

Monitoring Well	Sample Date	ALK (mg/l)	Cl- (mg/l)	Hard (mg/l)	Cond (umhos/cm)	Phenols (mg/l)	TDS (mg/l)	SO4= (mg/l)	TOC (mg/l)	Ca (mg/l)	Fe (mg/l)	Mg (mg/l)	Mn (mg/l)	K (mg/l)	Na (mg/l)
MW-203DA	Nov-89	112	14	109	219	0.098	186	27.7	3.46		7.94		0.244		
MW-203DA	Feb-90		11	116		0.0025	176	35.6	0.55		21.7		0.973		
MW-203DA	Apr-90	104	9.2	261	215	0.0025	172	28.9	2.08	42	2	5.6	0.26	1	5.7
MW-203DA	Nov-90	111	8.8	125	200	0.005	176	33	6.3	45.8	3.83	6.59	0.303	1.45	5.37
MW-203DA	Feb-91	106	8.9	134	260	0.132	238	36.1	8.2	42.9	2.39	5.82	0.264	1.16	4.8
MW-203DA	May-91	100	5.3	138	220	0.005	188	29.6	3	44.7	2.7	6.25	0.328	1.45	5.46
MW-203DA	Aug-91	102	7.3	130	310	0.005	197	34	9.8	37.5	2.27	5.74	0.281	0.71	5.53
MW-203DA	Nov-91	102	8	117	302	0.005	188	28		28.3	21	9.14	0.607	5.6	4.97
MW-203DA	Feb-92	126	14	84	296	0.005	188	2		37.5	1.9	5.41	0.199	0.79	4.25
MW-203DA	May-92	106	5.5	116	308	0.005	180	27	1						
MW-203DA	Aug-92	96	7.5	109	264	0.005	184	48.2	0.5	34.7	2.27	5.34	0.224	1.34	3.83
MW-203DA	Dec-92	140	5.5	107	295	0.005	132	48.9	0.5	33.7	3.06	5.65	0.186	1.27	5.29
MW-203DA	Feb-93	110	6.5	90.9	312	0.005	240	48.5	6	26.6	7.14	5.96	0.361	2.11	4.53
MW-203DA	May-93	104	6.5	113	224	0.005	168	71.2	4	36.4	3.34	5.41	0.217	1.44	5.59
MW-203DA	Aug-93	110	7	42	286	0.005	184	85.1	0.5	33.9	3.15	6	0.21	0.58	7.56
MW-203DA	Dec-93	112	7	130	288	0.005	192	106	0.5	40.3	4.07	7	0.358	1.43	5.96
MW-203DA	Feb-94	108	7.5	118	303	0.005	164	46.5	0.5	37	3.17	6.1	0.26	1.08	5.03
MW-203DA	May-94	108	6	126	249	0.005	176	24.4	14	38.8	2.9	7	0.32	0.25	6.48
MW-203DA	Aug-94	100	7.5	125	279	0.005	216	32.7	1	40.6	1.42	5.66	0.22	1.13	4.5
MW-203DA	Nov-94	105	8	100	262	0.005	192	35.6	0.5	31.6	0.5	5.02	0.17	0.61	5.79
MW-203DA	March-95	107	12	118	261	0.021	192	36.9	41	37.2	1.71	6	0.25	1.24	5
MW-203DA	June-95	103	11	121	256	0.005	184	28.4	7	39.8	0.46	5.34	0.23	0.9	5.4
MW-203DA	Sept. - 95	115	8	124	243	0.005	204	26.6	3	40.2	1.63	5.86	0.27	0.97	5.7
MW-203DA	Nov-95	112	7	110	238	0.005	196	47.7	0.5	35.4	1.1	5.38	0.2	1.01	7.58
MW-203DA	April-96	110	7.6	290	286	0.001	210	57	1.9	52	4.2	7.1	0.4	1.1	5.1
MW-203DA	June-96	110	3.7	360	285	0.001	190	32	0.5	41	0.91	5.5	0.19	0.67	4.3
MW-203DA	Nov-96	130	2	190	280	0.001	200	74	0.5	56	22	12	0.85	2.4	5
MW-203DA	Sept-96	110	7.5	130	270	0.0056	170	73	0.5	40	4.5	6.6	0.25	1.2	4.7
MW-203DA	March-97	120	7.3	230	298	0.001	160	37	1.4	69	24	14	0.99	3.7	3.5
MW-203DA	June-97	130	6.7	210	264	0.001	190	38	0.5	63	17	12	0.77	2.1	4.1
MW-203DA	Sept-97	120	10	180	280	0.001	230	36	0.5	54	20	12	0.82	2.6	5.6
MW-203DA	Dec-97	150	8.4	250	293	0.001	240	48	1	74	34	17	1.3	3.6	5.8
MW-203DA	Mar-98	150	7.4	600	306	0.001	200	43	0.5	170	89	45	3.7	10	7.7
MW-203DA	June-98	170	6.5	510	246	0.001	210	29	1	140	94	39	3.5	9.3	7.7
MW-203DA	Sept-98	140	7.2	330	278	0.001	210	26	0.5	92	63	25	1.8	7.8	6.7
MW-203DA	Dec-98	130	10	1300	283	0.001	160	24	1	350	270	100	9.9	3	8.3

TABLE 6 - SHALLOW UPGRADIENT GROUNDWATER - STATISTICAL ANALYSIS

Monitoring Well	Sample Date	ALK (mg/l)	Cl ⁻ (mg/l)	Hard (mg/l)	Cond (umhos/cm)	Phenols (mg/l)	TDS (mg/l)	SO4 ⁼ (mg/l)	TOC (mg/l)	Ca (mg/l)	Fe (mg/l)	Mg (mg/l)	Mn (mg/l)	K (mg/l)	Na (mg/l)
MW-208SA	Mar-90	148	38.2	205		0.02	284	97.3	3.08		0.799		0.374		
MW-208SA	Apr-90	147	37.8	200	398	0.0025	298	41.6	2.28	76		13	0.68	2.6	15
MW-208SA	Nov-90	161	38.2	215	330	0.005	304	54	4.7	78.5	7.89	12.6	0.609	2.12	16
MW-208SA	Feb-91	154	42.7	218	450		365	47	12.1	71	2.37	10.2	0.464	1.26	15.5
MW-208SA	May-91	150	42.5	224	440	0.005	347	44.8	0.5	78.2	3.21	11.5	0.625	1.46	15.6
MW-208SA	Aug-91	160	52.1		570	0.005	384	52.8	13.4	66.9	5.42	10.7	0.512	1.47	15.4
MW-208SA	Nov-91	156	42	186	545	0.005	316	41.4	0.5		0.696	6.6	0.132	0.82	10.3
MW-208SA	Feb-92	156		101	528	0.005		22.8	3	67.7	1.97	10.1	0.384	0.85	14.8
MW-208SA	May-92	156	45.5	211	522	0.005	320	42	0.5						
MW-208SA	Aug-92	154	48	196	486	0.005	364	54.1		62.7	2.56	9.68	0.386	1.89	13.6
MW-208SA	Dec-92	186	46	190	586	0.005	360	61.1	0.5	59.6	3.9	9.95	0.261	1.89	16.4
MW-208SA	Feb-93	188	45	162	561	0.005	376	44.5	11	50.3	5.03	8.75	0.499	1.95	16.4
MW-208SA	May-93	162	47	198	364	0.005	272	75.1	7	63.2	5.13	9.79	0.393	2.45	19
MW-208SA	Aug-93	172	45	211	412	0.005	340	54.2	0.5	61.7	3.35	13.9	0.331	1.4	19.3
MW-208SA	Dec-93	172	44	229	511	0.005	348	83.3	10	72	3.82	11.8	0.381	1.72	18.4
MW-208SA	Feb-94	170	50	226	574	0.005	296	55.6	0.5	72.5	3.9	11	0.419	1.66	19.4
MW-208SA	May-94	172	49	205	432	0.005	340	47.2	19	64.7	2.76	10.5	0.46	0.81	18.1
MW-208SA	Aug-94	180	47	221	529	0.005	328	59.4	0.5	71.7	0.53	10.1	0.41	1.39	14.9
MW-208SA	Nov-94	186	51	179	445	0.005	352	42.2	0.5	55.8	0.34	9.54	0.32	1.14	19.1
MW-208SA	March-95	125	50	218	417	0.005	344	48.2	9	66.4	2.43	12.6	0.56	2.49	19.4
MW-208SA	June-95	170	51	233	421	0.005	392	44	6	75.4	3.81	10.8	0.63	1.52	16.6
MW-208SA	Sept. - 95	169	47	236	372	0.005	384	48.5	0.5	76.1	2.47	11.1	0.46	1.6	19.8
MW-208SA	Nov-95	168	44	226	389	0.005	372	74.2	6	66.8	9.46	14.3	0.62	2.05	26
MW-208SA	April-96	170	49	320	540	0.001	350	91	2.3	78	5.3	10	0.47	1.4	21
MW-208SA	June-96	210	28	100	528	0.001	340	49	7.8	67	16	11	0.58	2.1	17
MW-208SA	Nov-96	200	23	200	513	0.001	320	100	12	81	39	16	1.2	3.4	19
MW-208SA	March-97	230	23	210	561	0.001	310	44	30	51	36	11	0.74	2.4	14
MW-208SA	June-97	210	36	230	464	0.001	330	38	9.4	72	18	12	0.85	2.8	9.3
MW-208SA	Sept-97	210	9.1	200	500	0.001	340	38	7.4	64	15	10	0.45	1.6	20
MW-208SA	Dec-97	240	9.2	190	436	0.001	260	37	23	55	48	13	0.78	2.9	13
MW-208SA	Mar-98	170	7.4	200	436	0.001	280	63	18	56	65	15	0.95	2.1	10
MW-208SA	June-98	180	7.5	160	374	0.001	260	39	24	46	29	12	0.7	1.8	10
MW-208SA	Sept-98	180	13	200	431	0.001	310	47	14	55	24	14	0.79	2.5	15
MW-208SA	Dec-98	180	24	200	441	0.001	270	61	28	60	30	11	0.61	0.5	15
Mean	= AVERAGE	142.93	23.46	199.63	369.41	0.006	255.26	47.90	4.97	58.85	12.11	12.92	0.52	2.15	9.98
Standard Deviation	= STDEV	42	13	117	104	0.014	66	20	7	31	26	10	0.9	1	5
Count	= COUNT	148	149	148	145	149	148	148	150	137	146	138	146	138	140
Confidence Interval	= CONFIDENCE (99%)	8.81	2.84	24.81	22.24	0.003	13.89	4.14	1.46	6.91	5.55	2.11	0.19	0.32	1.02
Lower Limit	MEAN-CONFIDENCE	134	21	175	347	0.003	241	44	4	52	7	11	0.3	2	9
Upper Limit ⁽¹⁾	MEAN+CONFIDENCE	152	26	224	392	0.009	269	52	6	66	18	15	0.7	2	11

⁽¹⁾The upper confidence level for the average is based on the mean plus the 99% confidence interval. The 99% confidence interval is calculated from the standard deviation.

TABLE 7 - SHALLOW GROUNDWATER DATA COMPARISON WITH UPPER CONFIDENCE INTERVAL

Parameter	Units	Upper Confidence Level for the Average ⁽¹⁾	PZ 1A	PZ 4	MW 3B	MW 207SA	MW 220	MW 221S	MW 222
Alkalinity	mg/l CaCO ₃	152	180	290	540	580	460	410	820
Chloride	mg/l	26	25	29	200	15	17	9.6	71
Hardness	mg/l CaCO ₃	224	360	710	610	500	820	440	810
Conductance, field	umhos/cm	392	125	58	183	229	281	240	237
Total Phenols	mg/l	0.009	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	0.019
TDS	mg/l	269	510	760	850	550	1100	500	990
Sulfate	mg/l	52	170	190	36	9.3	310	22	11
TOC	mg/l	6.42	<1.0	1.8	6.6	3.6	3	2.3	11
Calcium, total	ug/l	65759	110000	210000	180000	150000	230000	160000	230000
Iron, total	ug/l	17662	<100	12000	1900	19000	860	110	41000
Magnesium, total	ug/l	15033	25000	48000	40000	31000	60000	12000	58000
Manganese, total	ug/l	717.09	490	1600	1100	1000	1300	32	500
Potassium, total	ug/l	2470.37	<5000	6500	<5000	<5000	<5000	<5000	9500
Sodium, total	ug/l	10999	16000	22000	74000	10000	14000	9700	57000

Shading denotes value greater than upper confidence level for the average.

⁽¹⁾The upper confidence level for the average is based on the mean plus the 99% confidence interval. The 99% Confidence interval is calculated from the standard deviation.

TABLE 7 - SHALLOW GROUNDWATER DATA COMPARISON WITH UPPER CONFIDENCE INTERVAL

Parameter	Units	Upper Confidence Level for the Average ⁽¹⁾	MW 223S	MW 303 S	MW 304 S	MW 230S	MW 233S	MW 234S	MW 245S
Alkalinity	mg/l CaCO3	152	510	430	490	180	330	240	250
Chloride	mg/l	26	14	10	18	19	14	10	29
Hardness	mg/l CaCO3	224	590	430	500	230	520	350	850
Conductance, field	umhos/cm	392	194	237	218	113	242	181	261
Total Phenols	mg/l	0.009	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
TDS	mg/l	269	660	500	560	310	660	450	620
Sulfate	mg/l	52	71	<5.0	12	52	140	120	170
TOC	mg/l	6.42	3.8	5.3	4.6	<1.0	4.1	1.7	1.6
Calcium, total	ug/l	65759	170000	140000	150000	69000	140000	110000	230000
Iron, total	ug/l	17662	17000	21000	17000	130	<100	270	100000
Magnesium, total	ug/l	15033	38000	22000	30000	14000	43000	20000	67000
Manganese, total	ug/l	717.09	2800	1600	3100	370	730	660	4200
Potassium, total	ug/l	2470.37	<5000	<5000	<5000	<5000	<5000	<5000	14000
Sodium, total	ug/l	10999	19000	9700	13000	9600	<5000	<5000	17000

Shading denotes value greater than upper confidence level for the average.

⁽¹⁾The upper confidence level for the average is based on the mean plus the 99% confidence interval. The 99% Confidence interval is calculated from the standard deviation.

TABLE 8 - DEEP UPGRADIENT GROUNDWATER - STATISTICAL ANALYSIS

Monitoring Well	Sample Date	ALK (mg/l)	Cl- (mg/l)	Hard (mg/l)	Cond (umhos/cm)	Phenols (mg/l)	TDS (mg/l)	SO4= (mg/l)	TOC (mg/l)	Ca (mg/l)	Fe (mg/l)	Mg (mg/l)	Mn (mg/l)	K (mg/l)	Na (mg/l)
MW-230D	Nov-89	113	1.5	79.6	136	0.011	135	5	9.22		0.289		0.106		
MW-230D	Feb-90	123	4.6	120		0.00025	174	13.5	3.57		0.188		0.17		
MW-230D	Apr-90	124	1.5	90	226	0.00025	184	14.1		28	1.6	6.6	0.16	1.2	22
MW-230D	Nov-90	130	4.9	130	190	0.005	156	16	9.1	27.5	0.385	6.27	0.125	0.913	22.6
MW-230D	Feb-91	126	5	98	250	0.005	184	13.2	8.6	27.5	0.099	6.01	0.118	0.915	22.1
MW-230D	May-91	124	1.1	94	180	0.005	155	13	1.5	25.7	0.234	5.84	0.12	1.01	21.6
MW-230D	Aug-91	122	2.1	96	300	0.005	170	13.9	4.4	23.6	0.258	5.3	0.14	0.66	22.6
MW-230D	Nov-91	134	3	80.7	290	0.005	157	13	0.5	26.1	0.96	5.88	0.144	1.1	17.7
MW-230D	Feb-92	126	5.9	89.4	280	0.005	160	12.8	3	24.5	0.281	5.49	0.111	0.62	19.9
MW-230D	May-92	122	2.5	83.8	272	0.005	172	17.8	0.5						
MW-230D	Aug-92	124	4.5	76.5	258	0.005	176	55.1	0.5	22	0.291	5.24	0.115	1.48	17.7
MW-230D	Dec-92	138	1.5	72.1	290	0.005	160	43.8	0.5	20.8	0.217	4.9	0.084	0.85	22.9
MW-230D	Feb-93	132	2.5	65.3	315	0.005	180	14.5	7	18.6	0.7	4.6	0.144	1.07	23.6
MW-230D	May-93	126	1.5	78.2	226	0.005	152	48	4	22.7	0.83	5.23	0.099	1.23	25
MW-230D	Aug-93	128	3	74.9	247	0.005	148	72.5	0.5	19	0.607	6.68	0.142	0.25	28.7
MW-230D	Dec-93	120	2	86.2	262	0.005	140	47.6	2	24	0.787	6.4	0.163	1.07	23.9
MW-230D	Feb-94	126	2	82.1	282	0.005	156	38.9	0.5	23	0.858	6	0.106	0.92	22.1
MW-230D	May-94	128	1.5	77.3	245	0.005	180	18.6	16	21.2	0.6	5.93	0.12	0.79	21.9
MW-230D	Aug-94	124	2.5	85.5	269	0.005	172	17.9	1	25	0.4	5.6	0.14	0.94	17.5
MW-230D	Nov-94	153	3	70.2	254	0.005	160	30.6	2	19.1	0.23	5.48	0.12	0.76	22.1
MW-230D	March-95	129	2	80.8	248	0.005	164	16.7	5	22.8	0.44	5.8	0.099	0.92	21.8
MW-230D	June-95	125	3	86	252	0.005	176	21	18	24.8	0.16	5.76	0.13	1.21	19.2
MW-230D	Sept. - 95	125	1.5	82.6	239	0.005	188	16.8	0.5	23.7	0.16	5.7	0.13	1.09	21.3
MW-230D	Nov-95	128	0.5	67.3	239	0.005	176	21.7	0.5	18.1	0.46	5.38	0.12	1.04	25.2
MW-230D	April-96	140	9.5	160	340	0.001	170	16	16	27	0.78	6.1	0.14	1.2	26
MW-230D	June-96	150	0.5	100	272	0.002	170	12	0.5	25	1.4	6	0.14	1.1	21
MW-230D	Sept-96	130	0.5	89	270	0.0024	150	11	0.5	26	0.9	6	0.13	0.88	22
MW-230D	Nov-96	130	1.9	89	252	0.001	180	39	0.5	25	3.2	6.6	0.16	1.1	19
MW-230D	March-97	130	2.7	92	276	0.001	230	37	1	25	4	6.8	0.21	1.6	15
MW-230D	June-97	150	3.9	83	255	0.001	140	38	0.5	24	1	5.8	0.15	0.5	13
MW-230D	Sept-97	140	4.6	86	260	0.001	180	11	1	25	0.86	5.6	0.16	0.5	21
MW-230D	Dec-97	170	2.7	88	281	0.001	220	6.3	0.5	25	1	5.9	0.2	1	23
MW-230D	Mar-98	170	2.8	82	272	0.001	190	27	0.5	23	0.69	5.6	0.13	0.5	23
MW-230D	June-98	110	1.6	110	260	0.001	180	12	1.1	29	5.8	8.6	0.29	1.9	23
MW-230D	Sept-98	150	3.2	110	269	0.0033	210	14	1.1	30	6.1	8.6	0.43	2.5	21
MW-230D	Dec-98	130	0.5	91	263	0.001	140	12	0.5	27	3.9	5.7	0.17	0.5	18
MW-230D	Dec-99	130	3.8	100	278	0.001	190	13	0.5	29	1.8	6.8	0.19	0.5	20
MW-230D	Apr-00	133	2.83	89.9	275	0.006	156	19	0.5	26.1	0.285	6	0.106	0.865	21.9
MW-230D	Jun-01	122	2.6	88.9	284	0.002	136	14.4	0.5	25.9	0.214	5.89	0.097	1.16	21.7
MW-230D	Sept-02	125	2.53	86.9	277	0.002	187	13.6	0.5	25.4	0.123	5.7	0.109	0.885	21
MW-230D	Apr-04	124	2.39	82.4	230	0.002	143	12.7	0.5	24.1	0.528	5.4	0.161	0.961	20.9
MW-230D	Jun-05	129	5	86.8	642	0.01	164	11.5	1.1	24.5	0.422	6.23	0.103	1.21	23.2
MW-230D	Sept-06	110	590	450	1064	0.036	1300	130	2	110	1.2	41	0.11	6.8	280

TABLE 8 - DEEP UPGRADIENT GROUNDWATER - STATISTICAL ANALYSIS

Monitoring Well	Sample Date	ALK (mg/l)	Cl- (mg/l)	Hard (mg/l)	Cond (umhos/cm)	Phenols (mg/l)	TDS (mg/l)	SO4= (mg/l)	TOC (mg/l)	Ca (mg/l)	Fe (mg/l)	Mg (mg/l)	Mn (mg/l)	K (mg/l)	Na (mg/l)
MW-203VD	Nov-89	132	1.5	115		0.005	165	5	1.3		5.11				
MW-203VD	Feb-90	103	11.3	130		0.00025	166	28.4	0.54		0.348				
MW-203VD	Apr-90	130	1.5	108	209.5	0.00025	151	5	2.88	29	0.92	12	0.04	1	11
MW-203VD	Nov-90	136	3.9	110	180	0.005	146	10	3	28.4	0.364	11.1	0.026	0.867	11.3
MW-203VD	Feb-91	132	2	118	240	0.019	185	11.5	10	29.4	0.13	10.6	0.024	0.915	10.9
MW-203VD	May-91	130	0	116	180	0.005	157	6.25	1.5	27.4	0.184	10.7	0.026	1.02	10.9
MW-203VD	Aug-91	128	0.5	116	290	0.005	167	9	4.5	24.8	0.928	10.6	0.038	0.75	11.2
MW-203VD	Nov-91	130	3	106	272	0.005	156	11.4	0.5	25.8	2.2	11.3	0.051	1.39	9.55
MW-203VD	Feb-92	148	3	111	268	0.005	164	7.1	3	25.7	0.699	10.9	0.023	0.69	9.94
MW-203VD	May-92	128	0.5	109	259	0.005	124	14.2	0.5						
MW-203VD	Aug-92	128	2.5	98.7	241	0.005	164	15.2	0.5	23.7	1.08	9.6	0.029	1.41	9.14
MW-203VD	Dec-92	122	0.5	108	268	0.005	196	45.8	0.5	24.8	1.77	11.3	0.036	1.23	11.4
MW-203VD	Feb-93	132	0.5	78.7	284	0.005	180	8.6	10	18.5	1.08	7.9	0.041	1.06	10.5
MW-203VD	May-93	130	1.5	95.3	209	0.005	140	49.3	15	23.2	0.56	9.09	0.033	1.02	12.1
MW-203VD	Aug-93	130	0.5	114	239	0.005	156	52.4	0.5	20.3	0.869	15.3	0.067	0.44	15.8
MW-203VD	Dec-93	126	0.5	113	233	0.005	140	66.2	8	25.1	1.6	12.2	0.048	1.19	12.7
MW-203VD	Feb-94	132	0.5	142	270	0.005	136	38.2	0.5	27.2	1.86	18	0.035	1.11	11.2
MW-203VD	May-94	136	0.5	96.7	230	0.005	146	18.6	12	21.9	0.37	10.2	0.037	0.61	11.4
MW-203VD	Aug-94	124	0.5	74.6	260	0.005	148	14.6	0.5	12.9	0.24	10.3	0.011	0.92	9.09
MW-203VD	Nov-94	145	1	83.8	238	0.005	260	31.4	9	18.4	0.22	9.2	0.028	1.26	10.8
MW-203VD	March-95	129	0.5	102	242	0.035	160	11.7	14	23.2	0.66	10.6	0.01	1.08	11.2
MW-203VD	June-95	129	2	108	239	0.005	148	4.3	7	25	0.11	11	0.022	1	9.65
MW-203VD	Sept - 95	133	0.5	104	223	0.005	164	9.1	8	24.5	0.34	10.3	0.044	1	10.5
MW-203VD	Nov-95	136	0.5	99.2	235	0.005	168	24.5	18	22.9	1.04	10.2	0.056	1.32	13.5
MW-203VD	April-96	150	8.6	160	260	0.001	160	10	0.5	29	0.4	11	0.028	1.4	14
MW-203VD	June-96	160	0.5	220	265	0.001	160	6.5	0.5	23	0.13	9.3	0.023	0.93	10
MW-203VD	Sept-96	120	0.5	100	260	0.001	170	13	0.5	24	0.4	10	0.05	1.1	10
MW-203VD	Nov-96	130	0.5	110	241	0.001	150	2.5	0.5	26	0.36	10	0.024	0.5	9.9
MW-203VD	March-97	150	0.5	110	252	0.001	170	10	1	26	0.45	10	0.023	1	6.8
MW-203VD	June-97	150	0.5	120	236	0.001	140	6.9	0.5	28	0.8	11	0.032	1	8.4
MW-203VD	Sept-97	170	39	100	250	0.001	160	6.4	1.1	25	0.26	9.6	0.024	0.5	11
MW-203VD	Dec-97	150	1.9	110	272	0.001	150	28	0.5	27	0.25	10	0.033	0.5	10
MW-203VD	Mar-98	170	0.5	120	274	0.001	150	27	0.5	29	0.76	11	0.031	1	11
MW-203VD	June-98	350	0.25	120	273	0.001	180	5.8	0.5	28	1.4	12	0.052	1.1	11
MW-203VD	Sept-98	150	2.4	120	244	0.001	160	9.6	1.1	27	1.1	12	0.037	1.3	11
MW-203VD	Dec-98	140	1.6	98	242	0.001	120	8.6	0.5	26	1.1	8	0.037	0.5	8.3

TABLE 8 - DEEP UPGRADIENT GROUNDWATER - STATISTICAL ANALYSIS

Monitoring Well	Sample Date	ALK (mg/l)	Cl- (mg/l)	Hard (mg/l)	Cond (umhos/cm)	Phenols (mg/l)	TDS (mg/l)	SO4= (mg/l)	TOC (mg/l)	Ca (mg/l)	Fe (mg/l)	Mg (mg/l)	Mn (mg/l)	K (mg/l)	Na (mg/l)
MW-208VD	Mar-90	102	8	94.4		0.022	172	36.9	7.41		0.782		0.128		
MW-208VD	Apr-90	103	4.7	98.6	206.5	0.00025	158	25.1	2.48	32	2.4	7.6	0.17	1.3	16
MW-208VD	Nov-90	113	5.9	110	210	0.0025	182			31.9	0.989	7.16	0.114	0.962	12.3
MW-208VD	Feb-91	102	6	114	250	0.005	225	28.8	7.6	31.2	0.177	6.75	0.11	0.928	11.6
MW-208VD	May-91	102	3.2	112	190	0.005	180	27.4	1.5	31.5	1.61	7.48	0.155	1.18	11.9
MW-208VD	Aug-91	102	5.2	108	300	0.005	169	30	10	28.3	1.14	6.7	0.15	0.75	11.2
MW-208VD	Nov-91	110	6	98.3	278	0.005	160	29.2	0.5		3.72	10.4	0.487	1.78	13.1
MW-208VD	Feb-92	178	46.5		282	0.005			3	21.2		11.3	0.42		12.7
MW-208VD	May-92	100	4.5	98.9	265	0.005	132	28.6	0.5						
MW-208VD	Aug-92	100	7.5	90.3	256	0.005	172	32.8	0.5	25.9	1.13	6.22	0.132	1.24	7.71
MW-208VD	Dec-92	114	4	89	277	0.005	204	56	0.5	22.5	6.99	7.95	0.152	2.65	11.9
MW-208VD	Feb-93	110	4.5	76.4	294	0.005	200	42	8	20.2	3.71	6.32	0.207	1.61	10.5
MW-208VD	May-93	102	4	96.6	225	0.005	160	62.2	4	28.9	1.04	5.93	0.11	0.99	11.3
MW-208VD	Aug-93	104	4	88.5	234	0.005	164	50.5	0.5	19.3	7.57	9.8	0.198	1.81	13.1
MW-208VD	Dec-93	100	5	106	256	0.005	168	80.7	0.5	30.4	0.277	7.2	0.141	0.79	12.2
MW-208VD	Feb-94	102	0.5	95.6	270	0.005	148	44.3	0.5	27.4	0.287	6.6	0.124	0.67	10.3
MW-208VD	May-94	104	3	96	236	0.005	168	22.4	9	27.3	1.41	6.68	0.13	0.56	10.7
MW-208VD	Aug-94	100	4.5	104	264	0.005	164	31.1	1	27.3	4.64	8.7	0.23	2.16	9.45
MW-208VD	Nov-94	121	5	84.5	246	0.005	184	37.2	0.5	22.9	0.26	6.64	0.13	0.78	14.1
MW-208VD	March-95	114	5	100	252	0.005	176	33.7	6	27.6	1.37	7.6	0.17	1.36	11.8
MW-208VD	June-95	102	6	96	248	0.005	172	28.4	16	28.1	0.08	6.42	0.15	1.3	8.42
MW-208VD	Sept. - 95	101	7	104	235	0.005	196	23.4	0.5	27.8	3.47	8.5	0.24	1.67	10.5
MW-208VD	Nov-95	100	5	95.3	235	0.005	192	40.5	0.5	27.3	0.17	6.6	0.14	0.87	12.1
MW-208VD	April-96	210	9.5	150	260	0.001	180	55	8.5	37	1.2	7.5	0.18	1.3	12
MW-208VD	June-96	130	1.9	100	271	0.0026	170	23	1	30	0.7	6.6	0.14	0.82	9.9
MW-208VD	Sept-96	170	0.5	110	260	0.001	150	26	1.5	31	0.34	7	0.15	0.5	8.9
MW-208VD	Nov-96	110	3.7	93	257	0.001	200	30	0.5	26	0.38	6.6	0.14	0.5	8.6
MW-208VD	March-97	180	5.4	94	385	0.001	190	29	0.5	28	0.22	5.9	0.13	0.5	10
MW-208VD	June-97	140	5.3	110	263	0.001	180	22	0.5	33	0.57	6.9	0.13	0.81	8.9
MW-208VD	Sept-97	140	5.5	99	260	0.001	160	28	1.6	30	0.28	6.1	0.13	0.5	10
MW-208VD	Dec-97	120	4.6	100	299	0.001	160	38	0.5	31	0.44	6.1	0.15	0.5	10
MW-208VD	Mar-98	140	5.6	120	325	0.001	180	36	0.5	35	0.3	7	0.15	0.5	11
MW-208VD	June-98	110	5.8	110	261	0.001	160	26	1.4	32	0.31	6.7	0.14	0.5	10
MW-208VD	Sept-98	120	6	110	267	0.001	210	26	1.2	33	0.32	7.4	0.15	0.92	9.7
MW-208VD	Dec-98	110	7	110	296	0.001	150	23	0.5	34	1.1	5.7	0.15	0.5	8.4
Mean	= AVERAGE	131	9	104	267	0.004	178	25	3	27	1	8	0.12	1.06	17
Standard Deviation	= STDEVP	28	55	39	91	0.005	108	19	4	9	1	4	0.08	0.70	26
Count	= COUNT	114	114	113	110	114	113	112	112	105	110	106	110	105	106
Confidence Interval	= CONFIDENCE (99%)	7	13	9	22	0.001	26	5	1	2	0.4	1	0.02	0.18	7
Lower Limit	MEAN-CONFIDENCE	124	-4	94	245	0.003	152	21	2	24	0.8	7	0.10	0.88	11
Upper Limit	MEAN+CONFIDENCE	138	22	113	289	0.006	204	30	4	29	1.5	9	0.14	1.23	24

(1)The upper confidence level for the average is based on the mean plus the 99% confidence interval. The 99% confidence interval is calculated from the standard deviation.

TABLE 9 - DEEP GROUNDWATER DATA COMPARISON WITH UPPER CONFIDENCE INTERVAL

Parameter	Units	Upper Confidence Level for the Average ⁽¹⁾	MW 207D	MW 221D	MW 223D	MW 230D	MW 303 D	MW 304 D	MW 234D	MW 245D
Alkalinity	mg/l CaCO ₃	138	330	130	490	110	200	210	170	120
Chloride	mg/l	22	12	56	15	590	180	52	38	11
Hardness	mg/l CaCO ₃	113	430	190	600	450	180	340	360	150
Conductance, field	umhos/cm	289	231	385	186	1064	258	279	233	263
Total Phenols	mg/l	0.006	<0.010	<0.010	<0.010	0.036	<0.010	<0.010	<0.010	<0.010
TDS	mg/l	204	520	240	660	1300	660	580	530	160
Sulfate	mg/l	30	9.3	18	95	130	110	170	120	5.7
TOC	mg/l	4	3.7	<1.0	3.7	2	1.8	3.3	1.4	3.8
Calcium, total	ug/l	28973	130000	45000	170000	110000	44000	99000	110000	45000
Iron, total	ug/l	1492.3	2800	260	3600	1200	280	4500	710	27000
Magnesium, total	ug/l	9200	28000	19000	41000	41000	18000	24000	22000	10000
Manganese, total	ug/l	137.5	2300	40	1700	110	31	550	590	360
Potassium, total	ug/l	1231	<5000	<5000	<5000	6800	12000	7100	<5000	6900
Sodium, total	ug/l	23832	10000	15000	14000	280000	170000	37000	22000	<5000

Shading denotes value greater than upper confidence level for the average.

⁽¹⁾The upper confidence level for the average is based on the mean plus the 99% confidence interval. The 99% confidence interval is calculated from the standard deviation.

TABLE 10 - UPSTREAM/DOWNSTREAM SURFACE WATER QUALITY - STATISTICAL ANALYSIS RESULTS AND COMPARISON

Sample Location	Sample Date	ALK (mg/l)	NTU (mg/l)	Cl ₂ (mg/l)	Hard (mg/l)	NO ₃ - (mg/l)	Phenols (mg/l)	SO ₄ -- (mg/l)	TOC (mg/l)	Ca (mg/l)	Fe (mg/l)	Mg (mg/l)	Mn (mg/l)	K (mg/l)	Na (mg/l)
SW-3	Nov-91	126	0.13	46	191	0.4	0.005	60.2	0.5	51.8	2.7	13.1	0.167	2.75	21.3
SW-3	Feb-92	84	0.18	31.7	113	0.27	0.005	41.6	6	11.1	4.63	8.63	0.135	1.83	12.9
SW-3	May-92	122	0.06	50	114	0.88	0.005	12.6	0.5	16.70	0.59	10.30	0.08	1.06	15.0
SW-3	Aug-92	122	0.02	42	150	1.08	0.005	45.6	0.5	41.6	0.591	11.2	0.069	2.78	14
SW-3	Dec-92	122	0.2	31.5	117	0.01	0.005	64.4	0.5	32.1	0.345	9.05	0.050	1.69	17.2
SW-3	Feb-93	120	0.08	46.5	115	1.18	0.005	32.5	1.2	30.2	0.299	9.50	0.072	1.36	22.3
SW-3	Jun-93	134	0.01	39.0	156	1.2	0.005	74.4	5	42	0.841	12.4	0.075	1.9	21.2
SW-3	Sep-93	168	0.01	56.0	169	0.93	0.005	75.2	2.0	44.2	1.61	23.6	0.097	2.68	30.0
SW-3	Dec-93	60.0	0.01	25.0	114	1.6	0.005	46.0	13.0	30.2	0.909	9.3	0.080	1.64	12.1
SW-3	Mar-94	68.0	0.01	41.0	111	0.81	0.005	59.6	9.0	29.6	0.453	8.9	0.049	1.59	19.5
SW-3	Jun-94	140	0.01	39.0	161	0.70	0.005	25.3	0.5	42.4	0.36	13.4	0.066	1.29	20.1
SW-3	Aug-94	60	0.01	24.5	89.2	0.87	0.005	58.5	9	25.6	0.95	6.15	0.01	2.22	9.86
SW-3	Nov-94	71	0.16	30	82.4	0.92	0.013	43.3	10	20.5	1.02	7.6	0.13	2.82	13.5
SW-3	March-95	112	0.07	35	147	0.76	0.005	22.3	5	29	0.37	11	0.051	1.12	16
SW-3	June-95	121	0.11	45	166	1.17	0.005	29.9	2	40.8	0.55	15.5	0.11	2.06	20.6
SW-3	Sept-95	126	0.16	58	173	1.26	0.005	41	12	38.4	0.88	18.8	0.088	3.92	26.7
SW-3	Dec-95	96	0.06	34	120	1.12	0.005	46	0.5	29.8	0.36	11	0.061	1.64	20.7
SW-3	April-96	100	0.015	39	180	0.18	0.001	28	6.1	34	0.33	11	0.041	1.7	20
SW-3	June-96	130	0.015	35	170	0.71	0.001	38	6.8	41	1.1	13	0.12	2	22
SW-3	Sept-96	96	0.015	22	120	0.64	0.0053	29	11	34	1.1	9.4	0.08	1.8	15
SW-3	Nov-96	100	0.015	29	110	0.88	0.001	22	6.1	30	0.43	9.5	0.05	1.4	14
SW-3	March-97	92	0.015	40	82	0.71	0.001	24	4.9	24	0.41	5.3	0.09	1.1	12
SW-3	Sept-97	170	0.015	41	140	0.63	0.002	29	8.5	36	1.2	11	0.086	2	21
SW-3	Dec-97	200	0.015	29	86	0.23	0.002	47	11	25	0.27	5.6	0.049	1.5	17
SW-3	Mar-98	56	0.015	32	90	0.36	0.002	33	6.9	20	0.59	4.8	0.04	1.3	17
SW-3	June-98	53	0.015	14	65	1.1	0.001	12	9.5	18	3.2	4.9	0.12	2.4	8.3
SW-3	Sept-98	200	0.015	61	220	0.78	0.001	39	5	55	2	21	0.12	4.3	29
SW-3	Dec-98	150	0.015	76	190	0.91	0.001	26	5.5	51	1.2	14	0.11	0.5	23
SW-3	Dec-00	45.8	0.05	30.6	95.2	1.54	0.0666	34	8.9	27.9	0.921	6.2	0.113	2.25	14.9
SW-3	March-01	72.8	0.05	39.7	101	1.12	0.002	33	5	26.8	0.696	8.27	0.044	1.41	18.4
SW-3	June-01	171	0.05	40.3	100	0.479	0.002	20.1	20	29.2	1.53	6.63	0.163	1.75	19
SW-3	Sept-01	143	0.05	73.8	237	0.67	0.002	44.6	5.3	60	0.97	21.2	0.135	3.4	38
SW-3	Dec-01	92.3	0.05	63.8	200	0.95	0.032	75	4.2	51.4	0.878	17.3	0.122	3.11	32.1
SW-3	March-02	113	0.05	49.3	144	0.74	0.002	55.8	6.4	44	0.544	11.2	0.099	1.75	30.2
SW-3	June-02	155	0.189	78.5	232	1.34	0.002	66.6	5.6	61.5	1.34	19.1	0.148	4.32	36.6
SW-3	Dec-02	50.9	0.05	38.9	123	0.64	0.002	54	9	33.8	0.386	9.46	0.065	4.38	19
SW-3	Apr-04	96.4	0.05	48	118	0.5	0.002	17.4	6.4	31.9	1.19	9.2	0.118	2.11	22
SW-3	Sept-05	188	0.5	81	257	1.01	0.005	38.5	5.9	64	0.248	23.7	0.21	5.45	39.8
SW-13	Sept-05	91	0.015	43	120	0.58	0.001	23	5.2	31	0.59	10	0.06	1.5	17
SW-13	June-99	150	0.015	53	260	0.55	0.0036	26	5.8	67	8.2	21	1	3.2	37
SW-13	Sept-99	91	0.015	40	200	1.2	0.001	91	11	56	1.2	14	0.15	2.6	23
SW-13	Dec-99	120	0.092	35	190	3.1	0.001	97	10	57	1.3	12	0.2	3.1	16
SW-13	Apr-00	64.9	0.117	30.8	98.4	1.82	0.002	30	7	27.2	1.26	7.4	0.038	1.75	15.3
SW-13	June-00	116	0.05	76.1	140	0.753	0.002	20	10	37.3	0.86	11.4	0.098	1.65	19.4
SW-13	Sept-00	147	0.05	42.5	172	1.17	0.002	28	12	45.4	0.557	14.3	0.095	2.51	21.8
SW-13	Dec-00	52.6	0.05	30.2	96.7	1.67	0.002	36	9	38.1	1.09	6.44	0.111	2.18	14.9
SW-13	March-01	75	0.05	40.2	111	1.2	0.002	30	5	29.2	1.63	9.2	0.123	1.22	18.4
SW-13	June-01	93.7	0.05	43.1	127	1.03	0.0045	21.5	16	34.4	1.36	10.1	0.103	2.36	20
SW-13	Sept-01	175	0.05	71.3	235	0.678	0.002	50.5	5.5	59.4	1.05	21	0.134	3.43	37.6
SW-13	Dec-01	144	0.05	64.4	201	0.96	0.002	36	4.5	52.2	0.889	17.1	0.123	2.98	30.9
SW-13	Mar-02	72.7	0.05	77.5	142	0.729	0.002	55.7	6.1	40	0.561	10.2	0.09	1.6	27.1
SW-13	June-02	106	0.05	50.1	146	0.83	0.002	27.4	8	79.3	0.732	11.7	0.094	1.71	24.8
SW-13	Sept-02	139	0.05	76.5	224	1.38	0.002	66.7	5.7	62	0.793	19.2	0.138	4.18	37
SW-13	Dec-02	53.4	0.05	40.1	123	0.68	0.002	52.7	10	34.9	0.292	8.76	0.048	1.86	18.5
SW-13	Apr-04	102	0.05	49.3	122	0.53	0.002	18.3	6.1	32.9	0.991	9.7	0.092	2.02	22.3
SW-13	Sept-05	187	0.5	82	245	1.15	0.005	38.8	5.75	60.7	0.36	22.7	0.216	5.22	37.9
SW-13	Sept-06	89	0.5	23	140	0.35	0.01	48	18	43	1.3	9.4	0.39	5	16
Mean	= AVERAGE	112	0.08	46	149	0.90	0.004	40	7	39	1	12	0.118	2	22
Standard Deviation	= STDEV	41	0.11	17	49	0.47	0.003	18	4	12	1	5	0.127	1	8
Count	= COUNT	58	58	58	58	58	58	58	58	58	58	58	58	58	58
Confidence Interval	= CONFIDENCE (99%)	14	0.04	6	17	0.16	0.001	6	1	4	0.40	2	0.04	0.37	3
Lower Limit	MEAN-CONFIDENCE	98	0.04	40	132	0.74	0.002	34	6	35	0.70	10	0.075	1.97	19
Upper Limit	MEAN+CONFIDENCE	126	0.11	51	165	1.06	0.005	46	9	43	1.50	13.72	0.161	2.72	24
SW-5	Sept-06	120	<1.0	48	150	0.69	<0.010	23	8.9	39	0.82	14	0.093	<5	25
SW-8	Sept-06	120	<1.0	50	150	0.69	<0.010	22	7.9	39	1.5	14	0.11	<5	24

TABLE 11 - HISTORICAL ANALYTICAL DATA - WATER QUALITY PARAMETERS (EXISTING LANDFILL)

Monitoring Well	Sample Date	Temp (C)	ALK (mg/l)	COD (mg/l)	Cl- (mg/l)	Cond (umhoi/cm)	Hard (mg/l)	TOC (mg/l)	pH (S.U.)	pH (field) (S.U.)	Phenols (mg/l)	Eh (mV)	SO4= (mg/l)	Turb (NTU)	TDS (mg/l)	NH3 (mg/l)	NO2- (mg/l)	BOD5 (mg/l)	Color (units)	CN- (mg/l)	Cr+6 (mg/l)	TKN (mg/l)	Bromide (mg/l)
Standards and Guidance Values																							
PZ-01	Sep-87	12	170	1.5	18.2	590	370	2.9	7.6	<0.005	<0.005		165	185	441	0.18	0.37	2	<5		<0.01		0.35
PZ-01	May-88	18	190		17.4	504	240	2	7.25	0.025			154	37	477	0.12		11	<5			<2	
PZ-01	Aug-88	13.5	162		18	608	270	6.2	7.97	<0.005			176	25	214	0.43		42	<5			<0.7	
PZ-01	Nov-88	11	169		18.4	569	308	3.9	7.06	0.031			165	12	302	0.16		16	<5			0.57	
PZ-01	Feb-89	9	164		21	754	314	1.5	7.32		151.5		174	18	404	0.04	<10	6	<5		<0.01	0.2	
PZ-01-A	Feb-90	10.5	171	<10	22	650	329	3.67	7.78	<0.005	<0.005		209	295	474	0.15	0.1	2	10	<0.005	<0.01	0.27	
PZ-01-A	Apr-90	11.3	184		37.8	551	352	8.41	7.17				164	4.2	486	0.04		25	5			<0.5	
PZ-01-A	Nov-90	11	194	10	20.5	540	360	7.6	7.6	7.04			175	22	528	<0.1	<0.1	3.7	<5		0.009		
PZ-1A	Feb-91	11	184	<0.5	22.8	760	360	<3	7.5	7.8	<0.010		186	18	512	0.05	<0.04						
PZ-1A	Feb-91	11	176	6.4	19.1	550	352	<3.0	7.7	7.31	<0.010		192	11	521	0.1	0.21						
PZ-1A	May-91	13	178	3.7	21.9	830	340	<3.0	7.6	7.36	<0.010		148	50	603	0.07	0.06						
PZ-1A	Nov-91	12	176	4.5	19	771	316	4	7.42	7.58	<0.010		153	6.7	540	0.12	0.12						
PZ-1A	Feb-92	10	152	5.3	20.8	795	348	<1.0	7.42				177	27	504	0.23	0.31	1.6	<5	<0.010	<0.004	<0.5	
PZ-1A	May-92	12	186	<1.0	24	741	320	<1.0		7.2	<0.010		195	25	612	0.1	<0.02	2.6	15	0.016	<0.004	0.05	
PZ-1A	Aug-92	12	198	2	21.5	726	298	10	7.08	<0.010			196	40	592	<0.04	<0.02						
PZ-1A	Dec-92	11	192	<1.0	15.5	811	308	<1.0	7.21	<0.010			188	36.5	564	0.08	0.07						
PZ-1A	Feb-93	10	178	11.4	16.5	412	254	11	7.59	<0.010			207	41	532	0.05	0.12	0.4	<4	<0.004	<0.004	<0.5	
PZ-1A	May-93	11.5	184	<1.0	16.5	470	323	7	7.46				217	16	540	0.07	0.13						
PZ-1A	Aug-93	15	180	18.5	17	581	358	<1.0	7.19	<0.010			208	13	524	<0.02	0.03	<2.0				<0.5	0.87
PZ-1A	Dec-93	10.5	176	12.7	16	710	355	6	7.11	<0.010			220	49	548	<0.02	0.06	<2.0				<0.5	0.84
PZ-1A	Feb-94	10.5	188	<1.0	16	767	328	14	7.06	<0.010			216	58	460	<0.02	0.09	<2.0				<0.5	1.66
PZ-1A	May-94	12.5	180	<1.0	14.5	594	331	15	7.56	<0.010			216	21	473	0.05	0.04	<2.0				<0.5	3.05
PZ-1A	Aug-94	13	184	<5.0	16	720	445	5	7.14	<0.010			230	28	564	0.14	0.51	<2.0				<0.5	3.05
PZ-1A	Nov-94	11.5	190	<5.0	16	583	246	25	7.72	<0.010			209	5.4	552	0.1	0.08	<2.0				<0.5	<0.2
PZ-1A	March-95	10.5	182	<5.0	16	494	328	37	7.21	<0.010			224	21	512	0.3	0.14	<2				2.4	<2
PZ-1A	June-95	12.5	182	9.3	16	478	318	1	7.2	<0.010			179	24	540	0.3	0.09	<2				<0.5	<2
PZ-1A	Sept-95	12	181	16.7	17	420	333	24	7.41	<0.010			207	27	568	0.15	<0.05	<2				<0.5	<2
PZ-1A	Nov-95	9	180	20.4	16	435	288	<1	7.52	<0.010			197	28	540	<0.02	0.05	<2				0.33	3.1
PZ-1A	April-96	11.6	210	30	11	720	390	<1	7.9	<0.002			190	56	520	0.03	0.1	<4				0.91	<2
PZ-1A	June-96	12.7	170	1	10	700	330	1.6	7.7	<0.002			180	66	550	<0.03	0.063	<4				0.37	<2
PZ-1A	Nov-96	12	180	13	15	659	290	1.1	7.5	0.0047			195	58	560	<0.03	0.047	<4				0.22	<2
PZ-1A	March-97	9.8	170	6.4	15	718	310	1	7.5	<0.002			180	125	500	<0.03	0.086	<4				0.18	<2
PZ-1A	June-97	11.2	210	<2	16	681	350	1.8	7.59	0.004			190	<1	550	<0.03	0.08	<4				0.38	<2
PZ-1A	Sept-97	12.2	260	<1	16	690	330	1.2	7.9	<0.002			170	20	590	<0.03	0.2	10				0.53	<2
PZ-1A	Dec-97	11.2	190	14	14	774	310	1.2	7.95	<0.002			280	41	420	<0.03	0.19	<4				0.14	<2
PZ-1A	Mar-98	10.5	300	<1	15	750	330	1.3	8.37	<0.002			200	352	530	<0.03	0.13	<4				0.21	<2
PZ-1A	June-98	12.3	220	<3	14	757	330	1.2	7.85	<0.002			200	83	500	0.065	0.061	<4				0.6	<1
PZ-1A	Sept-98	Location Not Sampled																					
PZ-1A	Dec-98	11.4	210	5.9	23	714	530	1.3	7.6	<0.002			170	57	510	<0.03	0.15	9.5				0.73	<1
PZ-1A	Apr-99	11.4	190	9.5	18	774	370	<1	7.84	<0.002			195	93	540	<0.03	0.12	<4				0.74	<0.1
PZ-1A	June-99	11.5	190	36	17	770	450	1.3	7.3	<0.002			180	203	500	0.13	0.082	<4				0.72	<0.1
PZ-1A	Sept-99	13.9	200	3.9	18	776	460	1.4	7.45	<0.002			180	164	520	<0.03	0.021	4.4				0.32	0.19
PZ-1A	Dec-99	11	200	9.9	18	782	390	371	8.35	<0.002			180	155	520	0.021	0.021	<4				0.36	0.13
PZ-1A	Apr-00	9	205	12.5	18.8	750	371	<1	7.71	0.007			140	15	512	0.126	0.087	<3				<1	<1
PZ-1A	June-00	13.3	200	<10	18.4	590	356	<1	7.76	<0.004			160	3.89	501	<0.1	<0.05	<3				<1	<1
PZ-1A	Sept-00	12.1	199	<10	18.8	774	386	<1	7.81	<0.004			250	2.2	478	<0.1	<0.05	<3				1.41	<1
PZ-1A	Dec-00	10.1	203	<10	17.9	762	376	<1	7.58	<0.004			170	5.81	479	<0.1	<0.05	<3				1.67	<1
PZ-1A	Mar-01	11.5	204	U	19	779	374	1.1	7.62	<0.004			190	7.1	517	<0.1	0.055	<3				1.07	<1
PZ-1A	June-01	12.6	227	<10	20.1	780	370	<1	7.71	<0.004			21	215	527	<0.1	<0.1	<3				<1	<1
PZ-1A	Sept-01	11.7	267	<10	18.2	777	381	<1	7.83	<0.004			68	202	517	0.102	<0.1	<3				<1	<1
PZ-1A	Dec-01	10.8	195	<10	18.4	774	367	<1	7.48	<0.004			85	192	512	<0.1	<0.1	<3				1.38	<1
PZ-1A	Mar-02	10.8	198	<10	18.7	743	372	<1	7.69	<0.004			16	205	519	<0.1	<0.1	<3				<1	<1
PZ-1A	June-02	12.2	209	<10	18.8	745	371	<1	7.6	<0.004			49	191	519	<0.1	<0.1	<3				1.2	<1
PZ-1A	Sept-02	12.4	206	<10	19.7	753	380	<1	7.83	<0.004			-100.5	191	2.1	583	<0.1	<0.1	<3			<1	<1
PZ-1A	Dec-02	8	204	<10	19.3	756	373	<1	7.8	<0.004			4.5	192	5.8	489	<0.1	<0.1	<3			1.21	<1
PZ-1A	Apr-04	11.2	194	<10	21	736	367	<1	7.92	<0.004			183	4.4	513	0.102	<0.1	<3				<1	<1
PZ-1A	June-05	16.6	44.3	<10.0	<5.0	509	98	4.92	7.53	<0.010			106	21	50	1.4	10.9	<4.00				<1.00	<1.00
PZ-1A	Oct-06	14.1	180	<10	25	125	360	<1.0	7.5	<0.010			170	4.2	510	<1.0	<0.25	<4.0				<0.10	<1.0

TABLE 11 - HISTORICAL ANALYTICAL DATA - WATER QUALITY PARAMETERS (EXISTING LANDFILL)

Monitoring Well	Sample Date	Temp (C)	ALK (mg/l)	COD (mg/l)	Cl- (mg/l)	Cond (umhos/cm)	Hard (mg/l)	TOC (mg/l)	pH (S.U.)	pH (field) (S.U.)	Phenols (mg/l)	Eh (mV)	SO4= (mg/l)	Turb (NTU)	TDS (mg/l)	NH3 (mg/l)	NO3- (mg/l)	BOD5 (mg/l)	Color (units)	CN- (mg/l)	Cr+6 (mg/l)	TKN (mg/l)	Bromide (mg/l)
Standards and Guidance Values																							
PZ-04	Sept-87	13	380	5	9.98	1225	740	2.7	7.21	0.007	0.007	450	210	996	0.25	0.17	9	<5	<0.01	0.05	0.05	0.32	0.8
PZ-04	May-88	15	300		12.2	853	690	2.6	7.34	0.033	0.033	370	35	841	0.3		11	<5				0.37	0.5
PZ-04	Aug-88	13	351		7.8	1211	712	1.35	7.26	<0.005	<0.005	448	26	424	0.19		10	<5				0.5	0.5
PZ-04	Nov-88	9.5	347		10.4	1028	756	6.34	7.03	0.028	0.028	419	26	506	0.25		38	<5				0.57	0.58
PZ-04	Feb-89	9	337	16.7	9	1293	708	3.05	7.08	<0.005	<0.005	101	438	40	834	0.24	<1	18	<5	<0.01		0.54	0.5
PZ-04	Apr-89	13.5	259		10	929.5	614	2.96	7.36	<0.005	<0.005	13	432	18	426	0.1		10	<5			0.5	0.5
PZ-04	Jun-89	14	286		7.1	954.5	631	8.12	7.49	0.009	0.009	517	44	1120	0.1		39	15				0.5	0.5
PZ-04	Feb-90	10	327	10	8.5	832	729	1.62	6.98	<0.005	<0.005	11.15	440	151	982	0.18	<0.1	3	<5	<0.005	<0.01	0.65	<0.5
PZ-04	Feb-90	11.3	216		8.3	957	570	13	6.29	<0.005	<0.005	30	78.6	15	935	0.25	<0.1	69	10	<0.004	0.017	<0.5	<0.5
PZ-04	Nov-90	10	357	21	7.8	840	740	14	7.4	<0.005	<0.005	43.2	340	130	999	0.11	<0.04	4.4	<5				
PZ-04	Feb-91	13	336	<1.0	11.9	1100	730	15.5	7.2	7.46	<0.010	65.3	395	200	958	0.16	<0.04						
PZ-04	May-91	11	336	10.4	5.3	740	690	<3.0	7.3	6.9	<0.010	199.1	401	1200	518	0.21	0.08						
PZ-04	Aug-91	14	320	13	43.1	1385	640	4.7	7.2	6.98	<0.010	179.3	360	350	1014	0.18	<0.04						
PZ-04	Nov-91	12	340	5.6	7	1262	615	2	7.21	<0.010	<0.010	355	38	1136	0.24	0.04	0.6	<5	<0.010	<0.004	<0.5	<0.5	<0.5
PZ-04	Feb-92	11	336	4.9	8.9	1261	706	3	6.75	7.06	<0.010	212.3	355	63	908	0.27	0.72						
PZ-04	May-92	12	322	8.6	10	1146	629	<1.0		7.06	<0.010	235.4	354	81	980	0.12	<0.02						
PZ-04	Aug-92	12	322	16	11	1078	573	<1.0		6.83	<0.010	148.9	389	65	966	0.25	0.11						
PZ-04	Dec-92	10.5	346	3	7	1261	558	<1.0		6.65	<0.010	194.7	376	82	932	0.17	<0.02						
PZ-04	Feb-93	9.5	342	54	8.5	1016	569	38	7.07	7.22	<0.010	166.8	392	168	908	0.16	<0.02						
PZ-04	May-93	12.5	342	<1.0	7	565	585	2		7.01	<0.010	109.7	355	63	900	0.16	<0.02	0.2	<5	<0.004	<0.004	<0.5	<0.5
PZ-04	Aug-93	14.5	342	10.7	10	797	626	<1.0		7.01	<0.010	80	145	83	896	0.07	<0.02						
PZ-04	Dec-93	10.5	344	7.8	10	1051	642	6		6.94	<0.010	152.6	376	57	888	0.13	<0.05	<2.0				0.8	0.8
PZ-04	Jan-94	13.5	324	<1.0	8	843	598	<1		7.07	<0.010	161.6	330	63	776	0.09	<0.05	<2.0				<0.5	0.92
PZ-04	Aug-94	13.5	344	8.9	10.5	1082	638	4		6.93	<0.010	262.7	355	68	888	0.058	0.02	<2.0				<0.5	0.92
PZ-04	Nov-94	11.5	400	<5.0	12	809	502	15		6.79	<0.010	130.6	426	38	888	0.25	0.31	<2.0				1.84	1.84
PZ-04	March-95	10.5	343	5	12	595	607	17		7.26	<0.010	127.8	303	71	940	0.21	0.31	<2.0				<0.5	3.28
PZ-04	June-95	12.5	335	<5.0	13	584	580	<1		7.08	<0.010	130.6	386	27	896	0.74	0.26	<2				<0.5	<0.2
PZ-04	Sept-95	11.5	342	<5.0	11	506	591	6		7.1	<0.010	19.6	307	65	892	0.54	<0.05	<2				<0.5	0.5
PZ-04	Nov-95	9.5	340	<5.0	11	456	596	<1		7.1	<0.010	15.5	304	61	888	0.04	0.07	<2				<0.5	0.5
PZ-04	April-96	9.4	300	32	9.5	1230	810	3.6		7.36	<0.010	15.5	304	61	888	0.04	0.07	<2				<0.5	<0.2
PZ-04	June-96	12.3	320	280	<5	1120	390	<1		7.4	<0.002	190	330	>900	740	0.11	0.056	4				0.72	3
PZ-04	Sept-96	12.2	350	30	6	1200	610	3.7		7	<0.002	126	650	74	850	0.099	<0.02	<4				4.6	<2
PZ-04	Nov-96	10.7	360	<1	10	1180	450	1.4		7.43	<0.002	145	550	120	760	0.073	0.043	<4				0.82	<2
PZ-04	March-97	10.3	370	26	12	1200	610	<1		7.2	<0.002	125	480	643	780	0.076	<0.02	<4				0.59	<2
PZ-04	June-97	11.6	1100	15	12	1110	690	1		7.31	0.014	215	370	>999	870	0.089	<0.02	<4				0.55	<2
PZ-04	Sept-97	12.8	410	30	16	1100	630	1.2		7.4	<0.002	160	250	780	930	0.12	0.052	<4				0.58	<2
PZ-04	Dec-97	10.9	710	11	12	1170	590	1.5		7.69	<0.002	85	360	>999	860	0.71	<0.02	13				0.39	<2
PZ-04	June-98	13.1	440	19	15	1100	2600	1.7		7.32	<0.002	340	320	>999	770	0.085	<0.02	<4				3.4	3
PZ-04	Mar-98	13	370	3.4	13	1040	900	1.4		7.08	<0.002	150	270	444	790	0.09	<0.02	<4				0.35	<1
PZ-04	Sept-98	10.9	380	6.4	19	1030	900	1.2		7.4	<0.002	185	270	545	760	0.065	<0.02	<4				0.35	<1
PZ-04	Apr-99	11.9	340	35	13	1090	2000	1.5		7.05	<0.002	180	260	449	760	0.18	<0.02	<4				1.1	<0.1
PZ-04	June-99	12	350	6.6	12	1070	2000	1.3		7.27	<0.002	155	240	420	790	<0.03	<0.02	<4				0.45	<0.1
PZ-04	Sept-99	12.7	370	6	20	1110	690	1.3		8.87	<0.002	240	240	571	760	0.065	<0.02	<4				0.45	0.16
PZ-04	Dec-99	10.7	370	27	20	1160	660	1.2		7.46	0.005	-28	220	19	761	<0.1	0.191	<3				<1	<1
PZ-04	Apr-00	9.1	336	<10	16.6	1040	579	1		7.64	<0.004	-73	240	14.8	767	0.118	<0.05	<3				<1	<1
PZ-04	Jun-00	13.8	348	<10	21.6	850	618	1		7.31	0.0065	81	140	5.7	711	0.146	0.274	<3				<1	<1
PZ-04	Sept-00	12.7	374	<10	34.1	1145	647	1.4		6.56	<0.004	2	220	415	774	0.19	<0.05	<3				<1	<1
PZ-04	Dec-00	10.2	198	<10	20.8	1077	325	3.3		7.28	<0.004	29	2500	>1100	773	0.163	<0.1	<3				3.03	<1
PZ-04	Mar-01	11.8	396	U	32.2	1145	1010	1.5		7.24	<0.004	-29	230	89.6	772	0.157	<0.1	<3				1.18	<1
PZ-04	Jun-01	13.4	389	<10	35.1	1145	1000	1.1		7.41	<0.004	23	226	32.4	762	0.184	<0.1	<3				<1	<1
PZ-04	Sept-01	13.7	392	<10	34.1	1127	936	1.1		6.9	<0.004	16	232	306	780	0.199	<0.1	<3				<1	<1
PZ-04	Dec-01	11.5	393	<10	36.2	1113	850	1.1		7.3	<0.004	53	214	231	790	0.19	<0.1	<3				<1	<1
PZ-04	Mar-02	11.2	413	<10	36.2	1113	872	<1		7.06	<0.004	-29.2	219	290	855	0.162	<0.1	<3				<1	<1
PZ-04	June-02	13.2	393	<10	35	1123	661	<1		7.15	<0.004	5.9	216	450	868	0.177	<0.1	<3				<1	<1
PZ-04	Sept-02	13.7	394	<10	35	1123	661	<1		7.3	0.0054	5.9	216	450	868	0.177	<0.1	<3				<1	<1
PZ-04	Dec-02	10	397	<10	34.3	1365	729	<1		7.47	<0.004	217	207	284	787	0.152	<0.1	<3				<1	<1
PZ-04	Apr-04	12.4	397	19	34.9	1169	671	<1		7.6	<0.0100	129	6.18	47	280	<1.00	0.32	<4.00				<1.00	<1.00
PZ-04	June-05	17.4	249	17.5	<5.0	648	249	3.3		7.19	<0.010	560	190	788	760	<1.0	<0.25	<4.0				<1.0	<1.0
PZ-04	Oct-06	16.5	290	17	29	58	710	1.8		7.19	<0.010	560	190	788	760	<1.0	<0.25	<4.0				<1.0	<1.0

TABLE 11 - HISTORICAL ANALYTICAL DATA - WATER QUALITY PARAMETERS (EXISTING LANDFILL)

Monitoring Well	Sample Date	Temp (C)	ALK (mg/l)	COD (mg/l)	Cl- (mg/l)	Cond (umh/cm)	Hard (mg/l)	TOC (mg/l)	pH (S.U.)	pH (field) (S.U.)	Phenols (mg/l)	Eh (mV)	SO4= (mg/l)	Turb (NTU)	TDS (mg/l)	NH3 (mg/l)	NO3- (mg/l)	BOD5 (mg/l)	Color (units)	CN- (mg/l)	Cr+6 (mg/l)	TKN (mg/l)	Bromide (mg/l)
Class GA Groundwater Quality Standards and Guidance Values																							
PZ-11	Sep-87	12	390	5	14.1	900	550	18.5	7.11	0.008	0.008		220	15	652	0.1	<1	2	<5		<0.01		0.24
PZ-11	May-88	14	265		14.6	554	380	7.6	7.04	0.016			127	350	495	0.16		25	<5				0.5
PZ-11	Aug-88	13	335		17.7	782	422	<0.1	7.12	<0.005			156	340	262	0.2		66	<5				2.9
PZ-11	Nov-88	8	295		20.8	629	450	5.14	7.22	0.025			206	10	352	0.13	<1	27	<5		<0.01		0.71
PZ-11	Feb-89	9	258		25	545	453	5.15	6.85	0.005	-19		144	265	433	0.13		6	<5			1.54	0.4
PZ-11	Apr-89	133	200		19.8	513	358	9.92	7.5	0.006	-472.5		153	200	293	0.09		25	15			0.45	0.42
PZ-11	Jun-89	12	210		20	569	362	9.14	7.45	0.028			214	120	657	0.09		42	35				
PZ-11	Nov-89	13.5	264		19.8	552	435	7.25	7.34	0.014			142	58	543	0.12		21	<5				
PZ-11	Feb-90	19.8	249		20.7	715	411	15.1	7.32	<0.005	-21.65		181	98	507	0.18		15	10		<0.005	<0.01	0.67
PZ-11	Apr-90	12.05	226		15.9	562	360	4.15	7.02	<0.005	-23.6		151	52	517	0.06	<0.2	2.9	5		<0.004	<0.004	0.5
PZ-11	Nov-90	12	347		17.9	770	480	24	7.3	7.21	<0.010	9.8		173	19	645	<1.0	<0.04					
PZ-11	Feb-91	10	252		25.2	810	400	46	6.9	7.74	<0.010	142.3	165	180	486	0.22							
PZ-11	May-91	11	264		16.6	57	310	9.3	6.9	6.69	<0.010	200.2	103	815	464	0.14	0.28						
PZ-11	Aug-91	13	196		32.2	18.3	655	300	12.8	7.4	7.73	<0.010	96.3	134	570	0.43							
PZ-11	Nov-91	11	276		23.5	15	796	364	4	7.29	<0.010	126.6	85	160	436	0.23	0.06						
PZ-11	Feb-92	11	242		14.7	14.9	766	343	2	7.08	<0.010	100.5	137	52	428	0.21	<0.02	0.9	<5		<0.010	<0.004	<0.5
PZ-11	May-92	12	173		15	11	642	306	<1.0	7.13	<0.010	205.1	14.3	64	392	0.08	0.02						
PZ-11	Aug-92	12	312		5	13.5	430	316	<1.0	6.9	<0.010	263.2	114	32.5	620	0.23	0.02						
PZ-11	Dec-92	10	294		8.9	12.5	892	354	<1.0	7.14	<0.010	181		159	58	556	0.13						
PZ-11	Feb-93	10	232		16.7	19	702	247	24	7.25	<0.010	120.6	101	120	412	0.1	<0.02	0.2	<5		<0.004	<0.004	<0.5
PZ-11	May-93	11.5	256		<1.0	18	452	330	4	7.21	<0.010	175.7	94.4	30	528	0.11	<0.02						
PZ-11	Aug-93	14	340		22.4	18	653	463	<1.0	6.81	<0.010	158.6	167	25	660	0.06	<0.02						
PZ-11	Dec-93	9.5	328		15.7	19	809	461	8	7.08	<0.010	109.1	101	45	404	<0.02	<0.05	<2.0				<0.5	0.73
PZ-11	Mar-94	13	288		12.4	19	725	319	28	7.09	<0.010	109.1	101	45	404	<0.02	<0.05	2				<0.50	0.94
PZ-11	Aug-94	13.5	352		13.3	19	921	513	5	6.77	<0.010	83.2	152	15	520	0.14	0.02					<0.5	2.16
PZ-11	Nov-94	11	343		28.6	17	660	353	38	7.14	<0.010	132.9	162	7.2	600	0.56	0.67	<2				<0.5	3.42
PZ-11	March-95	10.5	295		10	15	512	436	7	7.09	<0.010	132.9	162	7.2	600	0.56	0.67	<2				0.73	<0.2
PZ-11	June-95	12	339		18.6	17	510	437	<1	7.01	<0.010	-2.5	148	14.8	644	0.47	0.06	<2				<0.5	<0.2
PZ-11	Sept-95	10.5	272		12.5	15	425	420	<1	7.11	<0.010	-28.3	167	20	628	0.18	<0.05	<2				<0.5	0.3
PZ-11	Nov-95	8.5	356		16.3	18	431	428	<1	7.29	<0.010	-30.5	165	17	632	<0.02	<0.05	<2				<0.5	3.6
PZ-11	April-96	10	280		21	14	758	560	3	7.5	<0.002	150	140	<1	700	<0.03	<0.02	<4				8.1	<2
PZ-11	June-96	11	230		11	1020	530	2.4	8.5	<0.002	148	560	65	760	0.047	<0.02	<4				<0.01	<0.01	<2
PZ-11	Sept-96	10.8	420		10	9	1100	500	1.9	7	<0.002	125	530	15	640	<0.03	0.048	8.5				0.53	<2
PZ-11	Nov-96	11.3	380		<1	15	1080	480	4.1	7.12	<0.002	115	130	41	660	<0.03	<0.02	<4				0.65	<2
PZ-11	March-97	9.9	430		15	15	1060	580	3.6	6.94	<0.002	115	130	<1	750	<0.03	<0.02	<4				0.76	<2
PZ-11	Sept-97	11.8	480		<1	16	900	480	3.4	7.2	<0.002	125	140	32	760	0.064	0.05	<4				0.64	<2
PZ-11	Dec-97	10.6	320		11	14	910	390	3.5	7.52	<0.002	115	170	56	590	0.073	<0.02	<4				0.4	<2
PZ-11	Mar-98	10.9	370		17	1000	500	2.7	7.67	<0.002	230	180	61	660	<0.03	<0.02	<4				<0.01	<0.01	0.48
PZ-11	June-98	13.1	550		13	1140	640	3.2	7.21	<0.002	-35	170	52	700	0.086	<0.02	<4				0.46	<1	
PZ-11	Sept-98	12.8	490		15	6.3	940	790	3.3	7.29	<0.002	-85	220	71	840	<0.03	<0.02	<4				0.29	<1
PZ-11	Dec-98	10.9	400		18	1070	580	5.2	8.09	<0.002	30	150	91	750	<0.03	<0.02	<4				1	<0.1	
PZ-11	Apr-99	11.6	450		15	960	600	3.1	7.65	<0.002	100	190	119	640	0.046	<0.02	<4				0.59	<0.1	
PZ-11	June-99	11.4	300		12	15	921	520	4	7.36	<0.002	165	140	921	650	<0.03	<0.02	<4				0.44	0.13
PZ-11	Sept-99	12.8	360		14	18	829	460	2.9	7.28	<0.002	165	140	921	650	<0.03	<0.02	<4				0.5	0.11
PZ-11	Dec-99	11.2	380		16.9	23.6	975	514	4.1	7.36	0.007	-78	150	9.6	686	0.164	0.203	<3				<1	<1
PZ-11	Apr-00	10	355		<10	23.7	860	619	3.3	7.31	<0.004	-84	220	10.77	795	0.106	<0.05	<3				<1	<1
PZ-11	Sept-00	11.4	367		16.9	975	514	4.1	7.36	0.007	-78	150	9.6	686	0.164	0.203	<3				<1	<1	
PZ-11	Dec-00	9.7	311		27.7	23.4	1038	547	3.5	7.34	<0.004	-17	190	9.9	839	0.109	0.051	<3				<1	<1
PZ-11	Mar-01	10.8	316		20.3	21.2	997	517	3.8	7.28	<0.004	50	240	12.6	653	0.114	0.326	<3				1.17	<1
PZ-11	Jun-01	12.8	366		10.6	27.5	1104	476	3.3	7.13	<0.004	167	289	18	778	<0.1	<0.1	<3				<1	<1
PZ-11	Sept-01	12.8	365		<10	24.1	1069	555	3	7.16	<0.004	-15	232	9.43	728	0.216	<0.1	<3				<1	<1
PZ-11	Dec-01	10.7	287		11.2	16.4	964	505	2.7	7.33	<0.004	28	147	14.4	667	0.106	<0.1	<3				<1	<1
PZ-11	Mar-02	12.9	184		<10	23.4	703	433	3.6	7.18	<0.004	6	148	17.6	518	<0.1	<0.1	<3				<1	<1
PZ-11	Jun-02	10.4	302		<10	29.6	602	303	4.3	7.61	<0.004	64	113	40.9	383	<0.1	<0.1	<3				<1	<1
PZ-11	Sept-02	13.4	189		<10	29.5	712	380	3.2	6.77	<0.004	137.3	139	45	562	0.217	<0.1	<3				<1	<1
PZ-11	Dec-02	9.6	182		13.1	39.4	684	344	56	7.42	0.018	1.9	137	12	551	<0.1	<0.1	<3				<1	<1
PZ-11	Apr-04	Sampling Location Dry	460		34.8	1179	369	4.1	7.26	<0.004	216	142	142	11.2	704	<0.10	0.14	4				<1	<1
PZ-11	Jun-05	16.3	410		26	17	44	590	4.3	6.82	<0.010	1054	110	421	660	<1.0	<0.25	<4.0				<1.0	<1.0

TABLE 11 - HISTORICAL ANALYTICAL DATA - WATER QUALITY PARAMETERS (EXISTING LANDFILL)

Monitoring Well	Sample Date	Temp (C)	ALK (mg/l)	COD (mg/l)	Cl- (mg/l)	Cond (umhos/cm)	Hard (mg/l)	TOC (mg/l)	pH (S.U.)	pH (field) (S.U.)	Phenols (mg/l)	Eh (mV)	SO4= (mg/l)	Turb (NTU)	TDS (mg/l)	NH3 (mg/l)	NO3- (mg/l)	BOD5 (mg/l)	Color (units)	CN- (mg/l)	C++6 (mg/l)	TKN (mg/l)	Bromide (mg/l)
Class GA Groundwater Quality Standards and Guidance Values																							
					250				6.5-8.5	6.0-8.0			250	300	500	10	10	7	<5	0.2	0.05		2
MW-3B	Nov-89	12.6	339	10	28.6	773.5	567	2.68	7.26	0.008	0.008	-24.2	199	105	677	0.11	<0.10	7	<5	<0.005	<0.01		
MW-3B	Feb-90		299		19		513	8.4					287	18.7	640	0.17		8	<5			25	
MW-3B	Apr-90	11.95	218		26.9	368	343	4.81	6.21	<0.005	<0.005	33.25	143	8	659	<0.04		5	10	0.004	0.004	0.25	
MW-3B	Nov-90		420	96	34.2	830	600	20	7.3	6.98	<0.005	81.2	158	60	735	0.11	<0.04	8.4				<0.5	
MW-3B	Feb-91	10	258	<1.0	17.9	950	400	6.6	7.3	7.48	<0.010	-11.8	125	25	524	0.09	<0.04						
MW-3B	May-91	12	222	5.1	13.8	640	326	<3.0	7.4	7.11	<0.010	133.9	135	63	488	0.11	0.58						
MW-3B	Aug-91	13	228	6.2	17.2	865	64	2.2	7.4	7	<0.010	273	122	38	542	0.07	<0.04						
MW-3B	Nov-91	13	244	5.6	16	906	331	4		7.25	<0.010	100.7	100	8.5	516	0.14	<0.04						
MW-3B	Feb-92	11	324	26.4	24.8	1120	439	4	6.64		<0.010	112.7	151	46	560	0.16	0.17	1	<5	<0.010	<0.004	<0.5	
MW-3B	May-92	13	250	14.4	22	1049	528	<1.0		7.02	<0.010	198.2	126	33	488	<0.04	<0.02						
MW-3B	Aug-92	12	330	15	36	844	328	<1.0		6.79	<0.010	181.4	141	10.6	688	<0.04	0.17						
MW-3B	Dec-92	9.5	308	4	23	1032	379	<1.0		6.75	<0.010	160	155	48.5	600	0.07	<0.02						
MW-3B	Feb-93	10	300	2.6	26.5	931	326	21	7.07	7.11	<0.010	146.8	164	35	564	0.04	<0.02						
MW-3B	Jun-93	12.5	256	<1.0	25	458	335	7		6.89	<0.010	105.8	136	8.9	520	0.1	<0.02	1.2	<5	0.006	<0.004	<0.5	
MW-3B	Aug-93	14.5	368	<1.0	43	759	280	<1.0		6.98	<0.010	137.8	158	16	700	0.08	<0.02						
MW-3B	Dec-93	10.5	352	2.9	40	902	446	10		7.03	<0.010	168.4	128	39	732	0.03	<0.05	<2.0				<0.5	0.94
MW-3B	34366	10.5	504	6.7	67	1270	576	61		7.07	<0.010	290.4	102	2.3	520	<0.02	0.15	<2.0	10	<0.004	0.007	<0.5	1.64
MW-3B	Jun-94	14	260	<1.0	26	621	510	<1		7.07	<0.010	136.1	163	19.4	752	0.12	0.16	<2.0				<0.5	3.6
MW-3B	Aug-94	13	368	13.3	43	1075	582	5		7.3	<0.010	123.4	119	8.2	568	0.16	0.07	<2.0				<0.5	<0.2
MW-3B	Nov-94	11.5	307	9.5	34	623	2300	16		7.06	<0.010	144.8	122	9.5	652	0.27	<0.05	<2				<0.5	0.8
MW-3B	March-95	10.5	299	10	42	531	405	36		7.22	<0.010	-31.7	122	5.9	580	0.28	<0.05	<2				<0.5	0.5
MW-3B	June-95	11.5	258	9.3	30	565	336	7		8.3	<0.002	135	53	72	260	<0.03	0.37	<4				0.28	3
MW-3B	Sept-95	11.5	278	12.5	34	521	379	6		7.7	<0.002	195	92	23	570	<0.03	<0.02	<4				0.24	<2
MW-3B	Nov-95	9	360	16.3	46	470	432	<1		7.4	<0.002	110	340	21	560	<0.03	0.036	<4				0.63	<2
MW-3B	April-96	9.9	170	26	19	490	280	1.5		7.2	<0.002	20	110	38	530	<0.03	<0.02	<4				0.29	<2
MW-3B	June-96	12.3	330	14	30	795	440	4.3		7.17	0.0028	215	98	<1	630	<0.03	0.033	<4				0.55	<2
MW-3B	Sept-96	11.2	420	<1	36	739	270	2.4		7.8	<0.002	40	120	40	570	0.11	<0.02	<4				0.27	<2
MW-3B	Nov-96	10.7	300	15	36	920	320	2.8		7.68	<0.002	200	130	45	690	<0.03	<0.02	<4				0.3	<2
MW-3B	March-97	10.5	330	15	43	970	360	2.5															
MW-3B	June-97	13	380	15	38	730	340	2.4															
MW-3B	Sept-97	12.8	280	1	38	730	340	2.4															
MW-3B	Dec-97	10.5	600	<1	49	960	360	2.7															
MW-3B	Mar-98	10.8	490	2.2	74	1290	450	3.5															
Sample Location Inaccessible																							
MW-3B	June-98	Location Not Sampled																					
MW-3B	Sept-98	Location Not Sampled																					
MW-3B	Dec-98	10.9	310	27	55	808	570	2.7		7.9	<0.002	140	51	63	520	<0.03	<0.02	9.1	<1			0.4	<1
MW-3B	Apr-99	11.9	330	12	68	980	440	3		7.84	<0.002	120	96	60	620	<0.03	<0.02	<4				0.88	0.55
MW-3B	June-99	Location Not Sampled																					
MW-3B	Sept-99	Location Not Sampled																					
MW-3B	Dec-99	11.2	400	13	77	1070	520	3.6		8.83	<0.002	255	85	60	560	<0.03	<0.02	<4	<1	<0.01	<0.03	0.81	0.55
MW-3B	Apr-00	10.4	383	<10	72	1075	346	4.2		7.3	0.008	-36	87	9.8	671	0.152	0.403	<3	15	<0.01	<0.01	<1	<1
MW-3B	Jun-00	14.1	536	<10	123	1050	599	5.1		7.23	0.011	-193	77	2.08	842	<0.1	<0.05	<3				2.09	<1
MW-3B	Sept-00	13.2	527	<10	121	1356	598	5.7		7.05	0.0042	-2	59	0.95	850	<0.1	<0.05	<3				3.14	<1
MW-3B	Dec-00	10	561	18.5	122	1387	612	4		7.07	<0.004	82	55	2.5	831	0.12	<0.05	<3				1.51	<1
MW-3B	Mar-01	13	555	U	127	1413	596	5.8		7.3	<0.004	-43	52	4	826	<0.1	<0.06	<3				<1	<1
MW-3B	Jun-01	13.9	541	14.9	40.7	1432	602	5.2		7.01	<0.004	-36	56.9	4.7	830	0.116	<0.1	<3	25	<0.01		1.68	<1
MW-3B	Sept-01	12.8	526	<10	119	1393	605	5.4		7.06	<0.004	-10	58	0.46	808	0.154	<0.1	<3				1.35	<1
MW-3B	Dec-01	11.6	569	15.1	126	1393	590	5.7		6.78	0.005	53	53	3.85	818	0.109	<0.1	<3				<1	1.27
MW-3B	Mar-02	11.3	683	22.2	122	1343	603	5.1		7.14	<0.004	-20	51.7	1.07	845	0.12	<0.1	<3				<1	<1
MW-3B	Jun-02	13.6	568	<10	125	1310	550	6.5		6.64	<0.004	44	47.5	2.6	814	0.13	<0.1	<3				<1	<1
MW-3B	Sept-02	13.1	560	<10	12.4	1388	573	4.6		7.04	<0.004	-127.5	48.5	1.5	888	0.109	<0.1	<3	15	<0.005	<0.01	<1	1.18
MW-3B	Dec-02	10	537	10.2	138	1526	586	5.6		6.87	<0.004	6.3	49.1	2.9	775	0.123	<0.1	<3				<1	<1
MW-3B	Apr-04	12.7	579	<10	113	1387	583	6.3		7.42	<0.001	196	38.7	2.8	866	0.174	<0.1	<3	<5	<0.005	<0.01	<1	<1
MW-3B	Jun-05	14.3	468	68	28	1559	1330	2.53		7.09	<0.010	163	<5.00	60	1540	<1.00	<0.200	<4.00	150	<0.0100	<0.010	<1.00	<1.00
MW-3B	Sept-06	15.6	540	19	200	183	610	6.6		9.38	<0.010	521	36	39	850	<1.0	<0.25	<4	150	<0.010	<0.010	<1.0	<1.0

TABLE 11 - HISTORICAL ANALYTICAL DATA - WATER QUALITY PARAMETERS (EXISTING LANDFILL)

Monitoring Well	Sample Date	Temp (C)	ALK (mg/l)	COD (mg/l)	Cl ⁻ (mg/l)	Cond (umhos/cm)	Hard (mg/l)	TOC (mg/l)	pH (S.U.)	pH (field) (S.U.)	Phenols (mg/l)	Eh (mV)	SO ₄ = (mg/l)	Turb (NTU)	TDS (mg/l)	NH ₃ (mg/l)	NO ₃ - (mg/l)	BOD ₅ (mg/l)	Color (units)	CN ⁻ (mg/l)	Cr+6 (mg/l)	TKN (mg/l)	Bromide (mg/l)
Class G ₁ Groundwater Quality Standards and Guidance Values																							
MW-207SA	Nov-90	12	832	320	36.2	930	730	17	6.7	6.9	<0.010	79.6	130	7500	830	0.25	<0.1	11	40	<0.004	0.055	6.3	
MW-207SA	Feb-91	11	722	46.2	22.8	1200	720	22	6.6	6.73	0.023	68.7	130	8800	896	0.12	<0.04						
MW-207SA	May-91	12	674	54.8	26.6	960	800	8	6.6	6.23	0.02	179.9	125.5	6000	908	0.08	0.09						
MW-207SA	Aug-91	12	764	61.4	41.7	1570	720	<30	6.6	6.4	<0.010	297	118	4800	1100	0.09	<0.04						
MW-207SA	Nov-91	12	744	40	16	1441	1038	32	6.35	6.35	<0.010	92.5	9.15	3520	792	<0.02	0.08						
MW-207SA	Feb-92	12	734	115	20	1285	573	11	6.62	6.68	<0.010	61.8	98.2	2900	860	0.1	0.82	3.4	<5	<0.010	<0.004	3.47	
MW-207SA	May-92	12	682	26	17	1201	652	<1.0		6.68	<0.010	39.8	14	2000	888	<0.04	0.19	2.8	15	0.016	<0.004	0.12	
MW-207SA	Aug-92	13	690	36.7	22.5	1108	1207	<1.0		6.46	<0.010	58.9	143	1180	908	<0.04	0.18						
MW-207SA	Dec-92	11	704	93.6	10	1325	590	<1.0		6.87	<0.010	50.3	157	1960	856	<0.02	<0.02						
MW-207SA	Feb-93	10	1090	94.5	10	1001	922	59	6.52	6.52	<0.010	65.1	146	4400	4372	0.09	<0.02	1.6	<5	<0.004	<0.004	<0.5	
MW-207SA	May-93	11.5	628	<1	10	600	653	6	6.56	6.56	<0.010	27.7	122	560	944	<0.02	<0.02						
MW-207SA	Aug-93	14.5	716	78.8	30	949	1072	<1.0		6.58	<0.010	112.3	182	4700	864	0.05	<0.02						
MW-207SA	Dec-93	11.5	932	110	20	1164	1060	28	6.8	6.54	<0.010	-1.6	146	2000	816	<0.02	<0.05	2.1				<0.5	0.93
MW-207SA	Mar-94	11	688	35.5	16	1304	839	104	6.8	6.8	<0.010	144	132	3300	772	<0.02	0.12	4.2	10	<0.004	<0.004	<0.5	2.36
MW-207SA	May-94	13	604	75.6	16	1303	700	2	6.49	6.49	<0.010	25.7	162	860	860	<0.02	0.21	3.6				<0.5	3.42
MW-207SA	Nov-94	11.5	840	14.3	16	862	590	25	6.56	6.56	<0.010	100.9	143	1880	876	<0.02	0.12	<2.0				<0.5	
MW-207SA	March-95	10.5	731	5	23	629	666	22	6.48	6.48	<0.010	68.5	129	630	872	0.09	0.09	<2				<0.5	
MW-207SA	June-95	10.5	751	14	22	604	855	5	6.56	6.56	<0.010	-72.6	120	680	920	0.68	0.11	<2				<0.5	
MW-207SA	Sept-95	11.5	790	45.8	10	498	834	4	6.57	6.57	<0.010	-75.3	130	1960	992	0.11	<0.05	<2				1.73	<0.2
MW-207SA	Nov-95	10	816	12.2	15	493	833	<1	5.8	5.8	<0.002	-86.7	124	1300	854	<0.02	0.07	5				<0.5	<0.2
MW-207SA	April-96	10.8	640	59	19	1510	840	1.7	6.2	6.2	<0.002	-20	100	>900	830	<0.03	<0.02	6.6				<0.5	<0.2
MW-207SA	Sept-96	11.7	1000	140	<20	1370	820	1.7	6.6	6.6	<0.002	33	130	>900	860	<0.03	0.029	6.1				8.8	<2
MW-207SA	Nov-96	11.2	610	130	19	1260	710	2.1	6.68	6.68	<0.002	-35	<20	200	740	<0.02	<0.02	<4				0.91	<2
MW-207SA	March-97	10.5	980	53	24	1430	920	2.6	6.2	6.2	<0.002	-10	86	>999	780	<0.03	<0.02	4.2				0.55	<2
MW-207SA	June-97	11.6	860	30	16	1360	1000	2.5	6.72	6.72	<0.002	125	74	>999	810	0.17	<0.02	7				0.66	<2
MW-207SA	Sept-97	12	850	120	15	1000	1000	2.8	6.8	6.8	<0.002	-5	58	1300	870	0.15	<0.02	9.0				0.99	<2
MW-207SA	Dec-97	10.9	730	40	16	1260	960	2.4	7.11	7.11	<0.002	-50	61	>999	680	0.21	<0.02	12				0.71	<2
MW-207SA	Mar-98	10.8	680	32	18	1190	990	2.4	7.45	7.45	<0.002	50	83	246	730	0.043	<0.02	<4				0.81	<2
MW-207SA	June-98	17.2	810	9.3	8.7	1210	870	2.7	6.82	6.82	<0.002	-95	55	296	660	0.077	<0.02	4.1				0.52	<1
MW-207SA	Sept-98	12	650	100	14	1140	1200	2.9	6.73	6.73	<0.002	0	58	>999	750	<0.03	<0.02	<4				0.56	<1
MW-207SA	Dec-98	11	730	59	22	1170	1300	2.9	6.84	6.84	<0.002	-35	46	>999	730	0.05	<0.02	5.4				0.24	<1
MW-207SA	Apr-99	11.6	600	45	14	1240	1100	2.3	7.38	7.38	<0.002	-10	51	>999	710	0.063	<0.02	<4				0.9	<0.1
MW-207SA	June-99	11.5	600	25	13	1180	1400	2.2	6.49	6.49	<0.002	-20	38	>999	670	0.045	<0.02	4.2				0.52	<0.1
MW-207SA	Sept-99	12.7	590	17	13	1150	1100	2.2	6.51	6.51	<0.002	-20	31	>999	680	<0.03	<0.02	4.4				0.32	0.16
MW-207SA	Dec-99	11.3	710	24	13	1170	1300	1.7	8.11	8.11	<0.002	40	31	>999	640	<0.03	<0.02	4.1				0.33	<0.1
MW-207SA	Apr-00	10.9	595	16.5	12.4	1100	790	2.4	6.84	6.84	<0.004	-78	41	4.3	660	0.192	<0.05	<3				2.61	<1
MW-207SA	June-00	13.9	588	<10	13.4	975	684	2	6.51	6.51	0.006	-66	42	12	683	0.168	<0.05	<3				<1	<1
MW-207SA	Sept-00	11.5	614	<10	13.5	1203	649	2.3	6.75	6.75	0.0045	-42	31	23	708	0.255	<0.05	<3				<1	<1
MW-207SA	Dec-00	9.3	617	<10	30.7	1139	589	<1	6.83	6.83	0.0045	21	33	19	675	0.1	<0.05	<3				7.53	<1
MW-207SA	Mar-01	11.1	608	<10	14.1	1121	597	2.3	7.13	7.13	<0.004	-53	29	8	625	0.127	<0.05	<3				1.23	<1
MW-207SA	June-01	12.9	604	<10	17.3	1181	603	1.9	6.67	6.67	<0.004	-85	38.9	85	696	<0.1	<0.1	<3				<1	<1
MW-207SA	Sept-01	12.2	586	<10	14.6	1191	660	1.8	6.78	6.78	<0.004	-61	39.7	135	690	0.152	<0.1	<3				<1	<1
MW-207SA	Dec-01	11.1	585	<10	14	1224	672	2	6.73	6.73	0.006	-68	40.2	55.8	701	0.123	<0.1	<3				<1	<1
MW-207SA	Mar-02	11.1	747	13.2	14.1	1164	623	1.4	6.73	6.73	<0.004	-39	31.8	77.1	673	0.11	<0.1	<3				<1	<1
MW-207SA	June-02	12	625	<10	15.5	1155	603	2	6.68	6.68	<0.004	-36	30.8	3.7	690	0.111	<0.1	<3				1.02	<1
MW-207SA	Sept-02	12.5	622	<10	18.4	1205	619	2	7.12	7.12	<0.004	5.8	39	8.8	729	<0.1	<0.1	<3				<1	<1
MW-207SA	Dec-02	10.4	608	<10	15.3	1074	592	1.3	6.79	6.79	<0.004	-18	22.8	23	689	0.103	<0.1	<3				<1	<1
MW-207SA	Apr-04	11.5	572	<10	18.02	1152	566	<1	7.15	7.15	<0.004	52	20.5	13.5	636	0.211	<0.1	<3				<1	<1
MW-207SA	June-05	16	541	97.6	16	726	558	3.12	7.9	7.9	<0.0100	93	24.9	30	630	<1.00	0.39	<4.00				<1.00	<1.00
MW-207SA	Sept-06	16.1	580	15	15	229	500	3.6	7.21	7.21	<0.010	592	9.3	26	550	1.2	<0.25	6.3				0.49	<1.0

TABLE 11 - HISTORICAL ANALYTICAL DATA - WATER QUALITY PARAMETERS (EXISTING LANDFILL)

Monitoring Well	Sample Date	Temp (C)	ALK (mg/l)	COD (mg/l)	Cl ⁻ (mg/l)	Cond (umhos/cm)	Hard (mg/l)	TOC (mg/l)	pH (S.U.)	pH (field) (S.U.)	Phenols (mg/l)	Eh (mV)	SO ₄ = (mg/l)	Turb (NTU)	TDS (mg/l)	NH ₃ (mg/l)	NO ₃ - (mg/l)	BOD ₅ (mg/l)	Color (units)	CN ⁻ (mg/l)	Cr+6 (mg/l)	TKN (mg/l)	Bromide (mg/l)
Class GA Groundwater Quality Standards and Guidance Values																							
											6.4-8.5		250	250	500	2	10			0.2	0.05		2
MW-207D	Sep-87	12.5	210	24.7	14.1	510	320	2.8	7.12		0.029		100	25	384	0.29	<0.10	20	<5.0	<0.01	<0.01	0.29	
MW-207D	May-88	12.5	340		20.1	816	280	2.6	7.56		0.023		136	6	594	0.07		<1.0	<5.0			0.29	
MW-207D	Aug-88	13	296		22.4	767	310	15.5	7.6		0.007		147	150	289	0.09		11	5			0.34	
MW-207D	Nov-88	13	318		19	835	264	19.7	7.76		0.008		123	20	371	0.5	<1.0	30	<5.0			0.56	
MW-207D	Feb-89	10	307	12.1	18.5	910	428	4.75	8.06		<0.005	-185.5	153	41	551	0.07		12	<5.0	0.04		0.32	
MW-207D	Apr-89	9.5	288		7	713	413	4.11	7.32		0.002	-220	139	17	343	0.13		11	10			0.37	
MW-207D	Jun-89	15	250		16.5	662	369	8.71	7.58		0.007	-1192.5	245	16	773	0.11		15	10			0.31	
MW-207D	Nov-89	17	283		16.9	633	385	32.8	8.06		0.008		159	27	444	0.08		10	444			0.37	
MW-207D	Feb-90	10.5	307	<10	14.6	810	459	2.36	8.14		0.011		167	549	555	0.05	<0.1	10	5	<0.005	<0.01	0.24	
MW-207D	Apr-90	9.15	290		15.8	704.5	400	8.33	6.91		<0.005	4.75	162	12	624	0.04		18	10	<0.004	0.042	<0.5	
MW-207D	Nov-90	10	311	<1.0	14.7	580	445	11	7.4	7	<0.010	89.3	156	165	591	0.21	<0.1	4.5	25				
MW-207D	Feb-91	11	320	1.6	16.4	800	470	<3.0	7.2	7.1	0.019	73.3	172	150	618	0.09	<0.04						
MW-207D	May-91	11	288	<1.0	11.7	680	480	<3	7.2	6.75	<0.010	150.8	152	74	612	0.04	0.16						
MW-207D	Aug-91	14	272	7.9	11.4	940	450	<3.0	7.3	6.99	<0.010	281.5	153	70	702	0.05	0.04						
MW-207D	Nov-91	13	298	5.8	10	875	397	<1			<0.010	125.1	158	40	581	0.03	0.06	<0.5	<5			0.5	
MW-207D	Feb-92	11	350	4.6	13.9	871	416	4	7.17		<0.010	90.2	156	38	592	0.06	<0.02					0.5	
MW-207D	May-92	12	314	<1.0	15	846	430	<1.0		7.03	<0.010	108.5	14.9	45	612	<0.04	0.06					0.6	
MW-207D	Aug-92	12	326	29	13	796	538	<1.0		6.85	<0.010	102.6	162	14.8	680	<0.04	0.08						
MW-207D	Dec-92	10.5	352	<1.0	10	949	396	<1.0		7.04	<0.010	78.7	174	83	452	<0.02	<0.02						
MW-207D	Feb-93	10	392	16.7	11.5	856	423	24		7.01	<0.010	75.4	163	500	632	<0.02	<0.02	<0.5	<5	<0.004	<0.004	0.54	
MW-207D	May-93	12	368	<1.0	12	506	277	7	7.16		<0.010	109.3	133	98	632	<0.02	<0.02						
MW-207D	Aug-93	13	388	<1.0	14	709	487	<1.0		6.98	<0.010	125.4	161	128	692	<0.02	<0.02	<2.0	<2.0			<0.5	0.94
MW-207D	Dec-93	11	376	6.9	15	824	481	16		6.69	<0.010	-17.4	145	59	638	<0.02	0.05					<0.5	2.04
MW-207D	Mar-94	10.5	392	1	15	990	466	60		6.93	<0.010	49	151	105	612	<0.02	<0.05					<0.5	3.42
MW-207D	May-94	12	410	16.1	15	750	530	40		6.92	<0.010	25.8	160	37	720	0.05	0.27					<0.5	<0.5
MW-207D	Nov-94	11	408	<5.0	17	725	436	8		6.79	<0.010	79.2	146	21	752	0.02	0.35	<2.0	<2.0			<0.5	<0.5
MW-207D	March-95	11.5	436	20	19	563	529	15		6.73	<0.010	53.6	146	54	712	0.71	0.2	<2	<2			<0.5	<0.5
MW-207D	June-95	11.5	451	9.3	20	548	515	6		6.69	<0.010	-53.3	148	32.5	768	0.11	<0.05	<2	<2			<0.5	<0.5
MW-207D	Sept. - 95	11.5	486	16.7	19	465	557	21		6.64	<0.010	-74.8	130	55	776	<0.02	<0.05	<2	<2			<0.5	<0.5
MW-207D	Nov-95	10	488	<5.0	18	456	538	<1		6.6	0.003	40	83	33	390	<0.03	0.18	12	50	<0.01	<0.01	1.5	3.1
MW-207D	April-96	11.3	250	23	3.8	1210	360	6.4		7	<0.002	98	130	86	740	<0.03	<0.02	<4	<4			0.4	<2
MW-207D	June-96	11.3	500	16	13	1130	620	1.1		6.9	<0.002	60	280	7.8	770	<0.03	<0.02	<4	<4			0.4	<2
MW-207D	Sept-96	11.6	860	2.8	10	1300	450	2.2		7.1	<0.002	115	90	178	550	<0.03	0.61	<4	<4			0.69	<2
MW-207D	Nov-96	11	530	20	17	1070	450	4.1		6.5	<0.002	163	66	123	580	0.053	0.45	<4	<4			0.33	<2
MW-207D	March-97	9.6	420	13	4.5	1000	390	4.8		7.2	<0.002	75	96	168	660	0.082	0.026	<4	<4			0.3	<2
MW-207D	June-97	11.9	600	84	6.8	769	450	5		7.28	<0.002	205	77	738	710	0.062	0.3	<4	<4			0.8	<2
MW-207D	Sept-97	12	440	15	8.2	810	480	5		7.06	<0.002	-20	57	105	480	0.062	0.3	<4	<4			0.41	<1
MW-207D	Dec-97	11	750	9.2	17	1100	530	3.1		6.74	<0.002	5	84	404	750	<0.03	0.034	<4	<4			0.34	<1
MW-207D	Mar-98	10.8	630	17	15	1090	630	2.5		7.86	<0.002	-30	100	185	680	<0.03	<0.02	<4	<4			0.22	<1
MW-207D	June-98	16	450	3.4	4.9	754	500	2.2		7.69	<0.002	105	95	251	690	<0.03	<0.02	<4	<4			0.42	<0.1
MW-207D	Sept-98	12.7	530	11	16	1050	590	1.9		7.86	<0.002	60	97	285	670	<0.03	0.17	<4	<4			0.53	<0.1
MW-207D	Dec-99	11.4	490	12	18	1060	630	1.8		8.31	<0.002	55	110	360	680	<0.03	0.067	<4	<4			0.31	0.13
MW-207D	Apr-00	10.4	294	19.6	57.1	890	452	6.5		7.49	<0.004	-81	80	30	597	0.16	0.446	<3	<3			<1	<1
MW-207D	Jun-00	13.3	577	<10	13.4	800	577	1.6		7.59	<0.004	-112	58	476	681	<0.1	0.059	<3	<3			<1	<1
MW-207D	Sept-00	11.3	545	<10	15.6	1095	621	1.7		7.15	<0.004	-2	86	40	686	<0.1	0.058	<3	<3			<1	<1
MW-207D	Dec-00	9.1	585	<10	13.9	1106	611	1.8		7.07	<0.004	26	78	32	679	<0.1	<0.05	<3	<3			<1	<1
MW-207D	Mar-01	10.8	560	<10	13.7	1093	614	2.2		7.13	<0.004	-48	77	4	688	<0.1	<0.05	<3	<3			<1	<1
MW-207D	Jun-01	12.4	556	<10	15.5	1125	594	2.3		6.99	<0.004	-70	79	5.7	625	<0.1	<0.05	<3	<3			1.38	<1
MW-207D	Sept-01	13.2	521	<10	14.2	1109	606	2		7.15	<0.004	-58	76.8	3.25	682	<0.1	<0.1	<3	<3			2.02	<1
MW-207D	Dec-01	11	525	45.1	16.9	1091	601	1.6		7.33	<0.004	-88	84.3	4.18	662	<0.1	<0.1	<3	<3			<1	<1
MW-207D	Mar-02	10.6	593	<10	14.7	1005	568	<1		7.05	<0.004	-47	83.9	10.55	639	<0.1	<0.1	<3	<3			<1	<1
MW-207D	Jun-02	11.9	514	<10	15.2	1014	528	2.6		6.9	<0.004	-44	83.3	2.3	611	<0.1	<0.1	<3	<3			<1	<1
MW-207D	Sept-02	11.6	508	<10	16.2	1001	533	1.2		7.17	<0.004	-272	93.9	1.4	668	<0.1	<0.1	<3	<3			<1	<1
MW-207D	Dec-02	9.9	483	<10	16.7	971	533	1.4		7.07	<0.004	-8	94.5	6.3	654	<0.1	<0.1	<3	<3			<1	<1
MW-207D	Apr-04	11.7	284	<10	13.4	935	347	2.4		7.57	<0.004	80	110	7.5	563	<0.100	1.19	<4.00	<0.010	<0.010	<0.010	<1.00	<1.00
MW-207D	Jun-05		330	12	12	231	430	3.7		7.6	<0.010	526	87	180	520	<1.0	<0.25	<4.00	<0.010	<0.010	<0.010	<1.00	<1.00
MW-207D	Sept-06	13.2																					

TABLE 11 - HISTORICAL ANALYTICAL DATA - WATER QUALITY PARAMETERS (EXISTING LANDFILL)

Monitoring Well	Sample Date	Temp (C)	ALK (mg/l)	COD (mg/l)	Cl- (mg/l)	Cond (umhos/cm)	Hard (mg/l)	TOC (mg/l)	pH (S.U.)	pH (field) (S.U.)	Phenols (mg/l)	Eh (mV)	SO4= (mg/l)	Turb (NTU)	TDS (mg/l)	NH3 (mg/l)	NO3- (mg/l)	BOD5 (mg/l)	Color (units)	CN- (mg/l)	Cr+6 (mg/l)	TKN (mg/l)	Bromide (mg/l)
					250				6.5-8.5	6.5-8.5	0.001			250	500	2	10			0.2	0.05		2
MW-220	May-88	12	460		18.8	1655	370	4.8	6.88		0.006		617	300	1390	0.09		14	<5.0			0.2	
MW-220	Aug-88	13	218		32.8	1383	852	<0.1	6.76		<0.005		518	200	483	0.14		5	<5.0			0.34	
MW-220	Nov-88	11	396		30.3	1333	868	3.8	6.99		0.026		600	18	682	0.12		42	5			0.73	
MW-220	Feb-89	9.3	428	45.5	24	1741	1300	3.6	7.46		0.028	66	741	170	1440	0.12	<0.10				0.06		
MW-220	Apr-89	13	378		32.5	1133	892	2.49	6.97		<0.005	-1	514	260	489	0.08		8	25			2.02	
MW-220	Jun-89	13.75	459		26.8	1447	1210	9.76	7.08		0.006		841	550	1720	0.05		48	480			1.53	
MW-220	Feb-90	11.7	383	29.7	41.6	1118	912	3.86	7.15		<0.005	-10.4	503	298	1170	0.07	0.1		5	10	<0.005	<0.01	
MW-220	Apr-90	11.6	455		39.7	1951	310	3.07	6.78		<0.005	12.65	515	175	1290	0.04		6	25			0.82	
MW-220	Nov-90	12	485	14	37.2	1700	880	25	7.1	6.92	<0.005	144.7	3.3	180	1230	<0.1	<0.04	1.7		0.008	0.004	<0.5	
MW-220	Feb-91	12	474	<1.0	50.6	1300	850	10.5	6.9	7.06	<0.010	24.6	420	290	554	0.07	<0.04						
MW-220	May-91	12	448	17.6	43.6	1200	810	10.5	7.1	6.54	<0.010	132	369	445	1192	0.06	0.18						
MW-220	Aug-91	13	444	10.4	54.2	1555	700	<30	7	6.9	<0.010	234.6	290	460	1086	0.06	<0.04						
MW-220	Nov-91	14	460	25	37	1393	700	7	7.03		<0.010	204.8	243	150	1076	0.1	<0.04						
MW-220	Feb-92	10	508	21.1	33.7	1460	839	8			<0.010	205.1	307	170	1060	0.11	0.03	<0.5		<0.010	<0.004	<0.5	
MW-220	May-92	13	506	6	15	1403	810	<1.0		6.38	<0.010	147.3	32.4	250	1176	<0.04	0.11	1.95	10	<0.010	<0.004	0.13	
MW-220	Aug-92	13	444	22.4	39.5	1221	673	27		6.47	<0.010	132.2	331	114	1188	<0.04	0.2						
MW-220	Dec-92	12.5	712	3	54	1367	610	<1.0		6.77	<0.010	109.5	280	1120	880	0.03	<0.02						
MW-220	Feb-93	10.5	612	23.8	25.5	1202	697	45		6.93	<0.010	19.7	388	1000	1112	<0.02	<0.02	0.8	<5	<0.004	<0.004	<0.5	
MW-220	Jun-93	11.5	498	5.1	23	311	788	1	6.94		<0.010	179.8	479	180	1136	0.07	<0.02						
MW-220	Aug-93	12.5	460	<1.0	24	847	784	<1.0		6.63	<0.010	42.9	112	180	1108	<0.02	<0.02						
MW-220	Dec-93	12	432	8.3	21	1183	699	12		6.87	<0.010	127.2	338	118	1060	<0.02	0.06	<2.0				<0.5	0.83
MW-220	Feb-94	12	404	<1.0	25	1197	694	68		7.02	<0.010	231.1	310	75	808	<0.02	0.03	<2.0				<0.50	1.18
MW-220	Jun-94	13	512	8.6	17	1096	890	3		6.71	<0.010	71.5	450	260	1268	0.04	0.13	<2.0				0.81	3.75
MW-220	Aug-94	11.5	408	<5.0	18.5	1192	676	4		6.78	<0.010	57.9	354	11.5	948	0.04	0.13	<2				<0.5	<0.2
MW-220	Nov-94	12	521	14.3	21	883	580	18		6.84	<0.010	60.1	499	200	1204	0.13	<2					<0.5	0.4
MW-220	March-95	10.5	537	18.6	26	624	607	8		6.9	<0.010	-0.6	319	190	1200	0.66	<0.05	<2				<0.5	<0.2
MW-220	June - 95	11.5	553	18.6	34	525	680	<1		7.03	<0.010	-41.5	290	200	1224	0.22	<0.05	<2				<0.5	0.4
MW-220	Nov-95	12.5	512	25	34	525	680	<1		7.06	<0.010	-22.3	614	280	1224	0.66	<0.05	<2				<0.5	0.4
MW-220	April-96	11.5	500	75	26	1800	1100	16		6.8	<0.002	175	560	703	1600	0.17	<0.02	<4				<0.5	0.93
MW-220	June-96	11.7	450	37	16	1680	960	1.1		7.1	0.049	5.65	650	550	1300	<0.03	<0.02	<4				1	
MW-220	Sept-96	12	430	18	12	1500	770	6.5		6.9	<0.002	140	490	710	1200	<0.03	<0.02	<4				0.33	<2
MW-220	Nov-96	11.9	480	60	17	1750	800	1.6		6.84	<0.002	125	1000	250	1700	<0.03	<0.02	<4				0.52	<2
MW-220	March-97	10.6	550	57	27	1590	690	2.4		7	<0.002	155	400	>999	1000	<0.03	<0.02	<4				0.49	<2
MW-220	June-97	11.9	560	40	30	1320	890	2.4		6.89	<0.002	180	430	452	1000	0.089	<0.02	<4				0.65	<2
MW-220	Sept-97	13.2	560	9.1	27	1300	810	3.2		7	0.0041	180	300	850	1000	0.048	<0.02	<4				0.42	<2
MW-220	Dec-97	11.5	520	<1	23	1360	810	3.2		7.23	<0.002	160	330	>999	1100	0.074	<0.02	<4				0.39	<2
MW-220	Mar-98	10.7	420	8.6	17	1460	860	2.5		7.41	<0.002	280	510	>999	1100	0.073	<0.02	<4				0.77	<2
MW-220	June-98	12.5	570	<3	10	1590	1100	2.2		7.3	<0.002	30	640	625	1400	<0.03	<0.02	<4				0.65	<1
MW-220	Sept-98	13.6	540	18	23	1200	1300	3.5		6.34	<0.002	60	230	>999	860	0.061	<0.02	<4				<0.04	<1
MW-220	Dec-98	12	610	18	18	1210	1500	3.3		6.65	<0.002	95	270	>999	860	0.062	<0.02	<4				0.98	<1
MW-220	Apr-99	11.2	470	18	24	1560	1200	2.5		6.86	<0.002	140	460	627	1200	<0.03	<0.02	<4				1.1	<0.1
MW-220	June-99	11.8	460	15	18	1420	1000	2.5		6.44	<0.002	275	330	298	1000	<0.03	<0.02	<4				0.62	<0.1
MW-220	Sept-99	13.8	510	15	18	2060	1500	2.3		6.51	<0.002	245	820	537	1700	<0.03	<0.02	<4				0.27	<0.1
MW-220	Dec-99	12	150	33	19	1520	910	2.3		7.9	<0.002	280	410	>999	1100	<0.03	<0.02	<4				0.77	0.11
MW-220	Apr-00	10.3	537	12.8	19	1500	806	2.1		7.02	<0.004	-29	190	6	1130	0.165	<0.05	<3				<1	<1
MW-220	June-00	13.4	481	<10	12.5	1600	1360	1.3		7.24	<0.004	-87	700	10.7	1890	<0.1	<0.05	<3				<1	<1
MW-220	Sept-00	12.4	454	<10	13.3	1303	803	2.3		7.17	<0.004	4	370	12	928	<0.1	<0.05	<3				<1	<1
MW-220	Dec-00	9.8	492	<10	13.6	1635	924	1.6		7.08	<0.004	82	600	33	1250	<0.1	0.054	<3				<1	<1
MW-220	Mar-01	10.8	537	<10	20.4	1317	655	3.2		7.13	<0.004	27	240	8.7	871	<0.1	0.085	<3				1.38	<1
MW-220	June-01	13	456	<10	18	1198	662	2.4		7.09	<0.004	32	225	6.4	799	<0.1	<0.1	<3				<1	<1
MW-220	Sept-01	13.7	448	<10	17.9	1196	690	2.3		7.13	<0.004	32	225	9.56	760	<0.1	<0.1	<3				<1	<1
MW-220	Dec-01	11.7	454	<10	18.6	1222	715	2.2		7.09	<0.004	32	245	36	858	<0.1	<0.1	<3				<1	<1
MW-220	Mar-02	9.8	584	<10	19.8	1059	752	1.9		6.9	<0.004	33	274	12	881	<0.1	<0.1	<3				<1	<1
MW-220	June-02	13.1	549	<10	22.9	1556	868	2.6		7.07	<0.004	16	381	7.6	1150	<0.1	<0.1	<3				<1	<1
MW-220	Sept-02	13.8	453	<10	18.4	1263	733	2.1		7.01	0.009	157.7	310	23.6	946	<0.1	<0.1	<3				<1	<1
MW-220	Dec-02	10.7	533	<10	18.6	1784	1210	<1		6.92	<0.004	21	985	130	1850	<0.1	<0.1	<3				<1	<1
MW-220	Apr-04	11.1	477	<10	19	1162	626	2.7		7.83	<0.004	133	181	75	816	<0.1	<0.1	<3				<1	<1
MW-220	June-05	14.1	467	17.5	17	909	693	4.17		7.22	0.041	164	124	39	954	<0.1	<0.200	<4.00				<1.00	<1.00
MW-220	Sept-06	16.8	460	10	17	281	820	3		8.61	<0.010	770	310	5.5	1100	<1.0	<0.25	<4.0				<1.0	<1.0

TABLE 11 - HISTORICAL ANALYTICAL DATA - WATER QUALITY PARAMETERS (EXISTING LANDFILL)

Monitoring Well	Sample Date	Temp (C)	ALK (mg/l)	COD (mg/l)	Cl- (mg/l)	Cond (umhos/cm)	Hard (mg/l)	TOC (mg/l)	pH (S.U.)	pH (field) (S.U.)	Phenols (mg/l)	Eh (mV)	SO4= (mg/l)	Turb (NTU)	TDS (mg/l)	NH3 (mg/l)	NO3- (mg/l)	BOD5 (mg/l)	Color (units)	CN- (mg/l)	Cr+6 (mg/l)	TKN (mg/l)	Bromide (mg/l)
Standards and Guidance Values																							
					250				6.5-8.5	6.5-8.5	0.001		250	500	2	10				0.3	0.05		2
MW-221S	May-87	14	630	10	83.9	1400	820	4.6	6.37	6.37	0.018		180	308	1010	0.16	<0.10	7	<5.0		<0.01	1.56	
MW-221S	May-88	12.5	540		75.9	1302	720	1.3	6.82	6.82	<0.005		131	200	927	0.05		10	<5.0			0.2	
MW-221S	Aug-88	13	608		99.7	1410	790	<0.1	6.48	6.48	<0.005		192	76	465	0.16		34	<5.0			0.76	
MW-221S	Nov-88	11.5	818		68.5	1250	752	2.19	6.42	6.42	<0.005		54.7	73	591	<0.04		36	<5.0			1.13	
MW-221S	Feb-89	9.5	591	492	80	1854	825	3.55	7.29	7.29	0.02	342.5	210	140	712	0.31	<0.10	5	5		0.03	8.87	
MW-221S	Apr-89	13	561		77.1	1079	782	5.69	6.66	6.66	<0.005	-18	179	640	500	<0.04		44	20			1.87	
MW-221S	Jun-89	13.5	432		58.2	394	180	25	6.2	6.2	0.01		43.6	38	500	<0.04		19	20			0.36	
MW-221S	Nov-89	14.7	660		174	1534	892	13.5	6.52	6.52	0.009	14	246	248	254	0.24		45	<5.0			1.42	
MW-221S	Feb-90	12.5	641	43.3	122	1551	827	16.8	6.71	6.71	<0.005	15.3	149	249	1050	0.08	0.68	8	10	<0.005	<0.01		
MW-221S	Apr-90	15	634		144	1505	740	19.7	6.53	6.53	<0.005	25.3	136	110	1180	<0.04		18	15			0.82	
MW-221S	Nov-90	15	677	37	107	1600	770	52	6.8	6.8	<0.005	132.3	110	240	1046	<0.1	<0.04	6.1	<5.0	0.008	<0.004	<0.5	
MW-221S	Feb-91	14	662	11.8	122	1600	830	11.4	6.6	6.6	<0.010	136.1	126	250	1091	0.1	<0.04		<5.0				
MW-221S	May-91	15	592	22.6	186.1	1700	780	18	6.7	6.45	<0.010	170.9	195	256	1224	0.24	0.09		<5.0				
MW-221S	Aug-91	19	636	18	167	1980	860	7	6.6	6.6	<0.010	226.1	145	470	1286	<0.03	<0.04		<5.0				
MW-221S	Nov-91	15	708	23.5	140	1825	816	14	6.5	6.58	<0.010	54.6	91	270	1252	<0.02	<0.04						
MW-221S	Feb-92	11	770	32.6	117	1597	767	10	6.5	6.52	<0.010	38.1	56.6	240	956	0.05	0.06	1.4	<5	<0.010	<0.004	<0.5	
MW-221S	May-92	13	600	58	185	1865	869	<1.0			<0.010	160.9	20.4	150	1456	<0.04	0.1	2.6	10	<0.016	<0.004	0.15	
MW-221S	Aug-92	14	722	14.3	180	940	826	<1.0	6.5	<0.010	113.9	215	86	360	1080	<0.02	<0.02						
MW-221S	Feb-93	10.5	702	38.7	87.5	1363	673	95	6.11	<0.010	122.1	302	330	1320	<0.02	<0.02	1.6	5	<0.004	<0.004	<0.5		
MW-221S	Jun-93	12	814	10.3	100	548	813	<1.0	6.46	6.46	<0.010	94	142	84	1160	0.13	<0.02						
MW-221S	Dec-93	12.5	808	22.4	133	1141	967	<1.0			<0.010	111.6	148	220	1224	<0.02	<0.02						
MW-221S	Dec-93	12.5	766	34	77	1456	815	10	6.67	<0.010	<0.010	72.7	36.1	190	248	<0.02	<0.05	<2.0				<0.5	0.72
MW-221S	Jun-94	13.5	776	22.1	108	1661	762	128	6.33	<0.010	<0.010	54.7	117	61	1124	0.178	0.04	3				<0.50	0.89
MW-221S	Aug-94	12.5	820	17.8	78	1501	834	<1	6.43	<0.010	<0.010	26.6	100	84	1008	0.07	0.08	<2.0				<0.5	2.76
MW-221S	Nov-94	13.5	844	14.3	31	997	665	28	6.53	<0.010	<0.010	54.1	122	19	1124	0.03	0.06	<2.0				<0.5	4.2
MW-221S	Mar-95	10.5	763	20	56	665	755	<1	6.64	<0.010	<0.010	36.4	140	83	1068	1.67	0.13	<2				1.23	0.3
MW-221S	June-95	11.5	800	14	105	712	891	<1	6.58	<0.010	<0.010	-21.7	104	72	1156	0.61	0.09	<2				2.6	<0.2
MW-221S	Sept. - 95	14	575	<5.0	54	502	624	<1	6.76	<0.010	<0.010	-30.6	86.2	60	928	0.1	<0.05	<2				<0.5	0.5
MW-221S	Dec-95	12.5	648	8.3	75	502	598	<1	6.78	<0.010	<0.010	12.6	103	3120	968	1.24	<0.05	<2				<0.5	<0.2
MW-221S	Apr-96	6.7	780	160	51	1600	590	11	6.8	<0.002	<0.002	190	170	600	1000	0.89	<0.02	60	750	<0.004	<0.004	<0.5	<0.2
MW-221S	June-96	11.7	700	250	37	1540	880	4.4	6.7	<0.002	<0.002	245	200	790	1000	0.24	0.043	6.4				10	<2
MW-221S	Sept-96	14.7	130	5.3	51	1600	160	1.1	6.5	<0.002	<0.002	-10	6.3	>999	250	<0.03	0.077	<4				0.47	<2
MW-221S	Nov-96	13	130	<1	46	1700	590	3.7	6.58	<0.002	<0.002	25	390	470	1100	0.25	<0.02	<4				0.88	<2
MW-221S	Mar-97	7.6	800	160	68	1700	760	5	6.6	<0.002	<0.002	120	200	>999	1100	0.063	<0.02	<4				1.2	<2
MW-221S	June-97	11.9	920	51	56	1500	810	3.9	6.41	0.011	0.011	95	67	>999	940	0.28	0.4	5				0.87	<2
MW-221S	Sept-97	15.5	930	44	50	1600	960	5.7	6.8	<0.002	<0.002	125	330	>999	1000	0.13	0.068	11				5.9	<2
MW-221S	Dec-97	12.6	670	9.2	11	1590	1100	4.7	7.29	<0.002	<0.002	330	410	74	1100	0.28	0.4	4				1.1	<1
MW-221S	Mar-98	8.8	640	15	18	1510	960	3.1	7.29	<0.002	<0.002	400	270	>999	890	<0.03	0.079	<4				1.1	<1
MW-221S	June-98	14.8	650	5.1	9.9	1270	770	2.8	6.34	<0.002	<0.002	85	89	>999	1000	0.05	<0.02	<4				0.95	<1
MW-221S	Sept-98	15.5	810	21	56	1530	1200	4.9	6.09	<0.002	<0.002	175	300	852	1100	<0.03	3.8	<4				0.45	<0.1
MW-221S	Dec-98	12.7	800	20	62	1530	1300	4.4	7	<0.002	<0.002	55	120	>999	1000	<0.03	<0.02	<4				1.2	<2
MW-221S	Apr-99	9.3	500	18	24	1590	1000	3.2	7.52	<0.002	<0.002	290	240	99	990	<0.03	0.13	<4				0.43	<0.28
MW-221S	June-99	10.9	600	16	33	1500	1300	3.2	7.04	<0.002	<0.002	310	190	159	990	<0.03	0.13	<4				1.2	<2
MW-221S	Sept-99	15.6	650	12	32	1470	900	3.4	6.48	<0.002	<0.002	215	89	144	830	0.03	0.09	<4				0.95	<1
MW-221S	Dec-99	12.1	521	12.8	9.82	1200	723	2.3	8.21	<0.002	<0.002	40	200	950	835	<0.1	2.16	<3				0.28	<0.1
MW-221S	Apr-00	8.3	521	<10	13.9	950	709	2	7.07	<0.004	<0.004	-6	180	16.1	873	<0.1	0.752	<3				<1	<1
MW-221S	Jun-00	16.1	542	<10	11.5	1146	646	2.2	7.31	<0.004	<0.004	26	130	3	706	<0.1	0.061	<3				2.52	<1
MW-221S	Dec-00	10.5	592	<10	8.76	1119	645	5	6.99	<0.004	<0.004	100	99	27	679	<0.1	0.291	<3				<1	<1
MW-221S	Mar-01	8.4	730	<10	65.9	1440	702	5.6	7.06	<0.004	<0.004	52	69	6.4	842	<0.1	0.076	<3				1.84	<1
MW-221S	Jun-01	13	655	10.9	30	1151	594	5.1	6.81	<0.004	<0.004	107	72	11	675	<0.1	0.714	<3				1.07	<1
MW-221S	Sept-01	13.7	533	<10	31.6	1198	620	1.9	6.89	<0.004	<0.004	92	59.9	22	660	<0.1	<0.1	<3				<1	<1
MW-221S	Dec-01	12.8	615	<10	48.9	1328	684	68	6.8	0.01	0.01	51	70	18.8	735	0.167	<0.1	<3				<1	<1
MW-221S	Mar-02	9.1	774	11.8	35.4	1000	660	3.4	6.82	<0.004	<0.004	13	56.5	80.3	721	0.129	<0.1	<3				<1	<1
MW-221S	Jun-02	12.8	558	<10	9.33	1513	717	2.6	7.06	0.0041	0.0041	7.06	328	40.3	1060	0.139	0.131	<3				<1	<1
MW-221S	Sept-02	14.3	719	<10	26.1	1175	632	2	6.85	<0.004	<0.004	102.3	96.4	21.8	785	0.132	<0.1	<3				<1	<1
MW-221S	Dec-02	12.1	500	<10	6.48	1190	702	1.1	6.91	<0.004	<0.004	35	250	100	859	<0.1	0.16	<3				<1	<1
MW-221S	Apr-04	18.2	510	<10	10.9	979	571	1.7	7.56	0.005	0.005	167	37.2	311	633	<0.10	0.36	6				<1	<1
MW-221S	Jun-05	10.2	462	17.5	<5.0	493	591	3.23	8.08	<0.010	<0.010	88	34.7	12	602	<0.10	0.49						

TABLE 11 - HISTORICAL ANALYTICAL DATA - WATER QUALITY PARAMETERS (EXISTING LANDFILL)

Monitoring Well	Sample Date	Temp (C)	ALK (mg/l)	COD (mg/l)	Cl- (mg/l)	Cond (umhos/cm)	Hard (mg/l)	TOC (mg/l)	pH (S.U.)	pH (field) (S.U.)	Phenols (mg/l)	Eh (mV)	SO4= (mg/l)	Turb (NTU)	TDS (mg/l)	NH3 (mg/l)	NO3- (mg/l)	BOD5 (mg/l)	Color (units)	CN- (mg/l)	Cr+6 (mg/l)	TKN (mg/l)	Bromide (mg/l)
Class GA Groundwater Quality Standards and Guidance Values																							
					250				6.5-8.5	6.0-8.0				250	500	2	10			0.2	0.05		2
MW-221D	May-87	12.5	180	21.9	51.3	410	185	2.8	7.72	7.41	0.009		20.2	50	274	0.1	0.1	10	<5.0		<0.01	0.15	
MW-221D	May-88	12.5	140		42.7	426	190	3.4	7.41		0.02		23.4	21	353	0.07		24	<5.0			<0.20	
MW-221D	Aug-88	13	125		59.7	486	178	<0.1	7.6		<0.005		20.6	4	122	0.14		24	<5.0			0.46	
MW-221D	Nov-88	11.3	127		60.5	380	182	2.43	7.9		0.038		4.86	20	197	0.06		21	<5.0		<0.01	0.34	
MW-221D	Feb-89	10	124	10.2	66	548	205	2.35	8.73	8.73	0.012	362	35.2	31	499	0.07	<0.10	22	<5.0			0.33	
MW-221D	Apr-89	13	122		58.7	352	204	10.1	7.61	7.61	<0.005	-1.5	35.1	16	212	0.07		22	10			1.43	
MW-221D	Jun-89	15	637		157	1627	900	17	6.94		0.004		330	85	2240	0.04		11	35			1.09	
MW-221D	Nov-89	13.5	121		56.6	365	183	0.77	7.9		0.009	-61.1	11.3	23	252	0.06		8	<5.0		<0.01	0.16	
MW-221D	Feb-90	11.3	132	28.5	61.6	455	184	31.1	7.86		<0.005	-61.1	32.1	225	281	0.16	0.14	10	10	0.005		0.46	
MW-221D	Apr-90	13.25	141		61.4	380	185	28.5	7.8		<0.005	14.85	11.7	52	259	0.04	<0.04	13	15	0.008	0.005	<0.5	
MW-221D	Nov-90	12	125	7.2	59.7	530	190	7	7.55	7.55	<0.005	104.1	17.3	8	269	0.05	<0.04	3.5					
MW-221D	Feb-91	13	122	<1.0	62.5	510	180	<3.0	7.9	7.71	<0.010	-13.2	24.4	6	289	0.05	<0.04						
MW-221D	May-91	14	118	<0.5	58.5	320	184	<3.0	7.8	7.37	<0.010	99	21	9.5	259	0.04	<0.04						
MW-221D	Aug-91	14	126	2.8	58.3	500	180	<3.0	7.8	7.55	<0.010	201.8	17.8	6.1	342	0.05	<0.04						
MW-221D	Nov-91	14	126	4.2	58.5	469	161	1	7.21		<0.010	35.7	13.3	2.5	248	0.08	<0.04						
MW-221D	Feb-92	10	130	12.3	57.4	458	174	1			<0.010	121.7	18.7	2.5	252	0.11	<0.02	0.8	<5	<0.010	<0.004	<0.5	
MW-221D	May-92	13	122	<1.0	65	456	179	<1.0	7.41	7.41	<0.010	89.4	26.8	2.9	352	<0.04	0.02						
MW-221D	Aug-92	14	108	7.5	65	506	146	<1.0	7.33	7.33	<0.010	108	51.7	1.5	272	<0.02	<0.02						
MW-221D	Dec-92	12	106	7.5	55	506	146	<1.0	7.43	7.43	<0.010	108	51.7	1.5	272	<0.02	<0.02						
MW-221D	Feb-93	11	120	2.7	55	446	133	6	7		<0.010	97.7	34.5	18	296	0.05	<0.02	1	<5	<0.004	<0.004	<0.5	
MW-221D	Jun-93	13	116	7.7	60	304	146	6	7.52		<0.010	66.5	69.3	2.7	298	0.05	<0.02						
MW-221D	Aug-93	15	124	<1.0	61	379	163	<1.0	7.11	7.11	<0.010	65.4	50.5	0.8	265	<0.02	<0.02						
MW-221D	Dec-93	12	106	5.5	59	402	177	2	7.11	<0.010	37.3	31.5	5	4	316	<0.02	<0.02						
MW-221D	Mar-94	13.5	118	<1.0	60	453	164	8	7.49	<0.010	64.7	29.6	16	8.2	224	<0.02	<0.02						
MW-221D	Jun-94	12.5	116	8.9	58	395	169	<1	7.57	<0.010	-1.4	27.1	29.6	3.2	273	<0.02	<0.02						
MW-221D	Aug-94	12.5	126	9.5	59	385	144	4	7.24	<0.010	-2	44.3	29.8	3.9	280	<0.02	<0.02						
MW-221D	March-95	11.5	755	5	62	362	173	5	7.72	<0.010	40.5	29.8	29.8	3.9	280	<0.02	<0.02						
MW-221D	June-95	12.5	123	<5.0	59	355	158	<1	7.14	<0.010	27.3	38.5	17.7	268	<0.02	0.18	<2.0						
MW-221D	Sept-95	12.5	116	8.3	60	319	168	<1	7.27	<0.010	72.9	19.7	19.7	3.1	296	0.07	<2						
MW-221D	Dec-95	11	120	<5.0	58	312	146	<1	7.18	<0.010	-78.3	21.8	5.1	300	0.1	<0.05	<2						
MW-221D	April-96	8.3	140	1	57	450	280	<1	7.35	<0.002	-29.4	25.6	5.5	276	0.06	<0.05	<2						
MW-221D	June-96	11.6	120	1	51	447	180	<1	8.3	<0.002	535	19	28	310	<0.03	0.043	13	<4	<0.004	<0.004	0.46	3.1	
MW-221D	Sept-96	13.7	830	5.7	32	450	790	22	8.2	<0.002	315	44	440	200	290	<0.03	0.027	<4	<0.01	<0.01	<0.01	2.1	
MW-221D	Nov-96	11.4	120	<1	52	425	140	<1	8	<0.002	140	1100	440	13	1100	0.061	<0.02	<4	<0.01	<0.01	<0.01	2.1	
MW-221D	March-97	9.1	140	<1	58	454	150	<1	8	<0.002	45	20	3.4	290	<0.03	<0.03	<4	<0.01	<0.01	<0.01	0.62	<2	
MW-221D	June-97	12.1	140	8.6	55	425	170	1.1	7.95	<0.002	189	16	16	<1	230	<0.03	<0.03	<4	<0.01	<0.01	0.4	<2	
MW-221D	Sept-97	15.8	120	<1	59	440	150	<1	7.6	0.0024	450	28	3	250	<0.03	<0.02	<4	<0.01	<0.01	<0.01	0.85	<2	
MW-221D	Dec-97	11.7	140	33	48	489	160	1.6	8.03	<0.002	120	27	34	270	<0.03	0.06	<4	<0.01	<0.01	<0.01	0.25	<2	
MW-221D	Mar-98	10.7	120	<1	54	478	170	<1	7.9	<0.002	325	43	23	240	<0.03	0.021	<4	<0.01	<0.01	<0.01	0.17	<2	
MW-221D	June-98	12.4	150	6.6	63	473	170	<1	7.3	<0.002	85	14	21	230	<0.03	0.051	<4	<0.01	<0.01	<0.01	0.14	<2	
MW-221D	Sept-98	14.6	130	2.1	61	450	170	<1	7.05	<0.002	285	15	49	270	<0.03	0.047	<4	<0.01	<0.01	<0.01	0.4	<1	
MW-221D	Dec-98	12.4	120	<1	63	433	240	<1	7.53	<0.002	110	25	15	220	<0.03	0.023	<4	<0.01	<0.01	<0.01	0.23	<1	
MW-221D	Apr-99	11.6	110	6.3	61	492	170	<1	7.76	<0.002	80	18	36	290	<0.03	0.035	<4	<0.01	<0.01	<0.01	0.12	<1	
MW-221D	Jun-99	11.9	120	3.9	57	460	210	<1	6.95	<0.002	300	17	95	280	<0.03	0.029	<4	<0.01	<0.01	<0.01	0.77	0.71	
MW-221D	Sept-99	14.2	120	3.9	56	456	180	<1	7.69	<0.002	340	17	45	230	<0.03	0.044	<4	<0.01	<0.01	<0.01	0.14	0.62	
MW-221D	Apr-00	10.3	125	<10	57.1	450	167	1.5	8.66	<0.002	-12	23	16.4	17	18	230	<0.03	<4	<0.01	<0.01	0.28	0.38	
MW-221D	Jun-00	14.3	121	<10	57.1	450	167	1.5	7.91	0.005	-94	16	4.34	4.5	238	<0.1	<0.05	<3	<0.01	<0.01	<0.1	<1	
MW-221D	Dec-00	10.9	124	<10	55.9	462	185	<1	7.93	<0.004	-101	18	3.4	216	235	<0.1	<0.05	<3	<0.01	<0.01	<0.1	<1	
MW-221D	Mar-01	9.8	122	<10	54.5	453	178	<1	8.14	<0.004	85	18	6.7	207	<0.1	0.08	<3	<0.01	<0.01	<0.01	<0.1	<1	
MW-221D	Jun-01	12.8	114	<10	56.2	463	177	<1	7.54	<0.004	28	19	5.6	239	<0.1	0.089	<3	<0.01	<0.01	<0.01	1.53	<1	
MW-221D	Sept-01	13.8	115	<10	53.4	457	170	1.6	8.05	<0.004	99	18.6	3.7	230	<0.1	<0.1	<3	<0.01	<0.01	<0.01	<0.1	<1	
MW-221D	Dec-01	12	114	<10	58.8	452	175	<1	8.13	<0.004	78	17.9	17.7	213	<0.1	<0.1	<3	<0.01	<0.01	<0.01	<0.1	<1	
MW-221D	Mar-02	10.9	117	12.5	57.8	437	179	<1	7.52	<0.004	-7	18.3	23	224	<0.1	<0.1	<3	<0.01	<0.01	<0.01	<0.1	<1	
MW-221D	Jun-02	12.7	120	<10	58	444	171	<1	7.76	<0.004	-25	16.4	2.7	238	<0.1	<0.1	<3	<0.01	<0.01	<0.01	<0.1	<1	
MW-221D	Sept-02	13.4	112	<10	57.7	431	163	<1	7.89	<0.004	301	17.4	4.68	227	<0.1	<0.1	<3	<0.01	<0.01	<0.01	<0.1	<1	
MW-221D	Dec-02	12	118	<10	62.9	451	182	<1	8.09	<0.004	-18	18.3	12	235	<0.1	<0.1	<3	<0.01	<0.01	<0.01	<0.1	<1	
MW-221D	Apr-04	10.3	124	<10	53.7	424	173	<1.0	8.11	<0.004	207	16.4	19	250	<0.1	<0.1	<3	<0.01	<0.01	<0.01	<0.1	<1	
MW-221D	Jun-05	16.8	122	23.4	53	691	193	<1.0	7.42	<0.010	151	20.7	26	258	<1.00	0.21	<4.00	15	<0.0100	<0.0100	<0.01	<1.00	
MW-221D	Sept-06	2																					

TABLE 11 - HISTORICAL ANALYTICAL DATA - WATER QUALITY PARAMETERS (EXISTING LANDFILL)

Monitoring Well	Sample Date	Temp (C)	ALK (mg/l)	COD (mg/l)	Cl ⁻ (mg/l)	Cond (umhos/cm)	Hard (mg/l)	TOC (mg/l)	pH (S.U.)	pH (field) (S.U.)	Phenols (S.U.)	Eh (mv)	SO ₄ = (mg/l)	Turb (NTU)	TDS (mg/l)	NH ₃ (mg/l)	NO ₃ - (mg/l)	BOD ₅ (mg/l)	Color (units)	CN ⁻ (mg/l)	Cr+6 (mg/l)	TKN (mg/l)	Bromide (mg/l)
Standards and Guidance Values																							
MW-222	May-87	13	685		48.5	1583	920	2.2	6.3	0.012			250	260	1128	0.15	0.61	10	<5.0		<0.01		0.67
MW-222	May-88	13	875		41.3	1681	1100	4.5	6.71	0.041			197	775	686	0.24		12	<5.0				1.07
MW-222	Aug-88	13	975		46.2	1481	808	2.6	6.44	<0.005			210	190	439	0.28		13	5				1.22
MW-222	Nov-88	12	707		54.4	1462	932	2.5	6.5	0.031			202	15	683	0.39		12	10				2.51
MW-222	Feb-89	10.8	739		88	1645	1140	4.25	7.03	0.032		-18.7	173	150	1080	0.19	<0.10	15	25		<0.01		1.53
MW-222	Apr-89	11.5	488		80.5	1269	821	33.7	6.24	0.012		69	255	530	527	0.15		12	50				1.53
MW-222	Jun-89	14	510		30.4	1002	541	12.2	6.64	0.011		-156.3	343	340	1010	0.08		9	165				0.9
MW-222	Nov-89	17	449		46.2	819	502	15.8	6.83	0.008			65	105	1600	0.72		17	80				1.24
MW-222	Feb-90	12.2	465	12.4	51.7	978	698	8.54	6.92	<0.005		4.8	248	120	895	0.41	<0.10	21	15	<0.005	<0.01		0.65
MW-222	Apr-90	10.4	257		40	684.5	320	3.12	6.49	<0.005		25.5	382	48	495	0.15		11	70	<0.004	0.032		0.67
MW-222	Nov-90	11	666	20	53.8	890	710	32	6.9	<0.005		-11.5	87.5	90	922	0.29	<0.1	14	5				
MW-222	Feb-91	13	691	7.8	61	1450	810	17	6.6	0.105		10.5	116	150	1022	0.39	<0.04						
MW-222	May-91	11	548	21.9	63.8	1300	760	10.5	6.6	6.29		71.8	205	190	1066	0.18	<0.02						
MW-222	Aug-91	14	660	19	48.5	1880	800	5.3	6.4	6.67		232.4	192	300	1252	0.8	<0.04						
MW-222	Nov-91	14	892	140	115	1996	1036	94	6.48	<0.010		9.3	18	270	1484	1.7	<0.04						
MW-222	Feb-92	10	846	51.9	92.1	2170	1035	27	6.22	<0.010		13	90	380	1256	0.3	0.15	15.3		<0.010	<0.004		0.6
MW-222	May-92	13	750	27	195	1903	1075	<1.0		6.32		10.3	13.9	210	1568	0.53	0.15	9.3	10	0.011	<0.004		1.2
MW-222	Aug-92	13	434	26.5	135	1449	707	<1.0		6.11		7.7	79.8	110	1248	0.86	0.12						
MW-222	Dec-92	11.5	908	22.8	130	1941	844	<1.0		6.53		5.7	96.8	300	1260	1.09	<0.02						
MW-222	Feb-93	11	47.2	39.6	135	1423	715	106		6.55		-63.8	84.9	1000	1180	0.8	<0.02						
MW-222	Jun-93	13.5	812	9.4	51	526	761	<1.0		6.55		-10.1	90.6	220	840	0.98	<0.02						2
MW-222	Aug-93	15.5	780	33	105	1101	808	<1.0		6.33		-28.9	124	380	1064	14.4	<0.02						6.95
MW-222	Dec-93	13.5	908	41.2	205	2060	1020	32		6.41		-60.1	88.7	240	1468	7.78	<0.05						0.33
MW-222	Mar-94	12	828	35.5	182	2360	1097	148		6.61		-50.9	282	260	1408	4.66	<0.05						2.51
MW-222	Jun-94	13.5	788	15.1	50	1059	798	8		6.22		-44.8	61.6	150	907	1.22	0.1	7.8	80	<0.004	<0.004		4.93
MW-222	Nov-94	12	856	26.7	73	1702	949	12		6.4		13.1	118	180	1200	6.03	0.17	6.7					1.28
MW-222	Mar-95	11	888	30	42	1113	753	18		6.49		0.3	148	70	1124	1.51	<0.05	4.2					0.3
MW-222	June-95	11	888	30	42	724	849	18		6.5		56.5	202	410	1254	2.71	0.11	5					1.9
MW-222	Sept. - 95	11.5	759	55.8	290	894	780	18		6.65		-79.9	99.6	320	1476	1.55	<0.05	6					2.4
MW-222	Nov-95	12	592	36.7	38	529	573	<1		6.82		-89.1	151	380	908	0.56	<0.05	11	25	<0.004	<0.004		1.27
MW-222	April-96	9.7	820	59	77	1890	800	16		6.7		85	120	1000	1200	1.5	<0.02	28	750	<0.01	<0.01		4
MW-222	June-96	11.7	700	110	41	2000	890	15		6.3		78	<110	480	1300	1.1	<0.02	11					2.3
MW-222	Nov-96	11.5	860	140	88	1950	680	5.8		6.47		0	110	440	1200	0.6	<0.02	21	25	<0.01	<0.01		2
MW-222	March-97	10.1	370	74	150	2030	790	9.6		6.5		130	430	925	1300	1	<0.02	24					3.2
MW-222	Sept-97	13	960	180	280	2060	1000	36		6.43		0.093	150	50	1500	5.6	<0.02	16					7.3
MW-222	Dec-97	12	2100	170	310	3150	810	43		6.59		-10	150	>999	1800	34	<0.02	<4					2.4
MW-222	Mar-98	11.5	1200	32	170	2200	720	12		6.86		-20	78	58	1200	16	<0.02	13					16
MW-222	June-98	13.8	980	24	50	1620	700	7.5		5.94		-90	130	>999	1100	9.5	<0.02	14	130	<0.01	<0.01		15
MW-222	Sept-98	13.7	970	21	49	1800	1000	6.9		6.37		-35	61	>999	1300	62	<0.02	25					63
MW-222	Dec-98	12.7	1100	56	260	2260	1100	18		6.99		-30	170	135	1600	28	<0.02	17					30
MW-222	Apr-99	12.4	970	54	190	2630	1200	18		6.65		-60	47	35	980	31	<0.02	13					640
MW-222	June-99	11.9	860	54	100	1800	780	10		7.04		63	100	40	1100	72	<0.02	19					81
MW-222	Sept-99	15.1	950	51	140	2220	740	15		9		-145	54	16	960	91	<0.02	19	40	<0.01	<0.03		1.5
MW-222	Dec-99	12.5	930	54	160	1880	620	12		6.92		-75	40	34	935	40.2	<0.05	10	350	<0.01	<0.01		1.7
MW-222	Apr-00	10.7	841	33.6	105	1850	683	8.1		6.91		-152	28	25.9	921	14.4	<0.05	16					41.9
MW-222	Jun-00	14.3	773	25.6	121	1300	778	7.9		6.7		0.0056	78	14	953	7.78	<0.05	16					9.8
MW-222	Sept-00	12.5	1640	26.7	114	1710	824	6.6		6.87		-28	66	15	1060	20.5	<0.05	9					<1
MW-222	Dec-00	11.4	757	29.2	130	1960	892	9.9		6.68		-59	65	9.7	1270	8.53	<0.05	11					29.3
MW-222	Mar-01	11	917	32	244	2100	875	18.6		6.83		-93	28.7	23	933	<0.1	<0.1	10	250	<0.01			1.31
MW-222	Jun-01	13.2	865	31	106	1708	756	9.7		6.77		-78	45.2	9.52	1110	4.18	<0.1	14					8.41
MW-222	Sept-01	13	778	24.4	111	1947	865	8.1		6.77		-78	56.8	6.96	1350	70.8	<0.1	5.4					59.8
MW-222	Dec-01	12.7	1030	79.7	257	2690	759	2.3		6.79		-42	27.8	13	1080	80.6	<0.1	8					125
MW-222	Mar-02	13.6	985	37.4	98.2	2260	513	23		6.76		-74	106	3.6	885	70.4	<0.1	11					104
MW-222	Jun-02	14.1	874	18.7	90.1	1745	572	7.2		7.02		-99.5	34	10.82	795	38.9	<0.1	11	100	<0.005	<0.01		64.8
MW-222	Sept-02	13.1	996	32.4	42.9	1445	692	8.1		6.75		-62	89.4	9.4	930	35.5	<0.1	11					<1
MW-222	Dec-02	13.1	996	32.4	42.9	1445	692	8.1		6.75		-62	89.4	9.4	930	35.5	<0.1	11					<1
MW-222	Apr-04	12.3	795	22	74.6	1495	798	7.1		8.19		-15	18.5	45	999	2.58	<0.1	>22E					<1.00
MW-222	Jun-05	16.4	827	50.1	58	686	825	8.75		7.18		104	47.5	61	1010	8.68	0.73	8.78	400	<0.0100	<0.010		3.95
MW-222	Sept-06	17.6	820	48	71	237	810	11		8.59		854	11	38	990	7.2	<0.25	12	150	<0.010	<0.010		9.3

TABLE 11 - HISTORICAL ANALYTICAL DATA - WATER QUALITY PARAMETERS (EXISTING LANDFILL)

Monitoring Well	Sample Date	Temp (C)	ALK (mg/l)	COD (mg/l)	Cl- (mg/l)	Cond (umhos/cm)	Hard (mg/l)	TOC (mg/l)	pH (S.U.)	pH (field) (S.U.)	Phenols (mg/l)	Eh (mV)	SO4= (mg/l)	Turb (NTU)	TDS (mg/l)	NH3 (mg/l)	NO3- (mg/l)	BOD5 (mg/l)	Color (units)	CN- (mg/l)	Cr+6 (mg/l)	TKN (mg/l)	Bromide (mg/l)
Class GA Groundwater Quality Standards and Guidance Values																							
					250				6.3-8.5	6.3-8.5	0.001		250		500	2	10			0.2	0.05		2
MW-223S	Sept-87	11.5	626	10.1	18.5	1492	900	73	7.01	<0.005	<0.005		255	40	1010	0.1	0.3	4	<5.0	<0.01	<0.01	0.26	
MW-223S	May-88	12.5	730		10.5	1346	890	4.3	7.89	<0.005	<0.005		223	17	984	0.28		12	<5.0			0.59	
MW-223S	Aug-88	12	737		10.9	1508	890	9.4	6.85	<0.005	<0.005		258	30	473	0.11		10	<5.0			0.81	
MW-223S	Nov-88	10	662		11.4	1223	898	19.3	6.93	0.05	0.05		404	5	631	0.15		69	<5.0			0.35	
MW-223S	Feb-89	8	593	17.4	11	1522	804	6.5	7.45	<0.005	<0.005	97.5	269	85	960	0.14	<0.1	13	10	<0.01	<0.01	0.66	
MW-223S	Apr-89	14	576		2.5	1458	474	11.93	6.02	0.01	0.01	-290	137	12	615	0.48		15	<5.0			1.02	
MW-223S	Jun-89	13.5	730		10.5	1352	972	12.4	6.96	<0.005	<0.005		549	88	2040	0.06		11	22			0.22	
MW-223S	Nov-89	11.3	764		14	1193	991	5.64	6.82	0.009	0.009	-1.2	229	36	1060	0.11		8	<5.0			0.36	
MW-223S	Feb-90	11.5	744	11.2	11	1475	961	16.3	6.94	<0.005	<0.005	-2.15	228	124	1060	0.14	<0.1	82	5	<0.005	<0.01	0.56	
MW-223S	Nov-90	10.7	693		10.2	1107.5	891	15.2	8.03	<0.005	<0.005	-61.3	121	180	901	0.14	<0.1	9.5	<5	<0.004	0.027	<0.5	
MW-223S	Nov-90	10	819		11.7	970	920	5.8	7	<0.010	<0.010	205.1	170	54	1069	0.16	<0.1						
MW-223S	Feb-91	11	738	<0.5	12.9	1300	910	78	6.8	6.97	<0.010	66.9	165	110	1064	0.2	<0.04						
MW-223S	Aug-91	11	720	5.5	11.7	1100	940	<3	6.7	6.66	<0.010	202.8	152	47	1022	0.12	<0.04						
MW-223S	Nov-91	11	718	4.5	10.4	1540	880	19.4	6.9	7.17	<0.010	223.3	155	60	1080	0.06	<0.04						
MW-223S	Nov-91	10	664	3.8	11	1592	879	52	6.58	<0.010	<0.010	100.8	182	100	1016	0.12	<0.04						
MW-223S	Feb-92	11	694	14.7	12.9	1499	853	<1.0	6.85	<0.010	<0.010	79.7	203	67	924	0.16	0.03	6.6	<5	<0.010	<0.004	<0.5	
MW-223S	May-92	12	622	96	10	1406	822	<1.0		6.69	<0.010	75.4	168	66	956	0.48	0.08	2.7	5	0.016	<0.004	0.31	
MW-223S	Aug-92	13	702	7	12	1256	725	7		6.81	<0.010	38.2	162	120	1056	0.90	0.02						
MW-223S	Dec-92	10	662	3	6	1603	746	<1.0		6.8	<0.010	39.5	162	82	1030	0.02	0.04						
MW-223S	Feb-93	10	740	<1.0	10	1241	614	58	6.79	6.9	<0.010	25.4	166	105	972	0.11	0.07	0.8	<5	0.004	<0.004	<0.5	
MW-223S	May-93	10.5	742	15.4	9	571	779	14		6.53	<0.010	75.1	142	90	996	0.03	<0.02						
MW-223S	Aug-93	14	772	2	11	976	864	<1.0		6.75	<0.010	1.2	147	140	1028	0.15	<0.02						
MW-223S	Dec-93	10	688	5.9	10	1305	923	30		6.75	<0.010	96.1	166	112	972	<0.02	<0.05	<2.0				<0.5	0.82
MW-223S	Mar-94	10.5	700	<1.0	11	1456	765	224		6.8	<0.010	81.6	160	210	880	<0.02	<0.05					<0.5	1.22
MW-223S	Aug-94	12.5	740	14	10.5	991	810	52		6.76	<0.010	67.1	171	150	556	0.05	0.04	3	10	<0.004	0.007	<0.5	2.44
MW-223S	Nov-94	11	768	8.9	13	1378	853	5		6.69	<0.010	53.6	173	39	980	0.09	0.33	2				<0.5	3.75
MW-223S	March-95	9.5	795	5	16	665	686	29		6.72	<0.010	67.5	150	80	1032	0.07	0.17	<6.0				<0.5	<0.2
MW-223S	Nov-95	11.5	808	9.3	20	640	3570	<1		6.69	<0.010	121.1	167	32	1160	0.48	0.29	<2				<0.5	<0.2
MW-223S	Sept. - 95									6.57	<0.010	-68.7	169	47	1120	0.1	<0.05	<2				<0.5	<0.2
MW-223S	Nov-95	9	732	12.5	15	512	837	10		6.86	<0.010	-77.9	148	47	1120	0.1	<0.05	<2				<0.5	0.7
MW-223S	Apr-96	10.1	730	3.3	21	1700	440	26		6.92	<0.010	-75.3	159	86	1012	<0.02	<0.05	<2				<0.5	3
MW-223S	June-96	11.4	870	22	7.5	1530	800	1.2		6.5	<0.002	57	340	120	930	0.11	<0.02	<4				0.92	
MW-223S	Sept-96	11.8	720	10	<10	1500	680	1		6.5	<0.002	10	500	31	920	0.14	<0.02	<4				7.3	
MW-223S	Nov-96	11.5	710	7.8	15	1310	600	3.2		7.09	<0.002	65	560	79	870	0.11	<0.02	<4				1.3	
MW-223S	March-97	9.9	720	13	18	1730	620	2.2		6.1	<0.002	-10	100	337	860	0.096	<0.02	<4				0.48	
MW-223S	June-97	11.7	550	59	23	1430	780	1.8		6.45	<0.002	335	100	260	970	0.032	<0.02	<4				0.58	
MW-223S	Sept-97	11.8	540	59	18	1100	690	3.4		6.8	<0.002	25	89	80	880	0.28	0.031	4				0.46	
MW-223S	Dec-97	10.6	760	27	20	1450	710	2		7.15	<0.002	-20	120	195	770	0.075	<0.02	<4				0.95	
MW-223S	Mar-98	9.6	450	6.5	23	1330	500	1.9		7.34	<0.002	10	140	127	660	0.16	0.02	<4				0.34	
MW-223S	June-98	13.6	830	8.3	29	1500	820	2.4		7.02	<0.002	-85	150	380	920	0.094	<0.02	<4				0.36	
MW-223S	Sept-98	12.1	600	20	22	1120	760	2.8		6.75	<0.002	-90	130	180	780	0.11	<0.02	<4				0.32	
MW-223S	Dec-98	10.8	310	14	29	635	960	2.7		7.45	<0.002	25	62	142	540	0.33	0.033	9				0.58	
MW-223S	Apr-99	11.4	650	16	28	1390	750	2.2		7.24	<0.002	80	110	113	890	0.049	<0.02	<4				0.82	
MW-223S	June-99	11.3	570	3.9	21	1390	880	1.8		6.15	<0.002	20	110	82	790	0.11	<0.02	<4				0.9	
MW-223S	Sept-99	12.8	720	12	30	1410	800	2.5		7.01	<0.002	35	120	167	940	0.044	<0.02	<4				0.56	
MW-223S	Dec-99	11	680	27	24	1360	780	1.8		8.35	<0.002	95	110	312	860	0.044	<0.02	<4				0.37	
MW-223S	Apr-00	10.2	701	10.5	28	1415	775	2.4		6.93	0.006	-72	100	7.9	948	0.211	<0.05	<3				<0.1	
MW-223S	Sept-00	11.5	688	<10	30.5	1090	784	2.7		6.99	<0.004	-98	130	15.7	959	0.105	<0.05	<3				1.36	
MW-223S	Dec-00	9.4	659	17.2	24.6	1370	783	3.6		6.79	0.0079	-43	140	11	927	<0.1	<0.05	<3				<1	
MW-223S	Mar-01	11.1	631	<10	23.8	1378	718	2.5	6.8	<0.004	<0.004	-66	120	22	852	<0.1	<0.05	<3				2.18	
MW-223S	June-01	13.1	630	<10	29.8	1427	718	4.5		7.08	<0.004	-60	160	18	877	<0.1	<0.05	<3				2.15	
MW-223S	Sept-01	12.8	579	<10	25.3	1385	711	2		6.76	<0.004	-46	141	33.3	851	<0.1	<0.05	<3				<1	
MW-223S	Dec-01	10.9	627	<10	26.7	1353	696	1.6		6.83	0.0059	-44	121	10.24	834	<0.1	<0.1	<3				1.01	
MW-223S	Mar-02	10.2	733	<10	22	1259	713	1.2		6.67	<0.005	-43	97.9	2.81	833	<0.1	<0.1	<3				3.55	
MW-223S	June-02	12.3	649	<10	22.6	1359	694	2.7		6.76	<0.004	-43	110	13.7	879	<0.1	<0.1	<3				1.54	
MW-223S	Sept-02	11.8	639	<10	21.5	1301	674	93		6.75	<0.004	140.7	97.8	2.2	859	<0.1	<0.1	<3				<1	
MW-223S	Dec-02	10	633	<10	23.3	1374	745	1.2		6.81	<0.004	6.7	95.9	9.8	820	<0.1	<0.1	<3				1.41	
MW-223S	Apr-04	11.3	622	<10.0	19.2	631	619	<0.1		11.24	<0.004	131	75.9	71.2	775	<0.100	<0.1	<3				<1	
MW-223S	Jun-05	19	182	<10.0	48	485	295	1.57		8.03	<0.010	103	76.2	40	272	<0.100	<0.200	<4.00				<1.00	
MW-223S	Sept-06	9.7	510	12	14	104	590	3.8		7.27	<0.010	681	71	55	660	<1.0	<0.25	<4.00				0.35	

TABLE 11 - HISTORICAL ANALYTICAL DATA - WATER QUALITY PARAMETERS (EXISTING LANDFILL)

Monitoring Well	Sample Date	Temp (C)	ALK (mg/l)	COD (mg/l)	Cl- (mg/l)	Cond (umhos/cm)	Hard (mg/l)	TOC (mg/l)	pH (S.U.)	pH (field) (S.U.)	Phenols (mg/l)	Eh (mV)	SO4= (mg/l)	Turb (NTU)	TDS (mg/l)	NH3 (mg/l)	NO3- (mg/l)	BOD5 (mg/l)	Color (units)	CN- (mg/l)	Cr+6 (mg/l)	TKN (mg/l)	Bromide (mg/l)
Standards and Guidance Values																							
					250				6.5-8.5	6.5-8.5	0.001		250		500	2	10			0.2	0.05		2
KW-223D	Sep-87	11.5	600	22.3	11.3	1380	760	2.4	6.6		0.027		220	25	917	0.08	<0.10	20	<5.0	<0.01		0.16	
KW-223D	May-88	12.5	680		13	1268	740	4.2	6.83		<0.005		186	54	908	0.13		18	<5.0			<0.20	
KW-223D	Aug-88	13	941		17.7	1353	860	9.6	6.89		<0.005		211	7	494	0.18		7	<5.0			0.4	
KW-223D	Nov-88	10.3	395		13.9	621	410	2.18	8		0.03		639	5	396	0.13		21	5			0.38	
KW-223D	Feb-89	8	676	12.6	36	1458	868	5.3	7.37		<0.005	105	152	58	550	0.14	<0.10	10	<5.0	0.03		0.47	
KW-223D	Apr-89	12.5	488		16.5	720	525	19.3	7.66		0.007	-210	143	27	300	0.13		48	10			0.67	
KW-223D	Jun-89	12	752		42.9	1313	925	11.4	6.86		0.008		472	96	2020	0.04		16	25			0.27	
KW-223D	Nov-89	11.3	257		15.8	667	342	18.2	7.36		0.013	-35.45	133	30	489	0.23		36	<5.0	<0.01		0.79	
KW-223D	Feb-90	11	834	<10	47.2	1553	987	44.1	6.99		<0.005	-8.9	119	19	1712	0.08	<0.10	94	10	<0.005	<0.01	0.38	
KW-223D	Apr-90	10.45	669		30.3	830	862	441.4	7.03		<0.005	-8.9	119	19	1712	0.04		11	25	<0.004	0.024	<0.5	
KW-223D	Nov-90	10	830	17	39.1	1000	880	8.6	7		<0.010	229.4	129	225	1072	0.16	<0.1						
KW-223D	Feb-91	11	846	<0.5	38.7	1400	980	97	6.7	6.8	<0.010	82.3	157	240	1152	0.17	<0.04						
KW-223D	May-91	11	758	12.1	29.8	1100	990	4.9	6.8	6.61	<0.010	108.6	146.5	56	1107	0.07	<0.04						
KW-223D	Aug-91	10	724	7.3	22.9	1760	810	22.9	6.8	7	<0.010	222.7	176	140	1220	<0.03	<0.04						
KW-223D	Nov-91	11	760	6.7	22	1860	1171	26	6.52		<0.010	121.3	247	65	1144	0.26	<0.04						
KW-223D	Feb-92	11	800	7.4	25.7	1556	916	3	6.68		<0.010	93.5	173	43	963	0.05	0.05	3.4	<5	<0.010	<0.004	<0.5	
KW-223D	May-92	12	682	<1.0	32	1484	803	<1.0			<0.010	59.3	16.5	34	869	<0.04							
KW-223D	Aug-92	13	734	6	25	1338	758	1	6.8		<0.010	49.4	173	87	1164	<0.04							
KW-223D	Dec-92	10	662	6.9	20.5	1680	796	<1.0	6.93		<0.010	52.3	212	86	1080	<0.02							
KW-223D	Feb-93	10	722	<1.0	22.5	1251	662	58	6.86		<0.010	56.8	192	56	1028	<0.02							
KW-223D	May-93	12	678	<1.0	21	546	785	12	6.84		<0.010	94.7	127	44	956	<0.02		2	<5	0.004	<0.004	<0.5	
KW-223D	Aug-93	14	654		23	845	643				<0.010	9.6	251	66	952	0.69	<0.02						
KW-223D	Dec-93	10	616	8.8	21	1201	775	22	6.73		<0.010	94.3	141	71	920	<0.02	<0.05	<2.0				<0.5	1.04
KW-223D	Mar-94	10.5	616	<1.0	20	1206	668	84	6.84		<0.010	60.7	148	50	798	<0.02	<0.05	<2.0				<0.5	2.28
KW-223D	May-94	11.5	628	15.1	21.5	899	648	42	6.85		<0.010	26.7	135	280	788	<0.02	0.12	<2.0				<0.5	3.92
KW-223D	Aug-94	13	604	<5.0	21	1114	710	<1	6.88		<0.010	50.8	139	56	788	<0.02	0.22	<2.0				<0.5	3.92
KW-223D	Nov-94	11.5	719	14.3	21	889	605	25	6.89		<0.010	63.1	155	14	908	0.03	0.21	<2.0				<0.5	3.92
KW-223D	March-95	11	622	5	22	632	603	36	6.81		<0.010	-46.6	132	21	904	0.37	0.09	<2				<0.5	3.92
KW-223D	June-95	11.5	674	<5.0	23	614	700	<1	6.84		<0.010	-50.3	129	15.5	1016	0.08	<0.05	<2				<0.5	3.92
KW-223D	Sept. -95	11.5	702	12.5	22	488	756	<1	6.88		<0.010	-53.5	152	66	884	<0.02	0.08	<2				<0.5	3.92
KW-223D	Nov-95	9	604	<5.0	20	489	604	<1	6.8		<0.02	130	110	290	660	0.11	0.024	<4				1.1	3.5
KW-223D	April-96	10	440	10	22	760	720	1.6	6.7		<0.02	100	52	20	550	0.036	0.07	<4				5.6	<2
KW-223D	June-96	11.7	340	5.1	10	1110	560	1	6.7		<0.02	50	72	20	550	0.036	0.07	<4				0.66	<2
KW-223D	Sept-96	11.7	700	5.3	<10	1300	460	1	7.19		<0.02	25	390	24	640	<0.03	<0.02	<4				0.65	<2
KW-223D	Nov-96	11.1	440	1	20	1050	460	2.7	6.6		<0.02	0	92	20	520	0.12	<0.02	<4				0.88	<2
KW-223D	March-97	9.3	320	8.6	18	1340	370	2.2	6.6		<0.02	0	92	20	520	0.12	<0.02	<4				0.54	<2
KW-223D	June-97	12.1	730	<2	21	1180	630	1.9	6.76		0.0037	40	100	<1	850	<0.03	<0.02	<4				0.49	<2
KW-223D	Sept-97	12	470	9.1	23	950	540	3.2	7.1		<0.02	40	94	135	750	0.048	0.049	<4				0.34	<2
KW-223D	Dec-97	10.8	370	27	19	1290	610	2.1	7.18		<0.02	30	110	147	710	<0.03	<0.02	<4				0.26	<2
KW-223D	Mar-98	10	370	4.3	17	884	430	1.9	7.64		<0.02	20	82	285	470	0.16	<0.02	<4				0.74	<1
KW-223D	June-98	13	690	7.3	16	1180	650	2.1	6.91		<0.02	65	98	399	730	0.039	0.021	<4				0.37	<1
KW-223D	Sept-98	12.3	500	23	22	1000	580	2.9	6.81		<0.02	<395	94	430	710	<0.03	<0.02	<4				0.83	<0.1
KW-223D	Dec-98	11.2	530	1.4	6.4	990	880	2.7	7.02		<0.02	20	64	370	710	0.2	<0.02	9.3				0.42	<1
KW-223D	Apr-99	10.9	600	13	26	1320	720	2.4	7.21		<0.02	-50	120	113	840	<0.03	<0.02	<4				0.33	<0.1
KW-223D	June-99	11	470	6.4	17	1040	700	1.9	6.46		<0.02	150	110	194	660	<0.03	<0.02	<4				0.33	<0.1
KW-223D	Sept-99	12.7	630	19	22	1250	700	2.6	6.96		<0.02	85	120	550	650	<0.03	<0.02	<4				0.36	<0.1
KW-223D	Dec-99	11.1	430	20	17	980	550	1.7	8.33		<0.02	-76	98	8.2	788	0.134	<0.05	<3				<1	<1
KW-223D	Apr-00	9.8	593	<10	24.1	1190	661	2.1	7.3		0.008	-115	110	25.8	826	<0.1	<0.05	<3				<1	<1
KW-223D	Jun-00	13.8	618	<10	25	950	696	2.1	7.31		<0.004	-22	150	15	842	<0.1	<0.05	<3				2.18	<1
KW-223D	Sept-00	11.4	607	<10	25	1325	747	2.2	6.98		<0.004	-22	150	15	842	<0.1	<0.05	<3				<1	<1
KW-223D	Dec-00	9.6	696	17.2	24.8	1345	781	2.6	7.01		<0.004	-23	140	9.1	920	<0.1	<0.05	<3				<1	<1
KW-223D	Mar-01	10.8	655	<10	24.4	1338	727	3.2	7.17		<0.004	-33	140	7.2	812	<0.1	<0.05	<3				2.46	<1
KW-223D	Jun-01	12.8	593	<10	26.2	1303	678	4.4	6.92		<0.004	-33	140	7.2	812	<0.1	<0.05	<3				<1	<1
KW-223D	Sept-01	10.8	552	<10	31.3	1314	713	1.9	6.94		<0.004	-50	126	7.63	796	<0.1	<0.1	<3				<1	<1
KW-223D	Dec-01	10.8	606	<10	23.7	1295	695	2.1	6.98		0.012	-3	120	5.75	810	<0.1	<0.1	<3				<1	<1
KW-223D	Mar-02	11.6	689	<10	23.9	1240	731	1.7	6.79		<0.004	-12	116	4.11	837	<0.1	<0.1	<3				<1	<1
KW-223D	Jun-02	12.3	635	<10	25.3	1262	678	2.3	6.81		<0.004	-27	98.1	5.9	804	<0.1	<0.1	<3				<1	<1
KW-223D	Sept-02	9.3	615	<10	25.4	1245	659	2.3	6.94		<0.004	863	96.3	2.5	784	<0.1	0.109	<3				<1	<1
KW-223D	Dec-02	12.9	717	<10	29.4	1230	628	1.5	6.98		<0.004	6.4	104	7.2	772	<0.1	<0.1	<3				<1	<1
KW-223D	Apr-04	11.4	490	<10	22.7	998	516	2.4	8.21		<0.004	118	84	136	696	<0.10	1.32	6.72				<1	<1
KW-223D	Jun-05	17.5	38.2	35.3	<5.0	718	109	11.9	7.6		<												

TABLE 11 - HISTORICAL ANALYTICAL DATA - WATER QUALITY PARAMETERS (EXISTING LANDFILL)

Monitoring Well	Sample Date	Temp (C)	ALK (mg/l)	COD (mg/l)	Cl ⁻ (mg/l)	Cond (umhos/cm)	Hard (mg/l)	TOC (mg/l)	pH (S.U.)	pH (field) (S.U.)	Phenols (mg/l)	Eh (mV)	SO4= ⁻ (mg/l)	Turb (NTU)	TDS (mg/l)	NH3 (mg/l)	NO3 ⁻ (mg/l)	BOD5 (mg/l)	Color (units)	CN ⁻ (mg/l)	Cr+6 (mg/l)	TKN (mg/l)	Bromide (mg/l)
Clear GA Groundwater Quality Standards and Guidance Values																							
MW-303D	Nov-94	11.5	206	21.7	230	1073	214	8	9.58	<0.010	29.5	156	144	12	772	0.48	0.36	<2.0		0.2	0.65	1.3	4.5
MW-303D	March-95	11	174	5	250	789	157	2	7.63	<0.010	50	144	144	5.2	748	0.5	0.07	<2		0.5		0.2	2.5
MW-303D	June-95	12	166	9.3	215	789	146	3	7.56	<0.010	-137.5	130	144	14	732	0.2	0.26	<2		<0.5		0.2	2.3
MW-303D	Sept.-95	12	196	20.8	195	656	165	24	7.05	<0.010	-117.3	130	130	12	788	0.37	<0.05	<2		<0.5		0.2	2.1
MW-303D	Nov-95	10	128	8.2	212	612	164	<1	7.11	<0.010	-70.2	135	135	19	740	0.1	<0.05	<2	5	<0.004	<0.004	<0.5	2.1
MW-303D	April-96	10.6	190	1	11	1410	180	1.2	7	<0.002	55	130	360	360	700	0.086	0.021	<4	30	<0.01	<0.01	1.3	3.7
MW-303D	June-96	12	190	14	200	1350	250	<1	7.6	<0.002	84	120	130	33	720	0.1	<0.02	<4				7.4	2.1
MW-303D	Sept-96	11.7	370	15	190	1400	160	<1	7.7	<0.002	30	130	15	15	760	0.11	<0.02	<4				0.74	<2
MW-303D	Nov-96	11.3	200	<1	210	1320	160	1.6	7.9	<0.002	-45	160	14	720	0.21	<0.02	<4				0.74	<2	
MW-303D	March-97	9.5	220	11	27	1450	170	1.3	6.6	<0.002	180	74	30	740	0.078	0.057	<4		10	<0.01	<0.01	7	2.1
MW-303D	June-97	12.5	240	<2	220	1290	150	1.4	7.96	<0.002	555	120	<1	750	<0.03	0.03	<4				0.95	<2	
MW-303D	Sept-97	14	260	28	190	1200	170	2	7.1	<0.002	195	120	19	4800	0.28	0.11	<4				0.74	<2	
MW-303D	Dec-97	11.3	310	7	190	1320	170	1.5	7.63	<0.002	-60	120	80	690	0.5	0.02	<4				0.61	<2	
MW-303D	Mar-98	10.7	260	1	210	1280	190	1.1	7.84	<0.002	-20	120	435	770	0.22	0.029	<4				0.6	3.6	
MW-303D	June-98	16	240	<3	230	1180	180	1.3	6.72	<0.002	<100	120	45	650	0.2	0.054	18	<4	6	<0.01	<0.01	0.76	<1
MW-303D	Sept-98	12.7	240	8.8	220	1220	210	1.8	7.09	<0.002	-65	110	106	750	0.21	<0.02	<4				0.84	<1	
MW-303D	Dec-98	11.1	220	<1	240	1150	230	1.6	6.95	<0.002	-46	140	119	670	0.35	0.064	<4				0.64	<1	
MW-303D	Apr-99	10.4	210	<1	200	1320	180	1.4	7.92	<0.002	20	110	82	730	0.19	0.031	<4				0.74	2.2	
MW-303D	June-99	11.8	220	4.1	190	1240	260	1.2	7.6	<0.002	20	110	110	212	710	0.35	0.042	<4				0.9	1.9
MW-303D	Sept-99	14.4	280	11	140	1170	270	1.8	7.2	<0.002	245	98	206	680	0.47	0.028	<4				1	1.5	
MW-303D	Dec-99	10.9	260	6.7	150	1180	230	1.6	8.68	<0.002	40	110	247	660	0.70	0.679	<0.05	3			1.64	1.6	
MW-303D	Apr-00	10.2	257	<10	174	1160	203	1.6	7.66	<0.004	-102	97	5.9	670	0.679	0.552	<0.05	3			2.3	<1	
MW-303D	June-00	14.5	246	<10	180	910	198	1.5	7.68	<0.004	-113	92	18.8	682	0.578	0.058	<4				1.17	<1	
MW-303D	Sept-00	11.8	243	<10	180	1226	207	1.5	8.03	<0.004	-83	110	10	676	0.76	0.578	<0.05	3			<1	<1	
MW-303D	Dec-00	9.9	257	<10	152	1187	221	1.9	7.54	0.0063	-20	110	13	651	0.625	0.121	<3				1	<1	
MW-303D	Mar-01	10.5	267	<10	168	1164	187	1.3	7.48	<0.004	-121	110	3.5	650	0.607	0.134	<3				<0.01	1.29	
MW-303D	June-01	13.5	308	<10	188	1211	177	3.3	7.96	<0.004	-117	113	8	670	0.534	<0.1	<3				1.35	1.7	
MW-303D	Sept-01	15.6	368	<10	182	1225	204	1.4	7.82	<0.004	-123	100	2.55	677	0.737	<0.1	<3				1.68	1.53	
MW-303D	Dec-01	10.5	253	<10	148	1157	189	1.6	7.95	<0.004	-107	95.8	6.51	635	0.814	<0.1	<3				<1	1.4	
MW-303D	Mar-02	10.6	254	<10	135	1064	195	1.1	7.75	<0.004	-87	103	5.41	628	0.385	0.519	<3				<1	1.34	
MW-303D	June-02	13.5	250	<10	154	1077	193	2	8.09	<0.004	-54	103	5.9	872	0.434	0.239	<3				<1	1.65	
MW-303D	Sept-02	12.2	283	<10	151	1023	199	1	7	<0.004	-90.6	91.9	27.9	609	0.985	<0.1	<3				<0.005	<0.01	
MW-303D	Dec-02	10.7	287	<10	164	1102	215	1.1	7.71	<0.004	-61	103	5.7	676	1.15	<0.1	<3				1.59	1.59	
MW-303D	Apr-04	12.4	220	<10	45.6	1205	191	1.7	7.59	<0.004	-26	102	9.7	721	0.94	<0.1	<3				<0.005	<0.01	
MW-303D	June-05	16.2	214	20.5	180	684	197	1.74	8.01	<0.0100	109	127	18	720	<1.00	0.37	<4.00	30	<0.0100	<0.0100	<1.00	2.65	
MW-303D	Sept-06	22.3	200	12	180	258	180	1.8	7.79	<0.010	737	110	0	660	<1.0	0.44	<4.0				<0.010	0.41	

TABLE 11 - HISTORICAL ANALYTICAL DATA - WATER QUALITY PARAMETERS (EXISTING LANDFILL)

Monitoring Well	Sample Date	Temp (C)	ALK (mg/l)	COD (mg/l)	Cl ⁻ (mg/l)	Cond (umhos/cm)	Hard (mg/l)	TOC (mg/l)	pH (S.U.)	pH (field) (S.U.)	Phenols (mg/l)	Eh (mV)	SO4= ⁻ (mg/l)	Turb (NTU)	TDS (mg/l)	NH3 (mg/l)	NO3 ⁻ (mg/l)	BOD5 (mg/l)	Color (units)	CN ⁻ (mg/l)	Cr+6 (mg/l)	TKN (mg/l)	Bromide (mg/l)	
Class G Groundwater Quality																								
Standards and Guidance Values																								
					250				6.5-8.5		0.001		250		500	2	10			0.2	0.05		2	
MW-303S	Nov-94	13.5	743	39.1	45	907	1030	30	6.58	0.02	74.1	118	460	936	2.59	0.31	<2.0						2.05	2.85
MW-303S	March-95	10.5	682	20	37	664	874	<1	6.5	<0.010	125	120	265	892	1.04	0.2	<2						1.17	0.3
MW-303S	June-95	11.5	590	60.5	55	625	647	<1	6.44	<0.010	-63.3	148	465	900	2.09	0.14	<2						3.3	0.2
MW-303S	Sept. - 95	13.5	869	29.2	56	530	684	40	6.63	<0.010	-60.4	119	2600	952	4.47	<0.05	4						3.15	0.5
MW-303S	Nov-95	11	684	32.6	33	493	632	<1	6.52	<0.010	-39.3	130	300	900	0.97	<0.05	8				<0.004		1.26	<0.2
MW-303S	April-96	8.7	690	30	38	1770	920	4.2	6.5	<0.002	90	130	>900	900	0.81	0.03	23				<0.01		1.6	2.2
MW-303S	June-96	11.4	650	43	5	1440	680	2.6	6.3	<0.002	36	120	>900	880	2	<0.02	10						9.7	<2
MW-303S	Sept-96	13.1	1000	7.8	13	1600	730	21	6.3	<0.002	-15	130	24	900	2.2	<0.02	8.5				<0.01		6.7	<2
MW-303S	Nov-96	11.6	650	58	23	1470	660	4.3	6.45	<0.002	5	62	280	810	7.6	<0.02	11						9	<2
MW-303S	March-97	9	710	17	27	1650	660	3.8	5.8	<0.002	40	96	>999	790	5.7	<0.02	16			<0.01		<0.01	8.9	<2
MW-303S	June-97	12	280	57	28	1400	870	3.9	6.51	<0.002	150	87	>999	860	4.6	<0.02	<4						7.6	<2
MW-303S	Sept-97	14	700	21	32	1300	820	4.7	6.3	0.0044	-70	76	1200	810	12	0.026	9.8						10	<2
MW-303S	Dec-97	11	1200	47	27	1460	950	4.9	6.52	<0.002	-35	96	>999	820	11	<0.02	13						13	<2
MW-303S	Mar-98	10.2	860	15	22	1370	840	4.2	7.05	<0.002	85	100	>999	820	5.9	<0.02	9.8						8	3.6
MW-303S	June-98	15.8	640	<3	12	1120	650	3.9	6.14	<0.002	-75	51	819	610	5.7	0.024	11			<0.01		<0.01	8.3	<1
MW-303S	Sept-98	13.2	770	30	16	1260	980	4.8	6.36	<0.002	35	45	>999	780	7.1	<0.02	8.9						8	<1
MW-303S	Dec-98	9.6	630	160	20	1240	1400	4.9	6.8	<0.002	-45	27	942	710	8.1	<0.02	7.8						7.5	<1
MW-303S	Apr-99	10.5	630	13	30	1380	920	4.1	7.48	<0.002	-75	81	>999	780	3.4	<0.02	20						5.8	<0.1
MW-303S	June-99	12.6	660	23	28	1280	1100	4.1	7.02	0.0021	-35	65	>999	830	6.6	<0.02	15						8.1	<0.1
MW-303S	Sept-99	14.6	660	20	24	1320	1200	4.2	6.19	<0.002	65	98	>999	760	7.4	<0.02	12						8.9	0.21
MW-303S	Dec-99	12	1000	25	26	1410	1100	3.8	8.02	<0.002	45	94	60	773	4.36	<0.05	4			<0.01	<0.01	9	0.23	
MW-303S	Apr-00	9.7	636	<10	19.2	1240	653	3.2	6.81	<0.002	-29	89	60	773	4.36	<0.05	4					5.46	<1	
MW-303S	June-00	14.7	566	13.5	22	875	611	3.6	6.93	0.006	-84	30	121	650	4.31	<0.05	6					4.55	<1	
MW-303S	Sept-00	13.2	586	17.5	16.7	1136	543	3.6	6.77	<0.004	-43	12	29	616	3.9	<0.05	<3					3.96	<1	
MW-303S	Dec-00	10.4	637	<10	18.4	1206	625	<1	7	0.0042	-12	23	3.8	659	4.69	<0.05	<3					4.69	<1	
MW-303S	Mar-01	9.7	640	<10	19.9	1221	585	4.2	6.9	<0.004	-40	48	6.7	635	4.23	<0.05	5			<0.01		3.68	<1	
MW-303S	June-01	14.5	594	10.6	23	1226	559	5.9	6.65	<0.004	-74	25.5	5.5	640	4.39	<0.1	4					5.04	<1	
MW-303S	Sept-01	14.3	576	<10	21.7	1142	528	3	6.89	0.131	-188	15.9	90.3	621	3.72	<0.1	6					4.71	<1	
MW-303S	Dec-01	12.1	589	12.6	22.1	1245	587	2.8	6.91	<0.004	-82	22	24.9	686	4.46	<0.1	<3					4.11	<1	
MW-303S	Mar-02	10.9	746	<10	23.8	1185	597	3.1	6.79	<0.004	-48	41.2	8.62	702	4.99	<0.1	<3					3.32	<1	
MW-303S	June-02	12.6	607	<10	23.8	1226	587	4	7.04	<0.004	-71	32.5	5.7	712	5.14	<0.1	4					5.18	<0.1	
MW-303S	Sept-02	14	582	<10	21.6	1023	580	3.3	7	0.014	-86.3	21.3	4.85	710	4.86	<0.1	4			<0.005		0.012	4.74	<1
MW-303S	Dec-02	11.8	584	10.2	19.7	1157	564	3.3	6.76	<0.004	-82	11.9	10	588	4.52	<0.1	6					4.13	<1	
MW-303S	Apr-04	10.4	483	11	10.2	927	446	3.9	7.24	<0.004	104	<5.0	2.2	533	1.75	<0.1	5			<0.005	<0.01	3.4	<1	
MW-303S	June-05	17.4	476	35.3	7.7	904	447	4.42	7.55	<0.010	82	<5.00	31	516	<1.00	0.68	14.2			<0.0100	<0.010	1.32	<1.00	
MW-303S	Sept-06	16	430	17	10	237	430	5.3	6.94	<0.010	534	<5.0	3.7	500	1.4	<0.25	17			<0.010	<0.010	1.7	<1.00	

Class GA Groundwater Quality Standards and Guidance Values

TABLE 11 - HISTORICAL ANALYTICAL DATA - WATER QUALITY PARAMETERS (EXISTING LANDFILL)

Monitoring Well	Sample Date	Temp (C)	ALK (mg/l)	COD (mg/l)	Cl- (mg/l)	Cond (umhos/cm)	Hard (mg/l)	TOC (mg/l)	pH (S.U.)	pH (field)	Phenols (mg/l)	Eh (mV)	SO4= (mg/l)	Turb (NTU)	TDS (mg/l)	NH3 (mg/l)	NO3- (mg/l)	BOD5 (mg/l)	Color (units)	CN- (mg/l)	Cr+6 (mg/l)	TKN (mg/l)	Bromide (mg/l)	
Class GA Groundwater Quality Standards and Guidance Values																								
MW-304D	Nov-94	11.5	598	8.7	70	835	379	22	6.89	6.89	0.013	54.3	61.7	26	804	1.38	0.18	<2.0			0.2	0.05	1.02	3.6
MW-304D	March-95	11	569	10	66	512	722	5	6.88	<0.010	99.6	99.6	58.8	33	752	2.41	0.22	<2					1.17	0.8
MW-304D	June-95	13	537	14	50	574	528	<1	6.79	<0.010	-74.2	-74.2	63.4	62	844	1.73	0.24	<2					1.68	1.1
MW-304D	Sept-95	12	552	12.5	66	495	568	17	6.85	<0.010	-87.8	-87.8	58.4	45	816	2.13	<0.05	<2					1.28	0.8
MW-304D	Nov-95	10.5	572	8.2	64	512	581	<1	6.81	<0.010	-54.5	-54.5	51.6	64	760	1.15	<0.05	<2	25	<0.004	<0.004	<0.004	1.21	0.4
MW-304D	April-96	10	570	7.8	69	1380	770	2.9	7.1	<0.002	55	65	65	72	730	1.1	0.022	<4	100	<0.01	<0.01	2.2	1.9	
MW-304D	June-96	11.7	540	26	52	1260	570	2.1	6.8	0.0038	34	52	61	730	1.7	<0.02	<4					3.4	<2	
MW-304D	Sept-96	12.2	530	2.8	50	1200	430	2.3	6.7	<0.002	400	67	29	29	740	1.1	<0.02	<4				2.2	<2	
MW-304D	Nov-96	10.1	250	<1	68	691	320	2.3	7.46	<0.002	25	100	22	500	0.61	<0.02	<4			<0.01	<0.01	1.2	<2	
MW-304D	March-97	8.9	590	19	58	1320	460	4	7	<0.002	10	66	127	127	690	0.85	<0.02	<4	15	<0.01	<0.01	1.8	<2	
MW-304D	June-97	12.7	670	<1	50	1160	490	3.2	6.88	<0.002	125	74	<1	<1	710	1.3	<0.02	<4				2.2	<2	
MW-304D	Sept-97	12.8	590	<1	56	1100	460	3.4	7.2	0.0022	25	47	47	47	750	1.2	0.24	<4				0.71	<2	
MW-304D	Dec-97	10.9	530	<1	52	1110	480	3.1	7.21	<0.002	-5	63	63	48	700	1.2	<0.02	<4				1.4	<2	
MW-304D	Mar-98	11	490	2.2	58	1040	430	2.7	7.41	<0.002	55	61	61	113	650	0.91	<0.02	<4	35	<0.01	<0.01	1.9	<2	
MW-304D	June-98	15.4	540	3.6	47	1070	460	3.4	6.5	<0.002	-85	51	40	40	670	0.91	0.039	<4			<0.01	2.2	<1	
MW-304D	Sept-98	11.9	370	16	53	853	430	2.8	6.95	<0.002	230	45	110	110	550	0.61	<0.02	<4				1.2	<1	
MW-304D	Dec-98	11.1	190	<1	89	620	290	1.3	7.18	<0.002	110	66	122	122	360	0.092	0.06	4.2				0.38	<1	
MW-304D	Apr-99	11.3	410	<1	62	1100	380	3	7.03	<0.002	-95	55	55	149	620	1.5	<0.02	<4				1.6	0.54	
MW-304D	Jun-99	11.9	470	7.6	54	1070	580	2.7	7.02	0.0021	-5	52	52	133	620	1.3	<0.02	<4				2	0.42	
MW-304D	Sept-99	12.7	520	12	52	1090	530	3.1	6.75	<0.002	10	46	46	124	650	0.93	<0.02	<4				1.8	0.5	
MW-304D	Dec-99	10.8	420	6.6	58	1010	460	2.3	8.57	<0.002	45	51	51	215	560	0.92	<0.02	<4	25	<0.01	<0.03	1.3	0.52	
MW-304D	Apr-00	10.6	444	13.2	55.2	960	454	3.1	7.07	<0.004	-69	55	33	570	1.56	<0.05	<3			<0.01	<0.01	1.56	<1	
MW-304D	Jun-00	13.8	358	<10	53.6	725	308	2.5	7.29	<0.004	-97	34	12	28.2	567	1.33	0.745	<3	100	<0.01	<0.01	1.64	<1	
MW-304D	Sept-00	11.2	402	<10	50.3	904	365	1.6	7.07	<0.004	-71	34	12	473	1.04	<0.05	<3				<1	<1		
MW-304D	Dec-00	10.1	233	<10	48.9	697	241	1.2	7.62	0.0077	-29	43	5.9	609	0.331	<0.05	<3				1.17	<1		
MW-304D	Mar-01	11.1	510	<10	47	1155	491	3.8	7.07	0.0043	-56	33	3.8	618	2.1	<0.05	<3			<0.01	<0.01	1.07	<1	
MW-304D	Jun-01	12.3	237	<10	50.3	1019	419	3.7	7	<0.004	-63	45	19	559	1.88	<0.1	<3				2.69	<1		
MW-304D	Sept-01	12.9	233	<10	57.2	736	341	1.5	7.41	<0.004	-86	51.5	23.3	444	0.701	<0.1	<3				1.01	<1		
MW-304D	Dec-01	11.1	178	<10	65.3	714	257	<1	7.16	<0.004	-100	57	5.3	385	0.296	<0.1	<3			<1	<1	<1	<1	
MW-304D	Mar-02	9.7	196	<10	65.5	556	243	<1	7.31	<0.004	-71	60	7.7	383	0.329	<0.1	<3			<1	<1	<1	<1	
MW-304D	Jun-02	12.7	242	<10	61.5	723	316	1.9	7.31	<0.004	-72	59.9	10.7	406	0.897	<0.1	<3				1.14	<1		
MW-304D	Sept-02	12.2	169	<10	58.6	648	225	1.6	7.56	<0.004	88.6	52	3.19	400	0.384	<0.1	<3			<0.005	<0.01	<1	<1	
MW-304D	Dec-02	10	212	<10	69.6	9.5	224	1.1	7.76	0.004	-47	63.5	26.12	372	0.166	<0.1	<3	30	<0.005	<0.01	<1	<1		
MW-304D	Apr-04	12.1	162	<10	55.2	613	202	1.2	7.64	<0.004	41	55.1	3.7	383	0.166	<0.1	<3			<0.005	<0.01	<1	<1	
MW-304D	Jun-05	19.8	149	<10.0	58	570	216	1.31	8.47	<0.0100	135	61.6	9	432	1.68	<0.25	<4.00	20	<0.0100	<0.010	<0.010	<1.00	<2.00	
MW-304D	Sept-06	13	210	12	52	279	340	3.3	7.73	<0.010	481	170	170	0.24	580	3.3	<0.25	<4.00	30	<0.010	<0.010	1.9	<1.0	

TABLE 11 - HISTORICAL ANALYTICAL DATA - WATER QUALITY PARAMETERS (EXISTING LANDFILL)

Monitoring Well	Sample Date	Temp (C)	ALK (mg/l)	COD (mg/l)	Cl- (mg/l)	Cond (umhos/cm)	Hard (mg/l)	TOC (mg/l)	pH (S.U.)	pH (field)	Phenols (mg/l)	Eh (mV)	SO4= (mg/l)	Turb (NTU)	TDS (mg/l)	NH3 (mg/l)	NO3- (mg/l)	BOD5 (mg/l)	Color (units)	CN- (mg/l)	Cr+6 (mg/l)	TKN (mg/l)	Bromide (mg/l)
Class GA Groundwater Quality Standards and Guidance Values																							
MW-304S	Nov-04	12	852	30.4	29	893	494	33	6.75	0.013	69.1	77	884	660	884	0.49	0.37	<2.0		0.3	0.65	1.53	4.9
MW-304S	March-05	10.5	824	20	25	657	966	3	6.73	<0.010	101.7	82.5	904	530	904	0.33	0.31	<2		0.36		0.56	<0.2
MW-304S	June-05	12.5	606	18.6	450	585	718	<1	6.57	<0.010	-77.7	89.4	844	380	844	0.37	0.25	<2		0.69		0.69	<0.2
MW-304S	Sept-05	11.5	806	45.8	30	497	846	<1	6.84	<0.010	-80.1	89.4	920	1500	920	0.4	0.06	<2		1.09		1.09	0.5
MW-304S	Nov-05	10	772	12.2	28	516	669	<1	6.85	<0.010	-41.7	87.3	870	550	916	0.1	0.08	<2	15	<0.004	<0.004	<0.004	0.3
MW-304S	April-06	10.1	800	75	30	1500	550	3.7	6.8	<0.002	45	83	220	870	220	0.24	<0.02	<4	500	<0.01	<0.01	<0.01	3
MW-304S	June-06	11.6	700	16	14	1480	890	2.8	6.7	0.0041	70	52	>900	900	900	0.14	<0.02	<4				5.1	<2
MW-304S	Sept-06	12.1	590	130	28	1400	730	5.3	6.5	<0.002	402	45	24	860	860	0.31	<0.02	<4				0.83	<2
MW-304S	Nov-06	10.4	710	60	23	1440	900	5.3	6.74	<0.002	-10	560	220	840	840	0.25	<0.02	<4	15	<0.01	<0.01	0.77	<2
MW-304S	March-07	10	750	21	45	1450	730	7	6.7	<0.002	-5	90	171	860	860	0.086	<0.02	<4				0.59	<2
MW-304S	June-07	12.5	770	<1	29	1340	1100	4	6.6	<0.002	45	130	>999	870	870	0.24	<0.02	<4				1.1	<2
MW-304S	Sept-07	12.8	780	40	25	1200	990	4	6.9	<0.002	25	45	140	>999	870	0.29	<0.02	<4				0.78	<2
MW-304S	Dec-07	11.3	740	<1	24	1340	920	5.3	6.95	<0.002	-30	71	52	>999	800	0.26	<0.02	<4				0.91	<2
MW-304S	Mar-08	10.3	750	19	26	1300	910	3.8	7.2	<0.002	110	40	>999	790	790	0.23	<0.02	<4	40	<0.01	<0.01	0.68	<1
MW-304S	June-08	14.8	830	14	20	1260	770	3.8	6.38	<0.002	-75	28	>999	830	830	0.26	<0.02	<4				0.61	<1
MW-304S	Sept-08	12.3	730	130	20	1240	1400	4.7	6.43	<0.002	-65	28	>999	730	730	0.21	<0.02	<4				0.51	<1
MW-304S	Dec-08	10.9	650	110	13	1210	1300	4.2	6.46	<0.002	-50	20	>999	770	770	0.39	<0.02	<4				0.95	<0.1
MW-304S	Apr-09	11.7	590	34	26	1340	1300	4.6	7.27	<0.002	-80	37	>999	750	750	0.33	<0.02	<4				0.99	<0.1
MW-304S	June-09	11.5	680	31	24	1270	1300	3.9	6.74	0.002	-10	29	>999	770	770	0.27	<0.02	<4				0.94	0.22
MW-304S	Sept-09	12.7	720	34	25	1220	1200	4	6.51	<0.002	15	29	>999	750	750	0.28	<0.02	<4				0.96	0.17
MW-304S	Dec-09	10.9	780	29	25	1260	1300	4	8.17	<0.002	75	24	>999	750	750	0.353	<0.05	<3	25	<0.01	<0.01	<1	<1
MW-304S	Apr-00	10.6	688	12.5	27.6	1210	830	3.7	6.94	<0.004	-81	26	19	750	750	0.31	<0.05	<3	1500	<0.01	<0.01	<1	<1
MW-304S	June-00	12.8	668	<10	25.8	925	675	3	7.12	<0.004	-97	14	13.3	730	730	0.492	<0.05	<3				1.63	<1
MW-304S	Sept-00	10.7	639	<10	25	1258	713	3.9	6.93	0.0062	-51	9	190	729	729	0.639	<0.05	<3				<1	<1
MW-304S	Dec-00	10.6	671	<10	24.6	1215	583	<1	7	<0.004	-10	11	12	659	659	0.595	<0.05	<3				<1	<1
MW-304S	Mar-01	11.3	528	<10	24.5	1225	583	4.4	7.02	<0.004	-45	11	12	659	659	0.479	<0.1	<3				<1	<1
MW-304S	June-01	12.4	650	11.2	26.6	1229	621	5.8	6.78	<0.004	-78	5.21	27	691	691	0.479	<0.1	<3				1.35	<1
MW-304S	Sept-01	12.9	519	<10	25.9	1227	624	2.9	6.87	<0.004	-75	5.33	24.1	698	698	0.656	<0.1	<3				<1	<1
MW-304S	Dec-01	11.4	640	<10	27.4	1205	641	2.8	6.93	<0.004	-60	<5	15	691	691	0.473	<0.1	<3				<1	<1
MW-304S	Mar-02	10.4	746	<10	65.1	1006	629	3.1	6.8	<0.004	-12	59.5	0.8	712	712	0.528	<0.1	<3				<1	<1
MW-304S	June-02	12.7	674	<10	26.6	1204	591	4.2	7.01	<0.004	-48	8.33	2.4	689	689	0.58	<0.1	<3				<1	<1
MW-304S	Sept-02	12.1	654	<10	27.4	1173	594	2.6	6.91	<0.004	-62.4	<5	0.97	701	701	0.589	<0.1	<3	60	<0.005	<0.01	<1	<1
MW-304S	Dec-02	6.9	630	<10	31	1198	608	3	6.87	<0.004	-48	5.91	10	719	719	0.701	<0.1	<3				1.21	<1
MW-304S	Apr-04	12.2	549	<10	26.1	1116	503	3.6	7.25	<0.004	38	<5.01	2	660	660	0.734	<0.1	<3	25	<0.005	<0.01	<1	<1
MW-304S	June-05	17.4	536	26.4	28	851	569	7.04	7.35	<0.0100	173	9.48	30	618	618	<1.00	0.6	<4.00	300	<0.0100	<0.010	<1.00	<1.00
MW-304S	Sept-06	17.9	490	15	18	218	500	4.6	7.41	<0.010	624	12	11	560	560	<1.0	0.42	6	750	<0.010	<0.010	1.3	<1.0

TABLE 11 - HISTORICAL ANALYTICAL DATA - WATER QUALITY PARAMETERS (EXISTING LANDFILL)

Monitoring Well	Sample Date	Temp (C)	ALK (mg/l)	COD (mg/l)	Cl- (mg/l)	Cond (umhos/cm)	Hard (mg/l)	TOC (mg/l)	pH (S.U.)	pH (field) (S.U.)	Phenols (mg/l)	Eh (mV)	SO4= (mg/l)	Turb (NTU)	TDS (mg/l)	NH3 (mg/l)	NO3- (mg/l)	BOD5 (mg/l)	Color (units)	CN- (mg/l)	Cr+6 (mg/l)	TKN (mg/l)	Bromide (mg/l)
Class GA Groundwater Quality Standards and Guidance Values																							
					250				6.5-8.5		0.001		250		500	2	10			0.2	0.05		2
MW-304VS Nov-94		12.5	658	34.8	400	1176	983	24	6.81	<0.010	188.1	85.2	1800	1800	1564	0.25	0.09	6.2				0.69	4.35
MW-304VS March-95		9	828	45	840	921	1600	5	6.71	<0.010	124.7	85.8	860	860	2640	0.31	0.24	5				0.84	<0.2
MW-304VS June-95		15	448	46.5	740	895	478	<1	6.64	<0.010	7.4	66.3	540	540	2392	0.2	0.26	<2				1.09	<0.2
MW-304VS Sept-95		17.5	567	33.3	465	822	719	<1	6.57	<0.010	62.2	63.4	1300	1420	1420	0.21	0.07	<2				0.69	1.3
MW-304VS Nov-95		8.5	568	32.6	355	721	545	<1	6.79	<0.010	113.5	72	770	770	1160	0.03	<0.05	<2	10	<0.004	<0.004	<0.5	<0.2
MW-304VS April-96		5.1	590	120	11	1720	600	6.4	7.4	<0.002	135	61	>900	>900	930	0.17	0.022	5.4	750	<0.01	<0.01	2.6	3.1
MW-304VS June-96		14.7	440	150	220	1580	500	5	7	0.0058	170	79	>900	>900	880	0.094	<0.02	4				6.9	<2
MW-304VS Sept-96		16.8	550	100	180	2200	670	4.8	6.8	<0.002	388	<200	24	920	920	0.18	<0.02	<4				0.72	<2
MW-304VS Nov-96		9.6	480	63	190	1780	630	5.8	6.97	<0.002	165	11	290	290	870	0.12	<0.02	<4	10	<0.01	<0.01	0.71	<2
MW-304VS March-97		4.7	400	55	600	2780	670	3.9	7.1	<0.002	70	61	50	>999	1700	0.14	<0.02	<4				1.4	<2
MW-304VS June-97		14.8	480	<1	830	3390	1400	4.6	6.77	0.0031	190	120	>999	>999	2800	0.076	0.27	4				0.83	<2
MW-304VS Sept-97		16.5	740	21	480	2500	1200	5.2	7	<0.002	200	41	840	840	720	0.19	0.098	<4				1	<2
MW-304VS Dec-97		9.1	450	<1	280	2230	1100	5.9	7.05	<0.002	25	42	>999	>999	1200	0.13	<0.02	4				1.4	<2
MW-304VS Mar-98		5.2	490	13	340	1920	670	4.7	7.75	<0.002	345	45	134	>999	1000	0.11	0.025	<4	12	<0.01	<0.01	1	<1
MW-304VS June-98		16.8	550	17	250	1490	580	4.9	6.65	<0.002	-15	28	>999	>999	860	0.2	0.052	<4				<1	<1
MW-304VS Sept-98	Location Not Sampled																						
MW-304VS Dec-98		10.2	430	93	220	1300	840	5	7.01	<0.002	25	23	>999	>999	800	0.049	0.1	<4				0.63	<1
MW-304VS Apr-99		8	410	9.1	140	1340	540	4.5	6.87	<0.002	180	45	933	933	740	0.032	<0.02	<4				0.58	<0.1
MW-304VS Jun-99		13.1	460	18	110	1220	680	4.7	7.33	<0.002	140	43	390	390	660	0.22	0.03	<4				1.3	<0.1
MW-304VS Sept-99		17.7	440	15	250	1330	530	4.7	6.39	<0.002	5.45	42	>999	>999	940	0.22	0.048	<4				0.78	<0.1
MW-304VS Dec-99		9.1	400	19	180	1390	760	4.2	8.75	<0.002	340	39	>999	>999	860	0.076	0.036	<4	1	<0.01	<0.05	0.99	<0.1
MW-304VS Apr-00		7.8	365	70.8	748	275	890	4.9	7.03	<0.004	-33	64	15	1820	2110	0.344	0.057	6	750	<0.01	<0.01	1.1	<1
MW-304VS Jun-00		16.7	326	<10	753	2300	962	4	7.3	<0.004	-68	43	45	19	1400	0.403	<0.05	<3				2.26	<1
MW-304VS Sep-00		15.6	383	30.1	560	2450	630	9.1	7.03	<0.004	28	45	19	1400	0.347	<0.05	<3				<1	<1	
MW-304VS Dec-00		6	376	<10	82.8	2050	535	8.2	7.52	<0.004	71	61	3.7	1120	0.3	<0.05	<3				<1	<1	
MW-304VS Mar-01		5.1	361	10.1	409	1888	427	4.8	7.27	0.0087	-30	54	4.6	1200	0.25	<0.05	<4				<1	<1	
MW-304VS Jun-01		15.7	378	12.9	473	2120	510	7	7.22	<0.004	52	41	35	4.85	1050	0.496	<0.1	6	125	<0.01	<0.01	1.68	<1
MW-304VS Sept-01		18.5	313	<10	385	1980	699	3.9	7.14	<0.004	41	35	4.85	1050	0.496	<0.1	<3				2.69	<1	
MW-304VS Dec-01		10.5	386	<10	390	1809	518	3.6	7.47	<0.004	-20	35	9.63	1040	0.16	<0.1	<3				<1	<1	
MW-304VS Mar-02		5.2	342	<10	342	1434	465	4.6	7.32	<0.004	75	30.1	550	1000	0.283	<0.1	<3				<1	<1	
MW-304VS Jun-02		15.2	412	<10	259	1721	328	5.1	7.45	<0.004	16	28.9	5.9	635	0.323	<0.1	<3				<1	<1	
MW-304VS Sept-02		18.3	403	<10	356	1421	371	4.1	7.46	<0.004	-110.7	29.9	6.65	946	0.155	<0.1	<3				<1	<1	
MW-304VS Dec-02		7.8	386	<10	311	1427	467	3.8	7.5	<0.004	18	25.7	550	891	0.267	<0.1	<3				<1	<1	
MW-304VS Apr-04		11	371	12	150	1065	239	3.7	8.34	<0.004	130	23.8	163	655	0.281	<0.1	<3				<1	<1	
MW-304VS Jun-05	Sampling Location Dry	20	320	59	30	254	500	5.3	7.43	<0.010	855	84	500	920	<1.0	<0.25	<4.0				0.016	1.6	<1.0
MW-304VS Sep-06																							

TABLE 12. HISTORICAL GROUNDWATER ANALYTICAL DATA - METAL PARAMETERS

[illegible]

TABLE 12 - HISTORICAL GROUNDWATER ANALYTICAL DATA - METAL PARAMETERS

Sample	4-1	4-2	4-3	4-4	4-5	4-6	4-7	4-8	4-9	4-10	4-11	4-12	4-13	4-14	4-15	4-16	4-17	4-18	4-19	4-20	4-21	4-22	4-23	4-24	4-25	4-26	4-27	4-28	4-29	4-30	4-31	4-32	4-33	4-34	4-35	4-36	4-37	4-38	4-39	4-40	4-41	4-42	4-43	4-44	4-45	4-46	4-47	4-48	4-49	4-50	4-51	4-52	4-53	4-54	4-55	4-56	4-57	4-58	4-59	4-60	4-61	4-62	4-63	4-64	4-65	4-66	4-67	4-68	4-69	4-70	4-71	4-72	4-73	4-74	4-75	4-76	4-77	4-78	4-79	4-80	4-81	4-82	4-83	4-84	4-85	4-86	4-87	4-88	4-89	4-90	4-91	4-92	4-93	4-94	4-95	4-96	4-97	4-98	4-99	4-100	4-101	4-102	4-103	4-104	4-105	4-106	4-107	4-108	4-109	4-110	4-111	4-112	4-113	4-114	4-115	4-116	4-117	4-118	4-119	4-120	4-121	4-122	4-123	4-124	4-125	4-126	4-127	4-128	4-129	4-130	4-131	4-132	4-133	4-134	4-135	4-136	4-137	4-138	4-139	4-140	4-141	4-142	4-143	4-144	4-145	4-146	4-147	4-148	4-149	4-150	4-151	4-152	4-153	4-154	4-155	4-156	4-157	4-158	4-159	4-160	4-161	4-162	4-163	4-164	4-165	4-166	4-167	4-168	4-169	4-170	4-171	4-172	4-173	4-174	4-175	4-176	4-177	4-178	4-179	4-180	4-181	4-182	4-183	4-184	4-185	4-186	4-187	4-188	4-189	4-190	4-191	4-192	4-193	4-194	4-195	4-196	4-197	4-198	4-199	4-200	4-201	4-202	4-203	4-204	4-205	4-206	4-207	4-208	4-209	4-210	4-211	4-212	4-213	4-214	4-215	4-216	4-217	4-218	4-219	4-220	4-221	4-222	4-223	4-224	4-225	4-226	4-227	4-228	4-229	4-230	4-231	4-232	4-233	4-234	4-235	4-236	4-237	4-238	4-239	4-240	4-241	4-242	4-243	4-244	4-245	4-246	4-247	4-248	4-249	4-250	4-251	4-252	4-253	4-254	4-255	4-256	4-257	4-258	4-259	4-260	4-261	4-262	4-263	4-264	4-265	4-266	4-267	4-268	4-269	4-270	4-271	4-272	4-273	4-274	4-275	4-276	4-277	4-278	4-279	4-280	4-281	4-282	4-283	4-284	4-285	4-286	4-287	4-288	4-289	4-290	4-291	4-292	4-293	4-294	4-295	4-296	4-297	4-298	4-299	4-300	4-301	4-302	4-303	4-304	4-305	4-306	4-307	4-308	4-309	4-310	4-311	4-312	4-313	4-314	4-315	4-316	4-317	4-318	4-319	4-320	4-321	4-322	4-323	4-324	4-325	4-326	4-327	4-328	4-329	4-330	4-331	4-332	4-333	4-334	4-335	4-336	4-337	4-338	4-339	4-340	4-341	4-342	4-343	4-344	4-345	4-346	4-347	4-348	4-349	4-350	4-351	4-352	4-353	4-354	4-355	4-356	4-357	4-358	4-359	4-360	4-361	4-362	4-363	4-364	4-365	4-366	4-367	4-368	4-369	4-370	4-371	4-372	4-373	4-374	4-375	4-376	4-377	4-378	4-379	4-380	4-381	4-382	4-383	4-384	4-385	4-386	4-387	4-388	4-389	4-390	4-391	4-392	4-393	4-394	4-395	4-396	4-397	4-398	4-399	4-400	4-401	4-402	4-403	4-404	4-405	4-406	4-407	4-408	4-409	4-410	4-411	4-412	4-413	4-414	4-415	4-416	4-417	4-418	4-419	4-420	4-421	4-422	4-423	4-424	4-425	4-426	4-427	4-428	4-429	4-430	4-431	4-432	4-433	4-434	4-435	4-436	4-437	4-438	4-439	4-440	4-441	4-442	4-443	4-444	4-445	4-446	4-447	4-448	4-449	4-450	4-451	4-452	4-453	4-454	4-455	4-456	4-457	4-458	4-459	4-460	4-461	4-462	4-463	4-464	4-465	4-466	4-467	4-468	4-469	4-470	4-471	4-472	4-473	4-474	4-475	4-476	4-477	4-478	4-479	4-480	4-481	4-482	4-483	4-484	4-485	4-486	4-487	4-488	4-489	4-490	4-491	4-492	4-493	4-494	4-495	4-496	4-497	4-498	4-499	4-500	4-501	4-502	4-503	4-504	4-505	4-506	4-507	4-508	4-509	4-510	4-511	4-512	4-513	4-514	4-515	4-516	4-517	4-518	4-519	4-520	4-521	4-522	4-523	4-524	4-525	4-526	4-527	4-528	4-529	4-530	4-531	4-532	4-533	4-534	4-535	4-536	4-537	4-538	4-539	4-540	4-541	4-542	4-543	4-544	4-545	4-546	4-547	4-548	4-549	4-550	4-551	4-552	4-553	4-554	4-555	4-556	4-557	4-558	4-559	4-560	4-561	4-562	4-563	4-564	4-565	4-566	4-567	4-568	4-569	4-570	4-571	4-572	4-573	4-574	4-575	4-576	4-577	4-578	4-579	4-580	4-581	4-582	4-583	4-584	4-585	4-586	4-587	4-588	4-589	4-590	4-591	4-592	4-593	4-594	4-595	4-596	4-597	4-598	4-599	4-600	4-601	4-602	4-603	4-604	4-605	4-606	4-607	4-608	4-609	4-610	4-611	4-612	4-613	4-614	4-615	4-616	4-617	4-618	4-619	4-620	4-621	4-622	4-623	4-624	4-625	4-626	4-627	4-628	4-629	4-630	4-631	4-632	4-633	4-634	4-635	4-636	4-637	4-638	4-639	4-640	4-641	4-642	4-643	4-644	4-645	4-646	4-647	4-648	4-649	4-650	4-651	4-652	4-653	4-654	4-655	4-656	4-657	4-658	4-659	4-660	4-661	4-662	4-663	4-664	4-665	4-666	4-667	4-668	4-669	4-670	4-671	4-672	4-673	4-674	4-675	4-676	4-677	4-678	4-679	4-680	4-681	4-682	4-683	4-684	4-685	4-686	4-687	4-688	4-689	4-690	4-691	4-692	4-693	4-694	4-695	4-696	4-697	4-698	4-699	4-700	4-701	4-702	4-703	4-704	4-705	4-706	4-707	4-708	4-709	4-710	4-711	4-712	4-713	4-714	4-715	4-716	4-717	4-718	4-719	4-720	4-721	4-722	4-723	4-724	4-725	4-726	4-727	4-728	4-729	4-730	4-731	4-732	4-733	4-734	4-735	4-736	4-737	4-738	4-739	4-740	4-741	4-742	4-743	4-744	4-745	4-746	4-747	4-748	4-749	4-750	4-751	4-752	4-753	4-754	4-755	4-756	4-757	4-758	4-759	4-760	4-761	4-762	4-763	4-764	4-765	4-766	4-767	4-768	4-769	4-770	4-771	4-772	4-773	4-774	4-775	4-776	4-777	4-778	4-779	4-780	4-781	4-782	4-783	4-784	4-785	4-786	4-787	4-788	4-789	4-790	4-791	4-792	4-793	4-794	4-795	4-796	4-797	4-798	4-799	4-800	4-801	4-802	4-803	4-804	4-805	4-806	4-807	4-808	4-809	4-810	4-811	4-812	4-813	4-814	4-815	4-816	4-817	4-818	4-819	4-820	4-821	4-822	4-823	4-824	4-825	4-826	4-827	4-828	4-829	4-830	4-831	4-832	4-833	4-834	4-835	4-836	4-837	4-838	4-839	4-840	4-841	4-842	4-843	4-844	4-845	4-846	4-847	4-848	4-849	4-850	4-851	4-852	4-853	4-854	4-855	4-856	4-857	4-858	4-859	4-860	4-861	4-862	4-863	4-864	4-865	4-866	4-867	4-868	4-869	4-870	4-871	4-872	4-873	4-874	4-875	4-876	4-877	4-878	4-879	4-880	4-881	4-882	4-883	4-884	4-885	4-886	4-887	4-888	4-889	4-890	4-891	4-892	4-893	4-894	4-895	4-896	4-897	4-898	4-899	4-900	4-901	4-902	4-903	4-904	4-905	4-906	4-907	4-908	4-909	4-910	4-911	4-912	4-913	4-914	4-915	4-916	4-917	4-918	4-919	4-920	4-921	4-922	4-923	4-924	4-925	4-926	4-927	4-928	4-929	4-930	4-931	4-932	4-933	4-934	4-935	4-936	4-937	4-938	4-939	4-940	4-941	4-942	4-943	4-944	4-945	4-946	4-947	4-948	4-949	4-950	4-951	4-952	4-953	4-954	4-955	4-956	4-957	4-958	4-959	4-960	4-961	4-962	4-963	4-964	4-965	4-966	4-967	4-968	4-969	4-970	4-971	4-972	4-973	4-974	4-975	4-976	4-977	4-978	4-979	4-980	4-981	4-982	4-983	4-984	4-985	4-986	4-987	4-988	4-989	4-990	4-991	4-992	4-993	4-994	4-995	4-996	4-997	4-998	4-999	4-1000	4-1001	4-1002	4-1003	4-1004	4-1005	4-1006	4-1007	4-1008	4-1009	4-1010	4-1011	4-1012	4-1013	4-1014	4-1015	4-1016	4-1017	4-1018	4-1019	4-1020	4-1021	4-1022	4-1023	4-1024	4-1025	4-1026	4-1027	4-1028	4-1029	4-1030	4-1031	4-1032	4-1033	4-1034	4-1035	4-1036	4-1037	4-1038	4-1039	4-1040	4-1041	4-1042	4-1043	4-1044	4-1045	4-1046	4-1047	4-1048	4-1049	4-1050	4-1051	4-1052	4-1053	4-1054	4-1055	4-1056	4-1057	4-1058	4-1059	4-1060	4-1061	4-1062	4-1063	4-1064	4-1065	4-1066	4-1067	4-1068	4-1069	4-1070	4-1071	4-1072	4-1073	4-1074	4-1075	4-1076	4-1077	4-1078	4-1079	4-1080	4-1081	4-1082	4-1083	4-1084	4-1085	4-1086	4-1087	4-1088	4-1089	4-1090	4-1091	4-1092	4-1093	4-1094	4-1095	4-1096	4-1097	4-1098	4-1099	4-1100	4-1101	4-1102	4-1103	4-1104	4-1105	4-1106	4-1107	4-1108	4-1109	4-1110	4-1111	4-1112	4-1113	4-1114	4-1115	4-1116	4-1117	4-1118	4-1119	4-1120	4-1121	4-1122	4-1123	4-1124	4-1125	4-1126	4-1127	4-1128	4-1129	4-1130	4-1131	4-1132	4-1133	4-1134	4-1135	4-1136	4-1137	4-1138	4-1139	4-1140	4-1141	4-1142	4-1143	4-1144	4-1145	4-1146	4-1147	4-1148	4-1149	4-1150	4-1151	4-1152	4-1153	4-1154	4-1155	4-1156	4-1157	4-1158	4-1159	4-1160	4-1161	4-1162	4-1163	4-1164	4-1165	4-1166	4-1167	4-1168	4-1169	4-1170	4-1171	4-1172	4-1173	4-1174	4-1175	4-1176	4-1177	4-1178	4-1179	4-1180	4-1181	4-1182	4-1183	4-1184	4-1185	4-1186	4-1187	4-1188	4-1189	4-1190	4-1191	4-1192	4-1193	4-1194	4-1195	4-1196	4-1197	4-1198	4-1199	4-1200	4-1201	4-1202	4-1203	4-1204	4-1205	4-1206	4-1207	4-1208	4-1209	4-1210	4-1211	4-1212	4-1213	4-1214	4-1215	4-1216	4-1217	4-1218	4-1219	4-1220	4-1221	4-1222	4-1223	4-1224	4-1225	4-12
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TABLE 12. HISTORICAL GROUNDWATER ANALYTICAL DATA - METAL PARAMETERS

Sample	4-1	4-10	4-11	4-12	4-13	4-14	4-15	4-16	4-17	4-18	4-19	4-20	4-21	4-22	4-23	4-24	4-25	4-26	4-27	4-28	4-29	4-30	4-31	4-32	4-33	4-34	4-35	4-36	4-37	4-38	4-39	4-40	4-41	4-42	4-43	4-44	4-45	4-46	4-47	4-48	4-49	4-50	4-51	4-52	4-53	4-54	4-55	4-56	4-57	4-58	4-59	4-60	4-61	4-62	4-63	4-64	4-65	4-66	4-67	4-68	4-69	4-70	4-71	4-72	4-73	4-74	4-75	4-76	4-77	4-78	4-79	4-80	4-81	4-82	4-83	4-84	4-85	4-86	4-87	4-88	4-89	4-90	4-91	4-92	4-93	4-94	4-95	4-96	4-97	4-98	4-99	4-100	4-101	4-102	4-103	4-104	4-105	4-106	4-107	4-108	4-109	4-110	4-111	4-112	4-113	4-114	4-115	4-116	4-117	4-118	4-119	4-120	4-121	4-122	4-123	4-124	4-125	4-126	4-127	4-128	4-129	4-130	4-131	4-132	4-133	4-134	4-135	4-136	4-137	4-138	4-139	4-140	4-141	4-142	4-143	4-144	4-145	4-146	4-147	4-148	4-149	4-150	4-151	4-152	4-153	4-154	4-155	4-156	4-157	4-158	4-159	4-160	4-161	4-162	4-163	4-164	4-165	4-166	4-167	4-168	4-169	4-170	4-171	4-172	4-173	4-174	4-175	4-176	4-177	4-178	4-179	4-180	4-181	4-182	4-183	4-184	4-185	4-186	4-187	4-188	4-189	4-190	4-191	4-192	4-193	4-194	4-195	4-196	4-197	4-198	4-199	4-200	4-201	4-202	4-203	4-204	4-205	4-206	4-207	4-208	4-209	4-210	4-211	4-212	4-213	4-214	4-215	4-216	4-217	4-218	4-219	4-220	4-221	4-222	4-223	4-224	4-225	4-226	4-227	4-228	4-229	4-230	4-231	4-232	4-233	4-234	4-235	4-236	4-237	4-238	4-239	4-240	4-241	4-242	4-243	4-244	4-245	4-246	4-247	4-248	4-249	4-250	4-251	4-252	4-253	4-254	4-255	4-256	4-257	4-258	4-259	4-260	4-261	4-262	4-263	4-264	4-265	4-266	4-267	4-268	4-269	4-270	4-271	4-272	4-273	4-274	4-275	4-276	4-277	4-278	4-279	4-280	4-281	4-282	4-283	4-284	4-285	4-286	4-287	4-288	4-289	4-290	4-291	4-292	4-293	4-294	4-295	4-296	4-297	4-298	4-299	4-300	4-301	4-302	4-303	4-304	4-305	4-306	4-307	4-308	4-309	4-310	4-311	4-312	4-313	4-314	4-315	4-316	4-317	4-318	4-319	4-320	4-321	4-322	4-323	4-324	4-325	4-326	4-327	4-328	4-329	4-330	4-331	4-332	4-333	4-334	4-335	4-336	4-337	4-338	4-339	4-340	4-341	4-342	4-343	4-344	4-345	4-346	4-347	4-348	4-349	4-350	4-351	4-352	4-353	4-354	4-355	4-356	4-357	4-358	4-359	4-360	4-361	4-362	4-363	4-364	4-365	4-366	4-367	4-368	4-369	4-370	4-371	4-372	4-373	4-374	4-375	4-376	4-377	4-378	4-379	4-380	4-381	4-382	4-383	4-384	4-385	4-386	4-387	4-388	4-389	4-390	4-391	4-392	4-393	4-394	4-395	4-396	4-397	4-398	4-399	4-400	4-401	4-402	4-403	4-404	4-405	4-406	4-407	4-408	4-409	4-410	4-411	4-412	4-413	4-414	4-415	4-416	4-417	4-418	4-419	4-420	4-421	4-422	4-423	4-424	4-425	4-426	4-427	4-428	4-429	4-430	4-431	4-432	4-433	4-434	4-435	4-436	4-437	4-438	4-439	4-440	4-441	4-442	4-443	4-444	4-445	4-446	4-447	4-448	4-449	4-450	4-451	4-452	4-453	4-454	4-455	4-456	4-457	4-458	4-459	4-460	4-461	4-462	4-463	4-464	4-465	4-466	4-467	4-468	4-469	4-470	4-471	4-472	4-473	4-474	4-475	4-476	4-477	4-478	4-479	4-480	4-481	4-482	4-483	4-484	4-485	4-486	4-487	4-488	4-489	4-490	4-491	4-492	4-493	4-494	4-495	4-496	4-497	4-498	4-499	4-500	4-501	4-502	4-503	4-504	4-505	4-506	4-507	4-508	4-509	4-510	4-511	4-512	4-513	4-514	4-515	4-516	4-517	4-518	4-519	4-520	4-521	4-522	4-523	4-524	4-525	4-526	4-527	4-528	4-529	4-530	4-531	4-532	4-533	4-534	4-535	4-536	4-537	4-538	4-539	4-540	4-541	4-542	4-543	4-544	4-545	4-546	4-547	4-548	4-549	4-550	4-551	4-552	4-553	4-554	4-555	4-556	4-557	4-558	4-559	4-560	4-561	4-562	4-563	4-564	4-565	4-566	4-567	4-568	4-569	4-570	4-571	4-572	4-573	4-574	4-575	4-576	4-577	4-578	4-579	4-580	4-581	4-582	4-583	4-584	4-585	4-586	4-587	4-588	4-589	4-590	4-591	4-592	4-593	4-594	4-595	4-596	4-597	4-598	4-599	4-600	4-601	4-602	4-603	4-604	4-605	4-606	4-607	4-608	4-609	4-610	4-611	4-612	4-613	4-614	4-615	4-616	4-617	4-618	4-619	4-620	4-621	4-622	4-623	4-624	4-625	4-626	4-627	4-628	4-629	4-630	4-631	4-632	4-633	4-634	4-635	4-636	4-637	4-638	4-639	4-640	4-641	4-642	4-643	4-644	4-645	4-646	4-647	4-648	4-649	4-650	4-651	4-652	4-653	4-654	4-655	4-656	4-657	4-658	4-659	4-660	4-661	4-662	4-663	4-664	4-665	4-666	4-667	4-668	4-669	4-670	4-671	4-672	4-673	4-674	4-675	4-676	4-677	4-678	4-679	4-680	4-681	4-682	4-683	4-684	4-685	4-686	4-687	4-688	4-689	4-690	4-691	4-692	4-693	4-694	4-695	4-696	4-697	4-698	4-699	4-700	4-701	4-702	4-703	4-704	4-705	4-706	4-707	4-708	4-709	4-710	4-711	4-712	4-713	4-714	4-715	4-716	4-717	4-718	4-719	4-720	4-721	4-722	4-723	4-724	4-725	4-726	4-727	4-728	4-729	4-730	4-731	4-732	4-733	4-734	4-735	4-736	4-737	4-738	4-739	4-740	4-741	4-742	4-743	4-744	4-745	4-746	4-747	4-748	4-749	4-750	4-751	4-752	4-753	4-754	4-755	4-756	4-757	4-758	4-759	4-760	4-761	4-762	4-763	4-764	4-765	4-766	4-767	4-768	4-769	4-770	4-771	4-772	4-773	4-774	4-775	4-776	4-777	4-778	4-779	4-780	4-781	4-782	4-783	4-784	4-785	4-786	4-787	4-788	4-789	4-790	4-791	4-792	4-793	4-794	4-795	4-796	4-797	4-798	4-799	4-800	4-801	4-802	4-803	4-804	4-805	4-806	4-807	4-808	4-809	4-810	4-811	4-812	4-813	4-814	4-815	4-816	4-817	4-818	4-819	4-820	4-821	4-822	4-823	4-824	4-825	4-826	4-827	4-828	4-829	4-830	4-831	4-832	4-833	4-834	4-835	4-836	4-837	4-838	4-839	4-840	4-841	4-842	4-843	4-844	4-845	4-846	4-847	4-848	4-849	4-850	4-851	4-852	4-853	4-854	4-855	4-856	4-857	4-858	4-859	4-860	4-861	4-862	4-863	4-864	4-865	4-866	4-867	4-868	4-869	4-870	4-871	4-872	4-873	4-874	4-875	4-876	4-877	4-878	4-879	4-880	4-881	4-882	4-883	4-884	4-885	4-886	4-887	4-888	4-889	4-890	4-891	4-892	4-893	4-894	4-895	4-896	4-897	4-898	4-899	4-900	4-901	4-902	4-903	4-904	4-905	4-906	4-907	4-908	4-909	4-910	4-911	4-912	4-913	4-914	4-915	4-916	4-917	4-918	4-919	4-920	4-921	4-922	4-923	4-924	4-925	4-926	4-927	4-928	4-929	4-930	4-931	4-932	4-933	4-934	4-935	4-936	4-937	4-938	4-939	4-940	4-941	4-942	4-943	4-944	4-945	4-946	4-947	4-948	4-949	4-950	4-951	4-952	4-953	4-954	4-955	4-956	4-957	4-958	4-959	4-960	4-961	4-962	4-963	4-964	4-965	4-966	4-967	4-968	4-969	4-970	4-971	4-972	4-973	4-974	4-975	4-976	4-977	4-978	4-979	4-980	4-981	4-982	4-983	4-984	4-985	4-986	4-987	4-988	4-989	4-990	4-991	4-992	4-993	4-994	4-995	4-996	4-997	4-998	4-999	4-1000
4-1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		

TABLE 17. HISTORICAL GROUNDWATER ANALYTICAL DATA - METAL PARAMETERS

[illegible]

TABLE 12 - HISTORICAL GROUNDWATER ANALYTICAL DATA - METAL PARAMETERS

Sample	6-A1	6-A2	6-A3	6-A4	6-A5	6-A6	6-A7	6-A8	6-A9	6-A10	6-A11	6-A12	6-A13	6-A14	6-A15	6-A16	6-A17	6-A18	6-A19	6-A20	6-A21	6-A22	6-A23	6-A24	6-A25	6-A26	6-A27	6-A28	6-A29	6-A30	6-A31	6-A32	6-A33	6-A34	6-A35	6-A36	6-A37	6-A38	6-A39	6-A40	6-A41	6-A42	6-A43	6-A44	6-A45	6-A46	6-A47	6-A48	6-A49	6-A50	6-A51	6-A52	6-A53	6-A54	6-A55	6-A56	6-A57	6-A58	6-A59	6-A60	6-A61	6-A62	6-A63	6-A64	6-A65	6-A66	6-A67	6-A68	6-A69	6-A70	6-A71	6-A72	6-A73	6-A74	6-A75	6-A76	6-A77	6-A78	6-A79	6-A80	6-A81	6-A82	6-A83	6-A84	6-A85	6-A86	6-A87	6-A88	6-A89	6-A90	6-A91	6-A92	6-A93	6-A94	6-A95	6-A96	6-A97	6-A98	6-A99	6-A100	6-A101	6-A102	6-A103	6-A104	6-A105	6-A106	6-A107	6-A108	6-A109	6-A110	6-A111	6-A112	6-A113	6-A114	6-A115	6-A116	6-A117	6-A118	6-A119	6-A120	6-A121	6-A122	6-A123	6-A124	6-A125	6-A126	6-A127	6-A128	6-A129	6-A130	6-A131	6-A132	6-A133	6-A134	6-A135	6-A136	6-A137	6-A138	6-A139	6-A140	6-A141	6-A142	6-A143	6-A144	6-A145	6-A146	6-A147	6-A148	6-A149	6-A150	6-A151	6-A152	6-A153	6-A154	6-A155	6-A156	6-A157	6-A158	6-A159	6-A160	6-A161	6-A162	6-A163	6-A164	6-A165	6-A166	6-A167	6-A168	6-A169	6-A170	6-A171	6-A172	6-A173	6-A174	6-A175	6-A176	6-A177	6-A178	6-A179	6-A180	6-A181	6-A182	6-A183	6-A184	6-A185	6-A186	6-A187	6-A188	6-A189	6-A190	6-A191	6-A192	6-A193	6-A194	6-A195	6-A196	6-A197	6-A198	6-A199	6-A200	6-A201	6-A202	6-A203	6-A204	6-A205	6-A206	6-A207	6-A208	6-A209	6-A210	6-A211	6-A212	6-A213	6-A214	6-A215	6-A216	6-A217	6-A218	6-A219	6-A220	6-A221	6-A222	6-A223	6-A224	6-A225	6-A226	6-A227	6-A228	6-A229	6-A230	6-A231	6-A232	6-A233	6-A234	6-A235	6-A236	6-A237	6-A238	6-A239	6-A240	6-A241	6-A242	6-A243	6-A244	6-A245	6-A246	6-A247	6-A248	6-A249	6-A250	6-A251	6-A252	6-A253	6-A254	6-A255	6-A256	6-A257	6-A258	6-A259	6-A260	6-A261	6-A262	6-A263	6-A264	6-A265	6-A266	6-A267	6-A268	6-A269	6-A270	6-A271	6-A272	6-A273	6-A274	6-A275	6-A276	6-A277	6-A278	6-A279	6-A280	6-A281	6-A282	6-A283	6-A284	6-A285	6-A286	6-A287	6-A288	6-A289	6-A290	6-A291	6-A292	6-A293	6-A294	6-A295	6-A296	6-A297	6-A298	6-A299	6-A300	6-A301	6-A302	6-A303	6-A304	6-A305	6-A306	6-A307	6-A308	6-A309	6-A310	6-A311	6-A312	6-A313	6-A314	6-A315	6-A316	6-A317	6-A318	6-A319	6-A320	6-A321	6-A322	6-A323	6-A324	6-A325	6-A326	6-A327	6-A328	6-A329	6-A330	6-A331	6-A332	6-A333	6-A334	6-A335	6-A336	6-A337	6-A338	6-A339	6-A340	6-A341	6-A342	6-A343	6-A344	6-A345	6-A346	6-A347	6-A348	6-A349	6-A350	6-A351	6-A352	6-A353	6-A354	6-A355	6-A356	6-A357	6-A358	6-A359	6-A360	6-A361	6-A362	6-A363	6-A364	6-A365	6-A366	6-A367	6-A368	6-A369	6-A370	6-A371	6-A372	6-A373	6-A374	6-A375	6-A376	6-A377	6-A378	6-A379	6-A380	6-A381	6-A382	6-A383	6-A384	6-A385	6-A386	6-A387	6-A388	6-A389	6-A390	6-A391	6-A392	6-A393	6-A394	6-A395	6-A396	6-A397	6-A398	6-A399	6-A400	6-A401	6-A402	6-A403	6-A404	6-A405	6-A406	6-A407	6-A408	6-A409	6-A410	6-A411	6-A412	6-A413	6-A414	6-A415	6-A416	6-A417	6-A418	6-A419	6-A420	6-A421	6-A422	6-A423	6-A424	6-A425	6-A426	6-A427	6-A428	6-A429	6-A430	6-A431	6-A432	6-A433	6-A434	6-A435	6-A436	6-A437	6-A438	6-A439	6-A440	6-A441	6-A442	6-A443	6-A444	6-A445	6-A446	6-A447	6-A448	6-A449	6-A450	6-A451	6-A452	6-A453	6-A454	6-A455	6-A456	6-A457	6-A458	6-A459	6-A460	6-A461	6-A462	6-A463	6-A464	6-A465	6-A466	6-A467	6-A468	6-A469	6-A470	6-A471	6-A472	6-A473	6-A474	6-A475	6-A476	6-A477	6-A478	6-A479	6-A480	6-A481	6-A482	6-A483	6-A484	6-A485	6-A486	6-A487	6-A488	6-A489	6-A490	6-A491	6-A492	6-A493	6-A494	6-A495	6-A496	6-A497	6-A498	6-A499	6-A500	6-A501	6-A502	6-A503	6-A504	6-A505	6-A506	6-A507	6-A508	6-A509	6-A510	6-A511	6-A512	6-A513	6-A514	6-A515	6-A516	6-A517	6-A518	6-A519	6-A520	6-A521	6-A522	6-A523	6-A524	6-A525	6-A526	6-A527	6-A528	6-A529	6-A530	6-A531	6-A532	6-A533	6-A534	6-A535	6-A536	6-A537	6-A538	6-A539	6-A540	6-A541	6-A542	6-A543	6-A544	6-A545	6-A546	6-A547	6-A548	6-A549	6-A550	6-A551	6-A552	6-A553	6-A554	6-A555	6-A556	6-A557	6-A558	6-A559	6-A560	6-A561	6-A562	6-A563	6-A564	6-A565	6-A566	6-A567	6-A568	6-A569	6-A570	6-A571	6-A572	6-A573	6-A574	6-A575	6-A576	6-A577	6-A578	6-A579	6-A580	6-A581	6-A582	6-A583	6-A584	6-A585	6-A586	6-A587	6-A588	6-A589	6-A590	6-A591	6-A592	6-A593	6-A594	6-A595	6-A596	6-A597	6-A598	6-A599	6-A600	6-A601	6-A602	6-A603	6-A604	6-A605	6-A606	6-A607	6-A608	6-A609	6-A610	6-A611	6-A612	6-A613	6-A614	6-A615	6-A616	6-A617	6-A618	6-A619	6-A620	6-A621	6-A622	6-A623	6-A624	6-A625	6-A626	6-A627	6-A628	6-A629	6-A630	6-A631	6-A632	6-A633	6-A634	6-A635	6-A636	6-A637	6-A638	6-A639	6-A640	6-A641	6-A642	6-A643	6-A644	6-A645	6-A646	6-A647	6-A648	6-A649	6-A650	6-A651	6-A652	6-A653	6-A654	6-A655	6-A656	6-A657	6-A658	6-A659	6-A660	6-A661	6-A662	6-A663	6-A664	6-A665	6-A666	6-A667	6-A668	6-A669	6-A670	6-A671	6-A672	6-A673	6-A674	6-A675	6-A676	6-A677	6-A678	6-A679	6-A680	6-A681	6-A682	6-A683	6-A684	6-A685	6-A686	6-A687	6-A688	6-A689	6-A690	6-A691	6-A692	6-A693	6-A694	6-A695	6-A696	6-A697	6-A698	6-A699	6-A700	6-A701	6-A702	6-A703	6-A704	6-A705	6-A706	6-A707	6-A708	6-A709	6-A710	6-A711	6-A712	6-A713	6-A714	6-A715	6-A716	6-A717	6-A718	6-A719	6-A720	6-A721	6-A722	6-A723	6-A724	6-A725	6-A726	6-A727	6-A728	6-A729	6-A730	6-A731	6-A732	6-A733	6-A734	6-A735	6-A736	6-A737	6-A738	6-A739	6-A740	6-A741	6-A742	6-A743	6-A744	6-A745	6-A746	6-A747	6-A748	6-A749	6-A750	6-A751	6-A752	6-A753	6-A754	6-A755	6-A756	6-A757	6-A758	6-A759	6-A760	6-A761	6-A762	6-A763	6-A764	6-A765	6-A766	6-A767	6-A768	6-A769	6-A770	6-A771	6-A772	6-A773	6-A774	6-A775	6-A776	6-A777	6-A778	6-A779	6-A780	6-A781	6-A782	6-A783	6-A784	6-A785	6-A786	6-A787	6-A788	6-A789	6-A790	6-A791	6-A792	6-A793	6-A794	6-A795	6-A796	6-A797	6-A798	6-A799	6-A800	6-A801	6-A802	6-A803	6-A804	6-A805	6-A806	6-A807	6-A808	6-A809	6-A810	6-A811	6-A812	6-A813	6-A814	6-A815	6-A816	6-A817	6-A818	6-A819	6-A820	6-A821	6-A822	6-A823	6-A824	6-A825	6-A826	6-A827	6-A828	6-A829	6-A830	6-A831	6-A832	6-A833	6-A834	6-A835	6-A836	6-A837	6-A838	6-A839	6-A840	6-A841	6-A842	6-A843	6-A844	6-A845	6-A846	6-A847	6-A848	6-A849	6-A850	6-A851	6-A852	6-A853	6-A854	6-A855	6-A856	6-A857	6-A858	6-A859	6-A860	6-A861	6-A862	6-A863	6-A864	6-A865	6-A866	6-A867	6-A868	6-A869	6-A870	6-A871	6-A872	6-A873	6-A874	6-A875	6-A876	6-A877	6-A878	6-A879	6-A880	6-A881	6-A882	6-A883	6-A884	6-A885	6-A886	6-A887	6-A888	6-A889	6-A890	6-A891	6-A892	6-A893	6-A894	6-A895	6-A896	6-A897	6-A898	6-A899	6-A900	6-A901	6-A902	6-A903	6-A904	6-A905	6-A906	6-A907	6-A908	6-A909	6-A910	6-A911	6-A912	6-A913	6-A914	6-A915	6-A916	6-A917	6-A918	6-A919	6-A920	6-A921	6-A922	6-A923	6-A924	6-A925	6-A926	6-A927	6-A928	6-A929	6-A930	6-A931	6-A932	6-A933	6-A934	6-A935	6-A936	6-A937	6-A938	6-A939	6-A940	6-A941	6-A942	6-A943	6-A944	6-A945	6-A946	6-A947	6-A948	6-A949	6-A950	6-A951	6-A952	6-A953	6-A954	6-A955	6-A956	6-A957	6-A958	6-A959	6-A960	6-A961	6-A962	6-A963	6-A964	6-A965	6-A966	6-A967	6-A968	6-A969	6-A970	6-A971	6-A972	6-A973	6-A974	6-A975	6-A976	6-A977	6-A978	6-A979	6-A980	6-A981	6-A982	6-A983	6-A984	6-A985	6-A986	6-A987	6-A988	6-A989	6-A990	6-A991	6-A992	6-A993	6-A994	6-A995	6-A996	6-A997	6-A998	6-A999	6-A1000	6-A1001	6-A1002	6-A1003	6-A1004	6-A1005	6-A1006	6-A1007	6-A1008	6-A1009	6-A1010	6-A1011	6-A1012	6-A1013	6-A1014	6-A1015	6-A1016	6-A1017	6-A1018	6-A1019	6-A1020	6-A1021	6-A1022	6-A1023	6-A1024	6-A1025	6-A1026	6-A1027	6-A1028	6-A1029	6-A1030	6-A1031	6-A1032	6-A1033	6-A1034	6-A1035	6-A1036	6-A1037	6-A1038	6-A1039	6-A1040	6-A1041	6-A1042	6-A1043	6-A1044	6-A1045	6-A1046	6-A1047	6-A1048	6-A1049	6-A1050	6-A1051	6-A1052	6-A1053	6-A1054	6-A1055	6-A1056	6-A1057	6-A1058	6-A1059	6-A1060	6-A1061	6-A1062	6-A1063	6-A1064	6-A1065	6-A1066	6-A1067	6-A1068	6-A1069	6-A1070	6-A1071	6-A1072	6-A1073	6-A1074	6-A1075	6-A1076	6-A1077	6-A1078	6-A1079	6-A1080	6-A1081	6-A1082	6-A1083	6-A1084	6-A1085	6-A1086	6-A1087	6-A1088	6-A1089	6-A1090	6-A1091	6-A1092	6-A1093	6-A1094	6-A1095	6-A1096	6-A1097	6-A1098	6-A1099	6-A1100	6-A1101	6-A1102	6-A1103	6-A1104	6-A1105	6-A1106	6-A1107	6-A1108	6-A1109	6-A1110	6-A1111	6-A1112	6-A1113	6-A1114	6-A1115	6-A1116	6-A1117	6-A1118	6-A1119	6-A1120	6-A1121	6-A1122	6-A1123	6-A1124	6-A1125	6-A1126	6-A1127	6-A1128	6-A1129	6-A1130	6-A1131	6-A1132	6-A1133	6-A1134	6-A1135	6-A1136	6-A1137	6-A1138	6-A1139	6-A1140	6-A1141	6-A1142	6-A1143	6-A1144	6-A1145	6-A1146	6-A1147	6-A1148	6-A1149	6-A1150	6-A1151	6-A1152	6-A1153	6-A1154	6-A1155	6-A1156	6-A1157	6-A1158	6-A1159	6-A1160	6-A1161	6-A1162	6-A1163	6-A1164	6-A1165	6-A1166	6-A1167	6-A1168	6-A1169	6-A1170	6-A1171	6-A1172	6-A1173	6-A1174	6-A1175	6-A1176	6-A1177	6-A1178	6-A1179	6-A1180	6-A1181	6-A1182	6-A1183	6-A1184	6-A1185	6-A1186	6-A1187	6-A1188	6-A1189	6-A1190	6-A1191	6-A1192	6-A1193	6-A1194	6-A1195	6-A1196	6-A1197	6-A1198	6-A1199	6-A1200	6-A1201	6-A1202	6-A1203	6-A1204	6-A1205	6-A1206	6-A1207	6-A1208	6-A1209	6-A1210	6-A1211	6-A1212	6-A1213	6-A1214	6-A1215	6-A1216	6-A1217	6-A1218	6-A1219	6-A1220	6-A1221	6-A1222	6-A1223	6-A1224	6-A1225	6-A12
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TABLE 12 - HISTORICAL GROUNDWATER ANALYTICAL DATA - METAL PARAMETERS

[illegible]

TABLE 12 - HISTORICAL GROUNDWATER ANALYTICAL DATA - METAL PARAMETERS

Year	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2433	2434	2435	2436	2437	2438	2439	2440	2441	2442	2443	2444	2445	2446	2447	2448	2449	2450	2451	2452	2453	2454	2455	2456	2457	2458	2459	2460	2461	2462	2463	2464	2465	2466	2467	2468	2469	2470	2471	2472	2473	2474	2475	2476	2477	2478	2479	2480	2481	2482	2483	2484	2485	2486	2487	2488	2489	2490	2491	2492	2493	2494	2495	2496	2497	2498	2499	2500	2501	2502	2503	2504	2505	2506	2507	2508	2509	2510	2511	2512	2513	2514	2515	2516	2517	2518	2519	2520	2521	2522	2523	2524	2525	2526	2527	2528	2529	2530	2531	2532	2533	2534	2535	2536	2537	2538	2539	2540	2541	2542	2543	2544	2545	2546	2547	2548	2549	2550	2551	2552	2553	2554	2555	2556	2557	2558	2559	2560	2561	2562	2563	2564	2565	2566	2567	2568	2569	2570	2571	2572	2573	2574	2575	2576	2577	2578	2579	2580	2581	2582	2583	2584	2585	2586	2587	2588	2589	2590	2591	2592	2593	2594	2595	2596	2597	2598	2599	2600	2601	2602	2603	2604	2605	2606	2607	2608	2609	2610	2611	2612	2613	2614	2615	2616	2617	2618	2619	2620	2621	2622	2623	2624	2625	2626	2627	2628	2629	2630	2631	2632	2633	2634	2635	2636	2637	2638	2639	2640	2641	2642	2643	2644	2645	2646	2647	2648	2649	2650	2651	2652	2653	2654	2655	2656	2657	2658	2659	2660	2661	2662	2663	2664	2665	2666	2667	2668	2669	2670	2671	2672	2673	2674	2675	2676	2677	2678	2679	2680	2681	2682	2683	2684	2685	2686	2687	2688	2689	2690	2691	2692	2693	2694	2695	2696	2697	2698	2699	2700	2701	2702	2703	2704	2705	2706	2707	2708	2709	2710	2711	2712	2713	2714	2715	2716	2717	2718	2719	2720	2721	2722	2723	2724	2725	2726	2727	2728	2729	2730	2731	2732	2733	2734	2735	2736	2737	2738	2739	2740	2741	2742	2743	2744	2745	2746	2747	2748	2749	2750	2751	2752	2753	2754	2755	2756	2757	2758	2759	2760	2761	2762	2763	2764	2765	2766	2767	2768	2769	2770	2771	2772	2773	2774	2775	2776	2777	2778	2779	2780	2781	2782	2783	2784	2785	2786	2787	2788	2789	2790	2791	2792	2793	2794	2795	2796	2797	2798	2799	2800	2801	2802	2803	2804	2805	2806	2807	2808	2809	2810	2811	2812	2813	2814	2815	2816	2817	2818	2819	2820	2821	2822	2823	2824	2825	2826	2827	2828	2829	2830	2831	2832	2833	2834	2835	2836	2837	2838	2839	2840	2841	2842	2843	2844	2845	2846	2847	2848	2849	2850	2851	2852	2853	2854	2855	2856	2857	2858	2859	2860	2861	2862	2863	2864	2865	2866	2867	2868	2869	2870	2871	2872	2873	2874	2875	2876	2877	2878	2879	2880	2881	2882	2883	2884	2885	2886	2887	2888	2889	2890	2891	2892	2893	2894	2895	2896	2897	2898	2899	2900	2901	2902	2903	2904	2905	2906	2907	2908	2909	2910	2911	2912	2913	2914	2915	2916	2917	2918	2919	2920	2921	2922	2923	2924	2925	2926	2927	2928	2929	2930	2931	2932	2933	2934	2935	2936	2937	2938	2939	2940	2941	2942	2943	2944	2945	2946	2947	2948	2949	2950	2951	2952	2953	2954	2955	2956	2957	2958	2959	2960	2961	2962	2963	2964	2965	2966	2967	2968	2969	2970	2971	2972	2973	2974	2975	2976	2977	2978	2979	2980	2981	2982	2983	2984	2985	2986	2987	2988	2989	2990	2991	2992	2993	2994	2995	2996	2997	2998	2999	3000
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TABLE 12 - HISTORICAL GROUNDWATER ANALYTICAL DATA - METAL PARAMETERS

Sample	4-1	4-10	4-11	4-12	4-13	4-14	4-15	4-16	4-17	4-18	4-19	4-20	4-21	4-22	4-23	4-24	4-25	4-26	4-27	4-28	4-29	4-30	5-1	5-2	5-3	5-4	5-5	5-6	5-7	5-8	5-9	5-10	5-11	5-12	5-13	5-14	5-15	5-16	5-17	5-18	5-19	5-20	5-21	5-22	5-23	5-24	5-25	5-26	5-27	5-28	5-29	5-30	5-31	6-1	6-2	6-3	6-4	6-5	6-6	6-7	6-8	6-9	6-10	6-11	6-12	6-13	6-14	6-15	6-16	6-17	6-18	6-19	6-20	6-21	6-22	6-23	6-24	6-25	6-26	6-27	6-28	6-29	6-30	6-31	7-1	7-2	7-3	7-4	7-5	7-6	7-7	7-8	7-9	7-10	7-11	7-12	7-13	7-14	7-15	7-16	7-17	7-18	7-19	7-20	7-21	7-22	7-23	7-24	7-25	7-26	7-27	7-28	7-29	7-30	7-31	8-1	8-2	8-3	8-4	8-5	8-6	8-7	8-8	8-9	8-10	8-11	8-12	8-13	8-14	8-15	8-16	8-17	8-18	8-19	8-20	8-21	8-22	8-23	8-24	8-25	8-26	8-27	8-28	8-29	8-30	8-31	9-1	9-2	9-3	9-4	9-5	9-6	9-7	9-8	9-9	9-10	9-11	9-12	9-13	9-14	9-15	9-16	9-17	9-18	9-19	9-20	9-21	9-22	9-23	9-24	9-25	9-26	9-27	9-28	9-29	9-30	9-31	10-1	10-2	10-3	10-4	10-5	10-6	10-7	10-8	10-9	10-10	10-11	10-12	10-13	10-14	10-15	10-16	10-17	10-18	10-19	10-20	10-21	10-22	10-23	10-24	10-25	10-26	10-27	10-28	10-29	10-30	10-31	11-1	11-2	11-3	11-4	11-5	11-6	11-7	11-8	11-9	11-10	11-11	11-12	11-13	11-14	11-15	11-16	11-17	11-18	11-19	11-20	11-21	11-22	11-23	11-24	11-25	11-26	11-27	11-28	11-29	11-30	11-31	12-1	12-2	12-3	12-4	12-5	12-6	12-7	12-8	12-9	12-10	12-11	12-12	12-13	12-14	12-15	12-16	12-17	12-18	12-19	12-20	12-21	12-22	12-23	12-24	12-25	12-26	12-27	12-28	12-29	12-30	12-31																																																																																																																																																																																																																																																																																																																																																																																																																													
Depth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0

TABLE 12 · HISTORICAL GROUNDWATER ANALYTICAL DATA · METAL PARAMETERS

Sample	Q-A1	Q-A2	Q-A3	Q-A4	Q-A5	Q-A6	Q-A7	Q-A8	Q-A9	Q-A10	Q-A11	Q-A12	Q-A13	Q-A14	Q-A15	Q-A16	Q-A17	Q-A18	Q-A19	Q-A20	Q-A21	Q-A22	Q-A23	Q-A24	Q-A25	Q-A26	Q-A27	Q-A28	Q-A29	Q-A30	Q-A31	Q-A32	Q-A33	Q-A34	Q-A35	Q-A36	Q-A37	Q-A38	Q-A39	Q-A40	Q-A41	Q-A42	Q-A43	Q-A44	Q-A45	Q-A46	Q-A47	Q-A48	Q-A49	Q-A50	Q-A51	Q-A52	Q-A53	Q-A54	Q-A55	Q-A56	Q-A57	Q-A58	Q-A59	Q-A60	Q-A61	Q-A62	Q-A63	Q-A64	Q-A65	Q-A66	Q-A67	Q-A68	Q-A69	Q-A70	Q-A71	Q-A72	Q-A73	Q-A74	Q-A75	Q-A76	Q-A77	Q-A78	Q-A79	Q-A80	Q-A81	Q-A82	Q-A83	Q-A84	Q-A85	Q-A86	Q-A87	Q-A88	Q-A89	Q-A90	Q-A91	Q-A92	Q-A93	Q-A94	Q-A95	Q-A96	Q-A97	Q-A98	Q-A99	Q-A100	Q-A101	Q-A102	Q-A103	Q-A104	Q-A105	Q-A106	Q-A107	Q-A108	Q-A109	Q-A110	Q-A111	Q-A112	Q-A113	Q-A114	Q-A115	Q-A116	Q-A117	Q-A118	Q-A119	Q-A120	Q-A121	Q-A122	Q-A123	Q-A124	Q-A125	Q-A126	Q-A127	Q-A128	Q-A129	Q-A130	Q-A131	Q-A132	Q-A133	Q-A134	Q-A135	Q-A136	Q-A137	Q-A138	Q-A139	Q-A140	Q-A141	Q-A142	Q-A143	Q-A144	Q-A145	Q-A146	Q-A147	Q-A148	Q-A149	Q-A150	Q-A151	Q-A152	Q-A153	Q-A154	Q-A155	Q-A156	Q-A157	Q-A158	Q-A159	Q-A160	Q-A161	Q-A162	Q-A163	Q-A164	Q-A165	Q-A166	Q-A167	Q-A168	Q-A169	Q-A170	Q-A171	Q-A172	Q-A173	Q-A174	Q-A175	Q-A176	Q-A177	Q-A178	Q-A179	Q-A180	Q-A181	Q-A182	Q-A183	Q-A184	Q-A185	Q-A186	Q-A187	Q-A188	Q-A189	Q-A190	Q-A191	Q-A192	Q-A193	Q-A194	Q-A195	Q-A196	Q-A197	Q-A198	Q-A199	Q-A200	Q-A201	Q-A202	Q-A203	Q-A204	Q-A205	Q-A206	Q-A207	Q-A208	Q-A209	Q-A210	Q-A211	Q-A212	Q-A213	Q-A214	Q-A215	Q-A216	Q-A217	Q-A218	Q-A219	Q-A220	Q-A221	Q-A222	Q-A223	Q-A224	Q-A225	Q-A226	Q-A227	Q-A228	Q-A229	Q-A230	Q-A231	Q-A232	Q-A233	Q-A234	Q-A235	Q-A236	Q-A237	Q-A238	Q-A239	Q-A240	Q-A241	Q-A242	Q-A243	Q-A244	Q-A245	Q-A246	Q-A247	Q-A248	Q-A249	Q-A250	Q-A251	Q-A252	Q-A253	Q-A254	Q-A255	Q-A256	Q-A257	Q-A258	Q-A259	Q-A260	Q-A261	Q-A262	Q-A263	Q-A264	Q-A265	Q-A266	Q-A267	Q-A268	Q-A269	Q-A270	Q-A271	Q-A272	Q-A273	Q-A274	Q-A275	Q-A276	Q-A277	Q-A278	Q-A279	Q-A280	Q-A281	Q-A282	Q-A283	Q-A284	Q-A285	Q-A286	Q-A287	Q-A288	Q-A289	Q-A290	Q-A291	Q-A292	Q-A293	Q-A294	Q-A295	Q-A296	Q-A297	Q-A298	Q-A299	Q-A300	Q-A301	Q-A302	Q-A303	Q-A304	Q-A305	Q-A306	Q-A307	Q-A308	Q-A309	Q-A310	Q-A311	Q-A312	Q-A313	Q-A314	Q-A315	Q-A316	Q-A317	Q-A318	Q-A319	Q-A320	Q-A321	Q-A322	Q-A323	Q-A324	Q-A325	Q-A326	Q-A327	Q-A328	Q-A329	Q-A330	Q-A331	Q-A332	Q-A333	Q-A334	Q-A335	Q-A336	Q-A337	Q-A338	Q-A339	Q-A340	Q-A341	Q-A342	Q-A343	Q-A344	Q-A345	Q-A346	Q-A347	Q-A348	Q-A349	Q-A350	Q-A351	Q-A352	Q-A353	Q-A354	Q-A355	Q-A356	Q-A357	Q-A358	Q-A359	Q-A360	Q-A361	Q-A362	Q-A363	Q-A364	Q-A365	Q-A366	Q-A367	Q-A368	Q-A369	Q-A370	Q-A371	Q-A372	Q-A373	Q-A374	Q-A375	Q-A376	Q-A377	Q-A378	Q-A379	Q-A380	Q-A381	Q-A382	Q-A383	Q-A384	Q-A385	Q-A386	Q-A387	Q-A388	Q-A389	Q-A390	Q-A391	Q-A392	Q-A393	Q-A394	Q-A395	Q-A396	Q-A397	Q-A398	Q-A399	Q-A400	Q-A401	Q-A402	Q-A403	Q-A404	Q-A405	Q-A406	Q-A407	Q-A408	Q-A409	Q-A410	Q-A411	Q-A412	Q-A413	Q-A414	Q-A415	Q-A416	Q-A417	Q-A418	Q-A419	Q-A420	Q-A421	Q-A422	Q-A423	Q-A424	Q-A425	Q-A426	Q-A427	Q-A428	Q-A429	Q-A430	Q-A431	Q-A432	Q-A433	Q-A434	Q-A435	Q-A436	Q-A437	Q-A438	Q-A439	Q-A440	Q-A441	Q-A442	Q-A443	Q-A444	Q-A445	Q-A446	Q-A447	Q-A448	Q-A449	Q-A450	Q-A451	Q-A452	Q-A453	Q-A454	Q-A455	Q-A456	Q-A457	Q-A458	Q-A459	Q-A460	Q-A461	Q-A462	Q-A463	Q-A464	Q-A465	Q-A466	Q-A467	Q-A468	Q-A469	Q-A470	Q-A471	Q-A472	Q-A473	Q-A474	Q-A475	Q-A476	Q-A477	Q-A478	Q-A479	Q-A480	Q-A481	Q-A482	Q-A483	Q-A484	Q-A485	Q-A486	Q-A487	Q-A488	Q-A489	Q-A490	Q-A491	Q-A492	Q-A493	Q-A494	Q-A495	Q-A496	Q-A497	Q-A498	Q-A499	Q-A500	Q-A501	Q-A502	Q-A503	Q-A504	Q-A505	Q-A506	Q-A507	Q-A508	Q-A509	Q-A510	Q-A511	Q-A512	Q-A513	Q-A514	Q-A515	Q-A516	Q-A517	Q-A518	Q-A519	Q-A520	Q-A521	Q-A522	Q-A523	Q-A524	Q-A525	Q-A526	Q-A527	Q-A528	Q-A529	Q-A530	Q-A531	Q-A532	Q-A533	Q-A534	Q-A535	Q-A536	Q-A537	Q-A538	Q-A539	Q-A540	Q-A541	Q-A542	Q-A543	Q-A544	Q-A545	Q-A546	Q-A547	Q-A548	Q-A549	Q-A550	Q-A551	Q-A552	Q-A553	Q-A554	Q-A555	Q-A556	Q-A557	Q-A558	Q-A559	Q-A560	Q-A561	Q-A562	Q-A563	Q-A564	Q-A565	Q-A566	Q-A567	Q-A568	Q-A569	Q-A570	Q-A571	Q-A572	Q-A573	Q-A574	Q-A575	Q-A576	Q-A577	Q-A578	Q-A579	Q-A580	Q-A581	Q-A582	Q-A583	Q-A584	Q-A585	Q-A586	Q-A587	Q-A588	Q-A589	Q-A590	Q-A591	Q-A592	Q-A593	Q-A594	Q-A595	Q-A596	Q-A597	Q-A598	Q-A599	Q-A600	Q-A601	Q-A602	Q-A603	Q-A604	Q-A605	Q-A606	Q-A607	Q-A608	Q-A609	Q-A610	Q-A611	Q-A612	Q-A613	Q-A614	Q-A615	Q-A616	Q-A617	Q-A618	Q-A619	Q-A620	Q-A621	Q-A622	Q-A623	Q-A624	Q-A625	Q-A626	Q-A627	Q-A628	Q-A629	Q-A630	Q-A631	Q-A632	Q-A633	Q-A634	Q-A635	Q-A636	Q-A637	Q-A638	Q-A639	Q-A640	Q-A641	Q-A642	Q-A643	Q-A644	Q-A645	Q-A646	Q-A647	Q-A648	Q-A649	Q-A650	Q-A651	Q-A652	Q-A653	Q-A654	Q-A655	Q-A656	Q-A657	Q-A658	Q-A659	Q-A660	Q-A661	Q-A662	Q-A663	Q-A664	Q-A665	Q-A666	Q-A667	Q-A668	Q-A669	Q-A670	Q-A671	Q-A672	Q-A673	Q-A674	Q-A675	Q-A676	Q-A677	Q-A678	Q-A679	Q-A680	Q-A681	Q-A682	Q-A683	Q-A684	Q-A685	Q-A686	Q-A687	Q-A688	Q-A689	Q-A690	Q-A691	Q-A692	Q-A693	Q-A694	Q-A695	Q-A696	Q-A697	Q-A698	Q-A699	Q-A700	Q-A701	Q-A702	Q-A703	Q-A704	Q-A705	Q-A706	Q-A707	Q-A708	Q-A709	Q-A710	Q-A711	Q-A712	Q-A713	Q-A714	Q-A715	Q-A716	Q-A717	Q-A718	Q-A719	Q-A720	Q-A721	Q-A722	Q-A723	Q-A724	Q-A725	Q-A726	Q-A727	Q-A728	Q-A729	Q-A730	Q-A731	Q-A732	Q-A733	Q-A734	Q-A735	Q-A736	Q-A737	Q-A738	Q-A739	Q-A740	Q-A741	Q-A742	Q-A743	Q-A744	Q-A745	Q-A746	Q-A747	Q-A748	Q-A749	Q-A750	Q-A751	Q-A752	Q-A753	Q-A754	Q-A755	Q-A756	Q-A757	Q-A758	Q-A759	Q-A760	Q-A761	Q-A762	Q-A763	Q-A764	Q-A765	Q-A766	Q-A767	Q-A768	Q-A769	Q-A770	Q-A771	Q-A772	Q-A773	Q-A774	Q-A775	Q-A776	Q-A777	Q-A778	Q-A779	Q-A780	Q-A781	Q-A782	Q-A783	Q-A784	Q-A785	Q-A786	Q-A787	Q-A788	Q-A789	Q-A790	Q-A791	Q-A792	Q-A793	Q-A794	Q-A795	Q-A796	Q-A797	Q-A798	Q-A799	Q-A800	Q-A801	Q-A802	Q-A803	Q-A804	Q-A805	Q-A806	Q-A807	Q-A808	Q-A809	Q-A810	Q-A811	Q-A812	Q-A813	Q-A814	Q-A815	Q-A816	Q-A817	Q-A818	Q-A819	Q-A820	Q-A821	Q-A822	Q-A823	Q-A824	Q-A825	Q-A826	Q-A827	Q-A828	Q-A829	Q-A830	Q-A831	Q-A832	Q-A833	Q-A834	Q-A835	Q-A836	Q-A837	Q-A838	Q-A839	Q-A840	Q-A841	Q-A842	Q-A843	Q-A844	Q-A845	Q-A846	Q-A847	Q-A848	Q-A849	Q-A850	Q-A851	Q-A852	Q-A853	Q-A854	Q-A855	Q-A856	Q-A857	Q-A858	Q-A859	Q-A860	Q-A861	Q-A862	Q-A863	Q-A864	Q-A865	Q-A866	Q-A867	Q-A868	Q-A869	Q-A870	Q-A871	Q-A872	Q-A873	Q-A874	Q-A875	Q-A876	Q-A877	Q-A878	Q-A879	Q-A880	Q-A881	Q-A882	Q-A883	Q-A884	Q-A885	Q-A886	Q-A887	Q-A888	Q-A889	Q-A890	Q-A891	Q-A892	Q-A893	Q-A894	Q-A895	Q-A896	Q-A897	Q-A898	Q-A899	Q-A900	Q-A901	Q-A902	Q-A903	Q-A904	Q-A905	Q-A906	Q-A907	Q-A908	Q-A909	Q-A910	Q-A911	Q-A912	Q-A913	Q-A914	Q-A915	Q-A916	Q-A917	Q-A918	Q-A919	Q-A920	Q-A921	Q-A922	Q-A923	Q-A924	Q-A925	Q-A926	Q-A927	Q-A928	Q-A929	Q-A930	Q-A931	Q-A932	Q-A933	Q-A934	Q-A935	Q-A936	Q-A937	Q-A938	Q-A939	Q-A940	Q-A941	Q-A942	Q-A943	Q-A944	Q-A945	Q-A946	Q-A947	Q-A948	Q-A949	Q-A950	Q-A951	Q-A952	Q-A953	Q-A954	Q-A955	Q-A956	Q-A957	Q-A958	Q-A959	Q-A960	Q-A961	Q-A962	Q-A963	Q-A964	Q-A965	Q-A966	Q-A967	Q-A968	Q-A969	Q-A970	Q-A971	Q-A972	Q-A973	Q-A974	Q-A975	Q-A976	Q-A977	Q-A978	Q-A979	Q-A980	Q-A981	Q-A982	Q-A983	Q-A984	Q-A985	Q-A986	Q-A987	Q-A988	Q-A989	Q-A990	Q-A991	Q-A992	Q-A993	Q-A994	Q-A995	Q-A996	Q-A997	Q-A998	Q-A999	Q-A1000
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TABLE 17 - HISTORICAL GROUNDWATER ANALYTICAL DATA - METAL PARAMETERS

Sample	4-A3	4-A4	4-A5	4-A6	4-A7	4-A8	4-A9	4-A10	4-A11	4-A12	4-A13	4-A14	4-A15	4-A16	4-A17	4-A18	4-A19	4-A20	4-A21	4-A22	4-A23	4-A24	4-A25	4-A26	4-A27	4-A28	4-A29	4-A30	4-A31	4-A32	4-A33	4-A34	4-A35	4-A36	4-A37	4-A38	4-A39	4-A40	4-A41	4-A42	4-A43	4-A44	4-A45	4-A46	4-A47	4-A48	4-A49	4-A50	4-A51	4-A52	4-A53	4-A54	4-A55	4-A56	4-A57	4-A58	4-A59	4-A60	4-A61	4-A62	4-A63	4-A64	4-A65	4-A66	4-A67	4-A68	4-A69	4-A70	4-A71	4-A72	4-A73	4-A74	4-A75	4-A76	4-A77	4-A78	4-A79	4-A80	4-A81	4-A82	4-A83	4-A84	4-A85	4-A86	4-A87	4-A88	4-A89	4-A90	4-A91	4-A92	4-A93	4-A94	4-A95	4-A96	4-A97	4-A98	4-A99	4-A100	4-A101	4-A102	4-A103	4-A104	4-A105	4-A106	4-A107	4-A108	4-A109	4-A110	4-A111	4-A112	4-A113	4-A114	4-A115	4-A116	4-A117	4-A118	4-A119	4-A120	4-A121	4-A122	4-A123	4-A124	4-A125	4-A126	4-A127	4-A128	4-A129	4-A130	4-A131	4-A132	4-A133	4-A134	4-A135	4-A136	4-A137	4-A138	4-A139	4-A140	4-A141	4-A142	4-A143	4-A144	4-A145	4-A146	4-A147	4-A148	4-A149	4-A150	4-A151	4-A152	4-A153	4-A154	4-A155	4-A156	4-A157	4-A158	4-A159	4-A160	4-A161	4-A162	4-A163	4-A164	4-A165	4-A166	4-A167	4-A168	4-A169	4-A170	4-A171	4-A172	4-A173	4-A174	4-A175	4-A176	4-A177	4-A178	4-A179	4-A180	4-A181	4-A182	4-A183	4-A184	4-A185	4-A186	4-A187	4-A188	4-A189	4-A190	4-A191	4-A192	4-A193	4-A194	4-A195	4-A196	4-A197	4-A198	4-A199	4-A200	4-A201	4-A202	4-A203	4-A204	4-A205	4-A206	4-A207	4-A208	4-A209	4-A210	4-A211	4-A212	4-A213	4-A214	4-A215	4-A216	4-A217	4-A218	4-A219	4-A220	4-A221	4-A222	4-A223	4-A224	4-A225	4-A226	4-A227	4-A228	4-A229	4-A230	4-A231	4-A232	4-A233	4-A234	4-A235	4-A236	4-A237	4-A238	4-A239	4-A240	4-A241	4-A242	4-A243	4-A244	4-A245	4-A246	4-A247	4-A248	4-A249	4-A250	4-A251	4-A252	4-A253	4-A254	4-A255	4-A256	4-A257	4-A258	4-A259	4-A260	4-A261	4-A262	4-A263	4-A264	4-A265	4-A266	4-A267	4-A268	4-A269	4-A270	4-A271	4-A272	4-A273	4-A274	4-A275	4-A276	4-A277	4-A278	4-A279	4-A280	4-A281	4-A282	4-A283	4-A284	4-A285	4-A286	4-A287	4-A288	4-A289	4-A290	4-A291	4-A292	4-A293	4-A294	4-A295	4-A296	4-A297	4-A298	4-A299	4-A300	4-A301	4-A302	4-A303	4-A304	4-A305	4-A306	4-A307	4-A308	4-A309	4-A310	4-A311	4-A312	4-A313	4-A314	4-A315	4-A316	4-A317	4-A318	4-A319	4-A320	4-A321	4-A322	4-A323	4-A324	4-A325	4-A326	4-A327	4-A328	4-A329	4-A330	4-A331	4-A332	4-A333	4-A334	4-A335	4-A336	4-A337	4-A338	4-A339	4-A340	4-A341	4-A342	4-A343	4-A344	4-A345	4-A346	4-A347	4-A348	4-A349	4-A350	4-A351	4-A352	4-A353	4-A354	4-A355	4-A356	4-A357	4-A358	4-A359	4-A360	4-A361	4-A362	4-A363	4-A364	4-A365	4-A366	4-A367	4-A368	4-A369	4-A370	4-A371	4-A372	4-A373	4-A374	4-A375	4-A376	4-A377	4-A378	4-A379	4-A380	4-A381	4-A382	4-A383	4-A384	4-A385	4-A386	4-A387	4-A388	4-A389	4-A390	4-A391	4-A392	4-A393	4-A394	4-A395	4-A396	4-A397	4-A398	4-A399	4-A400	4-A401	4-A402	4-A403	4-A404	4-A405	4-A406	4-A407	4-A408	4-A409	4-A410	4-A411	4-A412	4-A413	4-A414	4-A415	4-A416	4-A417	4-A418	4-A419	4-A420	4-A421	4-A422	4-A423	4-A424	4-A425	4-A426	4-A427	4-A428	4-A429	4-A430	4-A431	4-A432	4-A433	4-A434	4-A435	4-A436	4-A437	4-A438	4-A439	4-A440	4-A441	4-A442	4-A443	4-A444	4-A445	4-A446	4-A447	4-A448	4-A449	4-A450	4-A451	4-A452	4-A453	4-A454	4-A455	4-A456	4-A457	4-A458	4-A459	4-A460	4-A461	4-A462	4-A463	4-A464	4-A465	4-A466	4-A467	4-A468	4-A469	4-A470	4-A471	4-A472	4-A473	4-A474	4-A475	4-A476	4-A477	4-A478	4-A479	4-A480	4-A481	4-A482	4-A483	4-A484	4-A485	4-A486	4-A487	4-A488	4-A489	4-A490	4-A491	4-A492	4-A493	4-A494	4-A495	4-A496	4-A497	4-A498	4-A499	4-A500	4-A501	4-A502	4-A503	4-A504	4-A505	4-A506	4-A507	4-A508	4-A509	4-A510	4-A511	4-A512	4-A513	4-A514	4-A515	4-A516	4-A517	4-A518	4-A519	4-A520	4-A521	4-A522	4-A523	4-A524	4-A525	4-A526	4-A527	4-A528	4-A529	4-A530	4-A531	4-A532	4-A533	4-A534	4-A535	4-A536	4-A537	4-A538	4-A539	4-A540	4-A541	4-A542	4-A543	4-A544	4-A545	4-A546	4-A547	4-A548	4-A549	4-A550	4-A551	4-A552	4-A553	4-A554	4-A555	4-A556	4-A557	4-A558	4-A559	4-A560	4-A561	4-A562	4-A563	4-A564	4-A565	4-A566	4-A567	4-A568	4-A569	4-A570	4-A571	4-A572	4-A573	4-A574	4-A575	4-A576	4-A577	4-A578	4-A579	4-A580	4-A581	4-A582	4-A583	4-A584	4-A585	4-A586	4-A587	4-A588	4-A589	4-A590	4-A591	4-A592	4-A593	4-A594	4-A595	4-A596	4-A597	4-A598	4-A599	4-A600	4-A601	4-A602	4-A603	4-A604	4-A605	4-A606	4-A607	4-A608	4-A609	4-A610	4-A611	4-A612	4-A613	4-A614	4-A615	4-A616	4-A617	4-A618	4-A619	4-A620	4-A621	4-A622	4-A623	4-A624	4-A625	4-A626	4-A627	4-A628	4-A629	4-A630	4-A631	4-A632	4-A633	4-A634	4-A635	4-A636	4-A637	4-A638	4-A639	4-A640	4-A641	4-A642	4-A643	4-A644	4-A645	4-A646	4-A647	4-A648	4-A649	4-A650	4-A651	4-A652	4-A653	4-A654	4-A655	4-A656	4-A657	4-A658	4-A659	4-A660	4-A661	4-A662	4-A663	4-A664	4-A665	4-A666	4-A667	4-A668	4-A669	4-A670	4-A671	4-A672	4-A673	4-A674	4-A675	4-A676	4-A677	4-A678	4-A679	4-A680	4-A681	4-A682	4-A683	4-A684	4-A685	4-A686	4-A687	4-A688	4-A689	4-A690	4-A691	4-A692	4-A693	4-A694	4-A695	4-A696	4-A697	4-A698	4-A699	4-A700	4-A701	4-A702	4-A703	4-A704	4-A705	4-A706	4-A707	4-A708	4-A709	4-A710	4-A711	4-A712	4-A713	4-A714	4-A715	4-A716	4-A717	4-A718	4-A719	4-A720	4-A721	4-A722	4-A723	4-A724	4-A725	4-A726	4-A727	4-A728	4-A729	4-A730	4-A731	4-A732	4-A733	4-A734	4-A735	4-A736	4-A737	4-A738	4-A739	4-A740	4-A741	4-A742	4-A743	4-A744	4-A745	4-A746	4-A747	4-A748	4-A749	4-A750	4-A751	4-A752	4-A753	4-A754	4-A755	4-A756	4-A757	4-A758	4-A759	4-A760	4-A761	4-A762	4-A763	4-A764	4-A765	4-A766	4-A767	4-A768	4-A769	4-A770	4-A771	4-A772	4-A773	4-A774	4-A775	4-A776	4-A777	4-A778	4-A779	4-A780	4-A781	4-A782	4-A783	4-A784	4-A785	4-A786	4-A787	4-A788	4-A789	4-A790	4-A791	4-A792	4-A793	4-A794	4-A795	4-A796	4-A797	4-A798	4-A799	4-A800	4-A801	4-A802	4-A803	4-A804	4-A805	4-A806	4-A807	4-A808	4-A809	4-A810	4-A811	4-A812	4-A813	4-A814	4-A815	4-A816	4-A817	4-A818	4-A819	4-A820	4-A821	4-A822	4-A823	4-A824	4-A825	4-A826	4-A827	4-A828	4-A829	4-A830	4-A831	4-A832	4-A833	4-A834	4-A835	4-A836	4-A837	4-A838	4-A839	4-A840	4-A841	4-A842	4-A843	4-A844	4-A845	4-A846	4-A847	4-A848	4-A849	4-A850	4-A851	4-A852	4-A853	4-A854	4-A855	4-A856	4-A857	4-A858	4-A859	4-A860	4-A861	4-A862	4-A863	4-A864	4-A865	4-A866	4-A867	4-A868	4-A869	4-A870	4-A871	4-A872	4-A873	4-A874	4-A875	4-A876	4-A877	4-A878	4-A879	4-A880	4-A881	4-A882	4-A883	4-A884	4-A885	4-A886	4-A887	4-A888	4-A889	4-A890	4-A891	4-A892	4-A893	4-A894	4-A895	4-A896	4-A897	4-A898	4-A899	4-A900	4-A901	4-A902	4-A903	4-A904	4-A905	4-A906	4-A907	4-A908	4-A909	4-A910	4-A911	4-A912	4-A913	4-A914	4-A915	4-A916	4-A917	4-A918	4-A919	4-A920	4-A921	4-A922	4-A923	4-A924	4-A925	4-A926	4-A927	4-A928	4-A929	4-A930	4-A931	4-A932	4-A933	4-A934	4-A935	4-A936	4-A937	4-A938	4-A939	4-A940	4-A941	4-A942	4-A943	4-A944	4-A945	4-A946	4-A947	4-A948	4-A949	4-A950	4-A951	4-A952	4-A953	4-A954	4-A955	4-A956	4-A957	4-A958	4-A959	4-A960	4-A961	4-A962	4-A963	4-A964	4-A965	4-A966	4-A967	4-A968	4-A969	4-A970	4-A971	4-A972	4-A973	4-A974	4-A975	4-A976	4-A977	4-A978	4-A979	4-A980	4-A981	4-A982	4-A983	4-A984	4-A985	4-A986	4-A987	4-A988	4-A989	4-A990	4-A991	4-A992	4-A993	4-A994	4-A995	4-A996	4-A997	4-A998	4-A999	4-A1000	4-A1001	4-A1002	4-A1003	4-A1004	4-A1005	4-A1006	4-A1007	4-A1008	4-A1009	4-A1010	4-A1011	4-A1012	4-A1013	4-A1014	4-A1015	4-A1016	4-A1017	4-A1018	4-A1019	4-A1020	4-A1021	4-A1022	4-A1023	4-A1024	4-A1025	4-A1026	4-A1027	4-A1028	4-A1029	4-A1030	4-A1031	4-A1032	4-A1033	4-A1034	4-A1035	4-A1036	4-A1037	4-A1038	4-A1039	4-A1040	4-A1041	4-A1042	4-A1043	4-A1044	4-A1045	4-A1046	4-A1047	4-A1048	4-A1049	4-A1050	4-A1051	4-A1052	4-A1053	4-A1054	4-A1055	4-A1056	4-A1057	4-A1058	4-A1059	4-A1060	4-A1061	4-A1062	4-A1063	4-A1064	4-A1065	4-A1066	4-A1067	4-A1068	4-A1069	4-A1070	4-A1071	4-A1072	4-A1073	4-A1074	4-A1075	4-A1076	4-A1077	4-A1078	4-A1079	4-A1080	4-A1081	4-A1082	4-A1083	4-A1084	4-A1085	4-A1086	4-A1087	4-A1088	4-A1089	4-A1090	4-A1091	4-A1092	4-A1093	4-A1094	4-A1095	4-A1096	4-A1097	4-A1098	4-A1099	4-A1100	4-A1101	4-A1102	4-A1103	4-A1104	4-A1105	4-A1106	4-A1107	4-A1108	4-A1109	4-A1110	4-A1111	4-A1112	4-A1113	4-A1114	4-A1115	4-A1116	4-A1117	4-A1118	4-A1119	4-A1120	4-A1121	4-A1122	4-A1123	4-A1124	4-A1125	4-A1126	4-A1127	4-A1128	4-A1129	4-A1130	4-A1131	4-A1132	4-A1133	4-A1134	4-A1135	4-A1136	4-A1137	4-A1138	4-A1139	4-A1140	4-A1141	4-A1142	4-A1143	4-A1144	4-A1145	4-A1146	4-A1147	4-A1148	4-A1149	4-A1150	4-A1151	4-A1152	4-A1153	4-A1154	4-A1155	4-A1156	4-A1157	4-A1158	4-A1159	4-A1160	4-A1161	4-A1162	4-A1163	4-A1164	4-A1165	4-A1166	4-A1167	4-A1168	4-A1169	4-A1170	4-A1171	4-A1172	4-A1173	4-A1174	4-A1175	4-A1176	4-A1177	4-A1178	4-A1179	4-A1180	4-A1181	4-A1182	4-A1183	4-A1184	4-A1185	4-A1186	4-A1187	4-A1188	4-A1189	4-A1190	4-A1191	4-A1192	4-A1193	4-A1194	4-A1195	4-A1196	4-A1197	4-A1198	4-A1199	4-A1200	4-A1201	4-A1202	4-A1203	4-A1204	4-A1205	4-A1206	4-A1207	4-A1208	4-A1209	4-A1210	4-A1211	4-A1212	4-A1213	4-A1214	4-A1215	4-A1216	4-A1217	4-A1218	4-A1219	4-A1220	4-A1221	4-A1222	4-A1223	4-A1224	4-A1225	4-A1226	4-A1227
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TABLE 12 - HISTORICAL GROUNDWATER ANALYTICAL DATA - METAL PARAMETERS

Year	Month	Day	Time	Lat	Long	Alt	Temp	Hum	Wind	Pres	Cloud	Vis	WindDir	WindSpd	TempDiff	HumDiff	WindDiff	PresDiff	CloudDiff	VisDiff	WindDirDiff	WindSpdDiff	TempDiff2	HumDiff2	WindDiff2	PresDiff2	CloudDiff2	VisDiff2	WindDirDiff2	WindSpdDiff2	TempDiff3	HumDiff3	WindDiff3	PresDiff3	CloudDiff3	VisDiff3	WindDirDiff3	WindSpdDiff3	TempDiff4	HumDiff4	WindDiff4	PresDiff4	CloudDiff4	VisDiff4	WindDirDiff4	WindSpdDiff4	TempDiff5	HumDiff5	WindDiff5	PresDiff5	CloudDiff5	VisDiff5	WindDirDiff5	WindSpdDiff5	TempDiff6	HumDiff6	WindDiff6	PresDiff6	CloudDiff6	VisDiff6	WindDirDiff6	WindSpdDiff6	TempDiff7	HumDiff7	WindDiff7	PresDiff7	CloudDiff7	VisDiff7	WindDirDiff7	WindSpdDiff7	TempDiff8	HumDiff8	WindDiff8	PresDiff8	CloudDiff8	VisDiff8	WindDirDiff8	WindSpdDiff8	TempDiff9	HumDiff9	WindDiff9	PresDiff9	CloudDiff9	VisDiff9	WindDirDiff9	WindSpdDiff9	TempDiff10	HumDiff10	WindDiff10	PresDiff10	CloudDiff10	VisDiff10	WindDirDiff10	WindSpdDiff10	TempDiff11	HumDiff11	WindDiff11	PresDiff11	CloudDiff11	VisDiff11	WindDirDiff11	WindSpdDiff11	TempDiff12	HumDiff12	WindDiff12	PresDiff12	CloudDiff12	VisDiff12	WindDirDiff12	WindSpdDiff12	TempDiff13	HumDiff13	WindDiff13	PresDiff13	CloudDiff13	VisDiff13	WindDirDiff13	WindSpdDiff13	TempDiff14	HumDiff14	WindDiff14	PresDiff14	CloudDiff14	VisDiff14	WindDirDiff14	WindSpdDiff14	TempDiff15	HumDiff15	WindDiff15	PresDiff15	CloudDiff15	VisDiff15	WindDirDiff15	WindSpdDiff15	TempDiff16	HumDiff16	WindDiff16	PresDiff16	CloudDiff16	VisDiff16	WindDirDiff16	WindSpdDiff16	TempDiff17	HumDiff17	WindDiff17	PresDiff17	CloudDiff17	VisDiff17	WindDirDiff17	WindSpdDiff17	TempDiff18	HumDiff18	WindDiff18	PresDiff18	CloudDiff18	VisDiff18	WindDirDiff18	WindSpdDiff18	TempDiff19	HumDiff19	WindDiff19	PresDiff19	CloudDiff19	VisDiff19	WindDirDiff19	WindSpdDiff19	TempDiff20	HumDiff20	WindDiff20	PresDiff20	CloudDiff20	VisDiff20	WindDirDiff20	WindSpdDiff20	TempDiff21	HumDiff21	WindDiff21	PresDiff21	CloudDiff21	VisDiff21	WindDirDiff21	WindSpdDiff21	TempDiff22	HumDiff22	WindDiff22	PresDiff22	CloudDiff22	VisDiff22	WindDirDiff22	WindSpdDiff22	TempDiff23	HumDiff23	WindDiff23	PresDiff23	CloudDiff23	VisDiff23	WindDirDiff23	WindSpdDiff23	TempDiff24	HumDiff24	WindDiff24	PresDiff24	CloudDiff24	VisDiff24	WindDirDiff24	WindSpdDiff24	TempDiff25	HumDiff25	WindDiff25	PresDiff25	CloudDiff25	VisDiff25	WindDirDiff25	WindSpdDiff25	TempDiff26	HumDiff26	WindDiff26	PresDiff26	CloudDiff26	VisDiff26	WindDirDiff26	WindSpdDiff26	TempDiff27	HumDiff27	WindDiff27	PresDiff27	CloudDiff27	VisDiff27	WindDirDiff27	WindSpdDiff27	TempDiff28	HumDiff28	WindDiff28	PresDiff28	CloudDiff28	VisDiff28	WindDirDiff28	WindSpdDiff28	TempDiff29	HumDiff29	WindDiff29	PresDiff29	CloudDiff29	VisDiff29	WindDirDiff29	WindSpdDiff29	TempDiff30	HumDiff30	WindDiff30	PresDiff30	CloudDiff30	VisDiff30	WindDirDiff30	WindSpdDiff30	TempDiff31	HumDiff31	WindDiff31	PresDiff31	CloudDiff31	VisDiff31	WindDirDiff31	WindSpdDiff31	TempDiff32	HumDiff32	WindDiff32	PresDiff32	CloudDiff32	VisDiff32	WindDirDiff32	WindSpdDiff32	TempDiff33	HumDiff33	WindDiff33	PresDiff33	CloudDiff33	VisDiff33	WindDirDiff33	WindSpdDiff33	TempDiff34	HumDiff34	WindDiff34	PresDiff34	CloudDiff34	VisDiff34	WindDirDiff34	WindSpdDiff34	TempDiff35	HumDiff35	WindDiff35	PresDiff35	CloudDiff35	VisDiff35	WindDirDiff35	WindSpdDiff35	TempDiff36	HumDiff36	WindDiff36	PresDiff36	CloudDiff36	VisDiff36	WindDirDiff36	WindSpdDiff36	TempDiff37	HumDiff37	WindDiff37	PresDiff37	CloudDiff37	VisDiff37	WindDirDiff37	WindSpdDiff37	TempDiff38	HumDiff38	WindDiff38	PresDiff38	CloudDiff38	VisDiff38	WindDirDiff38	WindSpdDiff38	TempDiff39	HumDiff39	WindDiff39	PresDiff39	CloudDiff39	VisDiff39	WindDirDiff39	WindSpdDiff39	TempDiff40	HumDiff40	WindDiff40	PresDiff40	CloudDiff40	VisDiff40	WindDirDiff40	WindSpdDiff40	TempDiff41	HumDiff41	WindDiff41	PresDiff41	CloudDiff41	VisDiff41	WindDirDiff41	WindSpdDiff41	TempDiff42	HumDiff42	WindDiff42	PresDiff42	CloudDiff42	VisDiff42	WindDirDiff42	WindSpdDiff42	TempDiff43	HumDiff43	WindDiff43	PresDiff43	CloudDiff43	VisDiff43	WindDirDiff43	WindSpdDiff43	TempDiff44	HumDiff44	WindDiff44	PresDiff44	CloudDiff44	VisDiff44	WindDirDiff44	WindSpdDiff44	TempDiff45	HumDiff45	WindDiff45	PresDiff45	CloudDiff45	VisDiff45	WindDirDiff45	WindSpdDiff45	TempDiff46	HumDiff46	WindDiff46	PresDiff46	CloudDiff46	VisDiff46	WindDirDiff46	WindSpdDiff46	TempDiff47	HumDiff47	WindDiff47	PresDiff47	CloudDiff47	VisDiff47	WindDirDiff47	WindSpdDiff47	TempDiff48	HumDiff48	WindDiff48	PresDiff48	CloudDiff48	VisDiff48	WindDirDiff48	WindSpdDiff48	TempDiff49	HumDiff49	WindDiff49	PresDiff49	CloudDiff49	VisDiff49	WindDirDiff49	WindSpdDiff49	TempDiff50	HumDiff50	WindDiff50	PresDiff50	CloudDiff50	VisDiff50	WindDirDiff50	WindSpdDiff50	TempDiff51	HumDiff51	WindDiff51	PresDiff51	CloudDiff51	VisDiff51	WindDirDiff51	WindSpdDiff51	TempDiff52	HumDiff52	WindDiff52	PresDiff52	CloudDiff52	VisDiff52	WindDirDiff52	WindSpdDiff52	TempDiff53	HumDiff53	WindDiff53	PresDiff53	CloudDiff53	VisDiff53	WindDirDiff53	WindSpdDiff53	TempDiff54	HumDiff54	WindDiff54	PresDiff54	CloudDiff54	VisDiff54	WindDirDiff54	WindSpdDiff54	TempDiff55	HumDiff55	WindDiff55	PresDiff55	CloudDiff55	VisDiff55	WindDirDiff55	WindSpdDiff55	TempDiff56	HumDiff56	WindDiff56	PresDiff56	CloudDiff56	VisDiff56	WindDirDiff56	WindSpdDiff56	TempDiff57	HumDiff57	WindDiff57	PresDiff57	CloudDiff57	VisDiff57	WindDirDiff57	WindSpdDiff57	TempDiff58	HumDiff58	WindDiff58	PresDiff58	CloudDiff58	VisDiff58	WindDirDiff58	WindSpdDiff58	TempDiff59	HumDiff59	WindDiff59	PresDiff59	CloudDiff59	VisDiff59	WindDirDiff59	WindSpdDiff59	TempDiff60	HumDiff60	WindDiff60	PresDiff60	CloudDiff60	VisDiff60	WindDirDiff60	WindSpdDiff60	TempDiff61	HumDiff61	WindDiff61	PresDiff61	CloudDiff61	VisDiff61	WindDirDiff61	WindSpdDiff61	TempDiff62	HumDiff62	WindDiff62	PresDiff62	CloudDiff62	VisDiff62	WindDirDiff62	WindSpdDiff62	TempDiff63	HumDiff63	WindDiff63	PresDiff63	CloudDiff63	VisDiff63	WindDirDiff63	WindSpdDiff63	TempDiff64	HumDiff64	WindDiff64	PresDiff64	CloudDiff64	VisDiff64	WindDirDiff64	WindSpdDiff64	TempDiff65	HumDiff65	WindDiff65	PresDiff65	CloudDiff65	VisDiff65	WindDirDiff65	WindSpdDiff65	TempDiff66	HumDiff66	WindDiff66	PresDiff66	CloudDiff66	VisDiff66	WindDirDiff66	WindSpdDiff66	TempDiff67	HumDiff67	WindDiff67	PresDiff67	CloudDiff67	VisDiff67	WindDirDiff67	WindSpdDiff67	TempDiff68	HumDiff68	WindDiff68	PresDiff68	CloudDiff68	VisDiff68	WindDirDiff68	WindSpdDiff68	TempDiff69	HumDiff69	WindDiff69	PresDiff69	CloudDiff69	VisDiff69	WindDirDiff69	WindSpdDiff69	TempDiff70	HumDiff70	WindDiff70	PresDiff70	CloudDiff70	VisDiff70	WindDirDiff70	WindSpdDiff70	TempDiff71	HumDiff71	WindDiff71	PresDiff71	CloudDiff71	VisDiff71	WindDirDiff71	WindSpdDiff71	TempDiff72	HumDiff72	WindDiff72	PresDiff72	CloudDiff72	VisDiff72	WindDirDiff72	WindSpdDiff72	TempDiff73	HumDiff73	WindDiff73	PresDiff73	CloudDiff73	VisDiff73	WindDirDiff73	WindSpdDiff73	TempDiff74	HumDiff74	WindDiff74	PresDiff74	CloudDiff74	VisDiff74	WindDirDiff74	WindSpdDiff74	TempDiff75	HumDiff75	WindDiff75	PresDiff75	CloudDiff75	VisDiff75	WindDirDiff75	WindSpdDiff75	TempDiff76	HumDiff76	WindDiff76	PresDiff76	CloudDiff76	VisDiff76	WindDirDiff76	WindSpdDiff76	TempDiff77	HumDiff77	WindDiff77	PresDiff77	CloudDiff77	VisDiff77	WindDirDiff77	WindSpdDiff77	TempDiff78	HumDiff78	WindDiff78	PresDiff78	CloudDiff78	VisDiff78	WindDirDiff78	WindSpdDiff78	TempDiff79	HumDiff79	WindDiff79	PresDiff79	CloudDiff79	VisDiff79	WindDirDiff79	WindSpdDiff79	TempDiff80	HumDiff80	WindDiff80	PresDiff80	CloudDiff80	VisDiff80	WindDirDiff80	WindSpdDiff80	TempDiff81	HumDiff81	WindDiff81	PresDiff81	CloudDiff81	VisDiff81	WindDirDiff81	WindSpdDiff81	TempDiff82	HumDiff82	WindDiff82	PresDiff82	CloudDiff82	VisDiff82	WindDirDiff82	WindSpdDiff82	TempDiff83	HumDiff83	WindDiff83	PresDiff83	CloudDiff83	VisDiff83	WindDirDiff83	WindSpdDiff83	TempDiff84	HumDiff84	WindDiff84	PresDiff84	CloudDiff84	VisDiff84	WindDirDiff84	WindSpdDiff84	TempDiff85	HumDiff85	WindDiff85	PresDiff85	CloudDiff85	VisDiff85	WindDirDiff85	WindSpdDiff85	TempDiff86	HumDiff86	WindDiff86	PresDiff86	CloudDiff86	VisDiff86	WindDirDiff86	WindSpdDiff86	TempDiff87	HumDiff87	WindDiff87	PresDiff87	CloudDiff87	VisDiff87	WindDirDiff87	WindSpdDiff87	TempDiff88	HumDiff88	WindDiff88	PresDiff88	CloudDiff88	VisDiff88	WindDirDiff88	WindSpdDiff88	TempDiff89	HumDiff89	WindDiff89	PresDiff89	CloudDiff89	VisDiff89	WindDirDiff89	WindSpdDiff89	TempDiff90	HumDiff90	WindDiff90	PresDiff90	CloudDiff90	VisDiff90	WindDirDiff90	WindSpdDiff90	TempDiff91	HumDiff91	WindDiff91	PresDiff91	CloudDiff91	VisDiff91	WindDirDiff91	WindSpdDiff91	TempDiff92	HumDiff92	WindDiff92	PresDiff92	CloudDiff92	VisDiff92	WindDirDiff92	WindSpdDiff92	TempDiff93	HumDiff93	WindDiff93	PresDiff93	CloudDiff93	VisDiff93	WindDirDiff93	WindSpdDiff93	TempDiff94	HumDiff94	WindDiff94	PresDiff94	CloudDiff94	VisDiff94	WindDirDiff94	WindSpdDiff94	TempDiff95	HumDiff95	WindDiff95	PresDiff95	CloudDiff95	VisDiff95	WindDirDiff95	WindSpdDiff95	TempDiff96	HumDiff96	WindDiff96	PresDiff96	CloudDiff96	VisDiff96	WindDirDiff96	WindSpdDiff96	TempDiff97	HumDiff97	WindDiff97	PresDiff97	CloudDiff97	VisDiff97	WindDirDiff97	WindSpdDiff97	TempDiff98	HumDiff98	WindDiff98	PresDiff98	CloudDiff98	VisDiff98	WindDirDiff98	WindSpdDiff98	TempDiff99	HumDiff99	WindDiff99	PresDiff99	CloudDiff99	VisDiff99	WindDirDiff99	WindSpdDiff99	TempDiff100	HumDiff100	WindDiff100	PresDiff100	CloudDiff100	VisDiff100	WindDirDiff100	WindSpdDiff100
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TABLE 12 - HISTORICAL GROUNDWATER ANALYTICAL DATA - METAL PARAMETERS

Sample	6-AJ	6-BB	6-CC	6-DD	6-EE	6-FF	6-GG	6-HH	6-II	6-JJ	6-KK	6-LL	6-MM	6-NN	6-OO	6-PP	6-QQ	6-RR	6-S	6-T	6-U	6-V	6-W	6-X	6-Y	6-Z	6-AA	6-BB	6-CC	6-DD	6-EE	6-FF	6-GG	6-HH	6-II	6-JJ	6-KK	6-LL	6-MM	6-NN	6-OO	6-PP	6-QQ	6-RR	6-S	6-T	6-U	6-V	6-W	6-X	6-Y	6-Z																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
Time	10:00	10:05	10:10	10:15	10:20	10:25	10:30	10:35	10:40	10:45	10:50	10:55	11:00	11:05	11:10	11:15	11:20	11:25	11:30	11:35	11:40	11:45	11:50	11:55	12:00	12:05	12:10	12:15	12:20	12:25	12:30	12:35	12:40	12:45	12:50	12:55	13:00	13:05	13:10	13:15	13:20	13:25	13:30	13:35	13:40	13:45	13:50	13:55	14:00	14:05	14:10	14:15	14:20	14:25	14:30	14:35	14:40	14:45	14:50	14:55	15:00	15:05	15:10	15:15	15:20	15:25	15:30	15:35	15:40	15:45	15:50	15:55	16:00	16:05	16:10	16:15	16:20	16:25	16:30	16:35	16:40	16:45	16:50	16:55	17:00	17:05	17:10	17:15	17:20	17:25	17:30	17:35	17:40	17:45	17:50	17:55	18:00	18:05	18:10	18:15	18:20	18:25	18:30	18:35	18:40	18:45	18:50	18:55	19:00	19:05	19:10	19:15	19:20	19:25	19:30	19:35	19:40	19:45	19:50	19:55	20:00	20:05	20:10	20:15	20:20	20:25	20:30	20:35	20:40	20:45	20:50	20:55	21:00	21:05	21:10	21:15	21:20	21:25	21:30	21:35	21:40	21:45	21:50	21:55	22:00	22:05	22:10	22:15	22:20	22:25	22:30	22:35	22:40	22:45	22:50	22:55	23:00	23:05	23:10	23:15	23:20	23:25	23:30	23:35	23:40	23:45	23:50	23:55	24:00	24:05	24:10	24:15	24:20	24:25	24:30	24:35	24:40	24:45	24:50	24:55	25:00	25:05	25:10	25:15	25:20	25:25	25:30	25:35	25:40	25:45	25:50	25:55	26:00	26:05	26:10	26:15	26:20	26:25	26:30	26:35	26:40	26:45	26:50	26:55	27:00	27:05	27:10	27:15	27:20	27:25	27:30	27:35	27:40	27:45	27:50	27:55	28:00	28:05	28:10	28:15	28:20	28:25	28:30	28:35	28:40	28:45	28:50	28:55	29:00	29:05	29:10	29:15	29:20	29:25	29:30	29:35	29:40	29:45	29:50	29:55	30:00	30:05	30:10	30:15	30:20	30:25	30:30	30:35	30:40	30:45	30:50	30:55	31:00	31:05	31:10	31:15	31:20	31:25	31:30	31:35	31:40	31:45	31:50	31:55	32:00	32:05	32:10	32:15	32:20	32:25	32:30	32:35	32:40	32:45	32:50	32:55	33:00	33:05	33:10	33:15	33:20	33:25	33:30	33:35	33:40	33:45	33:50	33:55	34:00	34:05	34:10	34:15	34:20	34:25	34:30	34:35	34:40	34:45	34:50	34:55	35:00	35:05	35:10	35:15	35:20	35:25	35:30	35:35	35:40	35:45	35:50	35:55	36:00	36:05	36:10	36:15	36:20	36:25	36:30	36:35	36:40	36:45	36:50	36:55	37:00	37:05	37:10	37:15	37:20	37:25	37:30	37:35	37:40	37:45	37:50	37:55	38:00	38:05	38:10	38:15	38:20	38:25	38:30	38:35	38:40	38:45	38:50	38:55	39:00	39:05	39:10	39:15	39:20	39:25	39:30	39:35	39:40	39:45	39:50	39:55	40:00	40:05	40:10	40:15	40:20	40:25	40:30	40:35	40:40	40:45	40:50	40:55	41:00	41:05	41:10	41:15	41:20	41:25	41:30	41:35	41:40	41:45	41:50	41:55	42:00	42:05	42:10	42:15	42:20	42:25	42:30	42:35	42:40	42:45	42:50	42:55	43:00	43:05	43:10	43:15	43:20	43:25	43:30	43:35	43:40	43:45	43:50	43:55	44:00	44:05	44:10	44:15	44:20	44:25	44:30	44:35	44:40	44:45	44:50	44:55	45:00	45:05	45:10	45:15	45:20	45:25	45:30	45:35	45:40	45:45	45:50	45:55	46:00	46:05	46:10	46:15	46:20	46:25	46:30	46:35	46:40	46:45	46:50	46:55	47:00	47:05	47:10	47:15	47:20	47:25	47:30	47:35	47:40	47:45	47:50	47:55	48:00	48:05	48:10	48:15	48:20	48:25	48:30	48:35	48:40	48:45	48:50	48:55	49:00	49:05	49:10	49:15	49:20	49:25	49:30	49:35	49:40	49:45	49:50	49:55	50:00	50:05	50:10	50:15	50:20	50:25	50:30	50:35	50:40	50:45	50:50	50:55	51:00	51:05	51:10	51:15	51:20	51:25	51:30	51:35	51:40	51:45	51:50	51:55	52:00	52:05	52:10	52:15	52:20	52:25	52:30	52:35	52:40	52:45	52:50	52:55	53:00	53:05	53:10	53:15	53:20	53:25	53:30	53:35	53:40	53:45	53:50	53:55	54:00	54:05	54:10	54:15	54:20	54:25	54:30	54:35	54:40	54:45	54:50	54:55	55:00	55:05	55:10	55:15	55:20	55:25	55:30	55:35	55:40	55:45	55:50	55:55	56:00	56:05	56:10	56:15	56:20	56:25	56:30	56:35	56:40	56:45	56:50	56:55	57:00	57:05	57:10	57:15	57:20	57:25	57:30	57:35	57:40	57:45	57:50	57:55	58:00	58:05	58:10	58:15	58:20	58:25	58:30	58:35	58:40	58:45	58:50	58:55	59:00	59:05	59:10	59:15	59:20	59:25	59:30	59:35	59:40	59:45	59:50	59:55	60:00	60:05	60:10	60:15	60:20	60:25	60:30	60:35	60:40	60:45	60:50	60:55	61:00	61:05	61:10	61:15	61:20	61:25	61:30	61:35	61:40	61:45	61:50	61:55	62:00	62:05	62:10	62:15	62:20	62:25	62:30	62:35	62:40	62:45	62:50	62:55	63:00	63:05	63:10	63:15	63:20	63:25	63:30	63:35	63:40	63:45	63:50	63:55	64:00	64:05	64:10	64:15	64:20	64:25	64:30	64:35	64:40	64:45	64:50	64:55	65:00	65:05	65:10	65:15	65:20	65:25	65:30	65:35	65:40	65:45	65:50	65:55	66:00	66:05	66:10	66:15	66:20	66:25	66:30	66:35	66:40	66:45	66:50	66:55	67:00	67:05	67:10	67:15	67:20	67:25	67:30	67:35	67:40	67:45	67:50	67:55	68:00	68:05	68:10	68:15	68:20	68:25	68:30	68:35	68:40	68:45	68:50	68:55	69:00	69:05	69:10	69:15	69:20	69:25	69:30	69:35	69:40	69:45	69:50	69:55	70:00	70:05	70:10	70:15	70:20	70:25	70:30	70:35	70:40	70:45	70:50	70:55	71:00	71:05	71:10	71:15	71:20	71:25	71:30	71:35	71:40	71:45	71:50	71:55	72:00	72:05	72:10	72:15	72:20	72:25	72:30	72:35	72:40	72:45	72:50	72:55	73:00	73:05	73:10	73:15	73:20	73:25	73:30	73:35	73:40	73:45	73:50	73:55	74:00	74:05	74:10	74:15	74:20	74:25	74:30	74:35	74:40	74:45	74:50	74:55	75:00	75:05	75:10	75:15	75:20	75:25	75:30	75:35	75:40	75:45	75:50	75:55	76:00	76:05	76:10	76:15	76:20	76:25	76:30	76:35	76:40	76:45	76:50	76:55	77:00	77:05	77:10	77:15	77:20	77:25	77:30	77:35	77:40	77:45	77:50	77:55	78:00	78:05	78:10	78:15	78:20	78:25	78:30	78:35	78:40	78:45	78:50	78:55	79:00	79:05	79:10	79:15	79:20	79:25	79:30	79:35	79:40	79:45	79:50	79:55	80:00	80:05	80:10	80:15	80:20	80:25	80:30	80:35	80:40	80:45	80:50	80:55	81:00	81:05	81:10	81:15	81:20	81:25	81:30	81:35	81:40	81:45	81:50	81:55	82:00	82:05	82:10	82:15	82:20	82:25	82:30	82:35	82:40	82:45	82:50	82:55	83:00	83:05	83:10	83:15	83:20	83:25	83:30	83:35	83:40	83:45	83:50	83:55	84:00	84:05	84:10	84:15	84:20	84:25	84:30	84:35	84:40	84:45	84:50	84:55	85:00	85:05	85:10	85:15	85:20	85:25	85:30	85:35	85:40	85:45	85:50	85:55	86:00	86:05	86:10	86:15	86:20	86:25	86:30	86:35	86:40	86:45	86:50	86:55	87:00	87:05	87:10	87:15	87:20	87:25	87:30	87:35	87:40	87:45	87:50	87:55	88:00	88:05	88:10	88:15	88:20	88:25	88:30	88:35	88:40	88:45	88:50	88:55	89:00	89:05	89:10	89:15	89:20	89:25	89:30	89:35	89:40	89:45	89:50	89:55	90:00	90:05	90:10	90:15	90:20	90:25	90:30	90:35	90:40	90:45	90:50	90:55	91:00	91:05	91:10	91:15	91:20	91:25	91:30	91:35	91:40	91:45	91:50	91:55	92:00	92:05	92:10	92:15	92:20	92:25	92:30	92:35	92:40	92:45	92:50	92:55	93:00	93:05	93:10	93:15	93:20	93:25	93:30	93:35	93:40	93:45	93:50	93:55	94:00	94:05	94:10	94:15	94:20	94:25	94:30	94:35	94:40	94:45	94:50	94:55	95:00	95:05	95:10	95:15	95:20	95:25	95:30	95:35	95:40	95:45	95:50	95:55	96:00	96:05	96:10	96:15	96:20	96:25	96:30	96:35	96:40	96:45	96:50	96:55	97:00	97:05	97:10	97:15	97:20	97:25	97:30	97:35	97:40	97:45	97:50	97:55	98:00	98:05	98:10	98:15	98:20	98:25	98:30	98:35	98:40	98:45	98:50	98:55	99:00	99:05	99:10	99:15	99:20	99:25	99:30	99:35	99:40	99:45	99:50	99:55	100:00	100:05	100:10	100:15	100:20	100:25	100:30	100:35	100:40	100:45	100:50	100:55	101:00	101:05	101:10	101:15	101:20	101:25	101:30	101:35	101:40	101:45	101:50	101:55	102:00	102:05	102:10	102:15	102:20	102:25	102:30	102:35	102:40	102:45	102:50	102:55	103:00	103:05	103:10	103:15	103:20	103:25	103:30	103:35	103:40	103:45	103:50	103:55	104:00	104:05	104:10	104:15	104:20	104:25	104:30	104:35	104:40	104:45	104:50	104:55	105:00	105:05	105:10	105:15	105:20	105:25	105:30	105:35	105:40	105:45	105:50	105:55	106:00	106:05	106:10	106:15	106:20	106:25	106:30	106:35	106:40	106:45	106:50	106:55	107:00	107:05	107:10	107:15	107:20	107:25	107:30	107:35	107:40	107:45	107:50	107:55	108:00	108:05	108:10	108:15	108:20	108:25	108:30	108:35	108:40	108:45	108

TABLE 17 - HISTORICAL GROUNDWATER ANALYTICAL DATA - METAL PARAMETERS

Sample	4-1	4-2	4-3	4-4	4-5	4-6	4-7	4-8	4-9	4-10	4-11	4-12	4-13	4-14	4-15	4-16	4-17	4-18	4-19	4-20	4-21	4-22	4-23	4-24	4-25	4-26	4-27	4-28	4-29	4-30	4-31	4-32	4-33	4-34	4-35	4-36	4-37	4-38	4-39	4-40	4-41	4-42	4-43	4-44	4-45	4-46	4-47	4-48	4-49	4-50	4-51	4-52	4-53	4-54	4-55	4-56	4-57	4-58	4-59	4-60	4-61	4-62	4-63	4-64	4-65	4-66	4-67	4-68	4-69	4-70	4-71	4-72	4-73	4-74	4-75	4-76	4-77	4-78	4-79	4-80	4-81	4-82	4-83	4-84	4-85	4-86	4-87	4-88	4-89	4-90	4-91	4-92	4-93	4-94	4-95	4-96	4-97	4-98	4-99	4-100	4-101	4-102	4-103	4-104	4-105	4-106	4-107	4-108	4-109	4-110	4-111	4-112	4-113	4-114	4-115	4-116	4-117	4-118	4-119	4-120	4-121	4-122	4-123	4-124	4-125	4-126	4-127	4-128	4-129	4-130	4-131	4-132	4-133	4-134	4-135	4-136	4-137	4-138	4-139	4-140	4-141	4-142	4-143	4-144	4-145	4-146	4-147	4-148	4-149	4-150	4-151	4-152	4-153	4-154	4-155	4-156	4-157	4-158	4-159	4-160	4-161	4-162	4-163	4-164	4-165	4-166	4-167	4-168	4-169	4-170	4-171	4-172	4-173	4-174	4-175	4-176	4-177	4-178	4-179	4-180	4-181	4-182	4-183	4-184	4-185	4-186	4-187	4-188	4-189	4-190	4-191	4-192	4-193	4-194	4-195	4-196	4-197	4-198	4-199	4-200	4-201	4-202	4-203	4-204	4-205	4-206	4-207	4-208	4-209	4-210	4-211	4-212	4-213	4-214	4-215	4-216	4-217	4-218	4-219	4-220	4-221	4-222	4-223	4-224	4-225	4-226	4-227	4-228	4-229	4-230	4-231	4-232	4-233	4-234	4-235	4-236	4-237	4-238	4-239	4-240	4-241	4-242	4-243	4-244	4-245	4-246	4-247	4-248	4-249	4-250	4-251	4-252	4-253	4-254	4-255	4-256	4-257	4-258	4-259	4-260	4-261	4-262	4-263	4-264	4-265	4-266	4-267	4-268	4-269	4-270	4-271	4-272	4-273	4-274	4-275	4-276	4-277	4-278	4-279	4-280	4-281	4-282	4-283	4-284	4-285	4-286	4-287	4-288	4-289	4-290	4-291	4-292	4-293	4-294	4-295	4-296	4-297	4-298	4-299	4-300	4-301	4-302	4-303	4-304	4-305	4-306	4-307	4-308	4-309	4-310	4-311	4-312	4-313	4-314	4-315	4-316	4-317	4-318	4-319	4-320	4-321	4-322	4-323	4-324	4-325	4-326	4-327	4-328	4-329	4-330	4-331	4-332	4-333	4-334	4-335	4-336	4-337	4-338	4-339	4-340	4-341	4-342	4-343	4-344	4-345	4-346	4-347	4-348	4-349	4-350	4-351	4-352	4-353	4-354	4-355	4-356	4-357	4-358	4-359	4-360	4-361	4-362	4-363	4-364	4-365	4-366	4-367	4-368	4-369	4-370	4-371	4-372	4-373	4-374	4-375	4-376	4-377	4-378	4-379	4-380	4-381	4-382	4-383	4-384	4-385	4-386	4-387	4-388	4-389	4-390	4-391	4-392	4-393	4-394	4-395	4-396	4-397	4-398	4-399	4-400	4-401	4-402	4-403	4-404	4-405	4-406	4-407	4-408	4-409	4-410	4-411	4-412	4-413	4-414	4-415	4-416	4-417	4-418	4-419	4-420	4-421	4-422	4-423	4-424	4-425	4-426	4-427	4-428	4-429	4-430	4-431	4-432	4-433	4-434	4-435	4-436	4-437	4-438	4-439	4-440	4-441	4-442	4-443	4-444	4-445	4-446	4-447	4-448	4-449	4-450	4-451	4-452	4-453	4-454	4-455	4-456	4-457	4-458	4-459	4-460	4-461	4-462	4-463	4-464	4-465	4-466	4-467	4-468	4-469	4-470	4-471	4-472	4-473	4-474	4-475	4-476	4-477	4-478	4-479	4-480	4-481	4-482	4-483	4-484	4-485	4-486	4-487	4-488	4-489	4-490	4-491	4-492	4-493	4-494	4-495	4-496	4-497	4-498	4-499	4-500	4-501	4-502	4-503	4-504	4-505	4-506	4-507	4-508	4-509	4-510	4-511	4-512	4-513	4-514	4-515	4-516	4-517	4-518	4-519	4-520	4-521	4-522	4-523	4-524	4-525	4-526	4-527	4-528	4-529	4-530	4-531	4-532	4-533	4-534	4-535	4-536	4-537	4-538	4-539	4-540	4-541	4-542	4-543	4-544	4-545	4-546	4-547	4-548	4-549	4-550	4-551	4-552	4-553	4-554	4-555	4-556	4-557	4-558	4-559	4-560	4-561	4-562	4-563	4-564	4-565	4-566	4-567	4-568	4-569	4-570	4-571	4-572	4-573	4-574	4-575	4-576	4-577	4-578	4-579	4-580	4-581	4-582	4-583	4-584	4-585	4-586	4-587	4-588	4-589	4-590	4-591	4-592	4-593	4-594	4-595	4-596	4-597	4-598	4-599	4-600	4-601	4-602	4-603	4-604	4-605	4-606	4-607	4-608	4-609	4-610	4-611	4-612	4-613	4-614	4-615	4-616	4-617	4-618	4-619	4-620	4-621	4-622	4-623	4-624	4-625	4-626	4-627	4-628	4-629	4-630	4-631	4-632	4-633	4-634	4-635	4-636	4-637	4-638	4-639	4-640	4-641	4-642	4-643	4-644	4-645	4-646	4-647	4-648	4-649	4-650	4-651	4-652	4-653	4-654	4-655	4-656	4-657	4-658	4-659	4-660	4-661	4-662	4-663	4-664	4-665	4-666	4-667	4-668	4-669	4-670	4-671	4-672	4-673	4-674	4-675	4-676	4-677	4-678	4-679	4-680	4-681	4-682	4-683	4-684	4-685	4-686	4-687	4-688	4-689	4-690	4-691	4-692	4-693	4-694	4-695	4-696	4-697	4-698	4-699	4-700	4-701	4-702	4-703	4-704	4-705	4-706	4-707	4-708	4-709	4-710	4-711	4-712	4-713	4-714	4-715	4-716	4-717	4-718	4-719	4-720	4-721	4-722	4-723	4-724	4-725	4-726	4-727	4-728	4-729	4-730	4-731	4-732	4-733	4-734	4-735	4-736	4-737	4-738	4-739	4-740	4-741	4-742	4-743	4-744	4-745	4-746	4-747	4-748	4-749	4-750	4-751	4-752	4-753	4-754	4-755	4-756	4-757	4-758	4-759	4-760	4-761	4-762	4-763	4-764	4-765	4-766	4-767	4-768	4-769	4-770	4-771	4-772	4-773	4-774	4-775	4-776	4-777	4-778	4-779	4-780	4-781	4-782	4-783	4-784	4-785	4-786	4-787	4-788	4-789	4-790	4-791	4-792	4-793	4-794	4-795	4-796	4-797	4-798	4-799	4-800	4-801	4-802	4-803	4-804	4-805	4-806	4-807	4-808	4-809	4-810	4-811	4-812	4-813	4-814	4-815	4-816	4-817	4-818	4-819	4-820	4-821	4-822	4-823	4-824	4-825	4-826	4-827	4-828	4-829	4-830	4-831	4-832	4-833	4-834	4-835	4-836	4-837	4-838	4-839	4-840	4-841	4-842	4-843	4-844	4-845	4-846	4-847	4-848	4-849	4-850	4-851	4-852	4-853	4-854	4-855	4-856	4-857	4-858	4-859	4-860	4-861	4-862	4-863	4-864	4-865	4-866	4-867	4-868	4-869	4-870	4-871	4-872	4-873	4-874	4-875	4-876	4-877	4-878	4-879	4-880	4-881	4-882	4-883	4-884	4-885	4-886	4-887	4-888	4-889	4-890	4-891	4-892	4-893	4-894	4-895	4-896	4-897	4-898	4-899	4-900	4-901	4-902	4-903	4-904	4-905	4-906	4-907	4-908	4-909	4-910	4-911	4-912	4-913	4-914	4-915	4-916	4-917	4-918	4-919	4-920	4-921	4-922	4-923	4-924	4-925	4-926	4-927	4-928	4-929	4-930	4-931	4-932	4-933	4-934	4-935	4-936	4-937	4-938	4-939	4-940	4-941	4-942	4-943	4-944	4-945	4-946	4-947	4-948	4-949	4-950	4-951	4-952	4-953	4-954	4-955	4-956	4-957	4-958	4-959	4-960	4-961	4-962	4-963	4-964	4-965	4-966	4-967	4-968	4-969	4-970	4-971	4-972	4-973	4-974	4-975	4-976	4-977	4-978	4-979	4-980	4-981	4-982	4-983	4-984	4-985	4-986	4-987	4-988	4-989	4-990	4-991	4-992	4-993	4-994	4-995	4-996	4-997	4-998	4-999	5-000
Unit	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												

TABLE 12. HISTORICAL GROUNDWATER ANALYTICAL DATA - METAL PARAMETERS

Sample	0.1	0.5	1	5	10	20	30	40	50	60	70	80	90	100	150	200	300	400	500	600	700	800	900	1000	1500	2000	3000	4000	5000	6000	7000	8000	9000	10000	15000	20000	30000	40000	50000	60000	70000	80000	90000	100000	150000	200000	300000	400000	500000	600000	700000	800000	900000	1000000	1500000	2000000	3000000	4000000	5000000	6000000	7000000	8000000	9000000	10000000	15000000	20000000	30000000	40000000	50000000	60000000	70000000	80000000	90000000	100000000	150000000	200000000	300000000	400000000	500000000	600000000	700000000	800000000	900000000	1000000000	1500000000	2000000000	3000000000	4000000000	5000000000	6000000000	7000000000	8000000000	9000000000	10000000000	15000000000	20000000000	30000000000	40000000000	50000000000	60000000000	70000000000	80000000000	90000000000	100000000000	150000000000	200000000000	300000000000	400000000000	500000000000	600000000000	700000000000	800000000000	900000000000	1000000000000	1500000000000	2000000000000	3000000000000	4000000000000	5000000000000	6000000000000	7000000000000	8000000000000	9000000000000	10000000000000	15000000000000	20000000000000	30000000000000	40000000000000	50000000000000	60000000000000	70000000000000	80000000000000	90000000000000	100000000000000	150000000000000	200000000000000	300000000000000	400000000000000	500000000000000	600000000000000	700000000000000	800000000000000	900000000000000	1000000000000000	1500000000000000	2000000000000000	3000000000000000	4000000000000000	5000000000000000	6000000000000000	7000000000000000	8000000000000000	9000000000000000	10000000000000000	15000000000000000	20000000000000000	30000000000000000	40000000000000000	50000000000000000	60000000000000000	70000000000000000	80000000000000000	90000000000000000	100000000000000000	150000000000000000	200000000000000000	300000000000000000	400000000000000000	500000000000000000	600000000000000000	700000000000000000	800000000000000000	900000000000000000	1000000000000000000	1500000000000000000	2000000000000000000	3000000000000000000	4000000000000000000	5000000000000000000	6000000000000000000	7000000000000000000	8000000000000000000	9000000000000000000	10000000000000000000	15000000000000000000	20000000000000000000	30000000000000000000	40000000000000000000	50000000000000000000	60000000000000000000	70000000000000000000	80000000000000000000	90000000000000000000	100000000000000000000	150000000000000000000	200000000000000000000	300000000000000000000	400000000000000000000	500000000000000000000	600000000000000000000	700000000000000000000	800000000000000000000	900000000000000000000	1000000000000000000000	1500000000000000000000	2000000000000000000000	3000000000000000000000	4000000000000000000000	5000000000000000000000	6000000000000000000000	7000000000000000000000	8000000000000000000000	9000000000000000000000	10000000000000000000000	15000000000000000000000	20000000000000000000000	30000000000000000000000	40000000000000000000000	50000000000000000000000	60000000000000000000000	70000000000000000000000	80000000000000000000000	90000000000000000000000	100000000000000000000000	150000000000000000000000	200000000000000000000000	300000000000000000000000	400000000000000000000000	500000000000000000000000	600000000000000000000000	7000000000
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TABLE 12 - HISTORICAL GROUNDWATER ANALYTICAL DATA - METAL PARAMETERS

Year	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2433	2434	2435	2436	2437	2438	2439	2440	2441	2442	2443	2444	2445	2446	2447	2448	2449	2450	2451	2452	2453	2454	2455	2456	2457	2458	2459	2460	2461	2462	2463	2464	2465	2466	2467	2468	2469	2470	2471	2472	2473	2474	2475	2476	2477	2478	2479	2480	2481	2482	2483	2484	2485	2486	2487	2488	2489	2490	2491	2492	2493	2494	2495	2496	2497	2498	2499	2500	2501	2502	2503	2504	2505	2506	2507	2508	2509	2510	2511	2512	2513	2514	2515	2516	2517	2518	2519	2520	2521	2522	2523	2524	2525	2526	2527	2528	2529	2530	2531	2532	2533	2534	2535	2536	2537	2538	2539	2540	2541	2542	2543	2544	2545	2546	2547	2548	2549	2550	2551	2552	2553	2554	2555	2556	2557	2558	2559	2560	2561	2562	2563	2564	2565	2566	2567	2568	2569	2570	2571	2572	2573	2574	2575	2576	2577	2578	2579	2580	2581	2582	2583	2584	2585	2586	2587	2588	2589	2590	2591	2592	2593	2594	2595	2596	2597	2598	2599	2600	2601	2602	2603	2604	2605	2606	2607	2608	2609	2610	2611	2612	2613	2614	2615	2616	2617	2618	2619	2620	2621	2622	2623	2624	2625	2626	2627	2628	2629	2630	2631	2632	2633	2634	2635	2636	2637	2638	2639	2640	2641	2642	2643	2644	2645	2646	2647	2648	2649	2650	2651	2652	2653	2654	2655	2656	2657	2658	2659	2660	2661	2662	2663	2664	2665	2666	2667	2668	2669	2670	2671	2672	2673	2674	2675	2676	2677	2678	2679	2680	2681	2682	2683	2684	2685	2686	2687	2688	2689	2690	2691	2692	2693	2694	2695	2696	2697	2698	2699	2700	2701	2702	2703	2704	2705	2706	2707	2708	2709	2710	2711	2712	2713	2714	2715	2716	2717	2718	2719	2720	2721	2722	2723	2724	2725	2726	2727	2728	2729	2730	2731	2732	2733	2734	2735	2736	2737	2738	2739	2740	2741	2742	2743	2744	2745	2746	2747	2748	2749	2750	2751	2752	2753	2754	2755	2756	2757	2758	2759	2760	2761	2762	2763	2764	2765	2766	2767	2768	2769	2770	2771	2772	2773	2774	2775	2776	2777	2778	2779	2780	2781	2782	2783	2784	2785	2786	2787	2788	2789	2790	2791	2792	2793	2794	2795	2796	2797	2798	2799	2800	2801	2802	2803	2804	2805	2806	2807	2808	2809	2810	2811	2812	2813	2814	2815	2816	2817	2818	2819	2820	2821	2822	2823	2824	2825	2826	2827	2828	2829	2830	2831	2832	2833	2834	2835	2836	2837	2838	2839	2840	2841	2842	2843	2844	2845	2846	2847	2848	2849	2850	2851	2852	2853	2854	2855	2856	2857	2858	2859	2860	2861	2862	2863	2864	2865	2866	2867	2868	2869	2870	2871	2872	2873	2874	2875	2876	2877	2878	2879	2880	2881	2882	2883	2884	2885	2886	2887	2888	2889	2890	2891	2892	2893	2894	2895	2896	2897	2898	2899	2900	2901	2902	2903	2904	2905	2906	2907	2908	2909	2910	2911	2912	2913	2914	2915	2916	2917	2918	2919	2920	2921	2922	2923	2924	2925	2926	2927	2928	2929	2930	2931	2932	2933	2934	2935	2936	2937	2938	2939	2940	2941	2942	2943	2944	2945	2946	2947	2948	2949	2950	2951	2952	2953	2954	2955	2956	2957	2958	2959	2960	2961	2962	2963	2964	2965	2966	2967	2968	2969	2970	2971	2972	2973	2974	2975	2976	2977	2978	2979	2980	2981	2982	2983	2984	2985	2986	2987	2988	2989	2990	2991	2992	2993	2994	2995	2996	2997	2998	2999	3000
Year	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352</																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								

TABLE 13 - HISTORICAL GROUNDWATER ANALYTICAL DATA - WATER QUALITY PARAMETERS

Monitoring Well	Sample Date	Temp (C)	ALK (mg/l)	COD (mg/l)	Cl- (mg/l)	Cond umhos/cm	Hard (mg/l)	TOC (mg/l)	pH (field)	Phenols (mg/l)	Eh (mV)	SO4= (mg/l)	Turb (NTU)	TDS (mg/l)	NH3 (mg/l)	NO3- (mg/l)	BOD5 (mg/l)	Color (units)	CN- (mg/l)	Cr+6 (mg/l)	TKN (mg/l)	Br- (mg/l)
Class GA GW Qual. Std's & Gnd. Val.					250				6.5-8.5	0.001		250		500	2	10						2
MW-2305	Nov-89	13	141	10.6	33.6	385	209	2.96	0.007	0.007		47.5	90	288	0.13	<0.10	10	<5	<0.005	<0.01		
MW-2305	Feb-90		146		36.4		210	8.48	0.011			49.3	252	281	0.06		2	<5			100	
MW-2305	Apr-90	10.6	159		35.2	387	200	9.34	<0.005			58.2	57	306	<0.01		11	10			0.33	
MW-2305	Nov-90	10	161	56	32.3	310	215	9.3	7.3	<0.010	124.2	54	690	286	0.14	<0.1	4.5	10	<0.004	0.024	0.5	
MW-2305	Feb-91	10	144	8.6	31.8	400	245	15	8.32	<0.010	124.7	51	210	353	0.22	<0.04						
MW-2305	May-91	11	142	24.4	30.8	340	216	<3	7.74	<0.010	132.1	53	340	329	0.07	<0.04						
MW-2305	Aug-91	10	144	7.7	30.2	490	210	10.4	9.08	<0.010	198.1	51.8	120	318	<0.03	<0.04						
MW-2305	Nov-91	10	176	<1	31	480	204	<1.0	7.68	<0.010	239.3	111	250	284	0.06	<0.04						
MW-2305	Feb-92	10	164	12.9	32.2	464	216	6	7.83	<0.010	271.9	<2.0	240	302	0.18	0.05	1	<5	<0.010	<0.004	<0.5	
MW-2305	May-92	12	162	40.5	29.5	436	326	<1.0	7.66	<0.010	272.9	46.6	210	276	<0.04	0.08						
MW-2305	Aug-92	12	140	3	31	408	184	<1.0	7.86	<0.010	263.4	72.8	114	316	<0.04	0.02						
MW-2305	Dec-92	11	150	9.9	27	469	183	<1.0	7.76	<0.010	244.3	63.2	168	308	<0.02	<0.02						
MW-2305	Feb-93	9	182	55.8	30	495	233	19	7.81	<0.010	108.3	48.5	430	340	0.14	0.09						
MW-2305	May-93	13	168	16.3	28	332	197	6	7.53	<0.010	204.6	73.8	120	276	0.05	<0.02	0.8	<5	<0.004	<0.004	<0.5	
MW-2305	Aug-93	13.5	176	26.5	30	383	195	<1.0	6.91	<0.010	135	71.3	310	320	<0.02	<0.02						
MW-2305	Dec-93	10.5	150	29.4	29	391	225	2	7.17	<0.010	200.3	47.9	140	328	<0.02	0.04						
MW-2305	Feb-94	10.5	160	<1.0	29	461	263	<1.0	7.76	<0.010	78.5	51.1	215	240	<0.02	<0.05	<2.0				<0.5	0.83
MW-2305	May-94	11.5	164	8.6	28	356	244	13	7.96	<0.010	33.6	49.1	170	272	0.03	0.08	<2.0				<0.5	0.73
MW-2305	Aug-94	12	140	9.5	29	423	187	<1	7.69	<0.010	39.5	57	34	280	0.06	0.12	<2.0	15	<0.004	<0.004	<0.5	2.16
MW-2305	Nov-94	11.5	145	9.5	30	365	159	4	8.12	<0.010	55.2	52.9	61	152	<0.02	<0.05	<2.0				<0.5	3.35
MW-2305	March-95	11	165	20	32	356	215	8	7.28	<0.010	52	49	108	272	0.18	0.42	<2				<0.5	<0.2
MW-2305	June-95	13	143	27.9	34	357	299	<1	7.44	<0.010	37.3	44.5	2.5	308	0.26	0.23	<2				<0.5	<0.2
MW-2305	Sept-95	11.5	151	16.7	3	317	202	25	7.48	<0.010	31.5	45.2	150	312	0.06	<0.05	<2				<0.5	<0.2
MW-2305	Nov-95	10	144	<5.0	30	315	166	<1	7.91	<0.010	38.8	47.7	54	284	0.11	<0.05	<2	<5	<0.004	<0.004	<0.5	<0.2
MW-2305	April-96	8.9	140	17	28	520	520	<1	8	<0.002	240	110	>900	310	0.071	0.036	<4	250	<0.01	<0.01	0.6	3
MW-2305	June-96	10.7	270	35	27	417	200	<1	7.7	<0.002	180	32	660	270	0.16	<0.02	<4				4.4	<2
MW-2305	Sept-96	12.4	160	18	24	410	230	1	8	<0.002	180	42	340	240	<0.03	0.022	<4				0.53	<2
MW-2305	Nov-96	10.1	70	15	25	329	110	1.3	8.16	<0.002	175	<4	170	180	0.19	0.11	<4	15	<0.01	<0.01	0.95	<2
MW-2305	March-97	10	42	13	24	409	130	1.9	8	<0.002	95	48	>999	140	0.4	0.077	<4				1.1	<2
MW-2305	June-97	12	62	21	26	246	140	1.9	8.35	<0.002	240	30	213	160	<0.03	0.64	<4				0.86	<2
MW-2305	Sept-97	12.2	32	<1	23	240	130	2.5	8.5	<0.002	420	42	87	190	0.67	0.33	<4				1.3	<2
MW-2305	Dec-97	10.6	130	<1	17	256	160	1.8	8.64	<0.002	110	41	687	200	0.41	0.2	11				0.75	<2
MW-2305	Mar-98	10.1	190	1	30	375	250	<1	8.34	<0.002	245	38	255	240	0.1	0.26	<4				0.37	<2
MW-2305	June-98	12.7	75	<3	30	288	190	1.4	8.3	<0.002	10	37	804	210	<0.03	0.53	<4	20	<0.01	<0.01	0.21	<1
MW-2305	Sept-98	13	150	23	30	320	250	1.6	8.09	<0.002	-75	32	>999	240	0.11	0.37	<4				0.43	<1
MW-2305	Dec-98	10.9	130	<1	42	373	230	1.4	7.38	<0.002	-20	30	384	230	<0.03	0.37	4				0.27	<1
MW-2305	Dec-99	11.1	150	4.7	33	455	280	<1	8.6	<0.002	135	37	>999	240	<0.03	0.089	<4	1	<0.01	<0.03	0.25	<1
MW-2305	Apr-00	9.7	109	<10	28.6	400	195	1.1	8.05	0.005	-94	45	550	222	0.104	0.393	<3	50	<0.01	<0.01	<1	<1
MW-2305	Jun-01	13	127	<10	39.6	465	223	2.2	8.24	<0.004	82	41.9	45	296	0.122	<0.1	<3	100	<0.01	<0.01	<1	<1
MW-2305	Sept-02	11.9	139	<10	39	447	216	<1	7.87	<0.004	178.5	39.6	66	275	0.115	<0.1	<3	5	<0.005	<0.01	<1	<1
MW-2305	Apr-04	11.4	147	<10	42.5	436	218	<1.0	8.09	<0.004	211	34.5	171	273	<0.10	<0.1	<3	10	<0.005	<0.01	<1	<1
MW-2305	Jun-05	15.8	96.6	<10.0	31	675	163	1.48	7.47	0.021	109	39.3	21	226	<1.00	0.91	<4.00	15	<0.0100	<0.010	<1.00	<1.00
MW-2305	Sept-06	20.3	180		19	113	230	<1.0	8.09	<0.010	225	52	100	310	<1.0	<0.25	<4.0	20	<0.010	<0.010	<1.0	<1.0

TABLE 13 - HISTORICAL GROUNDWATER ANALYTICAL DATA - WATER QUALITY PARAMETERS

Monitoring Well	Sample Date	Temp (C)	ALK (mg/l)	COD (mg/l)	Cl- (mg/l)	Cond (mg/l)	Hard (mg/l)	TOC (mg/l)	pH (field) (S.U.)	Phenols (mg/l)	Eh (mV)	SO4= (mg/l)	Turb (NTU)	TDS (mg/l)	NH3 (mg/l)	NO3- (mg/l)	BOD5 (mg/l)	Color (units)	CN- (mg/l)	Cr+6 (mg/l)	TKN (mg/l)	Br- (mg/l)
Class GA GW Qual.					250				6.5-8.5	0.001		250		500	2	10						2
Sdr's & Gold. Val.																						
MW-230D	Nov-89	13.5	113	<10.0	<3.0	136	79.6	9.22	0.011			<10.0	34	135	0.12	<0.10	17	<5	<0.005	<0.01		
MW-230D	Feb-90		123	4.6	4.6	120	120	3.57	<0.005			13.5	4.4	174	0.07		4	10			0.5	
MW-230D	Apr-90	11.1	124	<3.0	<3.0	226	90	34.1	<0.005			14.1	4.2	184	<0.04		60	5			0.25	
MW-230D	Nov-90	11	130	18	4.9	190	130	9.1	7.4	<0.010	109.1	16	37	156	0.08	<0.1	5.8	5	<0.004	0.034	<0.5	
MW-230D	Feb-91	11	126	<0.5	5	250	98	8.6	8.38	<0.010	91	13.2	13	184	0.13	<0.04						
MW-230D	May-91	11	124	<1.0	1.1	180	94	<3	8	<0.010	293.8	13	3	155	0.07	<0.04						
MW-230D	Aug-91	10	122	3.2	2.1	300	96	4.4	8.46	<0.010	195.5	13.9	7.1	170	<0.03	<0.04						
MW-230D	Nov-91	10	134	<1	3	290	80.7	<1	7.87	<0.010	261	13	10	157	0.09	<0.04						
MW-230D	Feb-92	11	126	14.7	5.9	280	89.4	3	8.05	<0.010	258.3	12.8	9.5	160	0.31	0.03	1.2	<5	<0.010	<0.004	<0.5	
MW-230D	May-92	12	122	2.8	2.5	272	83.8	<1	7.86	<0.010	274.1	17.8	3.2	172	1.79	<0.02						
MW-230D	Aug-92	12	124	<1.0	4.5	258	76.5	<1	7.95	<0.010	281.2	55.1	6.7	176	<0.04	<0.02	1.2					
MW-230D	Dec-92	10.5	138	1	1.5	290	72.1	<1	7.9	<0.010	244.2	43.8	1.5	160	<0.02	<0.02	1.2					
MW-230D	Feb-93	9.5	132	<1.0	2.5	315	65.3	7	7.89	<0.010	125.2	14.5	13.5	180	0.18	0.07	1.2					
MW-230D	May-93	14	126	<1.0	1.5	226	78.2	4	7.86	<0.010	227.5	48	12.5	152	0.11	<0.02	0.6	<5	<0.004	<0.004	<0.5	
MW-230D	Aug-93	14	128	<1.0	3	247	74.9	<1.0	7.28	<0.010	133.7	72.5	6	148	0.06	<0.02						
MW-230D	Dec-93	10	120	4.9	2	262	86.2	2	7.24	<0.010	99.2	47.6	16	140	0.12	0.05	<2.0				0.89	
MW-230D	Feb-94	10	126	<1.0	2	282	82.1	<1.0	7.86	<0.010	91.1	38.9	15	156	<0.02	<0.05	<2.0				0.73	
MW-230D	May-94	11.5	128	<1.0	1.5	245	77.3	16	7.92	<0.010	42.5	18.6	6.3	180	0.07	0.06	<2.0			0.006	0.5	
MW-230D	Aug-94	12	124	9.5	2.5	269	85.5	1	7.73	<0.01	50	17.9	7.7	172	0.06	0.49	<2.0				1.86	
MW-230D	Nov-94	11.5	153	<5.0	3	254	70.2	2	8.22	<0.010	58.3	30.6	5.3	160	<0.02	0.11	<2.0				3.42	
MW-230D	March-95	11	129	<5.0	2	248	80.8	5	7.48	<0.010	59.1	16.7	5.2	164	0.24	0.26	<2				0.3	
MW-230D	June-95	12	125	<5.0	3	252	86	18	7.56	<0.010	35.6	21	4.9	176	0.27	0.27	125				<0.5	
MW-230D	Sept-95	11.5	125	<5.0	1.5	239	82.6	<1	7.53	<0.010	30.2	16.8	3.8	188	0.07	<0.05	<2				<0.5	
MW-230D	Nov-95	10	128	8.2	<1	239	67.3	<1	7.92	<0.010	10.9	21.7	7.6	176	0.04	<0.05	<2				<0.5	
MW-230D	April-96	10.1	140	28	9.5	340	160	16	8.4	<0.002	165	16	37	170	<0.03	0.024	<4	10	<0.01	<0.01	0.54	2.8
MW-230D	June-96	10.9	150	14	<1	272	100	<1	7.7	0.002	150	12	57	170	0.035	<0.02	<4				2.1	<2
MW-230D	Sept-96	12.9	130	2.8	<1	270	89	<1	8	0.0024	160	11	50	150	<0.03	0.034	<4				0.32	<2
MW-230D	Nov-96	11.2	130	48	1.9	252	89	<1	7.86	<0.002	175	39	98	180	0.064	<0.02	<4				0.58	<2
MW-230D	March-97	10	130	19	2.7	276	92	1	8.1	<0.002	90	37	432	230	0.037	<0.02	<4	15	<0.01	<0.01	0.33	<2
MW-230D	June-97	12.3	150	13	3.9	255	83	<1	7.83	<0.002	255	38	<1	140	<0.03	<0.02	<4				0.57	3.8
MW-230D	Sept-97	12	140	<1	4.6	260	86	1	8.4	<0.002	130	11	15	180	<0.03	0.035	<4				0.24	<2
MW-230D	Dec-97	10.5	170	<1	2.7	281	88	<1	8.66	<0.002	130	6.3	42	220	<0.03	0.049	14				0.32	<2
MW-230D	Mar-98	9.3	170	1	2.8	272	82	<1	8.32	<0.002	210	27	32	190	<0.03	0.042	<4				0.16	<2
MW-230D	June-98	13.5	110	<3	1.6	260	110	1.1	7.73	<0.002	15	12	154	180	0.04	0.028	<4	10	<0.01	<0.01	0.26	<1
MW-230D	Sept-98	12.7	150	47	3.2	269	110	1.1	8.01	0.0033	525	14	353	210	<0.03	<0.02	<4				0.37	<1
MW-230D	Dec-98	10.1	130	<1	<1	263	91	<1	7.45	<0.002	5	12	260	140	<0.03	<0.02	<4				0.13	<1
MW-230D	Dec-99	11.2	130	7.8	3.8	278	100	<1	8.87	<0.002	210	13	125	190	<0.03	0.054	<4	3	<0.01	<0.03	0.23	<0.1
MW-230D	Apr-00	9.1	133	<10	2.83	275	89.9	<1	8.11	0.006	-91	19	19	156	0.114	<0.05	<3	10	<0.01	<0.01	<1	<1
MW-230D	Jun-01	12.9	122	<10	2.6	284	88.9	<1	8.16	<0.004	42	14.4	11	136	<0.1	<0.1	<3	5	<0.01	<0.01	<1	<1
MW-230D	Sept-02	11.8	125	<10	2.53	277	86.9	<1	7.81	<0.004	165.3	13.6	2.3	187	<0.1	<0.1	<3	<5	<0.005	<0.01	<1	<1
MW-230D	Apr-04	11.6	124	<10	2.39	230	82.4	<1.0	8.12	<0.004	104	12.7	17.1	143	0.366	<0.1	<3	<5	<0.005	<0.01	<1	<1
MW-230D	Jun-05	16	129	<10.0	<5.0	642	86.8	1.1	8.02	<0.0100	82	11.5	14	164	1.4	<0.200	<4.00	15	<0.0100	<0.010	<1.00	<1.00
MW-230D	Sept-06	15.4	110	26	590	1064	450	2	8.7	0.036	230	130	15	1300	1	<0.25	<4.0	150	<0.010	<0.010	1.3	5.5

TABLE 13 - HISTORICAL GROUNDWATER ANALYTICAL DATA - WATER QUALITY PARAMETERS

Monitoring Well	Sample Date	Temp (C)	ALK (mg/l)	COD (mg/l)	Cl- (mg/l)	Cond umhos/cm	Hard (mg/l)	TOC (mg/l)	pH (field) (S.L.)	Phenols (S.L.)	Eh (mV)	SO4= (mg/l)	Turb (NTU)	TDS (mg/l)	NH3 (mg/l)	NO3- (mg/l)	BOD5 (mg/l)	Color (units)	CN- (mg/l)	Cr+6 (mg/l)	TKN (mg/l)	Br- (mg/l)
Class GA GW Qual. Std's & Calc. Val.			250	250	250	250	250	250	6.5-8.5	0.001	250	250	500	2	10	2	10	12	<5	<0.005	<0.01	2
MW-232S	Nov-89	15.3	120	<10.0	24.3	297	184	1.29	0.011			75.4	199	236	0.07	<0.01		12	<5	<0.005	<0.01	
MW-232S	Feb-90		124		3.13	156	0.58		<0.005			33.6	5.34	217	0.1			6	5			99
MW-232S	Apr-90	11.1	113		<3	256	100	2.98	<0.005	-29.5		38.9	32	206	<0.04			6	10			0.2
MW-232S	Nov-90	11	125	7.7	6.8	240	215	6.1	8.6	<0.010	218.4	72	120	232	0.06	<0.1		1.1	<0.004	0.02	<0.5	
MW-232S	Feb-91	12	136	1.9	5	520	240	3	8.19	<0.010	176.5	118	130	317	<0.04	<0.04						
MW-232S	May-91	12	140	4.3	1.1	290	204	<3	7.61	<0.010	240.5	57.6	162	260	<0.03	<0.04						
MW-232S	Aug-91	11	156	3.2	2.1	590	230	8.2	8.04	<0.010	207.1	74	145	360	<0.03	<0.04						
MW-232S	Nov-91	12	186	14.4	<1	589	311	<1.0	7.35	<0.010	179.6	52	600	276	<0.02	<0.04						
MW-232S	Feb-92	10	176	19.3	6.9	512	317	4	7.41	<0.010	178.5	85.9	360	380	<0.02	0.05	1.2	<5	<0.010	<0.004	<0.5	
MW-232S	May-92	11	214	7.7	4	541	286	<1.0	7.21	<0.010	336.6	105	61	416	<0.04	0.08	2.1	10	0.016	<0.004	0.04	
MW-232S	Aug-92	13	212	2.5	7	543	261	<1.0	7.43	<0.010	225.4	86.6	57	380	<0.04	<0.02						
MW-232S	Dec-92	11	268	4	2.5	644	312	<1.0	7.41	<0.010	88.3	86.6	144	404	<0.02	<0.02						
MW-232S	Feb-93	9	720	7	4	631	267	20	7.33	<0.010	111.2	90	220	524	<0.02	0.04						
MW-232S	May-93	11	352	<1.0	1.5	483	378	4	6.93	<0.010	142.9	90.5	45	476	<0.02	<0.02	1.6	<5	<0.004	<0.004	<0.5	
MW-232S	Aug-93	14.5	480	13.3	4	792	595	<1.0	6.67	<0.010	169.9	99	94	632	<0.02	<0.02						
MW-232S	Dec-93	11	436	52.9	2	803	513	22	7.02	<0.010	132.6	103	105	540	0.06		<2.0				<0.5	0.92
MW-232S	Feb-94	10	345	<1.0	2.5	783	411	52	7.04	<0.010	236.7	89.5	60	460	<0.02	<0.05	2				<0.5	0.87
MW-232S	May-94	10	432	<1.0	2	649	418	49	6.83	<0.010	103.2	58.6	31	548	<0.02	0.03		20	<0.004	0.008	<0.5	3.92
MW-232S	Aug-94	13	520	10	4.5	907	501	<1	6.79	<0.010	74.5	47.5	12.4	572	<0.02	0.08					<0.5	0.4
MW-232S	Nov-94	12	517	<5.0	3	722	464	19	6.98	<0.010	119.3	64.5	19	644	<0.02	0.11					<0.5	<0.2
MW-232S	March-95	11	392	<5.0	4	520	428	29	7.08	<0.010	-38.8	81.3	32	544	0.21	0.34					<0.5	0.87
MW-232S	June-95	11	504	<5.0	5	542	521	<1	6.91	<0.010	26.1	67.5	33	652	0.24	0.25					<0.5	<0.2
MW-232S	Sept-95	11.5	587	8.3	3	515	618	8	7.06	<0.010	21.6	88.4	50	744	0.12	0.05					<0.5	<0.2
MW-232S	Nov-95	11	380	8.2	<1	464	404	1	6.86	<0.010	2.3	107	71	576	<0.02	<0.05		10	<0.004	<0.004	<0.5	<0.2
MW-232S	April-96	10.6	630	1	6.7	1220	670	40	6.5	<0.002	180	64	59	780	0.035	0.025	11	100	<0.01	<0.01	1.1	3.1
MW-232S	June-96	11	600	24	<1	1160	510	1.4	6.7	0.0052	140	70	190	680	<0.03	<0.02	9.8				1.6	<2
MW-232S	Sept-96	13.1	530	10	<1	1100	530	1.1	6.6	<0.002	110	<5	7.6	660	<0.03	<0.02	9.1				0.35	<2
MW-232S	Nov-96	11.4	540	<1	6.5	910	450	2.8	6.79	<0.002	110	42	34	590	<0.03	<0.02	11				0.56	<2
MW-232S	March-97	10.2	530	13	9	1120	510	2.5	6.6	<0.002	145	56	>999	560	<0.03	<0.02	12	15	<0.01	<0.01	0.43	<2
MW-232S	June-97	11.5	680	82	10	813	570	2.5	6.72	0.0024	85	35	>999	610	<0.03	<0.02	16				0.47	<2
MW-232S	Sept-97	13.0	560	4.9	8.7	910	550	3.1	6.9	<0.002	80	54	1000	790	0.11	0.02	14				0.38	<2
MW-232S	Dec-97	11	520	<1	8.2	970	590	3.1	7.05	<0.002	110	55	>999	620	<0.03	0.027	11				0.4	<2
MW-232S	Mar-98	9.9	470	8.6	16	877	520	1.7	7.73	<0.002	140	140	84	560	<0.03	<0.02	<4				0.4	<2
MW-232S	June-98	12.1	550	5.1	5.8	930	670	3.1	6.99	<0.002	-15	58	942	560	0.041	0.022	7.5	1	<0.01	<0.01	0.54	<1
MW-232S	Sept-98	12.8	570	62	6.7	990	620	4.1	6.71	<0.002	500	51	842	640	<0.03	<0.02	11				0.44	<1
MW-232S	Dec-98	11.3	520	25	29	1000	900	4.2	7.62	<0.002	55	22	>999	660	<0.03	0.037	9.9				0.21	<1
MW-232S	Jun-00	7.1	437	<10	3.99	850	495	2.7	7.4	<0.004	-94	45	30.4	516	<0.1	<0.05	4				<1	<1
MW-232S	Sept-00	12.3	434	24.6	3.4	875	507	2.8	7.07	<0.004	-44	67	665	513	<0.1	<0.05	<3				<1	<1
MW-232S	Dec-00	10.4	437	<10	3.17	855	481	2.8	7.18	<0.004	33	69	6.7	535	<0.1	<0.05	<3				<1	<1
MW-232S	Mar-01	7.4	475	<10	3.85	847	443	2.4	7.4	<0.004	-39	28	3.7	490	<0.1	<0.05	<3				<1	<1
MW-232S	Jun-01	12.2	425	<10	3.53	863	454	5.7	7.02	<0.004	-66	59.1	10	496	<0.1	<0.1	<3	125	<0.01		<1	<1
MW-232S	Sept-01	13.2	397	<10	3.28	882	461	3.5	7.16	<0.004	26	59	5.45	521	<0.1	<0.1	<3				<1	<1
MW-232S	Dec-01	11.7	400	<10	6.18	851	473	2.4	7.15	0.0043	9	63	54.5	520	<0.1	<0.1	<3				<1	<1
MW-232S	Mar-02	10.6	495	11.5	3.7	834	515	1.7	7.11	<0.004	-15	71.2	82.6	568	<0.1	<0.1	<3				<1	<1
MW-232S	Jun-02	11.9	439	<10	3.8	884	490	1.8	7.45	<0.004	2	81.2	10.9	553	<0.1	<0.1	<3				<1	<1
MW-232S	Sept-02	12.6	429	<10	3.71	866	479	1.8	7.28	<0.004	85.7	92.7	40	601	<0.1	<0.1	<3	10	<0.005	<0.01	<1	<1
MW-232S	Dec-02	11.3	454	<10	4.25	953	495	1.3	7.21	<0.004	7.8	93.1	4.5	591	<0.1	<0.1	<3				<1	<1
MW-232S	Jun-05	15.8	181	44.2	<5.0	1206	200	15.3	7.36	<0.0100	133	5.18	36	224	<1.00	0.75	<4.00	150	<0.0100	<0.010	<1.00	<1.00

TABLE 13 - HISTORICAL GROUNDWATER ANALYTICAL DATA - WATER QUALITY PARAMETERS

Monitoring Well	Sample Date	Temp (C)	ALK (mg/l)	COD (mg/l)	Cl- (mg/l)	Cond (mg/l)	Hard (mg/l)	TOC (mg/l)	pH (field) (S.U.)	Phenols (mg/l)	Eh (mV)	SO4= (mg/l)	Turb (NTU)	TDS (mg/l)	NH3 (mg/l)	NO3- (mg/l)	BOD5 (mg/l)	Color (units)	CN- (mg/l)	Cr+6 (mg/l)	TKN (mg/l)	Br- (mg/l)
					250				6.5-8.5	0.001		250		500	2	10						2
Class GA GW Qual. Std's & Guid. Val.					250																	
MW-232D	Nov-89	13	37.2	<10.0	210	747.5	100	1.77		0.009		89	16	522	0.12	<0.01	4	<5	<0.005	<0.01		
MW-232D	Feb-90		52.3		250		126	0.86		<0.005		87.4	14.5	629	0.08		21	5			40	
MW-232D	Apr-90	12.2	41.2		202	836	82	3.28		<0.005	-126.1	88.2	1.9	1450	<0.04		10	5			0.21	
MW-232D	Nov-90	11	56	17	225	630	130	4.9	8.7	<0.010	243.8	79	22	611	0.13	<0.1	6.3	<5	<0.004	0.024	<0.5	
MW-232D	Feb-91																					
MW-232D	May-91	11	54	11.7	202.1	480	124	5.1	8.92	<0.010	172.9	70	11.4	505	0.58	0.09						
MW-232D	Aug-91	12	52	<0.5	218.8	1500	136	4	8.44	<0.010	214.2	75.6	6.7	618	0.08	<0.04						
MW-232D	Nov-91	10	84	3.8	225	1380	132	<1	8.32	<0.010	122.3	79	10	596	0.04	<0.04						
MW-232D	Feb-92	10	60	25.8	226	1056	140	<1.0	8.48	<0.010	102.1	90	8.5	548	0.07	<0.02	1.8	<5	<0.010	<0.004	<0.5	
MW-232D	May-92	12	76	21	240	1102	370	<1.0	8.52	<0.010	128.4	94	3.4	664	0.1	0.26						
MW-232D	Aug-92	13	136	58.5	154	1179	186	16	7.74	<0.010	163.6	78.8	22.5	580	<0.04	<0.02						
MW-232D	Dec-92	11	122	16.9	225	1508	210	<1.0	7.38	<0.010	-0.6	81.5	20	624	<0.02	0.1						
MW-232D	Feb-93	10	78	7.2	202	1041	116	6	7.76	<0.010	149.3	81	3	596	0.06	0.02						
MW-232D	May-93	12	80	12.8	262	756	152	4	7.47	<0.010	36.6	102	4	576	0.07	<0.02	1.6	<5	<0.004	<0.004	<0.5	
MW-232D	Aug-93	14	88	18.4	284	1189	169	<1.0	7.22	<0.010	-108.9	125	4.2	668	<0.02	<0.02						
MW-232D	Dec-93	9.5	86	59.4	262	994	187	4	7.24	<0.010	125.7	112	5.8	656	0.11	0.08						
MW-232D	Feb-94	9.5	92	1	256	1272	163	6	6.98	<0.010	268	91.5	5.7	616	<0.02	<0.05	<2.0				<0.5	3.8
MW-232D	May-94	12	84	45.2	250	804	148	8	7.99	<0.010	111	79.5	1.6	636	0.04	0.04	<2.0			0.01	<0.5	5
MW-232D	Aug-94	12.5	90	60	250	1579	295	1	7.46	<0.010	75.6	97.9	5.7	624	0.06	0.74	2.2	10	<0.004		<0.5	2.74
MW-232D	Nov-94	11.5	117	14.3	235	803	147	<1	8.08	<0.010	124.5	86.8	8	632	0.06	0.36	<2.0				<0.5	4.2
MW-232D	March-95	13	178	85	44	635	161	61	7.14	0.018	-53.3	44.2	6.8	332	3.59	0.4	8				3.37	<0.2
MW-232D	June-95	13	101	32.6	195	623	60	9	7.28	<0.010	20.6	78.4	6.2	580	1.06	0.24	<2				0.71	1.6
MW-232D	Sept-95	12.5	119	33.3	224	594	176	9	7.12	<0.010	3.1	85.7	9.5	648	0.56	0.08	<2				<0.5	2.4
MW-232D	Nov-95	10.5	120	16.3	252	584	158	<1	7.35	0.025	4	84.2	9.2	668	0.22	<0.05	<2	15	<0.004	<0.004	<0.5	2.1
MW-232D	June-97	13.4	190	42	23	362	150	19	7.65	0.0098	120	16	<1	210	<0.03	0.24	<4				1.8	<2
MW-232D	Sept-98	11.9	150	58	4.3	311	140	19	7.43	<0.002	180	17	68	230	0.27	1.2	4				2.1	<1
MW-232D	Dec-98	10.4	150	35	50	505	170	11	7.47	<0.002	100	58	100	340	0.097	0.17	<4				1.1	<1
MW-232D	Mar-01	8.8	474	<10	1.16	1031	570	4.3	7.35	<0.004	63	170	1.8	711	<0.1	5.22	<3				<1	<1

TABLE 13 - HISTORICAL GROUNDWATER ANALYTICAL DATA - WATER QUALITY PARAMETERS

Monitoring Well	Sample Date	Temp (C)	ALK (mg/l)	COD (mg/l)	Cl- (mg/l)	Cond umhos/cm	Hard (mg/l)	TOC (mg/l)	pH (field) (S.U.)	Phenols (mg/l)	Eh (mV)	SO4= (mg/l)	Turb (NTU)	TDS (mg/l)	NH3 (mg/l)	NO3- (mg/l)	BOD5 (mg/l)	Color (units)	CN- (mg/l)	Cr+6 (mg/l)	TKN (mg/l)	Br- (mg/l)
Class GA GW Qual.																						
Stat's & Guid. Val.																						
MW-2335	Nov-89								6.5-8.5	0.001												
MW-2335	Feb-90								8.2	<0.010	-95.9	175	385	612	0.08	0.13	1.5	25	<0.004	0.021	0.53	
MW-2335	Apr-90								7.71	<0.010	180.9	104	140	576	<0.04	5.34						
MW-2335	Nov-90								6.95	<0.010	195.4	75	81	570	<0.03	2.8						
MW-2335	Feb-91	9	354	<0.5	5	880	520	5	7.71	<0.010	180.9	104	140	576	<0.04	5.34						
MW-2335	May-91	15	484	<0.5	9.4	1010	580	<3.0	6.6	<0.010	284	126	66	794	<0.03	3.53						
MW-2335	Aug-91	10	378	2.8	9.9	856	464	13	7.48	<0.010	201.7	149	68	1308	<0.02	0.64	1	<5	<0.010	<0.004	<0.5	
MW-2335	Nov-91	12	338	14.4	5	919	411	<1	6.99	<0.010	371.8	116	70	534	<0.02	0.44						
MW-2335	Feb-92	10	370	<1.0	5.5	867	476	<1.0	7.13	<0.010	256.2	145	4.2	448	0.1	2.35						
MW-2335	May-92	10	378	<1.0	5.5	867	476	<1.0	7.13	<0.010	256.2	145	4.2	448	0.1	2.35						
MW-2335	Aug-92	13	372	<1.0	10.5	953	497	<1	6.94	<0.010	329.5	162	1.4	732	<0.04	0.33						
MW-2335	Dec-92	11	474	3	1.5	1106	549	<1	7.18	<0.010	176.6	144	30	720	<0.02	0.12						
MW-2335	Feb-93	9	792	4.4	4	1194	706	74	6.77	<0.010	144.5	148	126	940	0.1	0.07						
MW-2335	May-93	10.5	698	32.5	<1.0	558	591	4	6.65	<0.010	42.6	80.6	52	732	<0.02	<0.02	15.6	<5	<0.004	<0.004	<0.5	
MW-2335	Aug-93	13	968	<1.0	1	1174	918	<1.0	6.48	<0.010	-6.9	108	3	1040	<0.02	<0.02						
MW-2335	Dec-93	11	728	51	2	1294	900	44	6.69	<0.010	140.1	183	36	988	0.64	3.44						
MW-2335	Feb-94	10	740	7.7	<1.0	1224	664	<1.0	7.64	<0.010	162.4	71.6	330	704	<0.02	<0.05	2.4				<0.5	1
MW-2335	May-94	11	544	<1.0	<1.0	736	550	62	6.68	0.064	-15.8	73.6	24	672	<0.02	0.12	10.2				<0.5	1
MW-2335	Aug-94	13	456	5	2	922	516	4	6.85	<0.010	84	99.4	9.6	548	0.06	0.08	2.2	10	<0.004	<0.004	<0.5	2.4
MW-2335	Nov-94	12.5	460	<5.0	<1.0	651	399	13	7.08	<0.010	123.8	62.8	11.4	548	<0.02	0.05	7.6				<0.5	3.28
MW-2335	Mar-95	10	711	35	2	694	895	<1	6.78	<0.010	33.9	243	23.2	1128	0.42	2.4	<2				0.95	<0.2
MW-2335	Jun-95	11	650	9.3	8	645	761	6	6.89	<0.010	48.2	189	27	1032	0.58	1.29	<2				<0.5	<0.2
MW-2335	Sep-95	12.5	629	<5.0	<1	545	702	5	7.06	<0.010	29.9	140	24	840	0.56	0.1	<2				<0.5	<0.2
MW-2335	Nov-95	10	452	8.2	9	525	475	<1	6.79	<0.010	84.7	130	17	716	<0.02	3.06	<2	5	<0.004	<0.004	<0.5	<0.2
MW-2335	Apr-96	6.6	150	1	12	510	320	2.8	7	<0.002	-55	21	88	340	<0.03	<0.02	10	50	<0.01	<0.01	1.3	3.7
MW-2335	Jun-96	9.6	260	33	7.5	552	310	1.8	7.2	<0.002	85	110	50	480	<0.03	<0.02	7.8	2			<2	<2
MW-2335	Sep-96	14.7	520	20	<1	950	450	15	6.6	<0.002	55	<5	10	600	<0.03	<0.02	4.9				0.71	<2
MW-2335	Nov-96	9.4	530	5.3	4.6	930	420	4.3	7.96	<0.002	190	27	12	560	<0.03	0.027	4.3				0.91	<2
MW-2335	Mar-97	8.3	680	21	6.4	1190	530	3.4	6.5	<0.002	70	48	42	670	<0.03	<0.02	5.8	15	<0.01	<0.01	0.55	<2
MW-2335	Jun-97	10.4	650	13	2	1110	580	4.3	6.69	0.0029	60	52	<1	700	<0.03	<0.02	8				0.89	<2
MW-2335	Sep-97	13.2	840	9	4.6	1100	590	4	6.7	<0.002	-10	28	14	550	0.033	0.027	10				0.51	<2
MW-2335	Dec-97	9.4	730	<1	5.5	970	680	4.6	7.98	<0.002	95	120	17	820	0.036	0.27	7				0.61	<2
MW-2335	Mar-98	9.9	490	15	<1	923	690	4.1	7.64	<0.002	-40	53	>999	830	<0.03	0.61	4.6				0.62	<2
MW-2335	Jun-98	13	410	53	2.5	1360	790	14	6.96	<0.002	-85	210	60	950	0.072	<0.02	17	50	<0.01	<0.01	1.5	<1
MW-2335	Sep-98	13.6	730	25	<1	1220	770	5.9	6.55	<0.002	-20	110	67	850	<0.03	<0.02	4.2				0.63	<1
MW-2335	Dec-00	9.2	376	10.9	1.28	895	483	5.6	7.29	<0.004	95	110	1.6	599	<0.1	5.97	<3				<1	<1
MW-2335	Mar-01	8.8	474	<10	1.16	1031	570	4.3	7.35	<0.004	63	170	1.8	711	<0.1	5.22	<3				<1	<1
MW-2335	Jun-01	11.9	432	<10	1.47	1203	676	6.1	7.06	0.0068	122	271	2.2	709	<0.1	8.87	<3	5	<0.01		<1	<1
MW-2335	Sep-01	12.5	697	<10	2.12	1449	827	3.6	7.11	<0.004	107	483	2.89	1080	<0.1	3.71	<3				<1	<1
MW-2335	Dec-01	10.9	459	<10	4.2	1418	872	3.8	6.89	<0.004	54	368	2.97	1050	<0.1	<0.1	<3				<1	<1
MW-2335	Mar-02	9.4	530	<10	1.74	1283	855	4.2	7.01	<0.004	45	435	6.72	971	<0.1	<0.1	<3				<1	<1
MW-2335	Jun-02	11.4	445	<10	1.59	1570	927	4.4	7.26	<0.004	62	562	1.4	1240	<0.1	<0.1	<3				<1	<1
MW-2335	Sep-02	12.7	433	13.9	1.86	1397	830	3.5	7.17	<0.004	119.8	494	15	1200	<0.1	<0.1	<3	10	<0.005	<0.01	<1	<1
MW-2335	Dec-02	10.8	424	<10	2.43	1428	847	2.8	7.07	<0.004	17	509	0.91	1110	<0.1	<0.1	<3				<1	<1
MW-2335	Apr-04	9.1	373	14	1.7	897	468	3.6	8.41	<0.004	221	<5.0	6.9	570	0.411	13.8	<3	<5	<0.005	<0.01	<1	<1
MW-2335	Jun-05	20.3	281	<10.0	<5.0	353	3	3	8.12	<0.0100	142	33.7	8.7	372	<1.00	5.68	<4.00	15	<0.0100	<0.010	<1.00	<1.00
MW-2335	Sep-06	15.6	330	26	14	242	520	4.1	8.01	<0.010	580	140	55	660	<1.0	12	<4.0	15	<0.010	<0.010	<1.00	<1.00

TABLE 13 - HISTORICAL GROUNDWATER ANALYTICAL DATA - WATER QUALITY PARAMETERS

Monitoring Well	Sample Date	Temp (C)	ALK (mg/l)	COD (mg/l)	Cl- (mg/l)	Cond umhos/cm	Hard (mg/l)	TOC (mg/l)	pH (field) (S.U.)	Phenols (mg/l)	Eh (mV)	SO4= (mg/l)	Turb (NTU)	TDS (mg/l)	NH3 (mg/l)	NO3- (mg/l)	BOD5 (mg/l)	Color (units)	CN- (mg/l)	Cr+6 (mg/l)	TKN (mg/l)	Br- (mg/l)
Class CA GW Qual. Stat's & Calc. Val.																						
					250				6.5-8.5	0.001		250		500	2	10						2
MW-234S	Nov-89	11.6	152	13.7	10.7	322	228	7.19	-50.4	0.005	-50.4	81.1	188	264	0.09	<0.10	19	<5	<0.005	0.02		
MW-234S	Feb-90	162	162	174	4.4	230	230	3.87	<0.005	<0.005	77.9	94	321	321	0.09		13	30			0.96	
MW-234S	Apr-90	10.2	174		<3	423	243	1.93	<0.005	<0.005	38.3	77.7	50	288	<0.04		3	10			0.07	
MW-234S	Nov-90	10	176	<1	4.9	340	260	5.1	7.3	<0.010	132.5	83	81	312	0.06	<0.1	6.5	<5	<0.004	0.024	<0.5	
MW-234S	Feb-91	9	167	<0.5	5	480	290	<3	7.97	<0.010	147.1	78	26	347	<0.04	<0.04						
MW-234S	May-91	11	164	1	1.1	340	248	3.1	7.36	<0.010	227	60.5	23	337	<0.03	0.13						
MW-234S	Aug-91	13	152	<0.5	<1.0	570	230	<3.0	7.68	<0.010	293.9	77.6	58	363	<0.03	<0.04						
MW-234S	Nov-91	11	222	3.8	<1	676	228	<1	7.41	<0.010	323.6	85.1	40	328	<0.02	<0.04						
MW-234S	Feb-92	11	172	13.8	5	517	312	<1.0	7.29	<0.010	78.5	83	42	396	0.07	<0.02	0.6	<5	<0.010	<0.004	<0.5	
MW-234S	May-92	12	178	6	<1.0	486	248	<1.0	7.74	<0.010	354.9	113	59	320	<0.04	0.02						
MW-234S	Aug-92	12	196	<1.0	5.5	487	215	<1	7.51	<0.010	329.9	110	39	384	<0.04	0.14						
MW-234S	Dec-92	10	196	<1.0	<1.0	516	221	<1	7.83	<0.010	294.1	86.6	95	328	<0.02	<0.02						
MW-234S	Feb-93	9	204	8.8	<1.0	635	186	18	7.3	<0.010	250.3	84	150	364	<0.02	0.02						
MW-234S	May-93	12	184	<1.0	1.5	424	218	4	7.5	<0.010	207.1	88.1	84	324	<0.02	0.06	<0.5	<5	<0.004	<0.004	<0.5	
MW-234S	Aug-93	13	184	<1.0	1.5	451	241	<1.0	7.32	<0.010	165.3	130	90	332	<0.02	<0.02						
MW-234S	Dec-93	9.5	188	5.9	2	469	259	6	7.09	<0.010	259.9	79.5	155	328	<0.02	0.09	<2.0				<0.5	0.9
MW-234S	Feb-94	10	188	2.9	1	528	257	<1.0	7.88	<0.010	131.4	87.5	90	300	<0.02	<0.05	<2.0				<0.5	0.84
MW-234S	May-94	10.5	196	2.2	<1.0	453	287	17	7.57	<0.010	210.8	95.7	67	360	0.02	0.14	<2.0	5	<0.004	<0.004	<0.5	2.22
MW-234S	Nov-94	11.5	198	9.5	2	532	204	5	7.26	<0.010	39.7	105	10.4	352	0.1	0.22	<2.0				<0.5	3.28
MW-234S	March-95	11	224	<5.0	7	404	259	15	7.45	<0.010	36.8	154	47	424	0.31	0.2	<2				<0.5	<0.2
MW-234S	June-95	11.5	222	<5.0	7	404	259	15	7.45	<0.010	1.8	84.2	62	400	0.41	0.24	<2				<0.5	<0.2
MW-234S	Sept-95	11	179	<5.0	1	349	260	6	7.26	<0.010	48.9	97.2	42	388	0.07	0.06	<2				<0.5	<0.2
MW-234S	Nov-95	10	244	12.2	<1	463	245	<1	7.28	<0.010	50	174	76	480	<0.02	<0.05	<2	10	<0.004	<0.004	<0.5	0.6
MW-234S	April-96	10.4	210	7.8	18	1290	350	<1	6.7	<0.002	110	120	16	420	<0.03	0.086	<4	50	<0.01	<0.01	0.85	3.1
MW-234S	June-96	10.9	250	24	<1	721	400	<1	7.4	<0.002	92	22	300	330	<0.03	<0.02	<4				1.8	<2
MW-234S	Sept-96	10.9	250	25	<1	980	440	<1	7	0.0035	165	760	21	580	0.037	<0.02	<4				0.25	<2
MW-234S	Nov-96	10.4	260	<1	2.8	587	370	1	7.5	<0.002	175	210	10	530	<0.03	<0.02	<4	15	<0.01	<0.01	0.39	<2
MW-234S	March-97	10.2	280	6.4	4.5	1100	450	<1	6.9	<0.002	135	190	197	570	<0.03	<0.02	<4				0.33	<2
MW-234S	June-97	11	280	13	4.8	728	470	<1	7.5	<0.002	165	200	880	600	<0.03	0.026	<4				0.31	<2
MW-234S	Sept-97	12	240	4.9	4.6	710	380	1.1	7.7	<0.002	160	200	140	530	<0.03	0.028	7				0.21	<2
MW-234S	Dec-97	10.2	540	9.2	2.7	823	430	1.7	7.65	<0.002	120	200	>999	450	0.074	<0.02	<4				0.47	<2
MW-234S	Mar-98	9.9	720	<1	3.7	857	540	<1	8.01	<0.002	170	130	>999	610	0.042	<0.02	<4				0.37	<1
MW-234S	June-98	12.2	310	<3	1.9	822	470	1.2	7.69	<0.002	45	200	337	530	0.055	0.026	<4	15	<0.01	<0.01	0.37	<1
MW-234S	Sept-98	11.4	270	46	2.7	703	440	1.3	7.28	<0.002	0.85	140	>999	520	<0.03	<0.02	<4				0.28	<1
MW-234S	Dec-98	10.4	230	21	1.8	638	430	1	7.38	<0.002	185	120	>999	380	<0.03	<0.02	6.9				0.34	<1
MW-234S	Apr-99	10.8	250	13	4.5	752	480	1.1	7.84	<0.002	130	150	>999	490	<0.03	<0.02	<4				0.86	<0.1
MW-234S	Jun-99	11.4	230	40	4.6	690	550	1.4	7.12	<0.002	215	140	>999	450	<0.03	0.02	<4				0.69	<0.1
MW-234S	Sept-99	12.1	230	6.5	4.5	641	400	1.1	7.1	<0.002	385	50	>999	430	<0.03	<0.02	<4				0.3	<0.1
MW-234S	Dec-99	10.1	240	9.2	4.5	656	460	1	8.15	<0.002	245	120	955	410	<0.03	<0.02	<4	1	<0.01	<0.01	0.3	<1
MW-234S	Apr-00	9.4	243	<10	3.75	650	352	1.1	7.82	<0.004	-85	120	7.8	436	0.108	<0.05	<3	<10	<0.01	<0.01	<1	<1
MW-234S	Jun-00	14.1	234	<10	3.34	525	378	1.1	7.59	<0.004	-178	150	27.1	1550	<0.1	<0.05	<3				<1	<1
MW-234S	Sept-00	11.4	228	<10	5.15	659	355	1.2	7.74	<0.004	-27	180	17	425	<0.1	<0.05	<3				6.22	<1
MW-234S	Dec-00	9.2	232	<10	3.11	631	337	1.7	7.67	<0.004	95	120	6.3	435	<0.1	<0.05	<3				<1	<1
MW-234S	Mar-01	10.8	243	<10	3.44	693	369	1.7	7.64	<0.004	51	140	3.7	444	<0.1	<0.05	<3				<1	<1
MW-234S	Jun-01	13.8	230	<10	3.79	18.19	340	2.6	7.49	<0.004	2	131	2.6	417	<0.1	<0.1	<3	<5	<0.01		<1	<1
MW-234S	Sept-01	11.8	306	<10	3.58	635	323	1.2	7.53	<0.004	-11	110	16.6	414	<0.1	<0.1	<3				<1	<1
MW-234S	Dec-01	10.3	208	<10	3.3	596	312	<1	7.37	<0.004	9	102	27.6	376	<0.1	<0.1	<3				<1	<1
MW-234S	Mar-02	10.5	215	<10	3.21	572	326	<1	7.55	<0.004	24	103	3.1	377	<0.1	<0.1	<3				<1	<1
MW-234S	Jun-02	12	233	<10	3.09	630	321	1.9	7.69	<0.004	31	105	7.2	407	<0.1	<0.1	<3				<1	<1
MW-234S	Sept-02	12.1	221	<10	3.61	601	311	<1	7.44	<0.004	198.7	106	7.8	418	<0.1	<0.1	<3	5	<0.005	<0.01	<1	<1
MW-234S	Dec-02	8.7	228	<10	3.64	685	346	<1	7.68	<0.004	21	125	1.3	450	<0.1	<0.1	<3				<1	<1
MW-234S	Apr-04	11.8	233	<10	2.98	698	342	1.1	8.07	<0.004	225	124	6.6	474	<0.10	<0.1	<3	<5	<0.005	<0.01	<1	<1
MW-234S	Jun-05	18.1	229	<10	<5.0	544	338	2.07	8.04	<0.0100	98	125	7.4	454	<1.00	0.28	<4.00	15	<0.0100	<0.010	<1.00	<1.00
MW-234S	Sept-06	13.2	240	10	10	181	350	1.7	7.87	<0.010	558	120	19.2	450	<1.0	<0.25	<4.0	20	<0.010	<0.010	0.31	<1.0

TABLE 13 - HISTORICAL GROUNDWATER ANALYTICAL DATA - WATER QUALITY PARAMETERS

Monitoring Well	Sample Date	Temp (C)	ALK (mg/l)	COD (mg/l)	Cl- (mg/l)	Cond umhos/cm	Hard (mg/l)	TOC (mg/l)	pH (field) (S.U.)	Phenols (mg/l)	Eh (mV)	SO4= (mg/l)	Turb (NTU)	TDS (mg/l)	NH3 (mg/l)	NO3- (mg/l)	BOD5 (mg/l)	Color (units)	CN- (mg/l)	Cr+6 (mg/l)	TKN (mg/l)	Br- (mg/l)
Class GA GW Qual. Std's & Guid. Val.					250				6.5-8.5	0.001		250		500	2	10						2
MW-234D	Nov-89	11.6	78.9	<10.0	16.1	281.5	62.4	2.51	0.006	0.006	-95.6	51.9	27	174	0.11	0.3	10	<5	<0.005	<0.01		
MW-234D	Feb-90	162	272		40.7	276	236		<0.005			103	22	546	0.07		2	10			0.3	
MW-234D	Apr-90	10.7	272		30.8	371	344	8.63	<0.005	-93.7	88.5	30	361		<0.04		17	10			0.11	
MW-234D	Nov-90	10	188	<1	30.3	420	290	5	7.2	<0.010	130.6	120	35	401	0.08	<0.1	7.4	10	<0.004	0.032	<0.5	
MW-234D	Feb-91	10	184	<0.5	34.7	620	300	3.4	7.83	<0.010	115.4	98	17	448	<0.04	<0.04						
MW-234D	May-91	11	178	5	32.9	450	286	3.2	7.36	<0.010	222.9	78.5	12.5	437	0.03	0.13						
MW-234D	Aug-91	10	176	1.6	26	670	270	<3.0	7.56	<0.010	280.3	79.2	10	437	<0.03	<0.04						
MW-234D	Nov-91	11	220	1.9	21	659	264	<1	7.46	<0.010	303.6	90	4.1	364	<0.02	0.07						
MW-234D	Feb-92	11	186	18	25.7	641	284	<1.0	7.22	<0.010	79	90	19	364	0.06	<0.02	<0.5	<5	<0.010	<0.004	<0.5	
MW-234D	May-92	13	234	6	40.5	662	331	<1.0	7.44	<0.010	290.1	113	56	400	0.07	0.06						
MW-234D	Aug-92	12	166	1	30.5	592	245	<1	7.36	<0.010	315.2	106	4.3	420	<0.04	0.22						
MW-234D	Dec-92	10	228	<1.0	30.5	776	355	<1	7.39	<0.010	37.9	96.8	38	456	<0.02	<0.02						
MW-234D	Feb-93	9	212	2.6	34.5	674	225	12	7.26	<0.010	227.3	83	34.5	428	<0.02	<0.02						
MW-234D	May-93	10.5	222	<1.0	38	431	271	7	7.36	<0.010	191	90.6	18	428	<0.02	<0.02	<0.5	<5	<0.004	<0.004	<0.5	
MW-234D	Aug-93	12.5	218	<1.0	41	563	301	<1.0	7.2	<0.010	134.6	107	3	456	<0.02	<0.02						
MW-234D	Dec-93	10	220	4.9	31	638	308	<1.0	6.95	<0.010	276.4	86.8	23.5	416	<0.02	0.06						
MW-234D	Feb-94	10	218	<1.0	34	683	283	<1.0	7.64	<0.010	157.6	86	26	388	<0.02	0.45	<2.0				<0.5	0.89
MW-234D	May-94	11	220	3.2	43	554	300	26	7.37	<0.010	238	97.6	6.9	440	0.22	0.12	<2.0				<0.50	0.92
MW-234D	Aug-94	12	252	10	37	704	322	<1	7.4	<0.010	85.2	115	9.2	480	0.06	0.34	2.2	5	<0.004	<0.004	<0.5	2.4
MW-234D	Nov-94	11	262	9.5	40	585	301	10	7.33	<0.010	127.4	89.3	11.2	500	0.03	0.21	<2.0				<0.5	3.42
MW-234D	March-95	10.5	214	5	33	456	279	4	7.22	<0.010	72.8	105	4.3	428	0.19	0.3	<2				<0.5	<0.2
MW-234D	June-95	12.5	250	<5.0	39	476	307	11	7.24	<0.010	16	79	7.2	500	0.22	0.15	<2				<0.5	<0.2
MW-234D	Sept-95	12	270	12.5	37	435	323	<1	7.29	<0.010	31.7	99.4	7.8	520	0.07	<0.05	<2				<0.5	<0.2
MW-234D	Nov-95	10.5	236	<5.0	33	425	228	<1	7.25	<0.010	54.6	91.9	18	456	<0.02	<0.05	<2				<0.5	<0.2
MW-234D	April-96	10.2	160	<1	8.6	690	240	2.3	7	<0.002	-35	83	150	340	<0.03	0.091	<4	10	<0.01	<0.01	1	3.2
MW-234D	June-96	11.2	260	1	28	718	350	<1	7.2	<0.002	78	84	24	520	<0.03	<0.02	<4				1.2	<2
MW-234D	Sept-96	10.8	230	1	31	740	300	1	7	0.0035	60	84	7.4	490	<0.03	<0.02	<4				0.34	<2
MW-234D	Nov-96	11.5	220	<1	26	770	270	2.4	7.45	<0.002	160	91	11	380	<0.03	<0.02	<4				0.56	<2
MW-234D	March-97	9.9	160	8.6	28	550	200	1.1	7.4	<0.002	135	74	70	350	<0.03	0.092	<4	15	<0.01	<0.01	0.61	<2
MW-234D	June-97	11.1	180		27	504	210	1.7	7.68	0.0028	185	61	<1	340	<0.03	0.088	<4				0.13	<2
MW-234D	Sept-97	12	150	<1	29	490	220	1.8	7.7	<0.002	155	63	25	350	<0.03	0.13	<4				0.5	<2
MW-234D	Dec-97	9.9	170	4.8	26	541	170	1.2	7.88	<0.002	130	60	33	290	0.032	0.052	<4				0.2	<2
MW-234D	Mar-98	9.6	170	<1	26	539	240	1.2	7.91	<0.002	165	89	118	360	<0.03	0.12	<4				0.13	<2
MW-234D	June-98	11.8	270	<3	24	594	300	1.6	7.32	<0.002	35	82	113	330	0.035	0.052	<4				0.31	<2
MW-234D	Sept-98	11.5	350	21	34	797	460	2.2	7.05	<0.002	65	66	144	550	<0.03	0.069	4.2	1	<0.01	<0.01	0.45	<1
MW-234D	Dec-98	9.3	390	12	45	859	480	3.1	7.07	<0.002	30	45	115	580	<0.03	<0.02	12				0.63	<1
MW-234D	Apr-99	11.1	200	5.4	33	641	310	1.5	6.31	<0.002	130	85	220	400	<0.03	0.05	<4				0.51	<1
MW-234D	June-99	11.2	180	5.5	29	510	330	1.4	7.31	<0.002	210	77	140	330	<0.03	0.096	<4				2.5	0.32
MW-234D	Sept-99	12.2	320	23	34	782	440	1.7	7.91	0.0024	240	86	288	470	<0.03	<0.02	9.8				0.38	0.23
MW-234D	Dec-99	10.2	260	12	31	745	400	1.4	8.24	<0.002	245	92	191	470	<0.03	<0.02	<4	5	<0.01	<0.01	0.33	0.31
MW-234D	Apr-00	9.7	175	<10	30	550	228	1.2	7.75	<0.004	-74	76	23	352	0.178	0.138	<3	10	<0.01	<0.01	0.26	0.24
MW-234D	Jun-00	14	255	<10	30	550	338	1.2	7.85	<0.004	-160	88	7.49	421	<0.1	<0.05	<3				<1	<1
MW-234D	Sept-00	11.2	256	<10	29.6	714	334	1	7.44	0.005	-21	88	7.6	421	<0.1	<0.05	<3				<1	<1
MW-234D	Dec-00	9.2	229	<10	26.2	624	310	<1	7.66	<0.004	48	70	5.3	425	<0.1	0.115	<3				<1	<1
MW-234D	Mar-01	10.7	225	<10	26.2	618	284	2.2	7.54	0.0046	-23	78	1.8	358	<0.1	0.099	<3				<1	<1
MW-234D	Jun-01	12	318	<10	36.5	735	335	2.8	7.35	<0.004	-63	102	1.7	429	<0.1	<0.1	<3				<1	<1
MW-234D	Sept-01	12.6	256	<10	34.4	771	349	1.1	7.39	<0.004	-55	102	8.82	468	<0.1	<0.1	<3				<1	<1
MW-234D	Dec-01	10.6	254	<10	32.8	759	357	<1	7.29	<0.004	-13	91.7	6.58	451	<0.1	<0.1	<3				<1	<1
MW-234D	Mar-02	10.3	254	<10	34.5	696	353	<1	7.12	<0.004	-5	90.6	1.2	436	<0.1	<0.1	<3				<1	<1
MW-234D	Jun-02	11.9	253	<10	30.4	674	321	<1	7.59	0.005	-15	77.9	3	419	<0.1	<0.1	<3				<1	<1
MW-234D	Sept-02	12.4	255	<10	33.4	702	312	<1	7.44	0.0067	57.3	88.1	1.6	458	<0.1	<0.1	<3	10	<0.005	<0.01	<1	<1
MW-234D	Dec-02	9.4	238	<10	38.1	717	327	<1	7.48	<0.004	1.5	94	0.9	462	<0.1	<0.1	<3				<1	<1
MW-234D	Apr-04	11.2	241	<10	35.9	755	350	1.1	7.96	<0.004	189	105	3.2	463	<0.1	<0.1	<3	<5	<0.005	<0.01	<1	<1
MW-234D	Jun-05	15.3	143	<10.0	28	493	204	2.69	7.97	<0.010	116	71.7	6.3	340	<1.00	0.39	<4.00	15	<0.010	<0.010	<1.00	<1.00
MW-234D	Sept-06	12.3	170	<10	38	233	360	1.4	8.06	<0.010	416	120	0	530	3.2	<0.25	<4.0	15	<0.010	<0.010	0.25	<1.0

TABLE 13 - HISTORICAL GROUNDWATER ANALYTICAL DATA - WATER QUALITY PARAMETERS

Monitoring Well	Sample Date	Temp (C)	ALK (mg/l)	COD (mg/l)	Cl- (mg/l)	Cond umhos/cr	Hard (mg/l)	TOC (mg/l)	pH (field) (S.U.)	Phenols (mg/l)	Eh (mV)	SO4= (mg/l)	Turb (NTU)	TDS (mg/l)	NH3 (mg/l)	NO3- (mg/l)	BOD5 (mg/l)	Color (units)	CN- (mg/l)	Cr+6 (mg/l)	TKN (mg/l)	Br- (mg/l)
Class GA GW Qual. Surs & Gnd. Val.					250				6.5-8.5	0.001		250		500	2	10						2
MW-235S	Dec-00	8.4	578	19.2	25.5	1142	637	<1	7.39	<0.004	-39	61	11	719	<0.1	<0.05	<3				<1	<1
MW-235S	Mar-01	10.9	570	<10	<1	1144	571	7.1	7.31	<0.004	-94	54	1.6	668	<0.1	0.09	<3				1.23	<1
MW-235S	Jun-01	13.9	555	<10	31.2	1158	600	11	7.14	<0.004	-116	68	4.2	685	<0.1	<0.1	<3	250	<0.01		<1	<1
MW-235S	Sep-01	13.1	553	13.8	27.3	1181	621	5.9	7.2	<0.004	-117	59.1	3.46	702	0.114	<0.1	<3				<1	<1
MW-235S	Dec-01	10.8	619	25.6	21.7	1200	629	5.6	7.07	<0.004	-109	48.9	33.8	696	<0.1	<0.1	<3				1.46	<1
MW-235S	Mar-02	10.5	646	14.2	17.9	1213	699	6.7	7.11	<0.004	-60	40.2	1.82	733	<0.1	<0.1	<3				<1	<1
MW-235S	Jun-02	12.3	679	<10	16.6	1264	358	7.1	7.26	<0.004	-89	38.1	2.7	719	0.11	<0.1	<3				<1	<1
MW-235S	Sept-02	12.1	678	12.9	17.6	1233	674	4.4	7.25	<0.004	28.5	40.2	13	776	0.242	<0.1	<3	25	<0.005	<0.01	<1	<1
MW-235S	Dec-02	8.5	671	<10	16.6	1357	693	4.7	7.25	<0.004	-11	32.5	2.4	775	<0.1	<0.1	<3				<1	<1
MW-235S	Apr-04	11.7	627	16	20.2	1228	628	6.8	7.72	<0.004	98	25.7	9.4	748	0.433	<0.1	<3	15	<0.005	<0.01	<1	<1
MW-235D	Dec-00	8.6	183	<10	17.1	539	201	<1	7.72	<0.004	8	79	4.1	326	0.134	<0.05	<3				<1	<1
MW-235D	Mar-01	10.6	188	<10	18	539	187	2.5	7.62	<0.004	-90	75	2.9	286	<0.01	0.121	3				<1	<1
MW-235D	Jun-01	14.9	185	<10	19.8	567	197	4.2	7.71	<0.004	-27	79.2	3.1	320	<0.1	<0.1	<3	5	<0.01		<1	<1
MW-235D	Sep-01	14.7	214	11	17	574	201	2.1	7.79	<0.004	99	75.2	2.71	328	<0.1	0.187	<3				<1	<1
MW-235D	Dec-01	11	197	<10	17.3	562	216	1.3	7.45	<0.004	-82	68.3	8.1	316	0.242	<0.1	<3				<1	<1
MW-235D	Mar-02	10.5	197	<10	16.8	474	210	1.6	7.64	<0.004	37	70.4	4.94	323	<0.1	0.262	<3				<1	<1
MW-235D	Jun-02	12.6	217	<10	18.4	1292	195	2.2	6.86	<0.004	-98	58.3	4.5	341	2.35	<0.1	<3				2.05	<1
MW-235D	Sept-02	12.5	237	<10	19.9	546	187	2.2	7.9	0.0055	-3.3	38.6	8.9	334	5.96	<0.1	4	15	<0.005	<0.01	5.76	<1
MW-235D	Dec-02	9.5	205	<10	20.1	541	193	1.3	7.85	<0.004	-88.5	60.2	6.4	335	2.53	<0.1	3				2.31	<1
MW-235D	Apr-04	11.4	320	128	9.27	616	248	42	7.58	0.215	-76	<5.0	6.8	373	18.3	<0.1	>20E	<5	<0.005	<0.01	18.9	<1

TABLE 13 - HISTORICAL GROUNDWATER ANALYTICAL DATA - WATER QUALITY PARAMETERS

Monitoring Well	Sample Date	Temp (C)	ALK (mg/l)	COD (mg/l)	Cl- (mg/l)	Cond umhos/cm	Hard (mg/l)	TOC (mg/l)	pH (field) (S.U.)	Phenols (mg/l)	Eh (mV)	SO4= (mg/l)	Turb (NTU)	TDS (mg/l)	NH3 (mg/l)	NO3- (mg/l)	BOD5 (mg/l)	Color (units)	CN- (mg/l)	Cr+6 (mg/l)	TKN (mg/l)	Br- (mg/l)
Class GA GW Qual.					250				6.5-8.5	0.001		250		500	2	10						2
Star's & Gold. Val.																						
MW-2365	Nov-89	10.9	156	<10.0	13.8	355	212	2.22	0.016	-53.3	48.2	35	287	0.11	<0.10	<0.10	10	<5	<0.005	0.03		
MW-2365	Feb-90	169	169	16.4	16.4	234	234	1.12	<0.005	65.4	65.4	3.08	252	0.19			5	10			78	
MW-2365	Apr-90	12.4	168	14.3	14.3	487	200	11.5	<0.005	-32.4	65.9	19	334	<0.04			44	5			0.19	
MW-2365	Nov-90	10	180	49	17.1	360	255	15	7.1	<0.010	105.2	68	625	314	0.05	<0.1	9.2	5	<0.004	0.033	<0.5	
MW-2365	Feb-91	9	172	4.3	15.9	520	240	14	7.45	<0.010	64.5	65	145	353	0.12	<0.04						
MW-2365	May-91	11	168	2.2	12.8	360	236	<3	7.27	<0.010	229.8	60	109	313	0.03	<0.04						
MW-2365	Aug-91	11	170	6.7	14.6	530	232	12	6.98	<0.010	169.7	64.8	74	347	0.05	<0.04						
MW-2365	Nov-91	11	170	5.8	12	482	210	<1	7.68	<0.010	366.9	58	17	307	0.03	<0.04						
MW-2365	Feb-92	10	204	10.6	15.8	487	216	3	7.67	<0.010	338.9	51	42	272	0.06	<0.02	<0.5	<5	<0.010	<0.004	<0.5	
MW-2365	May-92	12	200	6.4	14	469	213	<1.0	7.54	<0.010	331.3	63	84	336	<0.04	0.1						
MW-2365	Aug-92	12	168	1	16.5	448	190	<1	7.49	<0.010	359.5	72.8	60	372	<0.04							
MW-2365	Dec-92	10	192	8.9	13	582	185	<1	7.69	<0.010	291.1	69.3	59	300	<0.02	<0.02						
MW-2365	Feb-93	10	202	7	16	481	166	13	7.35	<0.010	258.2	54	355	384	<0.02	<0.02						
MW-2365	May-93	12.5	172	<1.0	22	350	201	5	6.86	<0.010	306.4	75.1	86	292	<0.02	<0.02	1	<5	0.005	<0.004	<0.5	
MW-2365	Aug-93	14.5	174	2.92	19	356	205	<1.0	6.86	<0.010	154.2	61.6	110	312	<0.02	<0.02						
MW-2365	Dec-93	10	210	3.9	17	498	222	1	7.04	0.027	170.4	117	410	868	0.06	0.07	<2.0				<0.5	0.8
MW-2365	Feb-94	10.5	222	8.9	17	670	256	<1.0	7.18	<0.010	260.6	76.1	425	316	<0.02	<0.05	3	<5	<0.004	<0.004	<0.5	0.79
MW-2365	May-94	11.5	212	12.9	30	473	252	17	7.16	0.033	150.2	77.6	70	400	<0.02	0.08					<0.5	
MW-2365	Aug-94	12.5	176	9.5	20.5	499	242	<1	7.12	<0.010	61.1	71.2	34.5	348	0.03	0.13	<2.0				<0.5	2
MW-2365	Nov-94	11.5	242	14.3	32	465	288	4	7.08	<0.010	108.4	85.2	45	472	0.02	0.26	<2.0				<0.5	2.05
MW-2365	March-95	10	327	10	43	512	406	15	6.48	<0.010	58.8	120	63	620	0.72	0.42	<2				<0.5	<0.2
MW-2365	June-95	13.5	258	<5.0	40	448	289	9	7.04	<0.010	1.6	79	120	468	0.34	0.3	6				<0.5	<0.2
MW-2365	Sept-95	11	155	12.5	21	330	191	<1	6.87	<0.010	100.1	48.5	240	328	0.11	0.13	<2				<0.5	<0.2
MW-2365	Nov-95	10	204	12.2	27	374	258	<1	7.56	<0.010	94.7	86.4	120	392	<0.02	0.08	<2				<0.5	<0.2
MW-2365	April-96	9.8	260	41	41	770	450	2.5	7.9	<0.002	210	110	>900	530	<0.03	0.13	6.6	150	<0.01	<0.01	0.86	3
MW-2365	June-96	10.6	220	44	23	5400	210	1.1	7.4	<0.002	220	45	360	390	0.14	0.052	<4				3.7	<2
MW-2365	Sept-96	13.4	240	28	19	560	260	1.1	7.7	<0.002	310	520	28	360	0.038	0.059	<4				0.35	<2
MW-2365	Nov-96	10.1	230	<1	32	712	260	1.8	6.61	<0.002	125	83	54	370	<0.03	0.04	<4				0.59	<2
MW-2365	March-97	9.8	170	17	36	910	370	1.8	6.7	<0.002	135	66	637	380	<0.03	0.053	<4				0.81	<2
MW-2365	June-97	12.1	250	30	32	577	440	1.5	6.78	0.0028	285	73	979	430	0.073	0.075	<4				0.37	<2
MW-2365	Sept-97	12	250	2.8	34	630	330	2.8	7.7	<0.002	195	72	130	450	0.073	0.14	<4				0.17	<2
MW-2365	Dec-97	11.1	230	31	27	820	350	3.1	6.12	<0.002	275	88	845	450	<0.03	0.07	<4				0.39	<2
MW-2365	Mar-98	9.4	280	1	39	813	440	1.9	6.73	<0.002	325	94	731	470	0.076	0.061	<4				0.39	<2
MW-2365	June-98	15.2	280	<3	34	670	320	2.1	6.69	<0.002	-65	66	356	420	0.047	0.06	<4				0.51	<1
MW-2365	Sept-98	11.8	200	72	23	484	280	1.8	7.5	<0.002	150	74	>999	340	<0.03	0.026	<4				0.4	<1
MW-2365	Dec-98	10.5	200	44	28	460	290	1.6	7.38	<0.002	90	75	684	270	<0.03	0.11	<4				0.18	<1

TABLE 13 - HISTORICAL GROUNDWATER ANALYTICAL DATA - WATER QUALITY PARAMETERS

Monitoring Well	Sample Date	Temp (C)	ALK (mg/l)	COD (mg/l)	Cl- (mg/l)	Cond umhos/cr	Hard (mg/l)	TOC (mg/l)	pH (field)	Phenols (mg/l)	Eh (mV)	SO4= (mg/l)	Turb (NTU)	TDS (mg/l)	NH3 (mg/l)	NO3- (mg/l)	BOD5 (mg/l)	Color (units)	CN- (mg/l)	Cr++6 (mg/l)	TKN (mg/l)	Br- (mg/l)
Class GA GW Qual. Std's & Guid. Val.																						
					250				6.5-8.5	0.001		250		500	2	10					2	
MW-236D	Nov-89	11.8	121	<0.01	77.5	363	167	0.84	0.011	<0.005	-71.15	10.1	135	266	0.07	<0.10	21	5	<0.005	<0.01		
MW-236D	Feb-90		113		75.6		167	1.28	<0.005			<10.0	14.3	260	0.37		47	10			35	
MW-236D	Apr-90	11.9	106		81	419	172	19.2	<0.005			10.6	12	281	<0.04		92	15			0.04	
MW-236D	Nov-90	10	119	8.8	76.8	340	185	7.2	7.35	<0.005	-66.8	13	55	298	<0.1	<0.1	2.9	<5	<0.004	0.026	<0.5	
MW-236D	Feb-91	10	116	<0.5	81.4	1000	190	9	8.11	<0.010	81.1	13.5	40	369	0.14	<0.04						
MW-236D	May-91	11	110	24	82.9	360	186	8	7.33	<0.010	222.8	13.5	61	331	0.05	<0.04						
MW-236D	Aug-91	12	108	9.8	82.3	550	182	4.6	7.28	<0.010	280.7	13.4	13	387	<0.03	<0.04						
MW-236D	Nov-91	10	108	2.9	78	530	160	<1	7.8	<0.010	392	11.4	5	306	0.03	<0.04						
MW-236D	Feb-92	11	126	15.8	80.2	525	108	2	7.59	<0.010	263.1	11.6	3.4	252	0.07	<0.02	<0.5	<5	<0.010	<0.004	<0.5	
MW-236D	May-92	13	116	1.8	70	494	163	<1.0	7.67	<0.010	269.2	19.2	1.5	352	0.05	0.08						
MW-236D	Aug-92	13	114	3	83	459	142	<1	7.63	<0.010	296.7	18.8	14.5	216	<0.04	0.02						
MW-236D	Dec-92	11	132	11.9	70	619	144	<1	7.79	<0.010	271.1	45.8	5.2	240	<0.02	<0.02						
MW-236D	Feb-93	11	114	<1.0	75	494	125	7	7.46	<0.010	221.1	13.5	1.6	296	0.02	0.04				<0.004	<0.5	
MW-236D	May-93	13	116	<1.0	75	346	140	4	7.49	<0.010	268.5	49.3	1.4	240	<0.02	<0.02	1	<5	0.004	<0.004	<0.5	
MW-236D	Aug-93	14	114	1.94	74	365	159	<1.0	7.24	<0.010	7	44.3	1.1	284	<0.02	<0.02						
MW-236D	Dec-93	11	116	3.9	77	447	166	<1.0	7.2	0.014	142.8	78	1.3	292	0.06	<0.05						
MW-236D	Feb-94	10	112	<1.0	75	502	109	<1.0	7.45	<0.010	232.5	38.2	3	256	<0.02	<0.05	<2.0				<0.5	
MW-236D	May-94	11	120	4.3	75	376	144	14	7.75	<0.010	156.9	31	1.9	288	0.07	0.04	2.2				0.93	
MW-236D	Aug-94	12.5	112	14.3	73	475	164	<1.0	7.34	<0.010	128	17.9	3	260	0.04	0.16	<2.0	5	<0.004	<0.004	<0.5	
MW-236D	Nov-94	11	145	19	75	411	134	<1	7.52	<0.010	154.7	14.4	3.7	316	<0.02	0.13	<2.0				2.24	
MW-236D	March-95	11	131	<5.0	76	371	154	4	6.79	0.038	49.9	32.9	4.7	288	0.34	0.25	<2				2.55	
MW-236D	June-95	14	121	<5.0	72	391	160	<1	7.03	<0.010	-17.7	15.8	2.6	296	0.29	0.12	<2				0.7	
MW-236D	Sept-95	12	123	<5.0	71	339	158	18	6.97	<0.010	93.8	10.2	3.3	292	0.09	<0.05	<2				0.5	
MW-236D	Nov-95	10.5	112	<5.0	73	345	147	<1	7.69	<0.010	23.5	26.7	4.2	288	<0.02	<0.05	<2	5	<0.004	<0.004	1.2	
MW-236D	April-96	11.3	120	<1	69	450	230	<1	7.2	<0.002	30	14	230	260	<0.03	0.023	<4	10	<0.01	<0.01	0.41	
MW-236D	June-96	11.2	150	1	62	459	200	<1	7.7	<0.002	230	10	10	280	<0.03	<0.02	<4			6	<2	
MW-236D	Sept-96	10.9	95	18	57	500	160	<1	7.3	<0.002	387	12	12	260	<0.03	<0.02	<4			0.51	<2	
MW-236D	Nov-96	9.9	120	<1	60	467	140	1.2	6.93	<0.002	190	13	9.4	230	<0.03	<0.02	<4			0.54	<2	
MW-236D	March-97	9.6	290	4.3	64	557	140	<1	6.2	<0.002	135	30	280	270	<0.03	<0.02	<4	10	<0.01	<0.01	0.48	
MW-236D	June-97	13.1	140	6.6	66	443	160	<1	5.85	<0.002	215	10	<1	290	<0.03	<0.02	<4			0.42	<2	
MW-236D	Sept-97	12.2	120	7	61	430	150	1.1	8	<0.002	155	33	3.2	300	<0.03	0.034	<4			0.3	<2	
MW-236D	Dec-97	11.3	150	16	54	509	150	1.4	5.56	<0.002	250	30	5	300	0.03	0.026	<4			0.27	<2	
MW-236D	Mar-98	8.1	160	<1	60	540	160	<1	6.5	<0.002	550	33	9	250	<0.03	<0.02	<4			0.26	<2	
MW-236D	June-98	16.5	360	<3	64	430	150	<1	6.93	<0.002	-35	11	12	250	0.053	0.043	7.8	1	<0.01	<0.01	0.24	
MW-236D	Sept-98	11.9	140	6.4	68	437	150	1.1	7.47	<0.002	270	13	27	280	<0.03	<0.02	<4			0.43	<1	
MW-236D	Dec-98	10.4	120	<1	80	432	160	<1	7.41	<0.002	50	15	66	240	<0.03	0.05	<4			0.045	<1	

TABLE 13 - HISTORICAL GROUNDWATER ANALYTICAL DATA - WATER QUALITY PARAMETERS

Monitoring Well	Sample Date	Temp (C)	ALK (mg/l)	COD (mg/l)	Cl- (mg/l)	Cond umhos/cm	Hard (mg/l)	TOC (mg/l)	pH (field)	Phenols (S.U.)	Eh (mV)	SO4= (mg/l)	Turb (NTU)	TDS (mg/l)	NH3 (mg/l)	NO3- (mg/l)	BOD5 (mg/l)	Color (units)	CN- (mg/l)	Cr+6 (mg/l)	TKN (mg/l)	Br- (mg/l)
Class GA GW Qual.									6.5-8.5	0.001		250		500	2	10						2
Sdr & Gold. Vol.																						
MW-2455	Nov-89	10.7	297	35.9	35.5	851	648	2.93		0.024	-16.4	339	280	781	0.29	<0.10	32	<5	<0.005	<0.01		
MW-2455	Feb-90		336		47.9		750	9.42		<0.005		337	2150	945	0.14		8	70			2.34	
MW-2455	Apr-90	11.4	382		57.3	969	670	3.57		<0.005		331	50	970	0.11		8	15			0.75	
MW-2455	Nov-90	12	334	31	27.4	1200	610	19	7.01	<0.005	134.5	750	300	889	0.14	<0.04	3.4		0.004	<0.004	<0.5	
MW-2455	Feb-91	11	364	3	43.6	1100	640	8.6	7.35	<0.010	4	154	125	884	0.1	<0.04						
MW-2455	May-91	12	356	7.5	55.6	890	640	9	6.8	<0.010	233.9	218	196	876	0.05	0.31						
MW-2455	Aug-91	12	336	14.8	44.2	1320	650	9.2	7.25	<0.010	105.6	277	250	485	0.07	<0.04						
MW-2455	Nov-91	12	330	35	26	1244	614	<1	7.05	<0.010	175.9	286	280	920	0.17	<0.02	<0.5	<5	<0.010	<0.004	<0.5	
MW-2455	Feb-92	10	318	21.1	25.7	1221	707	10	6.76	<0.010	212.4	266	80	1068	0.06	<0.02						
MW-2455	May-92	13	422	8.6	90	1268	658	<1.0	7.01	<0.010	177.9	225	35	720	0.06	<0.02						
MW-2455	Aug-92	14	1910	<1.0	43.5	900	546	<1	6.74	<0.010	97.7	225	35	720	0.06	<0.02						
MW-2455	Dec-92	10.5	390	42.1	40	1426	588	<1	7.22	<0.010	211.8	241	435	944	0.1	<0.02						
MW-2455	Feb-93	10	426	27	42	1102	516	34	6.52	<0.010	159.4	293	360	956	0.11	0.02						
MW-2455	Jun-93	12.5	354	12.8	38	457	502	8	7.1	<0.010	216.8	296	220	916	0.02	<0.02	1	<5	<0.004	<0.004	0.5	
MW-2455	Sep-93	13.5	314	4.86	40	683	568	<1.0	6.75	<0.010	96.1	317	190	888	<0.02	<0.02						
MW-2455	Dec-93	11	256	7.4	31	904	568	10	7.08	<0.010	139.2	352	240	872	<0.02	0.02	<2.0				<0.5	0.82
MW-2455	Mar-94	11	416	10.6	37	1275	628	60	6.96	<0.010	248.4	402	260	860	0.04	<0.05	<2.0				<0.5	1
MW-2455	Jun-94	13.5	472	6.5	35	1035	633	3	6.86	<0.010	109.1	339	230	1053	<0.02	0.02	<2.0	100	<0.004	0.004	<0.5	3.92
MW-2455	Aug-94	11.5	236	<5.0	22.5	852	447	2	6.99	<0.010	69.4	235	28	646	0.07	<0.05	<2.0				<0.5	2
MW-2455	Nov-94	11.5	509	5	46	686	844	13	7.12	<0.010	106.4	229	53	1052	1.83	0.11	<2				<0.5	0.3
MW-2455	March-95	12	355	<5.0	39	558	607	<1	7.08	<0.010	13.0	286	93	952	0.18	0.64	<2				<0.5	0.2
MW-2455	June-95	11.5	378	20.8	45	525	562	32	7.12	<0.010	11.7	315	110	992	0.21	0.1	<2				<0.5	0.3
MW-2455	Sept-95	10.5	532	<5.0	45	512	646	<1	7.01	<0.010	16.3	239	15	1036	0.1	<0.05	<2				<0.5	0.3
MW-2455	Dec-95	10.5	532	<5.0	45	512	646	<1	7.01	<0.010	16.3	239	15	1036	0.1	<0.05	<2				<0.5	0.3
MW-2455	April-96	11.2	480	79	45	1390	770	2.3	7.1	<0.002	150	280	140	1100	0.042	<0.02	<4	200	<0.01	<0.01	0.49	0.84
MW-2455	June-96	12.3	350	88	21	1180	550	2.3	6.6	0.0056	120	380	560	830	0.046	<0.02	<4				11	<2
MW-2455	Sept-96	10.8	410	43	28	1200	620	2.2	7.5	<0.002	70	460	82	860	<0.03	0.033	<4				0.72	<2
MW-2455	Nov-96	9.5	370	120	29	1130	540	2.3	7.02	<0.002	100	440	150	750	0.06	<0.02	<4				0.87	<2
MW-2455	March-97	9.9	380	23	25	1210	600	3.2	7.1	<0.002	110	240	>999	730	<0.03	<0.02	<4	15	<0.01	<0.01	0.29	<2
MW-2455	June-97	11.6	410	68	32	1150	650	2.7	6.79	<0.002	305	440	337	830	0.16	<0.02	<4				1.2	<2
MW-2455	Sept-97	13	530	15	33	1100	570	2.4	7.4	<0.002	165	240	135	660	0.15	<0.02	<4				0.33	<2
MW-2455	Dec-97	9.3	340	14	23	1100	570	2.4	7.58	<0.002	155	280	135	660	0.15	<0.02	<4				0.4	<2
MW-2455	Mar-98	9.7	400	13	25	1230	600	2	7.47	<0.002	240	420	42	840	0.081	<0.02	<4				0.38	<2
MW-2455	June-98	12.4	240	<3	3.3	453	460	3.3	7.55	<0.002	115	41	238	270	<0.03	0.054	<4	20	<0.01	<0.01	0.95	<1
MW-2455	Sept-98	12.2	330	8.2	32	916	640	2.4	6.55	<0.002	155	190	443	690	<0.03	<0.02	<4				0.55	<1
MW-2455	Dec-98	9.8	360	14	53	893	790	2	7.59	<0.002	115	180	>999	590	<0.03	0.041	7.6				0.4	<1
MW-2455	Apr-99	10.7	320	8.4	25	1110	690	2.1	6.5	<0.002	75	240	315	820	0.061	<0.02	<4				1.1	<0.1
MW-2455	Jun-99	11.5	360	31	30	1170	730	1.9	5.14	0.0023	280	210	104	740	0.045	<0.02	<4				0.64	<0.1
MW-2455	Sept-99	12.5	340	8.5	40	1020	630	2	6.79	<0.002	300	200	55	710	<0.03	<0.02	<4				0.45	<0.1
MW-2455	Dec-99	9.7	360	49	31	1130	610	1.8	6.07	<0.002	520	200	403	680	0.099	<0.02	<4	5	<0.01	<0.03	0.45	<0.1
MW-2455	Apr-00	9.8	380	<10	28.3	1150	582	1.8	7.11	<0.004	75	200	9.4	828	0.167	<0.05	<3	50	0.016	<0.01	<1	<1
MW-2455	Jun-00	14.4	463	<10	32.8	950	667	3.1	7.53	<0.004	78	250	4.31	893	0.124	<0.05	<3				<1	<1
MW-2455	Sept-00	11.3	419	<10	34.9	1096	614	2.5	7.07	<0.004	22	200	6.6	776	0.125	<0.05	<3				<1	<1
MW-2455	Dec-00	9	366	<10	27.6	995	519	<1	7.46	<0.004	84	210	16	711	0.11	<0.05	<3				<1	<1
MW-2455	Mar-01	10.1	451	<10	25.7	1125	517	2.5	7.06	<0.004	63	220	16	831	<0.1	0.056	<3				<1	<1
MW-2455	Jun-01	13.3	337	<10	45.5	971	411	4.5	7.15	0.0041	98	148	6.1	623	<0.1	<0.1	<3	20	<0.01	<0.01	<1	<1
MW-2455	Sept-01	12.7	297	<10	34	939	453	2	7.24	<0.004	43	170	12.9	572	0.111	<0.1	<3				<1	<1
MW-2455	Dec-01	10.3	333	<10	27.7	963	499	1.2	7.54	<0.004	69	171	11.5	622	<0.1	<0.1	<3				<1	<1
MW-2455	Mar-02	9.2	374	10.4	25.1	954	545	1.4	6.79	<0.004	108	201	11.5	698	0.109	<0.1	<3				<1	<1
MW-2455	Jun-02	12.8	484	<10	29.1	1257	631	2.2	7.13	<0.004	31	219	6.8	846	0.147	<0.1	<3				<1	<1
MW-2455	Sept-02	12.3	402	<10	24.7	892	537	2.3	6.88	<0.004	152.3	190	9.91	779	0.109	<0.1	<3	5	<0.005	<0.01	<1	<1
MW-2455	Dec-02	9.1	460	<10	29.5	1386	641	2.5	7.09	0.0204	18	221	13	805	0.128	<0.1	<3				<1	<1
MW-2455	Apr-04	11.7	293	<10	19.5	901	412	2.5	7.82	<0.004	62	150	5.2	570	<0.10	<0.1	<3	<5	<0.005	<0.01	<1	<1
MW-2455	Jun-05	16.7	260	11.6	42	708	415	2.97	8.59	<0.010	81	126	150	542	<1.00	<0.200	<4.00	20	<0.0100	<0.010	<1.00	<1.00
MW-2455	Sept-06	16.6	250	37	29	261	850	1.6	9.14	<0.010	531	170	1000	620	<1.0	<0.25	<4	130	<0.010	<0.010	<1.0	<1.0

TABLE 13 - HISTORICAL GROUNDWATER ANALYTICAL DATA - WATER QUALITY PARAMETERS

Monitoring Well	Sample Date	Temp (C)	ALK (mg/l)	COD (mg/l)	Cl- (mg/l)	Cond (umhos/cm)	Hard (mg/l)	TOC (mg/l)	pH (field) (S.U.)	Phenols (mg/l)	Eh (mV)	SO4= (mg/l)	Turb (NTU)	TDS (mg/l)	NH3 (mg/l)	NO3- (mg/l)	BOD5 (mg/l)	Color (units)	CN- (mg/l)	Cr+6 (mg/l)	TKN (mg/l)	Br- (mg/l)
Class GA GW Qual.			250			6.5-8.5	0.001					250		500	2	10						2
MW-245D	Feb-90		167	39.6	16	153	25	3.72		0.006	-16.75	149	8	411	<0.04	<0.01			<0.005	0.01		
MW-245D	Apr-90	11.3	197		17.2	536						163	13	482	0.8		22	10			0.98	
MW-245D	Nov-90	9	366	116	14.7	890	210	26	7.45	0.085	1.7	110	42	565	2.8	<0.04	23		0.004	0.004	8.1	
MW-245D	Feb-91	11	358	18.1	18.9	930	260	<3.0	7.63	<0.010	48.3	138	180	496	4.4	<0.04						
MW-245D	May-91	12	288	9.4	15.7	600	290	6.1	7.01	<0.010	171.5	122	80	530	2.62	0.55						
MW-245D	Aug-91	11	276	11.7	18.3	915	330	7.3	7.58	<0.010	104.9	154	40	580	1.91	<0.04						
MW-245D	Nov-91	13	306	7.8	17	898	288	<1	7.18	<0.010	53	112	21	540	5.95	<0.04						
MW-245D	Feb-92	10	340	28.6	19.8	862	370	3	6.86	<0.010	131.2	151	29	496	4.8	<0.02	1.2	<5	<0.010	<0.004	6	
MW-245D	May-92	13	288	10.6	11	842	320	<1.0	7.24	<0.010	199.2	164	2.3	624	2.59	<0.02						
MW-245D	Aug-92	13	330	<1.0	20	570	297	<1	6.93	<0.010	64.1	125	20	176	4.44	<0.02						
MW-245D	Dec-92	10	314	9.14	14.5	1046	293	<1	7.24	<0.010	203.8	158	7.7	572	3.34	0.12						
MW-245D	Feb-93	10	288	16.2	14.5	804	262	27	6.79	<0.010	142.7	184	3.6	556	2.89	<0.02						
MW-245D	Jun-93	13.5	300	1.7	16	441	325	7	7.31	<0.010	202.2	175	5	560	3.99	0.09	2.2	<5	<0.004	<0.004	5	
MW-245D	Sep-93	13	264	<1.0	17	609	350	<1.0	6.94	<0.010	151.5	159	0.5	568	2.87	<0.02						
MW-245D	Dec-93	10.5	244	<1.0	18	814	398	10	7.09	<0.010	0.1	212	3.1	592	2	0.03	<2.0				3.54	0.19
MW-245D	Mar-94	11	244	<1.0	19	904	338	34	6.88	<0.010	240.6	181	2	448	2.97	<0.05	<2.0				6.03	0.16
MW-245D	Jun-94	14	260	<1.0	17	709	362	<1	7.15	<0.010	105.8	181	1.3	593	3.78	0.02	<2.0				<0.5	1.12
MW-245D	Aug-94	11.5	248	13.3	19	885	412	12	7.08	<0.010	64.8	195	2.1	548	2.39	1.18	2	10	<0.004	<0.004	<0.5	1.88
MW-245D	Nov-94	11.5	267	23.8	19	649	347	9	7.26	<0.010	128.9	173	1.3	560	1.65	0.33	<2.0				1.38	<0.2
MW-245D	March-95	11.5	148	<5.0	18	535	459	6	7.22	<0.010	107.2	157	0.6	544	3.55	0.22	<2				3.2	<0.2
MW-245D	June-95	12	271	14	18	502	378	3	6.99	<0.010	12.8	182	2.9	604	2.17	0.22	<2				1.13	<0.2
MW-245D	Sept-95	11	242	12.5	19	461	356	15	7.05	<0.010	14.8	204	1.2	668	3.27	0.08	<2				0.73	<0.2
MW-245D	Dec-95	10	250	<5.0	20	426	362	<1	7.07	<0.010	27.4	206	1	640	2.46	0.02	<2				2.1	0.12
MW-245D	April-96	11.2	270	5.5	21	95	610	2.6	7.5	<0.002	175	210	10	650	1	0.02	<4	30	<0.01	<0.01	10	<2
MW-245D	June-96	12.4	290	14	16	1000	520	1.4	7.2	<0.002	5	320	10	1300	1	<0.02	5.2				6.1	<2
MW-245D	Sept-96	11	330	<1	16	980	400	5.4	7.3	<0.002	30	350	45	700	0.73	<0.02	11				2.3	<2
MW-245D	Nov-96	9.9	340	10	20	1000	300	1.4	7.17	<0.002	105	380	26	650	2.2	<0.02	8.5	10	<0.01	<0.01	6	<2
MW-245D	March-97	9.6	480	38	18	1010	420	2.1	7		125	90	110	640	6	0.1	<4				7.3	<2
MW-245D	June-97	11.9	160	26	19	883	380	2.3	6.73	0.014	180	170	100	590	4.9	0.021	<4				6	<2
MW-245D	Sept-97	13.8	340	13	63	930	330	1.4	7.7	<0.002	190	180	9	640	5.7	<0.02	5				6.8	<2
MW-245D	Dec-97	9.4	350	7	17	990	390	1.9	7.49	<0.002	40	280	23	590	3.1	<0.02	8				4.7	<2
MW-245D	Mar-98	9.6	430	28	19	1020	390	2.9	7.69	<0.002	240	190	29	620	8.4	<0.02	9.5				9.1	<2
MW-245D	June-98	12.1	400	<3	20	957	400	1.9	6.85	<0.002	45	210	33	670	12	0.055	<4	20	<0.01	<0.01	13	<2
MW-245D	Sept-98	12.1	360	15	26	960	410	3.1	6.65	<0.002	15	180	46	790	6	<0.02	9				6.9	<1
MW-245D	Dec-98	9.7	270	19	20	840	490	2.2	7.04	<0.002	15	110	16	500	2.4	0.038	11				2.9	<1
MW-245D	Jun-99	11.3	350	40	20	1020	410	1.8	6.37	<0.002	160	184	118	620	8.3	0.027	7.7				9.7	<0.1
MW-245D	Apr-00	9.6	222	54.8	23.9	990	384	1.8	7.14	<0.004	-67	140	24	622	9.43	0.994		150	<0.01		11.8	
MW-245D	Jun-00	14.1	304	28.3	23.7	750	321	1.4	7.58	<0.004	-100	190	25.6	629	7.14	0.094	3				8.22	<1
MW-245D	Sept-00	11.5	300	<10	23.2	977	329	1.5	7.53	<0.004	-100	170	12	580	6.71	<0.05	<3				7.19	<1
MW-245D	Dec-00	9	295	<10	21.9	954	298	<1	7.59	<0.004	-45	200	13	574	7.01	<0.05	<3				8.37	<1
MW-245D	Mar-01	9.9	351	<10	23	948	271	5.3	7.2	<0.004	-117	190	12	546	6.93	<0.05	<3				5.52	<1
MW-245D	Jun-01	13.1	297	<10	26.2	1012	292	2.9	7.54	<0.004	-111	206	20	584	7.08	0.352	5				9.08	<1
MW-245D	Sept-01	13.1	283	27.8	24.2	970	290	1.8	7.53	0.005	-112	198	15.1	552	7.12	<0.1	<3				5.32	<1
MW-245D	Dec-01	10.2	288	<10	23.2	959	266	<1	7.53	<0.004	-81	192	19.2	571	7.29	<0.1	<3				8.74	<1
MW-245D	Mar-02	9.7	294	<10	21.8	901	315	<1	7.33	<0.004	-80	188	34.9	563	8.22	<0.1	<3				6.02	<1
MW-245D	Jun-02	13	295	<10	22.3	925	307	1.6	7.51	<0.004	-73	185	25.7	569	7.09	<0.1	<3				5.56	<1
MW-245D	Sept-02	12.3	294	<10	23.8	817	288	<1	7.41	<0.004	167	188	33.1	609	6.59	<0.1	<3				5.85	<1
MW-245D	Dec-02	8.9	278	<10	25.7	936	293	1.1	7.71	<0.004	-49	202	8.5	575	6.48	<0.1	5				5	<1
MW-245D	Apr-04	11.3	558	24	23.7	843	361	2	7.78	<0.004	42	176	6.2	593	4.59	0.89	13				4.02	<1.00
MW-245D	Jun-05	15.7	314	17.5	25	874	327	2.45	7.98	<0.010	109	165	37	590	<1.00	1.11	18.8	20	<0.010	<0.010	<1.00	
MW-245D	Sep-06	13.5	120	43	11	263	150	3.8	8.97	<0.010	262	5.7	160		<1.0	<0.25	<4				<1.0	

TABLE 14 - HISTORICAL GROUNDWATER ANALYTICAL DATA - METAL PARAMETERS

Monitoring Well	Sample Date	d-Al (mg/l)	d-Sb (mg/l)	d-Ar (mg/l)	d-Ba (mg/l)	d-Bc (mg/l)	d-B (mg/l)	d-Cd (mg/l)	d-Ca (mg/l)	d-Cr (mg/l)	d-Co (mg/l)	d-Cu (mg/l)	d-Fe (mg/l)	d-Mg (mg/l)	d-Mn (mg/l)	d-Hg (mg/l)	d-Ni (mg/l)	d-K (mg/l)	d-Se (mg/l)	d-Ag (mg/l)	d-Na (mg/l)	d-Tl (mg/l)	d-V (mg/l)	d-Zn (mg/l)	d-Pb (mg/l)
Chase GW Qual.		0.025	1	0.003	1	0.003	1	0.005	0.05	0.05	0.2	0.3	0.3	35	0.3	0.002	0.1	0.01	0.05	20	0.001	2	0.025		
San Joaquin																									
MW-2305	Nov-89																								
MW-2305	Feb-90																								
MW-2305	Apr-90																								
MW-2305	Nov-90																								
MW-2305	Feb-91																								
MW-2305	May-91																								
MW-2305	Aug-91																								
MW-2305	Nov-91																								
MW-2305	Feb-92																								
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MW-2305	Nov-94																								
MW-2305	March-95																								
MW-2305	June-95																								
MW-2305	Sept-95																								
MW-2305	Nov-95																								
MW-2305	April-96																								
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MW-2305	June-98																								
MW-2305	Sept-98																								
MW-2305	Dec-98																								
MW-2305	Apr-00																								
MW-2305	June-01																								
MW-2305	Sept-02																								
MW-2305	Apr-04																								
MW-2305	June-05																								
MW-2305	Sept-06																								

TABLE 14 - HISTORICAL GROUNDWATER ANALYTICAL DATA - METAL PARAMETERS

Monitoring Well	Sample Date	d-Al (mg/l)	d-Sb (mg/l)	d-As (mg/l)	d-Ba (mg/l)	d-Be (mg/l)	d-B (mg/l)	d-Cd (mg/l)	d-Cl (mg/l)	d-Co (mg/l)	d-Cu (mg/l)	d-Fe (mg/l)	d-Mg (mg/l)	d-Mn (mg/l)	d-Hg (mg/l)	d-Ni (mg/l)	d-K (mg/l)	d-Se (mg/l)	d-Ag (mg/l)	d-Na (mg/l)	d-Tl (mg/l)	d-V (mg/l)	d-Zn (mg/l)	d-Pb (mg/l)
Class OA QW Qual.	Sat'd & Cond. Val.	0.025	1	0.003	1	0.065	0.85	0.2	0.3	35	0.002	0.1	0.01	0.05	20	0.001	2	0.025						
MW-2100	Nov-89																							
MW-2100	Feb-90																							
MW-2100	Apr-90																							
MW-2100	Nov-90																							
MW-2100	Feb-91																							
MW-2100	May-91																							
MW-2100	Aug-91																							
MW-2100	Nov-91																							
MW-2100	Feb-92																							
MW-2100	May-92																							
MW-2100	Aug-92																							
MW-2100	Dec-92																							
MW-2100	Feb-93																							
MW-2100	May-93																							
MW-2100	Aug-93																							
MW-2100	Dec-93																							
MW-2100	Feb-94																							
MW-2100	May-94																							
MW-2100	Aug-94																							
MW-2100	Nov-94																							
MW-2100	March-95																							
MW-2100	June-95																							
MW-2100	Sept-95																							
MW-2100	Nov-95																							
MW-2100	April-96																							
MW-2100	June-96																							
MW-2100	Sept-96																							
MW-2100	Nov-96																							
MW-2100	Mar-97																							
MW-2100	June-97																							
MW-2100	Sept-97																							
MW-2100	Dec-97																							
MW-2100	Mar-98																							
MW-2100	June-98																							
MW-2100	Sept-98																							
MW-2100	Dec-98																							
MW-2100	Apr-99																							
MW-2100	Jun-01																							
MW-2100	Sept-02																							
MW-2100	Apr-04																							
MW-2100	Jun-05																							
MW-2100	Sept-06																							

TABLE 14 - HISTORICAL GROUNDWATER ANALYTICAL DATA - METAL PARAMETERS

Monitoring Well	Sample Date	d-Al (mg/l)	d-Sb (mg/l)	d-As (mg/l)	d-Ba (mg/l)	d-Be (mg/l)	d-B (mg/l)	d-Cd (mg/l)	d-Ca (mg/l)	d-Cr (mg/l)	d-Co (mg/l)	d-Cu (mg/l)	d-Fe (mg/l)	d-Mg (mg/l)	d-Mn (mg/l)	d-Hg (mg/l)	d-Ni (mg/l)	d-K (mg/l)	d-Se (mg/l)	d-Ag (mg/l)	d-Na (mg/l)	d-Tl (mg/l)	d-V (mg/l)	d-Zn (mg/l)	d-Pb (mg/l)		
Class OA OP Quad.				0.025	1	0.003	1	0.005		0.05		0.2	0.3	35	0.3	0.002	0.1		0.01	0.05	20	0.001			2	0.025	
State & Quad. No.																											
MW-2325	Nov-89																										
MW-2325	Feb-90																										
MW-2325	Apr-90																										
MW-2325	Nov-90																										
MW-2325	Feb-91																										
MW-2325	May-91																										
MW-2325	Aug-91																										
MW-2325	Nov-91																										
MW-2325	Feb-92																										
MW-2325	May-92																										
MW-2325	Aug-92																										
MW-2325	Dec-92																										
MW-2325	Feb-93																										
MW-2325	May-93																										
MW-2325	Aug-93																										
MW-2325	Dec-93																										
MW-2325	Feb-94																										
MW-2325	May-94																										
MW-2325	Aug-94																										
MW-2325	Nov-94																										
MW-2325	March-95																										
MW-2325	June-95																										
MW-2325	Sept-95																										
MW-2325	Nov-95																										
MW-2325	April-96																										
MW-2325	June-96																										
MW-2325	Sept-96																										
MW-2325	Nov-96																										
MW-2325	Mar-97																										
MW-2325	June-97																										
MW-2325	Sept-97																										
MW-2325	Dec-97																										
MW-2325	Mar-98																										
MW-2325	June-98																										
MW-2325	Sept-98																										
MW-2325	Dec-98																										
MW-2325	Jan-00																										
MW-2325	Sept-00																										
MW-2325	Dec-00																										
MW-2325	Mar-01																										
MW-2325	June-01																										
MW-2325	Sept-01																										
MW-2325	Dec-01																										
MW-2325	Mar-02																										
MW-2325	Jun-02																										
MW-2325	Sept-02																										
MW-2325	Dec-02																										
MW-2325	Jun-05																										

TABLE 14 • HISTORICAL GROUNDWATER ANALYTICAL DATA • METAL PARAMETERS

[illegible]

TABLE 14 - HISTORICAL GROUNDWATER ANALYTICAL DATA - METAL PARAMETERS

Monitoring Well	Sample Date	d-Al (mg/l)	d-Sb (mg/l)	d-As (mg/l)	d-Ba (mg/l)	d-Be (mg/l)	d-Bi (mg/l)	d-Cd (mg/l)	d-Ca (mg/l)	d-Cr (mg/l)	d-Co (mg/l)	d-Cu (mg/l)	d-Fe (mg/l)	d-Mg (mg/l)	d-Mn (mg/l)	d-Hg (mg/l)	d-Ni (mg/l)	d-K (mg/l)	d-Se (mg/l)	d-Ag (mg/l)	d-Na (mg/l)	d-Tl (mg/l)	d-V (mg/l)	d-Zn (mg/l)	d-Pb (mg/l)
Case GA CW Qual.				0.025	1	0.003	1	0.005		0.05		0.2	0.3	35	0.3	0.002	0.1		0.01	0.05	20	0.001		2	0.025
State & Const. Val.																									
MW-2335	Nov-90																								
MW-2335	Feb-91																								
MW-2335	May-91																								
MW-2335	Aug-91																								
MW-2335	Nov-91																								
MW-2335	Feb-92																								
MW-2335	May-92																								
MW-2335	Aug-92																								
MW-2335	Dec-92																								
MW-2335	Feb-93																								
MW-2335	May-93																								
MW-2335	Aug-93																								
MW-2335	Dec-93																								
MW-2335	Feb-94																								
MW-2335	May-94																								
MW-2335	Aug-94																								
MW-2335	Nov-94																								
MW-2335	March-95																								
MW-2335	June-95																								
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MW-2335	Nov-95																								
MW-2335	April-96																								
MW-2335	June-96																								
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MW-2335	Nov-96																								
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MW-2335	June-97																								
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MW-2335	Mar-98																								
MW-2335	June-98																								
MW-2335	Sept-98																								
MW-2335	Dec-98																								
MW-2335	June-00																								
MW-2335	Sept-00																								
MW-2335	Dec-00																								
MW-2335	Mar-01																								
MW-2335	June-01																								
MW-2335	Sept-01																								
MW-2335	Dec-01																								
MW-2335	Mar-02																								
MW-2335	June-02																								
MW-2335	Sept-02																								
MW-2335	Dec-02																								
MW-2335	Apr-04																								
MW-2335	June-05																								
MW-2335	Sept-06																								

TABLE 14 - HISTORICAL GROUNDWATER ANALYTICAL DATA - METAL PARAMETERS

Monitoring Well	Sample Date	d-Al (mg/l)	d-Sb (mg/l)	d-As (mg/l)	d-Ba (mg/l)	d-Be (mg/l)	d-B (mg/l)	d-Cl (mg/l)	d-Cr (mg/l)	d-Cu (mg/l)	d-Fe (mg/l)	d-Mg (mg/l)	d-Mn (mg/l)	d-Hg (mg/l)	d-Ni (mg/l)	d-K (mg/l)	d-Se (mg/l)	d-Ag (mg/l)	d-Na (mg/l)	d-Tl (mg/l)	d-V (mg/l)	d-Zn (mg/l)	d-Pb (mg/l)
		0.025	0.025	0.025	1	0.003	1	0.005	0.05	0.2	0.3	35	0.3	0.002	0.1		0.01	0.05	20	0.001		2	0.025
Class 1A GW Qual.																							
Stat. & Cond. Var.																							
MW-2345	Nov-89																						
MW-2345	Feb-90																						
MW-2345	Apr-90																						
MW-2345	Nov-90																						
MW-2345	Feb-91																						
MW-2345	May-91																						
MW-2345	Aug-91																						
MW-2345	Nov-91																						
MW-2345	Feb-92																						
MW-2345	May-92																						
MW-2345	Aug-92																						
MW-2345	Dec-92																						
MW-2345	Feb-93																						
MW-2345	May-93																						
MW-2345	Aug-93																						
MW-2345	Dec-93																						
MW-2345	Feb-94																						
MW-2345	May-94																						
MW-2345	Aug-94																						
MW-2345	Nov-94																						
MW-2345	March-95																						
MW-2345	June-95																						
MW-2345	Sept-95																						
MW-2345	Nov-95																						
MW-2345	April-96																						
MW-2345	June-96																						
MW-2345	Sept-96																						
MW-2345	Nov-96																						
MW-2345	Mar-97																						
MW-2345	June-97																						
MW-2345	Sept-97																						
MW-2345	Dec-97																						
MW-2345	Mar-98																						
MW-2345	June-98	0.13	< 0.06	< 0.01	< 0.2	< 0.01	< 1	< 0.01	< 0.01	< 0.02	0.2	22	0.6	< 0.0002	0.016	1	< 0.05	< 0.01	4.4	< 0.03	< 0.03	0.084	< 0.01
MW-2345	Sept-98																						
MW-2345	Dec-98																						
MW-2345	Apr-99																						
MW-2345	Jun-99																						
MW-2345	Sept-99																						
MW-2345	Dec-99	< 1	< 0.01	< 0.01	< 2	< 0.01	< 5	< 0.01	< 0.01	< 0.01	< 0.05	19	0.54	< 0.0002	< 0.01	< 1	0.046	< 0.01	3.2	< 0.01	< 0.01	< 0.01	< 0.01
MW-2345	Apr-00	< 0.075	< 0.050	0.003	0.083	< 0.002	< 0.048	< 0.0050	101	< 0.010	0.044	17.3	0.339	< 0.0002	< 0.012	0.824	< 0.002	< 0.010	3.71	< 0.001	< 0.010	< 0.020	< 0.001
MW-2345	Jun-00																						
MW-2345	Sept-00																						
MW-2345	Dec-00																						
MW-2345	Mar-01																						
MW-2345	Jun-01	< 0.075	< 0.050	0.005	0.063	< 0.002	< 0.048	< 0.005	110	< 0.010	0.085	19.9	0.597	< 0.0002	< 0.012	1.09	< 0.002	< 0.010	3.49	< 0.001	< 0.010	< 0.020	< 0.001
MW-2345	Sept-01																						
MW-2345	Dec-01																						
MW-2345	Mar-02																						
MW-2345	Jun-02																						
MW-2345	Sept-02	< 0.075	< 0.050	0.006	0.064	< 0.002	< 0.048	< 0.005	102	< 0.010	0.109	18.3	0.529	< 0.0002	< 0.012	0.832	< 0.001	< 0.010	3.32	< 0.001	< 0.010	< 0.020	< 0.001
MW-2345	Dec-02																						
MW-2345	Apr-04	< 0.1	< 0.050	0.007	0.062	< 0.002	0.064	< 0.001	105	< 0.002	0.158	19.1	0.599	< 0.0002	< 0.012	0.946	< 0.001	< 0.010	3.32	< 0.001	< 0.010	< 0.020	< 0.001
MW-2345	Jun-05	< 0.0104	< 0.0025	0.0113	0.0701	< 0.0004	0.0126	< 0.0008	107	0.00096	< 0.0012	18.8	0.409	< 0.00016	< 0.0023	1.05	< 0.0016	0.0014	3.5	0.0001	< 0.0002	0.0046	< 0.0019
MW-2345	Sept-06	< 0.100	< 0.060	0.0063	< 0.100	< 0.005	< 0.050	< 0.005	110	< 0.010	0.11	21	0.67	< 0.0002	< 0.040	< 5	< 0.010	< 0.010	< 5	< 0.010	< 0.050	< 0.020	< 0.005

TABLE 14 - HISTORICAL GROUNDWATER ANALYTICAL DATA - METAL PARAMETERS

Monitoring Well	Sample Date	d-Al (mg/l)	d-Sh (mg/l)	d-As (mg/l)	d-Ba (mg/l)	d-Bi (mg/l)	d-Br (mg/l)	d-Cl (mg/l)	d-Cd (mg/l)	d-Ca (mg/l)	d-Cr (mg/l)	d-Cu (mg/l)	d-Cu (mg/l)	d-Fe (mg/l)	d-Mg (mg/l)	d-Mn (mg/l)	d-Hg (mg/l)	d-Ni (mg/l)	d-K (mg/l)	d-Se (mg/l)	d-Ag (mg/l)	d-Na (mg/l)	d-Tl (mg/l)	d-V (mg/l)	d-Zn (mg/l)	d-Pb (mg/l)
Class GA GW Qual.				0.025	1	0.003	1	0.005	1	0.005	0.85	0.2	0.2	0.3	35	0.3	0.002	0.1		0.01	0.85	20	0.001		2	0.025
Sol's & Cold. Val.																										
MW-2355	Nov-89																									
MW-2355	Feb-90																									
MW-2355	Apr-90																									
MW-2355	Nov-90																									
MW-2355	Feb-91																									
MW-2355	May-91																									
MW-2355	Aug-91																									
MW-2355	Nov-91																									
MW-2355	Feb-92																									
MW-2355	May-92																									
MW-2355	Aug-92																									
MW-2355	Dec-92																									
MW-2355	Feb-93																									
MW-2355	May-93																									
MW-2355	Aug-93																									
MW-2355	Dec-93																									
MW-2355	Feb-94																									
MW-2355	May-94																									
MW-2355	Aug-94																									
MW-2355	Nov-94																									
MW-2355	March-95																									
MW-2355	June-95																									
MW-2355	Sept-95																									
MW-2355	Nov-95																									
MW-2355	April-96																									
MW-2355	June-96																									
MW-2355	Sept-96																									
MW-2355	Nov-96																									
MW-2355	March-97																									
MW-2355	June-97																									
MW-2355	Sept-97																									
MW-2355	Dec-97																									
MW-2355	Mar-98																									
MW-2355	June-98																									
MW-2355	Sept-98																									
MW-2355	Dec-98																									
MW-2355	Jun-00																									
MW-2355	Sept-00																									
MW-2355	Dec-00																									
MW-2355	Mar-01																									
MW-2355	Jun-01																									
MW-2355	Sept-01																									
MW-2355	Dec-01																									
MW-2355	Mar-02																									
MW-2355	Jun-02																									
MW-2355	Sept-02																									
MW-2355	Dec-02																									
MW-2355	Apr-04																									

TABLE 14 - HISTORICAL GROUNDWATER ANALYTICAL DATA - METAL PARAMETERS

[illegible]

TABLE 14 - HISTORICAL GROUNDWATER ANALYTICAL DATA - METAL PARAMETERS

Monitoring Well	Sample Date	d-Al (mg/l)	d-Sh (mg/l)	d-As (mg/l)	d-Ba (mg/l)	d-Be (mg/l)	d-B (mg/l)	d-Cd (mg/l)	d-Ca (mg/l)	d-Cr (mg/l)	d-Co (mg/l)	d-Cu (mg/l)	d-Fe (mg/l)	d-Mg (mg/l)	d-Mn (mg/l)	d-Hg (mg/l)	d-Ni (mg/l)	d-K (mg/l)	d-Se (mg/l)	d-Ag (mg/l)	d-Na (mg/l)	d-Tl (mg/l)	d-V (mg/l)	d-Zn (mg/l)	d-Pb (mg/l)
Class GA GW Qual.				0.025	1	0.003	1	0.005		0.05		0.2	0.3	35	0.3	0.002	0.1		0.01	0.05	20	0.001			
State & Conf. Val.																								2	0.025
MW-2365	Nov-89																								
MW-2365	Feb-90																								
MW-2365	Apr-90																								
MW-2365	Nov-90																								
MW-2365	Feb-91																								
MW-2365	May-91																								
MW-2365	Aug-91																								
MW-2365	Nov-91																								
MW-2365	Feb-92																								
MW-2365	May-92																								
MW-2365	Aug-92																								
MW-2365	Dec-92																								
MW-2365	Feb-93																								
MW-2365	May-93																								
MW-2365	Aug-93																								
MW-2365	Dec-93																								
MW-2365	Feb-94																								
MW-2365	May-94																								
MW-2365	Aug-94																								
MW-2365	Nov-94																								
MW-2365	March-95																								
MW-2365	June-95																								
MW-2365	Sept-95																								
MW-2365	Nov-95																								
MW-2365	April-96																								
MW-2365	June-96																								
MW-2365	Sept-96																								
MW-2365	Nov-96																								
MW-2365	Mar-97																								
MW-2365	June-97																								
MW-2365	Sept-97																								
MW-2365	Dec-97								90				0.08	15	0.028			1			12				<0.01
MW-2365	Mar-98								110				0.081	20	<0.01			11			12				<0.01
MW-2365	June-98	<0.1	<0.06	<0.01	<0.2	<0.01	<1	<0.01	90	<0.01	<0.01	<0.02	0.054	18	0.038	<0.0002	<0.01	11	<0.05	<0.01	13	<0.03	<0.03	0.05	0.01
MW-2365	Sept-98								73				0.094	9	<0.01			11			9.5				0.013
MW-2365	Dec-98								47				0.09	5.6	<0.01			<1			5.6				<0.01

TABLE 14 - HISTORICAL GROUNDWATER ANALYTICAL DATA - METAL PARAMETERS

Monitoring Well	Sample Date	d-Al (mg/l)	d-Sb (mg/l)	d-Ac (mg/l)	d-Ha (mg/l)	d-Bc (mg/l)	d-Bi (mg/l)	d-Cd (mg/l)	d-Ca (mg/l)	d-Cr (mg/l)	d-Co (mg/l)	d-Cu (mg/l)	d-Fe (mg/l)	d-Mg (mg/l)	d-Mn (mg/l)	d-Hg (mg/l)	d-Ni (mg/l)	d-K (mg/l)	d-Se (mg/l)	d-Ag (mg/l)	d-Na (mg/l)	d-Tl (mg/l)	d-V (mg/l)	d-Zn (mg/l)	d-Pb (mg/l)
Chase GW Qual.				0.025	1	0.003	1	0.005		0.05		0.2	0.3	35	0.3	0.002	0.1		0.01	0.05	20	0.001			
Sat's & Gold. Val.																								2	0.025
MW-23MD	Nov-89																								
MW-23MD	Feb-90																								
MW-23MD	Apr-90																								
MW-23MD	Nov-90																								
MW-23MD	May-91																								
MW-23MD	Aug-91																								
MW-23MD	Nov-91																								
MW-23MD	Feb-92																								
MW-23MD	Aug-92																								
MW-23MD	Dec-92																								
MW-23MD	Feb-93																								
MW-23MD	May-93																								
MW-23MD	Sep-93																								
MW-23MD	Dec-93																								
MW-23MD	Feb-94																								
MW-23MD	May-94																								
MW-23MD	Aug-94																								
MW-23MD	Nov-94																								
MW-23MD	March-95																								
MW-23MD	June-95																								
MW-23MD	Sept-95																								
MW-23MD	Nov-95																								
MW-23MD	April-96																								
MW-23MD	June-96																								
MW-23MD	Sept-96																								
MW-23MD	Nov-96																								
MW-23MD	Mar-97																								
MW-23MD	June-97																								
MW-23MD	Sept-97																								
MW-23MD	Dec-97								33				<0.05	13	0.034			1.6		22					<0.01
MW-23MD	Mar-98								37				0.12	15	0.023			1.8		23					<0.01
MW-23MD	June-98	<0.1	<0.06	<0.01	<0.2	<0.01	<1	<0.01	34	<0.01	<0.01	<0.02	<0.05	15	0.018	<0.0002	0.013	1.8	<0.05	<0.01	25	<0.03	<0.03	0.059	<0.01
MW-23MD	Sept-98								36				0.13	16	0.014			2.2		21					0.083
MW-23MD	Dec-98								28				0.073	10	0.015			<1		16					<0.01

TABLE 14 - HISTORICAL GROUNDWATER ANALYTICAL DATA - METAL PARAMETERS

Monitoring Well	Sample Date	d-Al (mg/l)	d-Sb (mg/l)	d-As (mg/l)	d-Ba (mg/l)	d-Be (mg/l)	d-B (mg/l)	d-Cl (mg/l)	d-Cr (mg/l)	d-Co (mg/l)	d-Cu (mg/l)	d-Fe (mg/l)	d-Mg (mg/l)	d-Mn (mg/l)	d-Hg (mg/l)	d-Ni (mg/l)	d-K (mg/l)	d-Se (mg/l)	d-Ag (mg/l)	d-Na (mg/l)	d-Tl (mg/l)	d-V (mg/l)	d-Zn (mg/l)	d-Pb (mg/l)
Class C/A GW Qual.		0.025	1	0.003	1	0.005	1	0.005	0.65	0.2	0.3	35	0.3	0.002	0.1	0.01	0.05	20	0.001	2	0.025			
Std's & Qual. Val.																								
MW-2455	Nov-89																							
MW-2455	Feb-90																							
MW-2455	Apr-90																							
MW-2455	Nov-90																							
MW-2455	Feb-91																							
MW-2455	May-91																							
MW-2455	Aug-91																							
MW-2455	Nov-91																							
MW-2455	Feb-92																							
MW-2455	May-92																							
MW-2455	Aug-92																							
MW-2455	Dec-92																							
MW-2455	Feb-93																							
MW-2455	Jun-93																							
MW-2455	Sep-93																							
MW-2455	Dec-93																							
MW-2455	Feb-94																							
MW-2455	May-94																							
MW-2455	Aug-94																							
MW-2455	Nov-94																							
MW-2455	March-95																							
MW-2455	June-95																							
MW-2455	Sept-95																							
MW-2455	Dec-95																							
MW-2455	April-96																							
MW-2455	June-96																							
MW-2455	Sept-96																							
MW-2455	Nov-96																							
MW-2455	Mar-97																							
MW-2455	June-97																							
MW-2455	Sept-97																							
MW-2455	Dec-97																							
MW-2455	Mar-98																							
MW-2455	June-98																							
MW-2455	Sept-98																							
MW-2455	Dec-98																							
MW-2455	Apr-99																							
MW-2455	Jun-99																							
MW-2455	Sept-99																							
MW-2455	Dec-99																							
MW-2455	Apr-00																							
MW-2455	Jun-00																							
MW-2455	Sep-00																							
MW-2455	Dec-00																							
MW-2455	Mar-01																							
MW-2455	Jun-01																							
MW-2455	Sept-01																							
MW-2455	Dec-01																							
MW-2455	Mar-02																							
MW-2455	Jun-02																							
MW-2455	Sept-02																							
MW-2455	Dec-02																							
MW-2455	Apr-04																							
MW-2455	Jan-05																							
MW-2455	Sept-06																							

TABLE 14 - HISTORICAL GROUNDWATER ANALYTICAL DATA - METAL PARAMETERS

Monitoring Well	Sample Date	d-Al (mg/l)	d-Sb (mg/l)	d-As (mg/l)	d-Ba (mg/l)	d-Be (mg/l)	d-B (mg/l)	d-Cd (mg/l)	d-Ca (mg/l)	d-Cr (mg/l)	d-Cu (mg/l)	d-Fe (mg/l)	d-Mg (mg/l)	d-Mn (mg/l)	d-Hg (mg/l)	d-Ni (mg/l)	d-K (mg/l)	d-Se (mg/l)	d-Ag (mg/l)	d-Na (mg/l)	d-Tl (mg/l)	d-V (mg/l)	d-Zn (mg/l)	d-Pb (mg/l)
Chase GW Qual.		0.025	1	0.003	1	0.005	0.005	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.002	0.1		0.01	0.05	20	0.001		2	0.025
Surf & Qual. Val.																								
MW-245D	Feb-90																							
MW-245D	Apr-90																							
MW-245D	Nov-90																							
MW-245D	Feb-91																							
MW-245D	May-91																							
MW-245D	Aug-91																							
MW-245D	Nov-91																							
MW-245D	Feb-92																							
MW-245D	May-92																							
MW-245D	Aug-92																							
MW-245D	Dec-92																							
MW-245D	Feb-93																							
MW-245D	Jun-93																							
MW-245D	Aug-93																							
MW-245D	Dec-93																							
MW-245D	Feb-94																							
MW-245D	May-94																							
MW-245D	Aug-94																							
MW-245D	Nov-94																							
MW-245D	March-95																							
MW-245D	June-95																							
MW-245D	Sept-95																							
MW-245D	Dec-95																							
MW-245D	April-96																							
MW-245D	June-96																							
MW-245D	Sept-96																							
MW-245D	Nov-96																							
MW-245D	Mar-97																							
MW-245D	June-97																							
MW-245D	Sept-97																							
MW-245D	Dec-97																							
MW-245D	Mar-98																							
MW-245D	June-98																							
MW-245D	Sept-98																							
MW-245D	Dec-98																							
MW-245D	Apr-99																							
MW-245D	Jun-99																							
MW-245D	Sept-99																							
MW-245D	Dec-99																							
MW-245D	Apr-00																							
MW-245D	Jun-00																							
MW-245D	Sept-00																							
MW-245D	Dec-00																							
MW-245D	Mar-01																							
MW-245D	Jun-01																							
MW-245D	Sept-01																							
MW-245D	Dec-01																							
MW-245D	Mar-02																							
MW-245D	Jun-02																							
MW-245D	Sept-02																							
MW-245D	Dec-02																							
MW-245D	Apr-04																							
MW-245D	Jun-05																							
MW-245D	Sept-06																							

TABLE 14 - HISTORICAL GROUNDWATER ANALYTICAL DATA - METAL PARAMETERS

Monitoring Well	Sample Date	Al (mg/l)	Sh (mg/l)	As (mg/l)	Ba (mg/l)	Be (mg/l)	B (mg/l)	Cd (mg/l)	Ca (mg/l)	Cr (mg/l)	Co (mg/l)	Cu (mg/l)	Fe (mg/l)	Pb (mg/l)	Mg (mg/l)	Mn (mg/l)	Hg (mg/l)	Ni (mg/l)	K (mg/l)	Se (mg/l)	Ag (mg/l)	Na (mg/l)	Tl (mg/l)	V (mg/l)	Zn (mg/l)
Chase GA GW Qual.		0.025	1	0.003	1	0.005	1	0.005	0.05	0.05	0.2	0.3	0.3	0.025	35	0.3	0.002	0.1		0.01	0.05	20	0.001		2
Sel's & Qual. Val.																									
MW-2305	Nov-89	1.32	<0.060	<0.010	<0.2	<0.005	<0.010	77.3	<0.01		<0.025	2.4	<0.003		0.35	<0.0002	<0.04			<0.005	<0.01	8.15	<0.010		0.002
MW-2305	Feb-90		<0.010	<0.010			<0.010					5.71	0.0035		0.449										
MW-2305	Apr-90		<0.010	<0.010			<0.010					3.55	<0.03		0.289										
MW-2305	Nov-90	61	<0.060	0.036	0.38	<0.01	<0.010	230	0.07		0.25	120	0.1	61	5.4	<0.001	0.11	11	<0.005	<0.02	8.3	<0.010		0.41	
MW-2305	Feb-91						<0.010	77.5				8.07	<0.020	14.3	0.499										
MW-2305	May-91						<0.010	89.2				16.2	<0.020	15.9	0.9										
MW-2305	Aug-91						<0.010	72.4				2.31	<0.020	11.4	0.338										
MW-2305	Nov-91						<0.010	62.2				12.1	<0.020	11.9	0.591										
MW-2305	Feb-92	8.97	<0.060	<0.020	0.13	<0.010	<0.010	64.7	<0.020		<0.020	10.5	<0.020	13.2	0.498	<0.001	<0.040	2.85	<0.005	<0.020	6.04	<0.010		0.053	
MW-2305	May-92						<0.010	100				8.2	<0.020	18.6	0.472										
MW-2305	Aug-92						<0.010	34.9				8.68	<0.020	11.3	0.43										
MW-2305	Dec-92						<0.010	55.1				7.96	<0.020	11	0.324										
MW-2305	Feb-93						<0.010	63.1				27.6	<0.020	18.1	1.37										
MW-2305	May-93		<0.060	<0.020	<0.10	<0.010	<0.010	61.4	<0.020		0.027	10.6	0.01	10.6	0.38	<0.001	<0.040	2.79	<0.005	<0.020	6.91	<0.010		0.053	
MW-2305	Aug-93						<0.010	48.3				20.9	0.02	17.9	0.574										
MW-2305	Dec-93						<0.010	61.5				14.4	0.009	17.3	0.683										
MW-2305	Feb-94						<0.010	77.2				19.7	0.009	17	0.72										
MW-2305	May-94						<0.010	62				6.04	0.006	21.6	0.44										
MW-2305	Aug-94	1.16	<0.060	<0.020	<0.10	<0.010	<0.010	53.7	<0.020		<0.020	1.19	<0.005	12.8	0.12	<0.001	0.17	1.3	<0.005	<0.020	6.43	<0.005		0.044	
MW-2305	Nov-94						<0.010	47				0.5	<0.005	10.1	0.18										
MW-2305	March-95						<0.010	66.2				1.83	<0.005	12	0.38										
MW-2305	June-95						<0.010	67.6				2.44	<0.005	31.6	0.46										
MW-2305	Sept-95						<0.010	61				6.77	<0.005	12.1	0.44										
MW-2305	Nov-95	1.56	<0.060	<0.020	0.21	<0.010	<0.010	48.8	<0.020		<0.020	2.43	0.023	10.7	0.024	<0.001	<0.040	1.51	<0.005	<0.020	10.4	<0.005		<0.020	
MW-2305	April-96	5.7	<0.1	<0.01	<0.2	<0.003	<0.002	78	<0.01		<0.02	12	0.017	13	0.55	0.0002	0.013	1.8	<0.1	<0.01	7.6	<0.03		0.055	
MW-2305	June-96						<0.01	65				9.2	<0.01	11	0.47										
MW-2305	Sept-96						<0.01	70				9.1	<0.01	12	0.44										
MW-2305	Nov-96						<0.01	31				2.9	<0.01	8	0.083										
MW-2305	Mar-97	1.9	<0.06	0.01	<0.2	<0.01	<0.01	42	<0.01		<0.02	4.2	<0.01	6.5	0.19	<0.0004	0.016	2.6	<0.05	<0.01	6.2	<0.03		0.11	
MW-2305	June-97						<0.01	43				5.2	<0.01	8.1	0.24										
MW-2305	Sept-97						<0.01	40				7.6	<0.01	8	0.27										
MW-2305	Dec-97						<0.01	46				14	<0.01	10	0.49										
MW-2305	Mar-98						<0.01	73				20	0.017	16	0.86										
MW-2305	June-98	5.3	<0.06	<0.01	<0.2	<0.01	<0.01	52	0.015	<0.01	<0.02	14	0.011	14	0.55	<0.0002	0.017	3	<0.05	<0.01	9.1	<0.03	<0.03	0.08	
MW-2305	Sept-98						<0.01	77				16	0.019	15	0.61										
MW-2305	Dec-98						<0.01	73				9.1	<0.01	11	0.37										
MW-2305	Dec-99	7.3	<0.01	<0.01	<0.2	<0.01	<0.01	8.6	0.012	<0.01	0.024	18	<0.01	17	0.78	<0.0002	0.02	2	0.071	<0.01	7.1	<0.01	<0.01	0.058	
MW-2305	Apr-00	4.65	<0.050	0.007	0.09	<0.002	<0.048	59	<0.010	<0.010	<0.017	8.82	0.006	11.5	0.396	<0.0002	<0.012	2.77	<0.002	<0.010	8.94	<0.001	0.012	0.042	
MW-2305	Jan-01	8.99	<0.050	0.007	0.103	<0.002	<0.048	69.5	<0.010	<0.010	0.027	16.9	0.014	12	0.799	0.0003	0.024	4.79	<0.002	<0.010	10.8	<0.001	0.011	0.05	
MW-2305	Sept-02	0.402	<0.050	0.004	0.073	<0.002	<0.048	69.4	<0.010	<0.010	<0.017	0.917	0.005	10.3	0.366	<0.0002	<0.012	0.797	<0.001	<0.010	7.68	<0.001	<0.010	0.02	
MW-2305	Apr-04	1.31	<0.050	0.005	0.078	<0.002	<0.048	68.7	0.004	<0.010	<0.017	5.48	0.002	11.2	0.432	<0.0002	<0.012	1.72	<0.001	<0.010	7.89	<0.001	<0.010	0.037	
MW-2305	Jun-05	0.183	<0.0025	0.0057	0.0658	<0.0004	0.0136	50.7	0.0016	<0.0019	0.0036	0.454	<0.0019	8.79	0.0406	<0.00016	<0.0023	2.4	<0.0039	0.0027	10.9	<0.0039	<0.0020	0.0429	
MW-2305	Sept-06	<0.200	<0.060	<0.005	0.21	<0.005	<0.050	69	<0.010	<0.050	<0.025	0.13	<0.005	14	0.37	<0.0002	<0.040	<5	<0.010	<0.010	9.6	<0.010	<0.050	<0.020	

TABLE 14 - HISTORICAL GROUNDWATER ANALYTICAL DATA - METAL PARAMETERS

Monitoring Well	Sample Date	Al (mg/l)	Sb (mg/l)	As (mg/l)	Ba (mg/l)	B (mg/l)	Cd (mg/l)	Ca (mg/l)	Cr (mg/l)	Cu (mg/l)	Fe (mg/l)	Pb (mg/l)	Mg (mg/l)	Mn (mg/l)	Hg (mg/l)	Ni (mg/l)	K (mg/l)	Sr (mg/l)	Az (mg/l)	Nu (mg/l)	Ti (mg/l)	V (mg/l)	Zn (mg/l)
Chase GA CW Qual.		0.025	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
State & Fed. Std.		0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
MW-230D	Nov-89	0.998	<0.060	<0.010	<0.2	<0.005	<0.010	20.9	<0.010	<0.025	1.63	0.0042	0.107	<0.0002	<0.04	<0.005	<0.01	15.1	<0.010	<0.010	<0.010	<0.010	0.002
MW-230D	Feb-90		<0.010	<0.010			<0.010				0.289	<0.003	0.106										
MW-230D	Apr-90		<0.010	<0.010			<0.010				0.188	<0.003	0.17										
MW-230D	Nov-90	0.93	<0.060	<0.020	0.06	<0.01	<0.01	28	<0.03	<0.02	1.6	<0.020	6.6	<0.001	<0.04	1.2	<0.005	<0.02	22	<0.010	<0.010	<0.010	0.08
MW-230D	Feb-91						<0.010	27.5			0.385	<0.020	6.27			0.913							
MW-230D	May-91						<0.010	27.5			0.099	<0.020	6.01			0.915							
MW-230D	Aug-91						<0.010	25.7			0.234	<0.020	5.84			1.01							
MW-230D	Nov-91						<0.010	23.6			0.258	<0.020	5.3			0.66							
MW-230D	Feb-92	0.7	<0.060	<0.020	<0.10	<0.010	<0.010	26.1	<0.020	<0.020	0.96	<0.020	5.88			0.144	<0.005	<0.020	17.7	<0.010	<0.010	<0.010	0.058
MW-230D	May-92						<0.010	24.5			0.281	<0.020	5.49			0.62							
MW-230D	Aug-92						<0.010	22			0.291	<0.020	5.24			1.48							
MW-230D	Dec-92						<0.010	20.8			0.217	<0.020	4.9			0.85							
MW-230D	Feb-93						<0.010	18.6			0.7	<0.020	4.6			1.07							
MW-230D	May-93	0.49	<0.060	<0.020	<0.10	<0.010	<0.010	22.7	<0.020	<0.020	0.83	0.007	5.23			0.099	<0.005	<0.020	25	<0.010	<0.010	<0.010	<0.010
MW-230D	Aug-93						<0.010	19			0.607	0.005	6.68			0.142							
MW-230D	Dec-93						<0.010	24			0.787	0.006	6.4			1.07							
MW-230D	Feb-94						<0.010	23			0.858	<0.005	6			0.106							
MW-230D	May-94						<0.010	21.2			0.6	<0.005	5.93			0.12							
MW-230D	Aug-94	0.34	<0.060	<0.020	<0.10	<0.010	<0.010	25	<0.020	<0.020	0.4	<0.005	5.6			0.14	<0.001	<0.020	17.5	<0.005	<0.005	<0.005	0.035
MW-230D	Nov-94						<0.010	19.1			0.23	<0.005	5.48			0.12							
MW-230D	March-95						<0.010	22.8			0.44	<0.005	5.8			0.099							
MW-230D	June-95						<0.010	24.8			0.16	<0.005	5.76			0.13							
MW-230D	Sept-95						<0.010	23.7			0.16	<0.005	5.7			0.13							
MW-230D	Nov-95						<0.010	18.1	<0.020	0.025	0.46	<0.005	5.38			0.12	<0.001	<0.040	1.04	<0.005	<0.020	25.2	<0.005
MW-230D	April-96	0.3	<0.060	<0.020	0.27	<0.010	<0.002	27	<0.01	<0.02	0.14	<0.001	6.1			0.78	<0.002	<0.01	1.2	<0.01	<0.01	26	<0.003
MW-230D	June-96	0.48	<0.1	<0.01	<0.2	<0.003	<0.01	25			1.4	<0.01	6			1.1							
MW-230D	Sept-96						<0.01	26			0.9	<0.01	6			0.88							
MW-230D	Nov-96						<0.01	25			3.2	<0.01	6.6			1.1							
MW-230D	Mar-97	2.4	<0.06	<0.01	<0.2	<0.01	<0.01	25	<0.01	<0.02	4	0.013	6.8			0.21	<0.0004	<0.01	1.6	<0.05	<0.01	15	<0.003
MW-230D	June-97						<0.01	24			1	<0.01	5.8			0.13							
MW-230D	Sept-97						<0.01	25			0.86	<0.01	5.6			0.16							
MW-230D	Dec-97						<0.01	25			1	<0.01	5.9			0.2							
MW-230D	Mar-98						<0.01	23			0.69	<0.01	5.6			0.13							
MW-230D	June-98	3.1	<0.06	<0.01	<0.2	<0.01	<0.01	29	<0.01	<0.02	5.8	<0.01	8.6			0.29	<0.0002	<0.01	1.9	0.05	<0.01	23	<0.003
MW-230D	Sept-98						<0.01	30			6.1	0.004	8.6			0.43							
MW-230D	Dec-98						<0.01	27			3.9	<0.01	5.7			0.17							
MW-230D	Mar-99						<0.01	29			1.8	<0.01	6.8			0.19	<0.002	<0.01	<0.01	0.057	<0.01	20	0.022
MW-230D	Apr-00	0.78	<0.1	<0.01	<0.2	<0.01	<0.005	26.1	<0.010	<0.017	0.285	<0.001	6			0.106	<0.0002	<0.012	0.865	<0.002	<0.010	21.9	<0.001
MW-230D	Jan-01	0.094	<0.050	0.003	0.05	<0.002	<0.005	25.9	<0.010	<0.010	0.214	0.006	5.89			0.097	<0.002	<0.012	1.16	<0.002	<0.010	21.7	<0.001
MW-230D	Sept-02	<0.075	<0.050	0.003	0.053	<0.002	<0.005	25.4	<0.010	<0.010	0.133	0.002	5.7			0.109	<0.0002	<0.012	0.865	<0.001	<0.010	21	<0.001
MW-230D	Apr-04	<0.1	<0.050	0.002	0.051	<0.002	<0.001	24.1	<0.002	<0.010	0.228	<0.001	5.4			0.161	<0.0002	<0.012	0.961	<0.001	<0.010	20.9	<0.001
MW-230D	Jun-05	0.118	<0.0025	<0.001	0.0566	<0.0004	<0.0008	24.5	<0.0009	<0.0019	0.422	<0.001	6.23			0.103	<0.00016	0.0025	1.21	<0.0009	0.0034	23.2	<0.0029
MW-230D	Sept-06	0.44	<0.060	0.0061	<0.200	<0.005	<0.005	110	<0.010	<0.050	1.2	<0.005	41			0.11	<0.0002	<0.040	6.8	<0.010	<0.010	280	<0.010

TABLE 14 - HISTORICAL GROUNDWATER ANALYTICAL DATA - METAL PARAMETERS

Monitoring Well	Sample Date	Al (mg/l)	Sh (mg/l)	As (mg/l)	Ba (mg/l)	Be (mg/l)	B (mg/l)	Cd (mg/l)	Ca (mg/l)	Cr (mg/l)	Co (mg/l)	Cu (mg/l)	Fe (mg/l)	Pb (mg/l)	Mg (mg/l)	Na (mg/l)	Hg (mg/l)	Ni (mg/l)	K (mg/l)	Sr (mg/l)	Ag (mg/l)	Nu (mg/l)	Tl (mg/l)	V (mg/l)	Zn (mg/l)
Chase GW Qual.		0.025	1	0.003	1	0.003	1	0.005	0.05	0.05	0.05	0.2	0.3	0.025	35	0.3	0.002	0.1	0.01	0.05	0.01	0.05	20	0.001	2
SW-1 & Qual. Val.																									
MW-2325 Nov-89	9.2	<0.06	<0.010	<0.2	<0.005			<0.010	80.1	0.015		0.026	18.9	0.0117		0.7	<0.0002	<0.04		<0.005	<0.01	2.59	<0.01		0.102
MW-2325 Feb-90		<0.010	<0.010					<0.010					3.5	<0.005		0.263									
MW-2325 Apr-90		<0.010	<0.010					<0.010					0.434	<0.003		0.189									
MW-2325 Nov-90	9.5	<0.060	<0.020	0.12	<0.01			<0.01	67	<0.03		0.02	15	<0.020	14	1.7	<0.001	<0.04	4.2	<0.005	<0.02	2.3	<0.010		0.06
MW-2325 Feb-91								<0.010	79.1				4.95	<0.020	14.2	0.646			2.34			2.03			
MW-2325 May-91								<0.010	68.1				6.43	<0.020	12.5	1.23			2.44			2.29			
MW-2325 Aug-91								<0.010	84.2				6.69	<0.020	15.4	1.05			2.66			2.97			
MW-2325 Nov-91								<0.010	87.6				45	<0.020	22.4	1.45			7.29			3.05			
MW-2325 Feb-92	19.4	<0.060	<0.020	0.15	<0.010			<0.010	90.1	<0.020		0.029	28.8	<0.020	22.3	1.23	<0.001	<0.040	5.2	<0.005	<0.020	2.71	<0.010		0.096
MW-2325 May-92	1.13	<0.060	<0.020	<0.10	<0.010			<0.010	90.1	<0.020		<0.020	1.59	<0.020	14.9	0.33	<0.001	<0.040	1.07	<0.005	<0.020	1.93	<0.010		
MW-2325 Aug-92								<0.010	78.7				3.32	<0.020	15.5	0.654			2.74			2.35			
MW-2325 Dec-92								<0.010	93.5				4.47	<0.020	19	0.622			3.34			2.89			
MW-2325 Feb-93								<0.010	76.7				13.2	<0.020	18.2	0.941			3.62			2.5			
MW-2325 May-93	3.25	<0.060	<0.020	<0.10	<0.010			<0.010	116	<0.020		<0.020	3.61	0.007	21.3	0.667	0.667	<0.040	2.83	<0.005	<0.020	3.93	<0.010		0.022
MW-2325 Aug-93								<0.010	167				10.8	0.007	43.2	1.01			2.83			7.07			
MW-2325 Dec-93								<0.010	150				8.1	<0.005	33.5	1.26			3.59			3.74			
MW-2325 Feb-94								<0.010	125				3.86	<0.005	24	0.908			2.37			3.58			
MW-2325 May-94								<0.010	118				1.69	0.01	30	0.88			1.59			5.77			
MW-2325 Aug-94	<0.20	<0.060	<0.020	<0.10	<0.010			<0.010	146	<0.020		0.032	0.18	<0.005	33.2	1.22	<0.001	0.073	2.42	<0.005	<0.020	3.19	<0.005		0.035
MW-2325 Nov-94								<0.010	128				0.13	<0.005	35.2	1.03			2.3			3.29			
MW-2325 March-95								<0.010	127				2.05	<0.005	27	0.78			2.37			2.7			
MW-2325 June-95								<0.010	152				0.98	<0.005	34.4	1.17			2.3			3.17			
MW-2325 Sept-95								<0.010	183				2.59	<0.005	39.2	1.32			2.95			3.03			
MW-2325 Nov-95	3.13	<0.060	<0.020	0.12	<0.010			<0.010	118	<0.020		0.038	5.32	<0.005	26.6	0.77	<0.001	<0.040	2.96	<0.005	<0.020	7.52	<0.005		0.14
MW-2325 April-96	2.3	<0.1	<0.01	<0.2	<0.003			<0.002	230	<0.01		<0.02	5.6	<0.01	25	1.6	<0.0002	<0.01	3.8	<0.01	<0.01	4.8	<0.03		0.045
MW-2325 June-96								<0.01	190				7.4	<0.01	26	1.7			3.2			3.5			
MW-2325 Sept-96								<0.01	170				8.5	<0.01	27	1.4			3.7			3.2			
MW-2325 Nov-96								<0.01	150				5.4	<0.01	19	1.4			2.8			2.4			
MW-2325 Mar-97	7.2	<0.06	<0.01	<0.2	<0.01			<0.01	170	0.013		0.022	18	0.023	23	1.7	<0.0004	0.014	4	<0.05	<0.01	2	<0.03		0.094
MW-2325 June-97								<0.01	160				33	0.021	33	2			6.4			1.8			
MW-2325 Sept-97								<0.01	160				31	0.024	34	2			6.4			3.1			
MW-2325 Dec-97								<0.01	180				23	0.016	32	1.9			5.2			3.2			
MW-2325 Mar-98								<0.01	150				11	0.01	33	1.2			4.4			3.3			
MW-2325 June-98	23	<0.06	0.076	0.21	<0.01		<1	<0.01	200	0.041		0.074	51	0.096	41	2.8	<0.0002	0.048	8.3	<0.05	<0.01	3.4	<0.03	0.032	0.23
MW-2325 Sept-98								<0.01	190				21	0.018	35	2			6.8			2.9			
MW-2325 Dec-98								<0.01	270				70	0.024	52	3.7			<1			3.2			
MW-2325 Jun-00								<0.0050	135				5.87	0.005	26.1	1.56			2.19			2.49			
MW-2325 Sep-00								<0.005	161				5.32	0.006	25.4	1.59			1.66			2.47			
MW-2325 Dec-00								<0.005	151				3.05	0.001	25.3	1.34			1.74			2.83			
MW-2325 Mar-01								<0.005	135				1.41	<0.001	25.6	0.951			1.72			2.66			
MW-2325 Jun-01	0.144	<0.050	0.03	0.065	<0.002	<0.048		<0.005	145	<0.010	<0.010	<0.17	5.72	0.006	22.3	1.41	0.0003	<0.12	2.03	<0.002	<0.010	2.76	<0.001	<0.010	<0.020
MW-2325 Sep-01								<0.005	147				5.8	0.004	22.9	1.45			1.85			2.92			
MW-2325 Dec-01								<0.005	148				2.14	0.002	25	1.31			1.93			3.12			
MW-2325 Mar-02								<0.005	158				5.51	0.003	29.2	1.29			2.36			3.4			
MW-2325 Jun-02								<0.005	150				1.68	0.001	28.1	1.11			1.56			3.83			
MW-2325 Sept-02	0.341	<0.050	0.029	0.067	<0.002	<0.048		<0.005	149	<0.010	<0.0100	0.028	1.55	0.006	25.9	1.22	<0.0002	<0.12	1.83	<0.001	<0.010	3.69	<0.001	<0.010	0.071
MW-2325 Dec-02								<0.001	153				1.48	<0.001	27.5	1.19			2.05			3.79			
MW-2325 Jun-05	0.182	<0.0025	0.0045	0.0247	<0.0004	0.0116		<0.0008	49.2	0.0018	<0.0019	0.0066	5.9	<0.0019	18.8	0.366	<0.00016	0.0025	3.66	<0.0039	0.0013	2.97	<0.0029	<0.002	0.113

TABLE 14 - HISTORICAL GROUNDWATER ANALYTICAL DATA - METAL PARAMETERS

Monitoring Well	Sample Date	Al (mg/l)	Sh (mg/l)	As (mg/l)	Ba (mg/l)	Be (mg/l)	B (mg/l)	Cd (mg/l)	Ca (mg/l)	Cr (mg/l)	Cu (mg/l)	Fe (mg/l)	Ph (mg/l)	Mg (mg/l)	Mn (mg/l)	Hg (mg/l)	Ni (mg/l)	K (mg/l)	Sr (mg/l)	Ag (mg/l)	Na (mg/l)	Tl (mg/l)	V (mg/l)	Zn (mg/l)
Ches GWA GW Qual.				0.025	1	0.003	1	0.005		0.05	0.2	0.3	0.025	35	0.3	0.002	0.1		0.01	0.05	20	0.001		2
Sh's & Gold's Val.																								
MW-232D Nov-89		0.279	<0.06	<0.010	<0.2	<0.005		<0.010	44.9	<0.01	<0.025	0.178	<0.003	<0.015	<0.0002	<0.04			<0.005	<0.01	148	<0.01		0.031
MW-232D Feb-90			<0.010	<0.010				<0.010				0.317	<0.003	<0.015										
MW-232D Apr-90			<0.010	<0.010				<0.010				0.223	<0.003	<0.015										
MW-232D Nov-90		0.26	<0.060	<0.020	0.02	<0.01		<0.01	38	<0.03	<0.02	0.55	0.03	9.4	0.02	<0.001	<0.04	7.4	<0.005	<0.02	140	<0.010		0.03
MW-232D Feb-91																								
MW-232D May-91								<0.010	32.6			0.424	<0.020	6.76	0.012			6.89			87.9			
MW-232D Aug-91								<0.010	38.3			0.296	<0.020	10.4	0.013			5.25			144			
MW-232D Nov-91								<0.010	36.8			0.277	<0.020	9.7	0.031			3.79			152			
MW-232D Feb-92		0.28	<0.060	<0.020	<0.10	<0.010		<0.010	38.5	<0.020	<0.020	0.419	<0.020	10.6	0.029	<0.001	<0.040	5.21	<0.005	<0.020	77.1	<0.010		0.035
MW-232D May-92								<0.010	94.8			4.52	<0.020	32.3	0.093			2.75			178			
MW-232D Aug-92								<0.010	59.9			2.22	<0.020	8.8	0.079			11.3			9.08			
MW-232D Dec-92								<0.010	56.6			0.881	<0.020	16.7	0.033			5.71			102			
MW-232D Feb-93								<0.010	31.9			0.235	<0.020	8.8	<0.020			4.41			141			
MW-232D May-93		<0.20	<0.060	<0.020	<0.10	<0.010		<0.010	41.6	<0.020	0.023	0.27	<0.005	11.7	<0.020	<0.001	<0.040	3.65	<0.005	<0.020	164	<0.010		<0.020
MW-232D Aug-93								<0.010	38.2			0.668	<0.005	17.8	<0.020			2.74			275			
MW-232D Dec-93								<0.010	48.4			0.363	0.007	16	0.032			4.36			153			
MW-232D Feb-94								<0.010	42.2			0.427	<0.005	14	0.022			3.19			147			
MW-232D May-94								<0.010	35.4			0.33	<0.005	14.6	0.021			3.77			135			
MW-232D Aug-94		<0.20	<0.060	<0.020	<0.10	<0.010		<0.010	73.6	<0.020	<0.020	0.41	<0.005	27.1	0.03	<0.001	0.081	4	<0.005	<0.020	163	<0.005		<0.020
MW-232D Nov-94								<0.010	34.6			0.21	<0.005	14.7	0.032			3.5			135			
MW-232D March-95								<0.010	38			1.36	0.005	16	0.44			11.4			32			
MW-232D June-95								<0.010	35.7			0.48	<0.005	14.6	0.13			5.68			97			
MW-232D Sept-95								<0.010	43.8			0.57	<0.005	16.3	0.094			4.75			129			
MW-232D Nov-95		0.27	<0.060	<0.020	0.27	<0.010		<0.010	37.2	<0.020	0.057	1.4	0.007	15.8	0.12	<0.001	<0.040	4.4	<0.005	<0.020	156	<0.005		0.22
MW-232D April-96							No Sample Taken																	
MW-232D June-96							No Sample Taken																	
MW-232D Sept-96							No Sample Taken																	
MW-232D Nov-96							No Sample Taken																	
MW-232D Mar-97							No Sample Taken																	
MW-232D June-97							<0.01	37				7.3	<0.01	14	0.32			6.5			10			
MW-232D Sept-97							No Sample Taken																	
MW-232D Dec-97							No Sample Taken																	
MW-232D Mar-98							No Sample Taken																	
MW-232D Sept-98							<0.01	33				3.3	<0.01	13	0.26			2.1			2.6			
MW-232D Dec-98							<0.01	46				3	<0.01	13	0.16			<1			37			

TABLE 14 - HISTORICAL GROUNDWATER ANALYTICAL DATA - METAL PARAMETERS

Monitoring Well	Sample Date	Al (mg/l)	Sh (mg/l)	As (mg/l)	Ba (mg/l)	Be (mg/l)	B (mg/l)	Cd (mg/l)	Ca (mg/l)	Cr (mg/l)	Cu (mg/l)	Fe (mg/l)	Pb (mg/l)	Mg (mg/l)	Mn (mg/l)	Hg (mg/l)	Ni (mg/l)	K (mg/l)	Sr (mg/l)	Ag (mg/l)	Na (mg/l)	Tl (mg/l)	V (mg/l)	Zn (mg/l)	
Well	Date	0.025	1	0.003	1	0.005	1	0.005	0.05	0.05	0.2	0.3	0.025	35	0.3	0.002	0.1	0.01	0.05	20	0.001	0.001	2		
Chm GA GW Qual.	SA's & Gold Val.																								
MW-2335 Nov-90		12	<0.060	<0.020	0.12	<0.01		<0.01	140	<0.03	0.05	20	0.022	50	1.4	<0.001	<0.04	4.7	<0.005	<0.02	5	<0.010		0.07	
MW-2335 Feb-91						<0.010		<0.010	119			5.2	<0.020	44.4	0.886			2.51			4.5				
MW-2335 May-91						<0.010		<0.010	116			2.14	<0.020	45.5	0.803			2.3			4.94				
MW-2335 Aug-91						<0.010		<0.010	127			4.58	<0.020	76.9	1.02			3.84			6.49				
MW-2335 Nov-91						<0.010		<0.010	106			8.38	<0.020	35.4	0.857			2.82			4.97				
MW-2335 Feb-92		4.7	<0.060	<0.020	0.12	<0.010		<0.010	109	<0.020	<0.020	7.83	<0.020	46.7	0.956	<0.001	<0.040	2.37	<0.005	<0.020	4.74	<0.010		0.027	
MW-2335 May-92						<0.010		<0.010	114			0.571	<0.020	46.5	0.745			1.47			4.41				
MW-2335 Aug-92						<0.010		<0.010	118			0.197	<0.020	49	0.794			2.68			3.5				
MW-2335 Dec-92						<0.010		<0.010	131			2.87	<0.020	54	0.774			2.9			5.61				
MW-2335 Feb-93						<0.010		<0.010	153			11.7	<0.020	78.6	1.91			4.34			5.17				
MW-2335 May-93		<0.20	<0.060	<0.020	<0.10	<0.010		<0.010	161	<0.020	<0.020	5.63	<0.005	45.9	2.91	<0.001	<0.040	1.88	<0.005	<0.020	2.21	<0.010		<0.020	
MW-2335 Aug-93						<0.010		<0.010	213			2	<0.005	93.8	1.47			2.29			7.01				
MW-2335 Dec-93						<0.010		<0.010	217			2.89	<0.005	87	1.9			3.34			4.86				
MW-2335 Feb-94						<0.010		<0.010	142			18.5	<0.005	75	1.57			5.22			3.6				
MW-2335 May-94						<0.010		<0.010	112			4.4	<0.005	65.8	2.16			1.6			4.26				
MW-2335 Aug-94		0.41	<0.060	<0.020	<0.10	<0.010		<0.010	112	<0.020	0.03	0.73	<0.005	57.4	1.27	<0.001	0.082	2.62	<0.005	<0.020	2.07	<0.005		0.078	
MW-2335 Nov-94						<0.010		<0.010	76			0.19	<0.005	50.8	0.83			1.88			3.4				
MW-2335 March-95						<0.010		<0.010	220			1.75	<0.005	84	2.68			2.71			2.2				
MW-2335 June-95						<0.010		<0.010	170			0.63	<0.005	81.8	1.58			2.07			2.36				
MW-2335 Sept-95						<0.010		<0.010	160			3.61	<0.005	70.6	1.1			2.57			3.32				
MW-2335 Nov-95		0.26	<0.060	<0.020	0.11	<0.010		<0.010	133	<0.020	0.025	0.57	<0.005	34.8	1.21	<0.001	<0.040	2.82	<0.005	<0.020	1.85	<0.005		0.031	
MW-2335 April-96		0.21	<0.01	<0.01	<0.2	<0.003		<0.002	86	<0.01	<0.02	1.3	<0.01	12	0.54	<0.0002	<0.01	1.3	<0.1	<0.01	2.2	<0.03		0.023	
MW-2335 June-96						<0.01		<0.01	84			1.2	<0.01	13	0.83			1.4			2.5				
MW-2335 Sept-96						<0.01		<0.01	150			2.4	<0.01	20	2.7			2.5			6.6				
MW-2335 Nov-96						<0.01		<0.01	140			2.7	<0.01	19	1.6			2.1			3.3				
MW-2335 Mar-97		0.42	<0.06	0.011	<0.2	<0.01		<0.01	170	<0.01	<0.01	1.8	<0.01	26	1.2	<0.0004	<0.01	2.8	<0.05	<0.01	2.2	<0.03		0.039	
MW-2335 June-97						<0.01		<0.01	170			1.9	<0.01	38	1.3			2.4			2.7				
MW-2335 Sept-97						<0.01		<0.01	170			2	<0.01	39	1.7			3			3.3				
MW-2335 Dec-97						<0.01		<0.01	180			3.5	<0.01	55	1.6			3.3			5.5				
MW-2335 Mar-98						<0.01		<0.01	200			2.2	<0.01	44	2.6			3.3			3.8				
MW-2335 June-98		0.48	<0.06	<0.01	<0.2	<0.01	<1	<0.01	260	<0.01	0.013	7.6	<0.01	35	8.8	<0.0002	<0.01	2.1	<0.05	<0.01	5.8	<0.03	<0.03	0.044	
MW-2335 Sept-98						<0.01		<0.01	210			5	<0.01	60	2.6			4.4			3.3				
MW-2335 Sept-98						<0.01		<0.01	210			12	<0.01	92	2.2			<1			3				
MW-2335 Dec-98						<0.005		<0.005	219			1.21	0.006	86.3	2.32			2.44			2.9				
MW-2335 Jan-00						<0.005		<0.005	242			0.842	0.006	96.9	2.3			2.59			2.48				
MW-2335 Sept-00						<0.005		<0.005	135			0.124	<0.001	35.5	0.744			1.76			2.4				
MW-2335 Dec-00						<0.005		<0.005	142			0.067	0.001	52.4	0.693			2.18			2.32				
MW-2335 Mar-01						<0.005		<0.005	168	<0.010	<0.010	0.055	0.009	62.2	1.1	<0.0002	0.016	2.67	<0.002	<0.010	2.92	<0.001	<0.010	0.036	
MW-2335 Jun-01		8.99	<0.050	<0.002	0.06	<0.002	<0.048	<0.005	186	<0.010	<0.017	0.142	0.007	87.4	1.76			2.9			2.7				
MW-2335 Sept-01						<0.005		<0.005	187			0.342	0.002	94.1	1.33			2.45			2.65				
MW-2335 Dec-01						<0.005		<0.005	194			0.754	0.002	91.1	1.17			2.07			2.62				
MW-2335 Mar-02						<0.005		<0.005	192			0.324	<0.001	102	1.3			2.45			2.82				
MW-2335 Jun-02						<0.005		<0.005	203			1.03	0.002	88.8	1.24	<0.0002	<0.012	2.51	<0.001	<0.010	2.87	<0.001	<0.010	0.036	
MW-2335 Sept-02		0.197	<0.050	0.005	0.071	<0.002	<0.048	<0.005	186	<0.010	<0.017	1.03	0.002	88.8	1.24	<0.0002	<0.012	2.51	<0.001	<0.010	2.87	<0.001	<0.010	0.036	
MW-2335 Dec-02						<0.001		<0.001	194			0.353	<0.001	88	0.997			2.76			2.43				
MW-2335 Apr-04		<0.1	<0.050	<0.001	0.056	<0.002	<0.048	<0.001	132	<0.002	<0.017	0.07	<0.001	33.7	0.028	<0.0002	<0.012	2.06	<0.001	<0.010	2.59	<0.001	<0.010	<0.020	
MW-2335 Aug-05		0.294	<0.0025	<0.001	0.0664	<0.0004	0.0151	<0.00080	104	0.0021	<0.0019	0.00123	0.688	0.0021	22.8	2.01	<0.00016	0.0024	1.9	0.0019	0.0031	3.35	<0.0029	<0.002	0.062
MW-2335 Sept-06		<0.200	<0.060	<0.005	<0.200	<0.005	<0.050	<0.005	140	<0.010	<0.050	<0.025	<0.100	0.75	43	0.75	<0.0002	<0.040	<5	<0.010	<0.010	<5	<0.010	<0.050	<0.020

TABLE 14 - HISTORICAL GROUNDWATER ANALYTICAL DATA - METAL PARAMETERS

Monitoring Well	Sample Date	Al (mg/l)	Sh (mg/l)	As (mg/l)	Ba (mg/l)	Be (mg/l)	B (mg/l)	Cd (mg/l)	Ca (mg/l)	Cr (mg/l)	Co (mg/l)	Cu (mg/l)	Fe (mg/l)	Pb (mg/l)	Mg (mg/l)	Mn (mg/l)	Hg (mg/l)	Ni (mg/l)	K (mg/l)	Se (mg/l)	Ag (mg/l)	Na (mg/l)	Tl (mg/l)	V (mg/l)	Zn (mg/l)
Chemical GW Qual.																									
Surf & Qual. Val.																									
MW-2345	Nov-89	27.4	<0.06	0.0131	0.275	<0.005	<0.01	1.12	0.042	0.042	0.084	58	0.0284	1.68	0.0029	0.056	<0.005	<0.01	4.42	<0.01	<0.01	<0.01	<0.01	<0.01	0.175
MW-2345	Feb-90			<0.01			<0.01					5.09	<0.3	0.41											
MW-2345	Apr-90			<0.01			<0.01					5.57	<0.3	0.461											
MW-2345	Nov-90	3.1	<0.060	<0.020	0.12	<0.01	<0.01	81	<0.03		<0.02	4.4	<0.020	13	0.46	<0.001	<0.001	<0.04	1.5	<0.005	<0.02	4	<0.010		0.08
MW-2345	Feb-91			<0.010			<0.010	82.5				1.21	<0.020	12.1	0.381				0.776			3.66			
MW-2345	May-91			<0.010			<0.010	83.1				0.806	<0.020	11.7	0.374				0.8			3.78			0.8
MW-2345	Aug-91			<0.010			<0.010	80.9				3.33	<0.020	12.4	0.444				1.25			3.64			
MW-2345	Nov-91			<0.010			<0.010	74				3.55	<0.020	10.4	0.404				1.23			3.9			
MW-2345	Feb-92	0.79	<0.060	<0.020	<0.10	<0.010	<0.010	97.5	<0.020		<0.020	0.975	<0.020	16.6	0.359	<0.001	<0.001	<0.040	0.94	<0.005	0.047	3.82	<0.010		<0.020
MW-2345	May-92			<0.010			<0.010	78.2				3.74	<0.020	12.7	0.432				0.98			2.27			
MW-2345	Aug-92			<0.010			<0.010	68.3				2.47	<0.020	10.7	0.346				1.35			2.47			1.35
MW-2345	Dec-92			<0.010			<0.010	69.2				5.84	<0.020	11.7	0.331				2.35			4.15			
MW-2345	Feb-93			<0.010			<0.010	54.4				9.1	0.005	12.1	0.574				2.25			3.73			
MW-2345	May-93	5.4	<0.060	<0.020	<0.10	<0.010	<0.010	68.2	<0.020		<0.020	7.86	0.008	11.6	0.466	<0.001	<0.001	<0.040	2.5	<0.005	<0.020	4.56	<0.010		0.048
MW-2345	Aug-93			<0.010			<0.010	69.9				9.25	0.009	16.1	0.423				1.6			6.63			
MW-2345	Dec-93			<0.010			<0.010	76.6				11.9	0.008	16.6	0.695				3.14			4.49			
MW-2345	Feb-94			<0.010			<0.010	79.7				7.91	<0.005	14	0.577				1.93			4			
MW-2345	May-94			<0.010			<0.010	91.1				3.36	0.071	14.4	0.48				1.05			5.84			
MW-2345	Aug-94	0.26	<0.060	<0.020	<0.10	<0.010	<0.010	104	<0.020		<0.020	0.2	<0.005	15.8	0.48	<0.001	<0.001	<0.075	1.21	<0.005	<0.020	3.18	<0.005		<0.020
MW-2345	Nov-94			<0.010			<0.010	62				0.66	<0.005	12	0.42				0.96			3.99			
MW-2345	March-95			<0.010			<0.010	91				2.19	<0.005	18	0.59				1.86			3.2			
MW-2345	June-95			<0.010			<0.010	80.5				1.05	<0.005	14.2	0.55				1.02			2.9			
MW-2345	Sept-95			<0.010			<0.010	80.9				3.05	<0.005	14.2	0.56				1.43			2.86			
MW-2345	Nov-95	1.02	<0.060	<0.020	0.16	0.01	<0.010	71.4	<0.020		0.027	2.06	<0.005	16.2	0.58	<0.001	<0.001	<0.040	1.09	<0.005	<0.020	3.85	<0.005		0.078
MW-2345	April-96	1.9	<0.1	<0.01	<0.2	<0.003	<0.002	95	<0.01		<0.02	3.4	0.019	14	0.31	<0.0002	<0.001	<0.01	1.6	<0.1	<0.01	5	<0.05		0.082
MW-2345	June-96			<0.01			<0.01	120				6.9	<0.01	18	0.72				1.7			3.7			
MW-2345	Sept-96			<0.01			<0.01	130				20	0.028	24	1.3				3.3			4.3			
MW-2345	Nov-96			<0.01			<0.01	120				0.46	<0.01	18	0.6				3.5			3.5			
MW-2345	Mar-97	9.4	<0.06	<0.01	<0.2	<0.01	<0.01	140	0.015		0.033	17	0.028	23	1	<0.0004	0.016	3.7	<0.05	<0.01	3.4	<0.03		0.086	
MW-2345	June-97			<0.01			<0.01	140				28	0.025	27	1.3				4.8			3.2			
MW-2345	Sept-97			<0.01			<0.01	120				7.8	0.013	21	0.89				2.3			4.2			
MW-2345	Dec-97			<0.01			<0.01	130				23	0.019	27	1.2				5.3			4.9			
MW-2345	Mar-98			<0.01			<0.01	160				24	0.02	32	1.4				5.1			4.9			
MW-2345	June-98	6	<0.06	0.016	0.26	<0.01	<0.01	140	0.01	<0.01	<0.02	12	0.016	29	1.1	0.00027	0.016	3.1	<0.05	<0.01	4.7	<0.03	<0.03	0.11	
MW-2345	Sept-98			<0.01			<0.01	130				19	0.02	28	1.1				4.4			3.8			
MW-2345	Dec-98			<0.01			<0.01	130				26	0.015	26	1.2				<1			3.7			
MW-2345	Apr-99			<0.01			<0.01	140				39	0.025	32	1.6				4.1			4			
MW-2345	Jun-99			<0.01			<0.01	160				38	0.02	34	1.7				3.6			4.4			
MW-2345	Sept-99			<0.01			<0.01	120				28	<0.01	24	1.2				3.6			3.9			
MW-2345	Dec-99	13	<0.01	<0.01	0.71	<0.01	<0.01	130	0.02	0.013	0.047	30	0.012	30	1.6	<0.0002	0.037	3.1	0.043	<0.01	4.1	<0.01	0.017	0.087	
MW-2345	Apr-00	0.555	<0.050	0.005	0.088	<0.002	<0.048	<0.0050	109	<0.010	<0.010	<0.017	0.788	<0.001	19.3	0.551	<0.0002	<0.012	0.984	<0.002	<0.010	3.47	<0.001	<0.010	<0.020
MW-2345	Jun-00			<0.005			<0.005	117				0.403	0.001	20.9	0.636				0.684			3.58			
MW-2345	Sept-00			<0.005			<0.005	110				0.519	0.006	19.6	0.594				0.549			3.04			
MW-2345	Dec-00			<0.005			<0.005	105				0.312	<0.001	18.1	0.56				0.662			3.41			
MW-2345	Mar-01			<0.005			<0.005	114				0.224	<0.001	18	0.551				0.906			3.39			
MW-2345	Jun-01	0.143	<0.050	0.006	0.063	<0.002	<0.048	<0.005	105	<0.010	<0.010	<0.017	0.24	0.008	19	0.585	<0.0002	<0.012	0.919	<0.002	<0.010	3.36	<0.001	<0.010	<0.020
MW-2345	Sept-01			<0.005			<0.005	99				0.276	0.004	18.3	0.573				0.867			3.34			
MW-2345	Dec-01			<0.005			<0.005	96.3				1.2	0.003	17.3	0.605				0.942			3.18			
MW-2345	Mar-02			<0.005			<0.005	102				0.167	0.002	17.2	0.561				0.62			2.95			
MW-2345	Jun-02			<0.005			<0.005	99				0.162	<0.001	18	0.551				0.803			3.2			
MW-2345	Sept-02	<0.075	<0.050	0.006	0.063	<0.002	<0.048	<0.005	96.1	<0.010	<0.010	<0.017	0.179	<0.001	17.3	0.526	<0.0002	<0.012	0.771	<0.001	<0.010	3.36	<0.001	<0.010	<0.020
MW-2345	Dec-02			<0.005			<0.005	108				0.146	<0.001	18.5	0.58				1.06			2.87			
MW-2345	Apr-04	<0.1	<0.050	0.007	0.06	<0.002	<0.048	<0.001	106	<0.002	<0.010	0.02	0.004	<0.001	18.9	0.598	<0.0002	<0.012	1.02	<0.001	<0.010	3.33	<0.001	<0.010	<0.020
MW-2345	Jun-05	0.36	<0.0025	0.0105	0.0803	<0.0040	0.0138	<0.0008	104	0.0024	<0.0019	0.0039	0.0045	19	0.637	<0.00016	<0.0023	1.29	<0.0019	0.0036	4.75	<0.0019	<0.002	0.0861	
MW-2345	Sept-06	<0.200	<0.060	0.0061	<0.200	<0.005	<0.050	<0.005</																	

TABLE 14 - HISTORICAL GROUNDWATER ANALYTICAL DATA - METAL PARAMETERS

Monitoring Well	Sample Date	Al (mg/L)	Sh (mg/L)	As (mg/L)	Ba (mg/L)	Be (mg/L)	B (mg/L)	Cd (mg/L)	Ca (mg/L)	Cr (mg/L)	Co (mg/L)	Cu (mg/L)	Fe (mg/L)	Pb (mg/L)	Mg (mg/L)	Mn (mg/L)	Hg (mg/L)	Ni (mg/L)	K (mg/L)	Se (mg/L)	Ag (mg/L)	Na (mg/L)	Tl (mg/L)	V (mg/L)	Zn (mg/L)
Ches GA GW Qual.		0.025	1	0.003	1	0.005	0.05	0.3	0.3	0.025	0.35	0.3	0.002	0.1	0.001	0.05	0.01	0.005	0.01	0.005	0.01	0.001	0.001	0.001	0.001
Stat's & Qual. Val.																									
MW-234D	Nov-89	0.483	<0.06	<0.01	<0.2	<0.005	<0.01	30	<0.04		<0.025	0.799	<0.003		0.0432	<0.0002	<0.04		<0.005	<0.01	21.1	<0.01			0.019
MW-234D	Feb-90			<0.01		<0.01	<0.01						1.1	<0.003		0.332									
MW-234D	Apr-90			<0.01		<0.01	<0.01						0.777	<0.003		0.126									
MW-234D	Nov-90	<0.2	<0.060	<0.020	0.06	<0.01	<0.01	87	<0.03		<0.02	0.39	<0.020	16	0.36	<0.001	<0.04	4.5	<0.005	<0.02	19	<0.010			0.04
MW-234D	Feb-91					<0.010	<0.010	89.9				0.323	<0.020	15.9	0.368			2.31			19.1				
MW-234D	May-91					<0.010	<0.010	92.4				0.341	<0.020	16.4	0.367			2.49			19.4				
MW-234D	Aug-91					<0.010	<0.010	87.3				0.309	<0.020	15.1	0.38			3.17			14.5				
MW-234D	Nov-91					<0.010	<0.010	84.9				0.189	<0.020	12.7	0.369			2.17			14				
MW-234D	Feb-92	0.49	<0.060	<0.020	<0.10	<0.010	<0.010	87.5				<0.020	0.363	<0.020	15.9	0.418	<0.001	<0.040	1.95	<0.005	0.043	11.7	<0.010		0.032
MW-234D	May-92					<0.010	<0.010	98.6				2.04	<0.020	20.6	0.49			1.86			18.9				
MW-234D	Aug-92					<0.010	<0.010	75.8				0.3	<0.020	13.5	0.334			1.88			11				
MW-234D	Dec-92					<0.010	<0.010	101				3.49	<0.020	25	0.362			2.54			18.3				
MW-234D	Feb-93					<0.010	<0.010	69				0.951	<0.020	12.9	0.374			2.06			17.4				
MW-234D	May-93	0.12	<0.060	<0.020	<0.10	<0.010	<0.010	84	<0.020		<0.020	0.631	<0.005	14.9	0.363	<0.001	<0.040	1.85	<0.005	<0.020	21.5	<0.010			0.023
MW-234D	Aug-93					<0.010	<0.010	87				0.784	<0.005	20.5	0.331			1.61			28.3				
MW-234D	Dec-93					<0.010	<0.010	92				0.602	<0.005	19	0.459			2.31			18.1				
MW-234D	Feb-94					<0.010	<0.010	83.6				1.29	<0.005	18	0.418			3.99			18.5				
MW-234D	May-94					<0.010	<0.010	91.6				0.45	<0.005	17.4	0.36			3.41			18.8				
MW-234D	Aug-94	<0.20	<0.060	<0.020	<0.10	<0.010	<0.010	98.5			0.029	0.25	<0.005	18.4	0.58	<0.001	0.045	2.7	<0.005	<0.020	15.8	<0.005			0.028
MW-234D	Nov-94					<0.010	<0.010	84.5				0.42	<0.005	21.8	0.55			1.35			22.4				
MW-234D	March-95					<0.010	<0.010	85.5				0.27	<0.005	16	0.39			2.25			13.5				
MW-234D	June-95					<0.010	<0.010	91.5				0.14	<0.005	19	0.52			2.28			16.7				
MW-234D	Sept-95					<0.010	<0.010	97.8				0.23	<0.005	19.1	0.51			2.09			18.3				
MW-234D	Nov-95	<0.20	<0.060	<0.020	0.27	0.011	<0.010	65.5	<0.020		0.027	0.3	<0.005	15.8	0.38	<0.001	<0.040	1.96	<0.005	<0.020	18.4	<0.005			0.041
MW-234D	April-96	0.2	<0.1	<0.01	<0.2	<0.005	<0.002	66	<0.01		<0.02	0.48	<0.01	11	0.15	<0.0002	<0.01	7.8	<0.1	<0.01	21	<0.03			0.044
MW-234D	June-96					<0.01	<0.01	99				0.48	<0.01	17	0.49			2.2			18				
MW-234D	Sept-96					<0.01	<0.01	92				0.42	<0.01	17	0.46			1.9			16				
MW-234D	Nov-96					<0.01	<0.01	83				0.48	<0.01	14	0.4			2.6			13				0.12
MW-234D	Mar-97					<0.01	<0.01	62	<0.01		<0.02	1.2	0.012	11	0.26	<0.0004	<0.01	8.6	<0.05	<0.01	12	<0.03			
MW-234D	June-97					<0.01	<0.01	64				1.1	<0.01	13	0.29			8.3			14				
MW-234D	Sept-97					<0.01	<0.01	64				1.3	0.011	14	0.23			10			20				
MW-234D	Dec-97					<0.01	<0.01	53				0.53	0.023	10	0.2			12			21				
MW-234D	Mar-98					<0.01	<0.01	70				1.5	<0.01	15	0.26			9			18				
MW-234D	June-98					<0.01	<0.01	88	<0.01		<0.02	2	<0.01	20	0.46	<0.0002	<0.01	2.4	<0.05	<0.01	12	<0.03	<0.03		0.17
MW-234D	Sept-98					<0.01	<0.01	130				2.7	0.016	32	0.65			3.5			21				
MW-234D	Dec-98					<0.01	<0.01	140				3.2	<0.01	31	0.69			<1			23				
MW-234D	Apr-99					<0.01	<0.01	88				3.2	<0.01	21	0.34			6.6			19				
MW-234D	Jun-99					<0.01	<0.01	99				2.7	<0.01	20	0.39			9.6			26				
MW-234D	Sept-99					<0.01	<0.01	130				2.8	<0.01	29	0.73			2.7			24				
MW-234D	Dec-99	0.73	<0.01	<0.01	<2	<0.01	<0.01	120	<0.01	<0.01	<0.01	2.6	<0.01	28	0.58	<0.0002	<0.01	2.9	0.052	<0.01	20	<0.01	<0.01	0.012	
MW-234D	Apr-00	0.157	<0.050	0.004	0.077	<0.002	<0.0050	70.4	<0.010	<0.010	<0.017	0.312	<0.001	12.6	0.019	<0.0002	<0.012	8.97	<0.002	<0.010	19.1	<0.001	<0.010	0.02	
MW-234D	Jun-00					<0.0050	<0.0050	103				0.721	0.002	19.7	0.461			132			15.7				
MW-234D	Sept-00					<0.005	<0.005	102				0.714	0.005	19.3	0.446			116			15.8				
MW-234D	Dec-00					<0.005	<0.005	96.3				0.499	0.001	16.8	0.369			133			11.2				
MW-234D	Mar-01					<0.005	<0.005	88.4				0.558	<0.001	15.4	0.352			117			9.63				
MW-234D	Jun-01	<0.075	<0.050	0.009	0.064	<0.002	<0.0048	<0.005	102	<0.010	<0.017	0.722	0.004	19.5	0.487	<0.0002	<0.012	1.65	<0.002	<0.010	16.6	<0.001	<0.010	<0.020	
MW-234D	Sept-01					<0.005	<0.005	105				1.05	0.002	21.2	0.487			177			20.1				
MW-234D	Dec-01					<0.005	<0.005	107				1.14	0.001	21.8	0.489			226			21.6				
MW-234D	Mar-02					<0.005	<0.005	108				0.913	0.004	20.2	0.479			149			19.7				
MW-234D	Jun-02					<0.005	<0.005	98				0.698	0.003	18.5	0.44			19			17.9				
MW-234D	Sept-02	<0.075	<0.050	0.01	0.059	<0.002	<0.005	95.3	<0.010	<0.0100	<0.017	0.717	0.001	17.9	0.434	<0.0002	<0.012	1.4	<0.001	<0.010	19.3	<0.001	<0.010	<0.020	
MW-234D	Dec-02					<0.001	<0.001	98.6				0.814	<0.001	19.6	0.517			149			19.1				
MW-234D	Apr-04	<0.1	<0.050	0.009	0.072	<0.002	<0.001	107	<0.002	<0.010	<0.017	0.664	<0.001	20.3	0.535	<0.0002	0.013	2.39	<0.001	<0.010	19.2	<0.001	<0.010	<0.020	
MW-234D	Jun-05	0.0697	<0.0025	<0.0052	0.0789	<0.0004	0.024	<0.0006	62.6	0.0016	<0.0019	0.0058	0.389	0.0034	11.6	0.269	<0.00016	0.0023	11.8	<0.0039	0.0027	16.9	<0.0039	<0.002	0.119
MW-234D	Sept-06	<0.200	<0.060	0.007	<0.200	<0.005	<0.005	11																	

TABLE 14 - HISTORICAL GROUNDWATER ANALYTICAL DATA - METAL PARAMETERS

Monitoring Well	Sample Date	Al (mg/l)	Sh (mg/l)	As (mg/l)	Ba (mg/l)	Be (mg/l)	B (mg/l)	Cd (mg/l)	Ca (mg/l)	Cr (mg/l)	Co (mg/l)	Cu (mg/l)	Fe (mg/l)	Pb (mg/l)	Mg (mg/l)	Mn (mg/l)	Hg (mg/l)	Ni (mg/l)	K (mg/l)	Sr (mg/l)	Ag (mg/l)	Nr (mg/l)	Tl (mg/l)	V (mg/l)	Zn (mg/l)
Well	Chm. GLA GW Qual.	0.025	1	0.003	1	0.003	1	0.005	0.005	0.05	0.05	0.3	0.3	0.025	35	0.3	0.002	0.1	0.005	0.01	0.05	20	0.001	0.001	2
Site A & Quad. 14																									
MW-2355	Nov-89	15.7	<0.06	0.0574	0.213	<0.005		<0.010	138	0.0231		0.0495	39.4	0.0198		2.03	0.0084	<0.04		<0.005	<0.01	14	<0.01		0.113
MW-2355	Feb-90			0.0448				<0.010					17.8	<0.003		1.1									
MW-2355	Apr-90							<0.010					7.7	0.0036		0.944									
MW-2355	Nov-90	0.93	<0.060	0.039	0.15	<0.01		<0.01	100	<0.03		<0.02	4.7	<0.020	23	0.99	<0.001	<0.04	1.2	<0.005	<0.02	12	<0.010		0.07
MW-2355	Feb-91							<0.010	105				12.9	<0.020	25.9	1.15			2.69						
MW-2355	May-91							<0.010	92.8				4.51	<0.020	21.9	0.912									
MW-2355	Aug-91							<0.010	100				6.83	<0.020	23.8	1.02			1.39						
MW-2355	Nov-91							<0.010	96.9				6.39	<0.020	19.8	0.952			1.3						
MW-2355	Feb-92	2.86	<0.060	0.04	0.17	<0.010		<0.010	109	<0.020		<0.020	5.25	<0.020	23.8	1.02	<0.001	<0.040	1.9	<0.005	0.042	12.2	<0.010		<0.020
MW-2355	May-92							<0.010	122				3.04	<0.020	20.7	1.12			0.91						
MW-2355	Aug-92							<0.010	88.3				4.53	<0.020	20.6	0.838			1.79						
MW-2355	Dec-92							<0.010	91				7.94	<0.020	21.1	0.746			2.38						
MW-2355	Feb-93							<0.010	77.6				9.17	<0.020	19.5	1.04			2.38						
MW-2355	May-93	2.1	<0.060	0.034	0.26	<0.010		<0.010	91.3	<0.020		<0.020	7.52	0.007	21.2	0.879	<0.001	<0.040	1.82	<0.005	<0.020	11.3	<0.010		<0.020
MW-2355	Aug-93							<0.010	100				7.57	0.006	28.8	0.897			1.13						
MW-2355	Dec-93							<0.010	104				10.4	0.005	29.1	1.22			2.54						
MW-2355	Feb-94							<0.010	93.5				6.5	<0.005	25	1.03			1.58						
MW-2355	May-94							<0.010	111				6.32	<0.005	25.2	0.94			0.84						
MW-2355	Aug-94	0.58	<0.060	<0.020	<0.10	<0.010		<0.010	118	<0.020		<0.020	6.8	<0.005	26.1	1.06	<0.001	0.081	1.42	<0.005	<0.020	7.32	<0.005		<0.020
MW-2355	Nov-94							<0.010	84.5				4.49	<0.005	24.8	1			3.56						
MW-2355	March-95							<0.010	104				5.56	<0.005	26.5	1.13			1.65						
MW-2355	June-95							<0.010	102				4.42	<0.005	25.1	1.19			1.12						
MW-2355	Sept-95							<0.010	110				4.94	<0.005	26.3	1.14			1.45						
MW-2355	Nov-95	1.53	<0.060	0.040	0.42	<0.010		<0.010	91	<0.020		0.03	6.62	<0.005	28.4	1.15	<0.001	<0.040	7.26	<0.005	<0.020	153	<0.005		0.077
MW-2355	April-96	3.8	<0.1	0.021	<0.2	<0.003		<0.002	130	<0.01		<0.02	11	0.012	22	1.2	<0.0002	<0.01	3.3	<0.1	<0.01	13	<0.03		0.076
MW-2355	June-96							<0.01	48				0.81	<0.01	11	0.53			2.5						
MW-2355	Sept-96							<0.01	130				24	0.02	27	1.6			3.5						
MW-2355	Nov-96							<0.01	110				5.1	<0.01	22	1.2			1.5						
MW-2355	March-97	3.6	<0.06	0.015	<0.2	<0.01		<0.01	120	<0.01		<0.02	9.3	0.015	23	1.1	<0.0004	<0.01	2.5	<0.05	<0.01	6.5	<0.03		0.077
MW-2355	June-97							<0.01	120				14	0.023	30	1.4			3.2						
MW-2355	Sept-97							<0.01	130				12	0.01	32	1.4			2.5						
MW-2355	Dec-97							<0.01	120				10	<0.01	29	1.3			2.7						
MW-2355	Mar-98							<0.01	150				16	0.013	34	1.5			4.9						
MW-2355	June-98	4.9	<0.06	0.077	0.24	<0.01	<1	<0.01	140	0.01	<0.01	<0.02	18	0.013	37	1.6	<0.0002	0.013	3.2	<0.05	<0.01	12	<0.03	<0.03	0.091
MW-2355	Sept-98							<0.01	160				17	<0.01	40	1.5			4.2						
MW-2355	Dec-98							<0.01	180				18	<0.01	42	1.8			<1						
MW-2355	June-00							<0.0050	183				13.7	0.002	42.3	1.37			1.46						
MW-2355	Sept-00							<0.005	187				13.9	0.004	42.3	1.31			1.19						
MW-2355	Dec-00							<0.005	187				14.8	0.001	41.3	1.25			1.44						
MW-2355	Mar-01							<0.005	166				13.2	<0.001	38	1.16			1.5						
MW-2355	June-01	<0.075	<0.050	0.054	0.389	<0.002	0.072	<0.005	175	<0.010	<0.010	<0.017	14.8	0.004	39.5	1.19	<0.0002	0.012	1.84	<0.002	<0.010	8.37	<0.001	<0.010	<0.020
MW-2355	Sept-01							<0.005	181				15.4	0.003	41.1	1.25			1.52						
MW-2355	Dec-01							<0.005	183				17	0.006	41.7	1.26			1.57						
MW-2355	Mar-02							<0.005	207				18.4	<0.001	44.2	1.33			1.46						
MW-2355	June-02							<0.005	197				18.8	0.002	43.7	1.25			3.19						
MW-2355	Sept-02	0.113	<0.050	0.068	0.371	<0.002	0.103	<0.005	199	<0.010	<0.0100	<0.017	19.2	0.001	43	1.19	<0.0002	<0.012	1.59	0.001	<0.010	9.13	<0.001	<0.010	0.021
MW-2355	Dec-02							<0.001	207				20.1	<0.001	42.7	1.23			1.72						
MW-2355	Apr-04	<0.1	<0.050	0.071	0.416	<0.002	0.074	<0.001	188	<0.002	<0.010	<0.017	20.4	<0.001	38.6	1.07	<0.0002	<0.012	2.89	<0.001	<0.010	8.21	<0.001	0.01	<0.020

TABLE 14 - HISTORICAL GROUNDWATER ANALYTICAL DATA - METAL PARAMETERS

Monitoring Well	Sample Date	Al (mg/l)	Sh (mg/l)	As (mg/l)	Ba (mg/l)	Bk (mg/l)	B (mg/l)	Cd (mg/l)	Ca (mg/l)	Cr (mg/l)	Co (mg/l)	Cu (mg/l)	Fe (mg/l)	Pb (mg/l)	Mg (mg/l)	Mn (mg/l)	Hg (mg/l)	Ni (mg/l)	K (mg/l)	Sr (mg/l)	Ag (mg/l)	Nu (mg/l)	Tl (mg/l)	V (mg/l)	Zn (mg/l)
Class GA GW Qual.		0.025	1	0.003	1	0.003	1	0.005	0.05	0.05	0.05	0.2	0.3	0.025	35	0.3	0.002	0.1	0.01	0.05	0.01	0.05	20	0.001	2
Site's & Qual. Val.																									
MW-235D Nov-89		0.339	<0.06	<0.01	<0.2	<0.005		<0.010	29.8	<0.01		<0.025	0.72	<0.003		0.231	<0.0002	<0.04		<0.005	<0.01	48.5	<0.01		0.0215
MW-235D Feb-90				<0.01				<0.010					1.33	<0.003		0.421									
MW-235D Apr-90				<0.01				<0.010					0.88	0.004		3.16									
MW-235D Nov-90		0.25	<0.060	<0.020	0.11	<0.01		<0.01	93	<0.03		<0.02	1.6	<0.020	19	2.6	<0.001	<0.04	1.3	<0.005	<0.02	8.5	<0.010		0.05
MW-235D Feb-91								<0.010	105				0.418	<0.020	22	0.175			1.14			5.64			
MW-235D May-91								<0.010	103				0.679	<0.020	20.5	0.871			1.03			4.08			
MW-235D Aug-91								<0.010	103				1.35	<0.020	21.1	0.78			1.27			4.38			
MW-235D Nov-91								<0.010	85.8				1.29	<0.020	15.1	1.65			0.87			3.96			
MW-235D Feb-92		0.49	<0.060	<0.020	0.14	<0.010		<0.010	86	<0.020		<0.020	1.38	<0.020	19.3	1.74	<0.001	<0.040	1.09	<0.005	0.035	4.51	<0.010		0.052
MW-235D May-92								<0.010	98.7				1.3	<0.020	20.7	0.959			0.85			3.09			
MW-235D Aug-92								<0.010	76.3				0.564	<0.020	16.5	0.545			1.44			5.21			
MW-235D Dec-92								<0.010	111				4.18	<0.020	26	1.47			2.23			5.87			
MW-235D Feb-93								<0.010	65.5				1.69	<0.020	16.5	1.58			1.49			12.2			
MW-235D May-93		<0.20	<0.060	<0.020	<0.10	<0.010		<0.010	70.9	<0.020		<0.020	0.589	<0.005	15.9	0.325	<0.001	<0.040	1.65	<0.005	<0.020	17.7	<0.010		0.035
MW-235D Aug-93								<0.010	64.1				1.06	<0.005	19.2	0.366			1.06			27			
MW-235D Dec-93								<0.010	67.6				0.566	0.006	17.7	0.549			1.83			24.3			
MW-235D Feb-94								<0.010	38.7				1.24	<0.005	7.7	0.38			2.7			7.51			
MW-235D May-94								<0.010	55.4				0.29	<0.005	9.7	0.59			15.4						
MW-235D Aug-94		0.42	<0.060	<0.020	<0.10	<0.010		<0.010	57.5	<0.020		<0.020	0.5	<0.005	11.8	0.87	<0.001	0.074	2.02	<0.005	<0.020	11.7	<0.005		0.024
MW-235D Nov-94								<0.010	42.2				0.18	<0.005	11.2	0.35			2.08			19.2			
MW-235D March-95								<0.010	52.5				0.4	<0.005	12	0.38			1.85			21.5			
MW-235D June-95								<0.010	49.6				0.14	<0.005	11.8	0.46			2.57			21.2			
MW-235D Sept-95								<0.010	61				0.54	<0.005	14.2	0.48			25.6						
MW-235D Nov-95		0.54	<0.060	<0.020	0.22	<0.010		<0.010	46.7	<0.020		<0.020	0.84	<0.005	12.3	0.63	<0.001	<0.040	3.3	<0.005	<0.020	23.9	<0.005		0.048
MW-235D April-96		0.81	<0.1	<0.01	<0.2	<0.003		<0.002	49	<0.01		<0.02	1.4	<0.01	10	0.66	<0.002	<0.01	3.2	<0.1	<0.01	15	<0.03		0.056
MW-235D June-96								<0.01	120				11	<0.01	24	1.3			2.2						
MW-235D Sept-96								<0.01	49				3.2	0.021	11	0.86			3.2			22			
MW-235D Nov-96								<0.01	52				1.3	<0.01	12	0.52			2.2			24			
MW-235D Mar-97		0.64	<0.06	<0.01	<0.2	<0.01		<0.01	51	<0.01		<0.02	1.9	0.012	12	0.61	<0.0004	<0.01	2.6	<0.05	<0.01	17	<0.03		0.081
MW-235D June-97								<0.01	52				1.6	0.012	13	0.52			2.3			22			
MW-235D Sept-97								<0.01	54				1.6	<0.01	14	0.4			2.2			30			
MW-235D Dec-97								<0.01	50				3	0.012	13	0.69			2.7			33			
MW-235D Mar-98								<0.01	51				1.1	<0.01	13	0.32			2.2			32			
MW-235D June-98		0.6	<0.06	<0.01	<0.2	<0.01		<0.01	52	<0.01		<0.02	1.9	0.011	14	0.37	<0.0002	<0.01	2.8	<0.05	<0.01	36	<0.03		0.1
MW-235D Dec-98								<0.01	53				2.8	<0.01	14	0.45			3.5			25			
MW-235D Mar-99								<0.01	61				2.4	<0.01	13	0.65			<1			31			
MW-235D Jun-00								<0.0050	49.7				2.36	0.01	14	0.931			2.67			10.7			
MW-235D Sep-00								<0.005	65				0.318	0.004	15.1	0.166			1.72			29.7			
MW-235D Dec-00								<0.005	58.1				0.375	<0.001	13.7	0.299			1.7			30.7			
MW-235D Mar-01								<0.005	53.6				0.363	<0.001	13	0.103			1.82			29.8			
MW-235D Jun-01		<0.075	<0.050	0.005	0.061	<0.002	0.078	<0.005	56.4	<0.010	<0.010	<0.017	0.108	0.004	13.6	0.072	<0.0002	<0.012	2.14	<0.002	<0.010	32.1	<0.001		<0.020
MW-235D Sep-01								<0.005	57.5				0.461	0.004	13.9	0.092			5.9			34			
MW-235D Dec-01								<0.005	62.6				1.55	0.002	14.5	0.806			3.96			31.9			
MW-235D Mar-02								<0.005	61				0.301	<0.001	14	0.165			2.67			30.4			
MW-235D Jun-02								<0.005	55.5				0.325	0.002	13.8	0.390			2.9			33.4			
MW-235D Sep-02		<0.075	<0.050	0.006	0.068	<0.002	0.08	<0.005	53.1	<0.010	<0.010	<0.017	0.492	0.002	13.2	0.451	<0.0002	<0.012	4.7	<0.001	<0.010	33.3	<0.001		0.029
MW-235D Dec-02								<0.001	54				1.21	<0.001	14.1	0.304			3.84			31.9			
MW-235D Apr-04		0.103	<0.050	0.007	0.099	<0.002	0.051	<0.001	74.6	<0.002	<0.010	<0.017	0.637	0.003	15	0.595	<0.0002	0.012	5.66	<0.001	<0.010	9.14	<0.001		<0.020

TABLE 14 - HISTORICAL GROUNDWATER ANALYTICAL DATA - METAL PARAMETERS

Monitoring Well	Sample Date	Al (mg/l)	Sh (mg/l)	As (mg/l)	Ba (mg/l)	Be (mg/l)	B (mg/l)	Cd (mg/l)	Ca (mg/l)	Cr (mg/l)	Cu (mg/l)	Cu (mg/l)	Fe (mg/l)	Ph (mg/l)	Mg (mg/l)	Mn (mg/l)	Hg (mg/l)	Ni (mg/l)	K (mg/l)	Se (mg/l)	Ag (mg/l)	Na (mg/l)	Tl (mg/l)	V (mg/l)	Zn (mg/l)
Chas GA GW Qual.				0.025	1	0.003	1	0.005		0.05	0.2	0.2	0.3	0.025	35	0.3	0.002	0.1		0.01	0.05	20	0.001		2
State & Qual. Val.																									
MW-2365	Nov-89	0.437	<0.06	<0.01	<0.2	<0.005	<0.010	78.7	<0.01	<0.025	0.73	<0.003	0.419	<0.0002	<0.04	<0.005	<0.01	8.33	<0.01	<0.02				<0.02	
MW-2365	Feb-90			<0.01			<0.010						2.69	0.0015	0.443										
MW-2365	Apr-90			<0.01			<0.010						0.239	<0.003	0.399										
MW-2365	Nov-90	12	<0.060	<0.020	0.2	<0.01	<0.010	97	<0.03	<0.020	0.03	0.023	24	<0.020	12.7	0.61	<0.001	<0.04	3.1	<0.005	<0.02	8.3	<0.010	0.12	
MW-2365	Feb-91						<0.010	85.1					7.14	<0.020	11	0.539			1.95			8.24			
MW-2365	May-91						<0.010	80.7					4.42	<0.020	11	0.539			1.83			7.83			
MW-2365	Aug-91						<0.010	75					1.19	<0.020	10	0.495			1.1			7.53			
MW-2365	Nov-91						<0.010	69.8					2.04	<0.020	8.78	0.527	<0.001	<0.040	0.91	<0.005	<0.020	7.75	<0.010	0.047	
MW-2365	Feb-92	2.36	<0.060	<0.020	0.16	<0.010	<0.010	69.5	<0.020	<0.020	<0.020	10.2	0.489	<0.001	<0.040	1.35	<0.005	<0.020	8.09	<0.010	<0.020	8.09	<0.010		
MW-2365	May-92						<0.010	69.2					3.63	<0.020	9.73	0.446			1.16			6.46			
MW-2365	Aug-92						<0.010	61.6					2.86	<0.020	8.85	0.403			1.9			6.13			
MW-2365	Dec-92						<0.010	59.7					3.04	<0.020	8.65	0.295			1.56			7.32			
MW-2365	Feb-93						<0.010	48.3					12.8	<0.020	10.9	0.764	<0.001	<0.040	3.63	<0.005	<0.020	7.39	<0.010	<0.020	
MW-2365	May-93	4.34	<0.060	<0.020	<0.10	<0.010	<0.010	65.2	<0.020	<0.020	<0.020	9.34	0.408	<0.001	<0.040	2.18	<0.005	<0.020	9.15	<0.010	<0.020	9.15	<0.010	<0.020	
MW-2365	Aug-93						<0.010	58.3					7.68	0.008	14.4	0.586			1.87			8.78			
MW-2365	Dec-93						<0.010	68.1					9.79	<0.005	12.7	0.725			2.94			9.61			
MW-2365	Feb-94						<0.010	74.4					23	0.01	17	0.989			3.59			10.1			
MW-2365	May-94						<0.010	76.1					2.31	<0.005	15.2	0.52			0.74			12.8			
MW-2365	Aug-94	1.3	<0.060	<0.020	<0.10	<0.010	<0.010	78.6	<0.020	<0.020	0.062	<0.005	13.2	<0.005	11.2	0.15	<0.001	0.12	1.62	<0.005	<0.020	0.771	<0.005	<0.020	
MW-2365	Nov-94						<0.010	83.6					1.71	<0.005	19.2	1.09			1.55			14.1		<0.020	
MW-2365	March-95						<0.010	116					2.21	<0.005	28.4	2.01			2.13			14.3			
MW-2365	June-95						<0.010	96.8					1.22	0.005	18.8	1.85			1.33			9.35			
MW-2365	Sept-95						<0.010	57.5					6.33	<0.005	11.6	2.08			2.4			9.62			
MW-2365	Nov-95	2.9	<0.060	<0.020	0.31	<0.010	<0.010	77.8	<0.020	<0.020	0.037	<0.005	4.4	<0.005	15.5	1.46	<0.001	<0.040	2.28	<0.005	<0.020	14.4	<0.005	0.035	
MW-2365	April-96	7.5	<0.1	<0.01	<0.2	<0.003	<0.002	120	0.012	<0.02	<0.02		15	0.016	20	4.9	<0.0002	0.019	2.9	<0.1	<0.01	16	<0.03	0.11	
MW-2365	June-96						<0.01	79					9.9	0.011	13	2.6			2.4			10			
MW-2365	Sept-96						<0.01	83					7.7	<0.01	14	1.6			1.9			12			
MW-2365	Nov-96						<0.01	82					3.6	0.012	13	1.6			1.4			11	<0.03	0.2	
MW-2365	Mar-97	22	<0.06	<0.01	<0.2	<0.01	<0.01	110	0.036		0.044	45	0.041	21	5	<0.0004	0.047	6.4	<0.05	<0.01	<0.01	<0.03			
MW-2365	June-97						<0.01	130					56	0.044	30	11			5.5			9.6			
MW-2365	Sept-97						<0.01	97					15	0.013	20	4.5			3.1			12			
MW-2365	Dec-97						<0.01	110					8	<0.01	20	3.1			2.6			15			
MW-2365	Mar-98						<0.01	130					15	0.013	27	3.7			3.8			15			
MW-2365	June-98	7.6	<0.06	0.027	<0.2	<0.01	<0.01	96	0.012	<0.02	<0.02		14	0.012	20	1.4	<0.0002	0.015	3.7	<0.05	<0.01	12	<0.03	0.076	
MW-2365	Sept-98						<0.01	86					18	0.017	16	6			4.6			9.7			
MW-2365	Dec-98						<0.01	97					24	<0.01	14	11			1.4			8			

TABLE 14 - HISTORICAL GROUNDWATER ANALYTICAL DATA - METAL PARAMETERS

Monitoring Well	Sample Date	Al (mg/l)	Sh (mg/l)	As (mg/l)	Ba (mg/l)	B (mg/l)	Cd (mg/l)	Ca (mg/l)	Cr (mg/l)	Co (mg/l)	Cu (mg/l)	Fe (mg/l)	Pb (mg/l)	Mg (mg/l)	Mn (mg/l)	Hg (mg/l)	Ni (mg/l)	K (mg/l)	Sr (mg/l)	Ag (mg/l)	Na (mg/l)	Tl (mg/l)	V (mg/l)	Zn (mg/l)
Class	QA GW Qual.	0.025	1	0.003	1	0.003	1	0.005	0.05	0.05	0.2	0.3	0.025	35	0.3	0.002	0.1	0.01	0.01	0.05	20	0.001	0.001	2
State & Fed. Std.																								
MW-236D	Nov-89	6.91	<0.6	<0.01	<0.2	<0.005	<0.010	77.4	0.0198	0.0703	0.0703	27.4	0.0106	0.0006	0.525	<0.0002	<0.04	<0.005	<0.01	24.5	<0.01	<0.01	<0.01	0.103
MW-236D	Feb-90		<0.01	<0.01			<0.010					0.985	<0.003	0.0411										
MW-236D	Apr-90		<0.01	<0.01			<0.010					0.214	<0.003	0.0221										
MW-236D	Nov-90	0.73	<0.060	<0.020	0.04	<0.01	<0.01	44	<0.03		<0.02	2.2	<0.020	19	0.06	<0.001	<0.04	2	<0.005	<0.02	24	<0.010	<0.02	<0.02
MW-236D	May-91						<0.010	46.1				4.58	<0.020	19.3	0.103			2.48			23			
MW-236D	Aug-91						<0.010	40.3				0.262	<0.020	17.1	0.024			1.83			23			
MW-236D	Nov-91						<0.010	40.3				0.432	<0.020	14.4	0.048			1.64			24.7			
MW-236D	Feb-92	1.38	<0.060	<0.020	<0.10	<0.010	<0.010	38.3	<0.020		<0.020	3.09	<0.020	17.8	0.051	<0.001	<0.040	2.05	<0.005	<0.020	21.2	<0.010	0.02	0.02
MW-236D	May-92						<0.010	38.8				0.439	<0.020	16	<0.020			1.31			20.2			
MW-236D	Aug-92						<0.010	33.3				0.209	<0.020	14.4	0.023			2.48			18.4			
MW-236D	Dec-92						<0.010	35.2				0.659	<0.020	13.7	0.026			1.79			24.5			
MW-236D	Feb-93						<0.010	29.1				0.156	<0.020	12.6	0.024			1.74			21.8			
MW-236D	May-93	<0.20	<0.060	<0.020	<0.10	<0.010	<0.010	33.6	<0.020		<0.020	0.11	<0.005	13.7	<0.020	<0.001	<0.040	1.95	<0.005	<0.020	24.5	<0.010	<0.020	<0.020
MW-236D	Sep-93						<0.010	32.7				0.263	<0.005	16.8	<0.020			1.66			23.6			
MW-236D	Dec-93						<0.010	37.9				0.272	<0.005	17.4	0.023			1.87			25.9			
MW-236D	Feb-94						<0.010	18.9				0.492	<0.005	15	0.022			1.52			24.1			
MW-236D	May-94						<0.010	33.1				0.2	0.006	14.8	<0.020			1.44			21.2			
MW-236D	Aug-94	0.66	<0.060	<0.020	<0.10	<0.010	<0.010	40.2	<0.020		0.07	0.56	0.007	15.6	0.029	<0.001	0.14	2.34	<0.005	<0.020	18	<0.005	0.055	0.055
MW-236D	Nov-94						<0.010	29				0.16	<0.005	15.1	<0.020			1.63			23.7			
MW-236D	March-95						<0.010	35.2				0.43	0.007	16	<0.020			2.31			24			
MW-236D	June-95						<0.010	35.2				0.16	<0.005	17.4	0.027			2.11			9.34			
MW-236D	Sept-95						<0.010	37.2				0.092	<0.005	15.8	0.026			1.85			22.4			
MW-236D	Nov-95	0.23	<0.060	<0.020	0.18	<0.010	<0.010	32.7	<0.020		0.14	0.33	<0.005	15.9	0.025	<0.001	<0.040	1.96	<0.005	<0.020	27.5	<0.005	0.052	0.052
MW-236D	April-96	<0.1	<0.1	<0.01	<0.2	<0.003	<0.002	35	<0.01		<0.02	0.22	<0.01	14	0.019	<0.002	<0.01	1.9	<0.1	<0.01	26	<0.01	0.053	0.053
MW-236D	June-96						<0.01	26				0.37	<0.01	14	0.019			1.9			25			
MW-236D	Sept-96						<0.01	37				0.53	0.015	16	0.024			2			24			
MW-236D	Nov-96						<0.01	34				0.42	<0.01	13	0.022			1.5			20			
MW-236D	Mar-97	0.3	<0.06	<0.01	<0.2	<0.01	<0.01	33	<0.01		<0.02	0.83	0.011	14	0.025	<0.0004	<0.01	2	0.062	<0.01	15	<0.01	0.079	0.079
MW-236D	June-97						<0.01	39				0.45	<0.01	16	0.03			1.9			17			
MW-236D	Sept-97						<0.01	35				0.35	<0.01	14	0.025			1.6			21			
MW-236D	Dec-97						<0.01	35				0.3	<0.01	14	0.031			1.7			24			
MW-236D	Mar-98						<0.01	37				0.6	<0.01	16	0.035			1.9			23			
MW-236D	June-98	<0.1	<0.06	<0.01	<0.2	<0.01	<0.01	35	<0.01		<0.02	0.32	0.01	15	0.022	<0.0002	<0.01	1.8	<0.05	<0.01	24	<0.01	<0.03	0.023
MW-236D	Sept-98						<0.01	35				0.35	0.01	16	0.023			2.4			21			
MW-236D	Dec-98						<0.01	41				0.73	<0.01	14	0.036			<1			20			

TABLE 14 - HISTORICAL GROUNDWATER ANALYTICAL DATA - METAL PARAMETERS

Monitoring Well	Sample Date	Al (mg/l)	Sb (mg/l)	As (mg/l)	Ba (mg/l)	Bk (mg/l)	B (mg/l)	Cd (mg/l)	Ca (mg/l)	Cr (mg/l)	Co (mg/l)	Cu (mg/l)	Fe (mg/l)	Pb (mg/l)	Mg (mg/l)	Mn (mg/l)	Hg (mg/l)	Ni (mg/l)	K (mg/l)	Sr (mg/l)	Ag (mg/l)	Na (mg/l)	Tl (mg/l)	V (mg/l)	Zn (mg/l)
Chas. GWA Qual.	State Qual.	0.025	1	0.003	1	0.003	1	0.005	1	0.05	0.05	0.2	0.3	0.025	35	0.3	0.002	0.1	0.01	0.05	20	0.001	0.01	0.01	2
MW-2455 Nov-89	Nov-89	116	<0.6	0.05	0.889	0.01		<0.010	450	0.199	0.425	269	0.168	0.00997	0.00997	0.00047	0.286			<0.005	<0.01	12.7	<0.01		0.725
MW-2455 Feb-90	Feb-90							<0.010				150	0.0719	0.00542											
MW-2455 Apr-90	Apr-90							<0.010				0.917	0.0033	0.002											
MW-2455 Nov-90	Nov-90	4	<0.060	<0.020	0.07	<0.01		<0.01	207	<0.03	<0.02	7.3	<0.020	41	2.2	<0.001	<0.04	2.6	<0.005	<0.02	13	<0.010			0.05
MW-2455 Feb-91	Feb-91							<0.010	197			4.83	<0.020	42.4	1.9			2.61			15.6				
MW-2455 May-91	May-91							<0.010	178			1.63	<0.020	45.7	1.38			2.26			20.1				
MW-2455 Aug-91	Aug-91							<0.010	208			7.84	<0.020	41.4	2.16			2.9			16.3				
MW-2455 Nov-91	Nov-91							<0.010	171			55.9	0.028	45.4	2.78			6.8			11.7				
MW-2455 Feb-92	Feb-92	1.08	<0.060	<0.020	0.15	<0.010		<0.010	214	<0.020	<0.020	1.92	<0.020	42	2.08	<0.001	<0.040	1.93	<0.005	<0.020	13.1	<0.010			<0.020
MW-2455 May-92	May-92							<0.010	191			1.72	<0.020	44.1	1.6			1.64			15.8				
MW-2455 Aug-92	Aug-92							<0.010	156			4.41	<0.020	37.9	1.46			3.2			13.6				
MW-2455 Dec-92	Dec-92							<0.010	159			32.1	0.021	46.3	1.73			7.12			19.9				
MW-2455 Feb-93	Feb-93							<0.010	140			20.8	0.02	40.3	2.09			4.82			23.2				
MW-2455 Jun-93	Jun-93							<0.010	147	<0.020	0.028	9.36	0.009	32.9	1.34	<0.001	<0.040	4.13	<0.005	<0.020	14	<0.010			0.046
MW-2455 Sep-93	Sep-93							<0.010	150			13.3	0.011	46.8	1.35			3.15			16.1				
MW-2455 Dec-93	Dec-93							<0.010	163			0.419	<0.005	39.1	1.78			2.95			18.2				
MW-2455 Feb-94	Feb-94							<0.010	176			13.7	<0.005	46	1.88			4.06			20				
MW-2455 May-94	May-94							<0.010	180			5.32	0.01	44.7	1.72			2.01			25.7				
MW-2455 Aug-94	Aug-94	0.27	<0.060	<0.020	<0.10	<0.010		<0.010	136	<0.020	0.048	0.26	<0.005	26.1	1.29	<0.001	<0.005	1.59	<0.005	<0.020	12.8	<0.005			0.047
MW-2455 Nov-94	Nov-94							<0.010	136			0.37	<0.005	38.6	1.36			1.63			18.4				
MW-2455 March-95	March-95							<0.010	174			3.08	<0.005	51	1.9			2.34			23				
MW-2455 June-95	June-95							<0.010	170			2.05	<0.005	44.3	1.54			2.11			15.1				
MW-2455 Sept-95	Sept-95							<0.010	150			9.54	<0.005	45.6	2.17			3.07			16.9				
MW-2455 Dec-95	Dec-95	<0.20	<0.060	<0.020	0.33	<0.010		<0.010	173	<0.020	0.072	0.99	<0.005	52.1	1.8	<0.001	<0.040	2.21	<0.005	<0.020	30.5	<0.005			0.05
MW-2455 April-96	April-96	11	<0.1	<0.01	<0.2	<0.005		<0.002	240	0.015	0.05	18	0.019	27	2.2	<0.002	0.071	5.8	<0.1	<0.01	27	<0.05			0.064
MW-2455 June-96	June-96							<0.01	220			52	<0.01	31	3			6.4			24				
MW-2455 Sept-96	Sept-96							<0.01	200			29	0.029	33	2.2			4.8			24				
MW-2455 Nov-96	Nov-96							<0.01	160			54	0.035	33	2.8			6.8			22				
MW-2455 Mar-97	Mar-97	20	<0.06	<0.01	<0.2	<0.01		<0.01	190	0.034	0.062	41	0.022	29	2.5	<0.0004	0.044	8.3	<0.05	0.014	16	<0.03			0.2
MW-2455 June-97	June-97							<0.01	190			24	0.022	42	2.1			5			17				
MW-2455 Sept-97	Sept-97							<0.01	160			23	0.019	35	2			5.9			20				
MW-2455 Dec-97	Dec-97							<0.01	180			18	0.014	37	1.9			4.8			20				
MW-2455 Mar-98	Mar-98							<0.01	180			11	<0.01	37	1.8			3.4			20				
MW-2455 June-98	June-98	10	<0.06	0.024	<0.2	<0.01	<1	<0.01	130	0.02	0.011	0.028	20	0.016	32	1.6	<0.0002	0.027	5.8	<0.05	<0.01	15	<0.03	<0.03	0.12
MW-2455 Sept-98	Sept-98							<0.01	180			52	0.014	47	2.5			9.8			18				
MW-2455 Dec-98	Dec-98							<0.01	240			60	0.019	49	3			8.2			24				
MW-2455 Apr-99	Apr-99							<0.01	190			40	0.021	51	2.6			4.9			19				
MW-2455 Jun-99	Jun-99							<0.01	210			28	0.012	50	2.6			3.7			26				
MW-2455 Sept-99	Sept-99							<0.01	180			26	<0.01	44	2.2			5.7			21				
MW-2455 Dec-99	Dec-99	11	<0.01	0.042	<0.2	<0.01	<0.5	<0.01	170	0.026	0.012	0.045	25	0.015	42	2.4	<0.0002	0.044	4	0.02	<0.01	20	<0.01	0.015	<0.01
MW-2455 Apr-00	Apr-00	1.41	<0.020	0.016	0.047	<0.002	0.07	<0.0050	170	<0.010	<0.010	<0.017	2.31	0.001	36.2	1.7	<0.0002	<0.012	2.06	<0.002	<0.010	19.5	<0.001	<0.010	<0.020
MW-2455 Jun-00	Jun-00							<0.0050	190			0.845	0.004	46.7	2.1			1.92			21				
MW-2455 Sept-00	Sept-00							<0.005	181			3.53	0.005	39.3	2.12			1.81			20.3				
MW-2455 Dec-00	Dec-00							<0.005	154			1.54	0.003	31.6	1.94			1.43			18.2				
MW-2455 Mar-01	Mar-01							<0.005	150			1.59	0.003	34.6	1.59			1.85			17.6				
MW-2455 Jun-01	Jun-01	0.44	<0.020	0.016	0.037	<0.002	<0.048	<0.005	121	<0.010	<0.010	<0.017	1.33	0.007	26.4	1.41	<0.0002	<0.012	1.84	<0.002	<0.010	19.4	<0.001	<0.010	<0.020
MW-2455 Sept-01	Sept-01							<0.005	132			4.91	0.026	30	2.21			2.13			20.5				
MW-2455 Dec-01	Dec-01							<0.005	146			5.2	0.004	31.6	1.62			2.19			22.8				
MW-2455 Mar-02	Mar-02							<0.005	162			4.38	0.005	34.2	1.74			2.02			20				
MW-2455 Jun-02	Jun-02							<0.005	179			2.37	0.003	44.8	1.88			2.29			18.5				
MW-2455 Sept-02	Sept-02	0.484	<0.050	0.02	0.041	<0.002	0.056	<0.005	158	<0.010	<0.010	0.019	1.44	0.004	34.6	1.65	<0.0002	<0.012	1.58	<0.001	<0.010	18.6	<0.001	<0.010	0.021
MW-2455 Dec-02	Dec-02							<0.001	182			0.044	<0.001	45.3	2.18			1.95			17.7				
MW-2455 Apr-04	Apr-04	2.77	<0.050	0.026	0.045	<0.002	0.101	<0.001	121	0.004	<0.010	<0.017	412	3.31	0.004	26.6	1.39	<0.0002	<0.012	2.31	<0.001	<0.010	16.9	<0.001	<0.010
MW-2455 Jun-05	Jun-05	2.8	<0.0025	0.0253	0.0487	<0.0004	0.0316	<0.0008	122	0.005	<0.0019	0.0057	4.64	0.0003	26.9	1.65	<0.00016	0.0028	2.8	<0.0039	0.0039	12.8	<0.0029	0.0049	0.0009
MW-2455 Sept-06	Sept-06	50	<0.060	0.022	0.35	<0.005	0.056	<0.005	230	0.074	<0.050	0.14	100	0.049	67	4.2	<0.0002	0.049	1.4	<0.010	<0.010	17	<0.010	0.042	0.29

TABLE 14 - HISTORICAL GROUNDWATER ANALYTICAL DATA - METAL PARAMETERS

Monitoring Well	Sample Date	Al (mg/l)	Sb (mg/l)	As (mg/l)	Ba (mg/l)	Be (mg/l)	Cd (mg/l)	Ca (mg/l)	Cr (mg/l)	Co (mg/l)	Cu (mg/l)	Fe (mg/l)	Pb (mg/l)	Mg (mg/l)	Mn (mg/l)	Hg (mg/l)	Ni (mg/l)	K (mg/l)	Sr (mg/l)	Az (mg/l)	Na (mg/l)	Tl (mg/l)	V (mg/l)	Zn (mg/l)
Chm G/A GW Qual.		0.025	0.005	0.003	1	0.003	1	0.005	0.05	0.05	0.2	0.3	0.025	35	0.3	0.002	0.1		0.01	0.05	20	0.001		
Stat & Qual. Val.																								
MW-245D	Feb-90	<0.2	<0.06	<0.01	<0.2	<0.005	<0.01	42.9	<0.01	<0.01	<0.025	0.025	<0.003		0.003	<0.0002	<0.04		<0.005	<0.01	54.9	<0.01		0.0276
MW-245D	Apr-90			<0.01		<0.01	<0.01					0.171	<0.003		0.0597									
MW-245D	Nov-90	2.6	<0.060	<0.020	0.09	<0.01	<0.01	66	<0.02		0.03	14	0.042	33	0.12	<0.001	0.09	4	<0.005	<0.02	98	<0.010		0.12
MW-245D	Feb-91						<0.010	69.6				5.05	<0.020	29.1	0.119			3.61			100			
MW-245D	May-91						<0.010	63.8				2.91	<0.020	29.7	0.049			2.79			69.7			
MW-245D	Aug-91						<0.010	89.4				6.32	<0.020	36.4	0.067			2.69			51.6			
MW-245D	Nov-91						<0.010	70.3				8.38	<0.020	27.2	0.092			2.25			69.2			
MW-245D	Feb-92	0.54	<0.060	<0.020	<0.10	<0.010	<0.010	88.1	<0.020		<0.020	2.23	<0.020	36.4	0.114	<0.001	<0.040	2.49	<0.005	<0.020	44.7	<0.010		0.03
MW-245D	May-92						<0.010	80.9				2.01	<0.020	28.7	0.089			2.07			48.1			
MW-245D	Aug-92						<0.010	73.5				0.197	<0.020	27.4	0.06			3.39			40.2			
MW-245D	Dec-92						<0.010	74.8				0.471	<0.020	25.7	0.034			2.6			40.5			
MW-245D	Feb-93						<0.010	67				0.312	<0.020	23.1	0.06			2.47			39			
MW-245D	Jun-93	0.41	<0.060	<0.020	<0.10	<0.010	<0.010	86.2	<0.020		<0.020	1.7	0.008	26.7	0.062	<0.001	<0.040	3.52	<0.005	<0.020	54.1	<0.010		0.027
MW-245D	Aug-93						<0.010	79.3				0.319	<0.005	36.9	0.036			2.12			34			
MW-245D	Dec-93						<0.010	99				0.081	<0.005	36.8	0.053			2.08			22.9			
MW-245D	Feb-94						<0.010	86.1				0.605	<0.005	30	0.036			1.85			23.8			
MW-245D	May-94						<0.010	91.5				0.1	<0.005	32.2	0.087			2.25			33.9			
MW-245D	Aug-94	<0.20	<0.060	<0.020	<0.10	<0.010	<0.010	110	<0.020		0.035	1.57	<0.005	33.3	0.06	<0.001	0.091	4.75	<0.005	<0.020	22.1	<0.005		0.1
MW-245D	Nov-94						<0.010	83				1.55	<0.005	33.9	0.076			6.54			24.7			
MW-245D	March-95						<0.010	91				1.92	0.006	34	0.062			4.2			40			
MW-245D	June-95						<0.010	97				0.77	<0.05	32.9	0.073			2.98			22			
MW-245D	Sept-95						<0.010	86.7				0.38	<0.005	33.8	0.058			2.32			19.9			
MW-245D	Dec-95	<0.20	<0.060	<0.020	0.26	<0.010	<0.010	89.9	<0.020		<0.020	0.097	<0.005	33.5	0.044	<0.001	<0.040	2.12	<0.005	<0.020	24.6	<0.005		0.042
MW-245D	April-96	0.11	<0.1	<0.01	<0.2	<0.003	<0.002	120	<0.01		<0.02	0.92	0.011	24	0.058	<0.0002	<0.01	2.2	<0.1	<0.01	22	<0.03		0.068
MW-245D	June-96						<0.01	130				2.5	<0.01	27	0.069			2.6			21			
MW-245D	Sept-96						<0.01	120				3	<0.01	30	0.084			2.9			31	<0.03		0.25
MW-245D	Nov-96						<0.01	80			0.045	0.64	<0.01	24	0.055			2.7			36			
MW-245D	Mar-97	9.7	<0.06	<0.01	<0.2	<0.01	<0.01	120	0.016			3.5	<0.01	28	0.064			2.6			22			
MW-245D	June-97						<0.01	100				1.9	<0.01	27	0.072			2.7			31			
MW-245D	Sept-97						<0.01	87				2.9	<0.01	31	0.091			2.9			34			
MW-245D	Dec-97						<0.01	100				3.5	<0.01	31	0.095			3.5			46			
MW-245D	Mar-98						<0.01	100				5.1	<0.01	35	0.13	<0.0002	0.022	3.6	<0.05	<0.1	42	<0.03	<0.03	0.08
MW-245D	June-98	0.2	<0.06	<0.01	<0.2	<0.01	<0.01	110	<0.01	<0.01	<0.02	5.6	<0.01	34	0.2			5.7			40			
MW-245D	Sept-98						<0.01	110				1	<0.01	32	0.088			2.9			27			
MW-245D	Dec-98						<0.01	140																
MW-245D	Apr-99						Location Not Sampled																	
MW-245D	Jun-99						<0.01	110				4.6	0.019	33	0.2			4.1			120			
MW-245D	Sept-99						Location Not Sampled																	
MW-245D	Dec-99						Location Not Sampled																	
MW-245D	Apr-00	0.372	<0.020	0.003	0.093	<0.002	<0.004	<0.0050	103	<0.010	<0.010	2.29	0.009	30.8	0.187	<0.0002	<0.012	3.22	<0.002	<0.010	45.9	<0.001	<0.010	0.049
MW-245D	June-00						<0.0050	86.7				0.511	0.007	25.4	0.214			3.22			70.1			
MW-245D	Sept-00						<0.005	88.4				2.9	0.007	26.4	0.198			3			78.5			
MW-245D	Dec-00						<0.005	79.3				3.98	0.002	24.2	0.128			3.21			78.5			
MW-245D	Mar-01						<0.005	70.2				4.65	0.002	23.2	0.093			3.35			81.7			
MW-245D	Jun-01	0.118	<0.050	0.009	0.105	<0.002	0.051	78.5	<0.010	<0.010	<0.017	4.66	0.008	24.5	0.156	<0.0002	0.014	3.67	<0.002	<0.010	79	<0.001	<0.010	0.031
MW-245D	Sept-01						<0.005	75.4				4.06	0.008	24.8	0.146			3.49			77.3			
MW-245D	Dec-01						<0.005	68.3				3.46	0.005	23.3	0.122			3.77			89.7			
MW-245D	Mar-02						<0.005	83.9				5.12	0.003	26.2	0.134			3.01			62.4			
MW-245D	Jun-02	<0.075	<0.050	0.01	0.097	<0.002	0.075	73.4	<0.010	<0.0100	<0.017	3.65	0.007	25.4	0.104	<0.0002	<0.012	3.49	<0.001	<0.010	80.2	<0.001	<0.010	0.023
MW-245D	Sept-02						<0.005	72.7				3.02	0.007	26.7	0.129			3.88			63.2			
MW-245D	Dec-02						<0.001	72.7				3.06	0.002	27.1	0.109			3.37			61.8			
MW-245D	Apr-04	0.337	<0.050	0.007	0.109	<0.002	0.061	99.4	0.003	<0.010	<0.017	4.54	0.008	31	0.27	<0.0002	<0.012	4.09	<0.001	<0.010	70.5	<0.001	<0.010	0.042
MW-245D	Jun-05	0.0534	<0.0025	0.0071	0.0957	<0.0004	0.0373	<0.0008	83.1	0.0025	<0.0019	1.65	0.0051	29	0.196	<0.00016	<0.0023	6.04	<0.0019	0.0022	60.6	<0.0029	<0.0002	0.112
MW-245D	Sept-06	<0.010	<0.060	<0.005	<0.200	<0.005	<0.006	45	0.091	<0.0060	0.031	27	0.013	10	0.36	<0.0002	0.065	6.9	<0.010	<0.010	<5	<0.010	<0.050	0.12

TABLE 15 - HISTORICAL SURFACE WATER ANALYTICAL RESULTS - WATER QUALITY PARAMETERS

Sample Location	Sample Date	ALK (mg/l)	COD (mg/l)	Cl- (mg/l)	Hard (mg/l)	TOC (mg/l)	Phenols (mg/l)	SO4= (mg/l)	TDS (mg/l)	NH3 (mg/l)	NO3- (mg/l)	BOD5 (mg/l)	Color (units)
<i>Class C Surface Water Quality Standards and Guidance Values</i>													
SW-3	Apr-99	46	65	38	86	10	<0.002	32	210	<0.03	0.35	<4	
SW-3	Jun-99	150	18	52	220	5.7	0.002	26	290	<0.03	0.55	4.2	
SW-3	Sept-99	82	31	36	200	11	<0.002	90	330	<0.03	0.94	<4	
SW-3	Dec-99	120	24	35	190	10	<.002	97	360	0.092	3.1	<4	55
SW-3	Apr-00	65.3	21.9	28.8	100	6.6	<0.004	26	176	0.12	1.51	<3	75
SW-3	Jun-00	114	33.3	36.1	145	8.3	<0.004	200	241	<0.1	0.743	3	
SW-3	Sept-00	146	<10	42.1	173	9.2	<0.004	33	230	<0.1	0.855	<3	
SW-3	Dec-00	45.8	31.6	30.6	95.2	8.9	0.0066	34	144	<0.1	1.54	<3	
SW-3	Mar-01	72.8	<10	39.7	101	5	<0.004	33	170	<0.1	1.12	<3	
SW-3	Jun-01	72.3	36.6	40.3	100	20	<0.004	20.1	192	<0.1	0.479	4	150
SW-3	Sept-01	171	<10	73.8	237	5.3	<0.004	44.6	365	<0.1	0.67	<3	
SW-3	Dec-01	143	10.8	63.8	200	4.2	0.0232	35	290	<0.1	0.95	<3	
SW-3	Mar-02	92.3	<10	77.9	156	6.4	<0.004	55.8	265	<0.1	0.724	<3	
SW-3	Jun-02	113	<10	49.3	144	7.9	<0.004	29.3	267	<0.1	0.784	<3	
SW-3	Sept-02	155	<10	78.5	232	5.6	<0.004	66.6	405	0.189	1.34	<3	50
SW-3	Dec-02	50.9	19.5	38.9	123	9	<0.004	54	252	<0.1	0.64	<3	
SW-3	Apr-04	96.4	26	48	118	6.4	<0.004	17.4	211	<0.10	0.5	3	<5
SW-3	Sept-05	188	14.5	81	257	5.9	<0.0100	38.5	446	<1.0	1.01	<4.00	500
SW-5	Apr-99	95	11	43	130	5.7	<0.002	24	230	<0.03	0.59	<4	
SW-5	Jun-99	150	14	52	230	5.6	0.0023	27	290	<0.03	0.58	4	
SW-5	Sept-99	85	31	39	200	11	<0.002	91	370	<0.03	1.2	<4	
SW-5	Dec-99	68	28	35	200	10	<.002	100	360	0.084	3.3	<4	45
SW-5	Apr-00	62.9	11.5	28.9	99.8	7	<0.004	31	177	0.137	1.52	8	100
SW-5	Jun-00	117	24.2	36	143	8.6	<0.004	19	251	0.155	0.74	3	
SW-5	Sept-00	147	19.9	42.2	172	9.6	<0.004	25	238	<0.1	0.914	<3	
SW-5	Dec-00	91.7	105	36.7	193	7.4	0.0072	81	231	0.167	1.72	<3	
SW-5	Mar-01	75.7	<10	40	106	5.4	<0.004	19	156	<0.1	1.1	<3	
SW-5	Jun-01	91.5	28.4	42.5	124	15	<0.004	21.7	205	0.105	1.03	<3	125
SW-5	Sept-01	173	<10	73.4	242	5.3	<0.004	46.8	354	<0.1	0.742	<3	
SW-5	Dec-01	145	<10	64.2	194	4.5	<0.004	36	299	<0.1	0.96	<3	
SW-5	Mar-02	73.5	17.7	77.7	159	6	<0.004	54.5	279	<0.1	0.704	<3	
SW-5	Jun-02	113	<10	49.7	142	7.9	<0.004	27.6	279	<0.1	0.815	<3	
SW-5	Sept-02	158	<10	80	233	5.8	<0.004	76.3	422	<0.1	1.46	<3	50
SW-5	Dec-02	102	<10	51.8	160	4.2	<0.004	41.3	266	0.1	1.42	<3	
SW-5	Apr-04	105	15	47.4	128	5.4	<0.004	18.4	241	<0.10	<0.1	<3	<5
SW-5	Sept-05	193	14.5	79	240	5.57	<0.0100	39.1	446	<1.00	0.946	<4.00	750
SW-5	Sept-06	120	28	48	150	8.9	<0.010	23	250	<1.0	0.69	<4.0	300

TABLE 15 - HISTORICAL SURFACE WATER ANALYTICAL RESULTS - WATER QUALITY PARAMETERS

Sample Location	Sample Date	ALK (mg/l)	COD (mg/l)	Cl- (mg/l)	Hard (mg/l)	TOC (mg/l)	Phenols (mg/l)	SO4= (mg/l)	TDS (mg/l)	NH3 (mg/l)	NO3- (mg/l)	BOD5 (mg/l)	Color (units)
<i>Class C Surface Water Quality Standards and Guidance Values</i>							<i>0.005</i>		<i>500</i>	<i>*1</i>			
SW-8	Apr-99	97	12	43	130	5.2	<0.002	24	230	<0.03	0.6	<4	
SW-8	Jun-99	150	13	52	230	5.7	0.0024	27	290	<0.03	0.61	<4	
SW-8	Sept-99	91	34	40	200	11	<0.002	91	360	<0.03	1.2	14	
SW-8	Dec-99	78	24	35	200	11	<0.002	100	370	0.1	3.3	4.5	50
SW-8	Apr-00	65.2	24.2	30	98.8	6.7	<0.004	29	188	0.15	1.52	7	100
SW-8	Jun-00	114	23.2	36.4	155	9.5	<0.004	24	231	0.103	0.754	<3	
SW-8	Sep-00	146	10	42.1	178	9.5	<0.004	27	273	<0.1	0.924	<3	
SW-8	Dec-00	91.2	23	36.3	155	5.5	<0.004	39	190	0.145	1.79	<3	
SW-8	Mar-01	74.8	<10	39.7	102	5.3	<0.004	24	202	<0.1	1.1	<3	
SW-8	Jun-01	92.1	31.3	44.1	121	18	<0.004	21.6	209	<0.1	1.2	3	125
SW-8	Sep-01	175	<10	74.1	236	5.5	<0.004	45.6	387	<0.1	0.727	3	
SW-8	Dec-01	147	<10	63.3	209	4.4	<0.004	36	301	<0.1	0.93	<3	
SW-8	Mar-02	73.3	<10	77.6	155	6	<0.004	54.4	276	<0.1	0.72	<3	
SW-8	Jun-02	115	<10	50.4	148	8.6	<0.004	27.8	250	<0.1	0.832	<3	
SW-8	Sep-02	166	13.2	77.9	233	5.3	0.0115	58.5	406	<0.1	1.54	<3	45
SW-8	Dec-02	86.7	<10	51.4	160	4.8	<0.004	43.9	265	<0.1	1.47	<3	
SW-8	Apr-04	106	30	47.5	130	5.5	<0.004	18.3	170	0.221	<0.1	<3	<5
SW-8	Sep-05	189	14.5	80	238	6.16	<0.010	38.4	428	<1.0	0.934	<4.0	500
SW-8	Sep-06	120	30	50	150	7.9	<0.010	22	240	<1.0	0.69	<4.0	200
SW-13	Apr-99	93	21	43	120	5.2	<0.002	23	230	<0.03	0.58	<4	
SW-13	Jun-99	150	16	53	260	5.8	0.0026	26	290	<0.03	0.55	<4	
SW-13	Sept-99	91	31	40	200	11	<0.002	91	370	<0.03	1.2	<4	
SW-13	Dec-99	44	29	36	110	12	<0.002	40	230	0.03	1.5	<4	60
SW-13	Apr-00	64.9	29.6	30.8	98.4	7	<0.004	30	178	0.117	1.82	7	100
SW-13	Jun-00	116	26.6	36.1	140	10	<0.004	20	247	<0.1	0.753	<3	
SW-13	Sep-00	147	<10	42.5	172	12	<0.004	28	244	<0.1	1.17	<3	
SW-13	Dec-00	52.6	<10	30.2	96.7	9	<0.004	36	181	<0.1	1.67	<3	
SW-13	Mar-01	75	13.9	40.2	111	5	<0.004	30	199	<0.1	1.2	<3	
SW-13	Jun-01	93.7	32.6	43.1	127	16	0.0045	21.5	216	<0.1	1.03	3	125
SW-13	Sep-01	175	<10	71.3	235	5.5	<0.004	50.5	362	<0.1	0.678	<3	
SW-13	Dec-01	144	<10	64.4	201	4.5	<0.004	36	305	<0.1	0.96	<3	
SW-13	Mar-02	72.7	<10	77.5	142	6.1	<0.004	55.7	266	<0.1	0.729	<3	
SW-13	Jun-02	106	<10	50.1	146	8	<0.004	27.4	247	<0.1	0.83	<3	
SW-13	Sep-02	159	<10	76.5	234	5.7	<0.004	66.7	404	<0.1	1.38	<3	50
SW-13	Dec-02	53.4	28.8	40.1	123	10	<0.004	52.7	239	<0.1	0.68	<3	
SW-13	Apr-04	102	34	49.3	122	6.1	<0.004	18.3	172	<0.10	0.53	<3	<5
SW-13	Sep-05	187	14.5	82	245	5.75	<0.0100	38.8	446	<1.00	1.15	<4.00	750
SW-13	Sep-06	89	50	23	140	18	<0.010	48	250	<1.0	0.35	<4.0	400

*1 - Dependant upon sample temperature and pH (see regs)

TABLE 15 - HISTORICAL SURFACE WATER ANALYTICAL RESULTS - WATER QUALITY PARAMETERS

Sample Location	Sample Date	CN- (mg/l)	Cr+6 (mg/l)	TKN (mg/l)	DO (mg/l)	Bromide (mg/l)
<i>Class C Surface Water Quality Standards and Guidance</i>						
SW-3	Apr-99			0.76	7.78	<0.1
SW-3	Jun-99			1.1	7.27	<0.1
SW-3	Sept-99			0.86	7.05	<0.1
SW-3	Dec-99	<.01	<.03	1.4	11.01	<.1
SW-3	Apr-00	<0.01	<0.01	<1	10.6	<1
SW-3	Jun-00			<1	7.8	<1
SW-3	Sep-00			<1	9.2	<1
SW-3	Dec-00			2.01	8.1	<1
SW-3	Mar-01			1.69	10.9	<1
SW-3	Jun-01	<0.01		1.35	7.5	<1
SW-3	Sep-01			1.35	7.4	<1
SW-3	Dec-01			<1	9	<1
SW-3	Mar-02			<1	12.3	<1
SW-3	Jun-02			<1	8.4	<1
SW-3	Sep-02	<0.005	<0.01	<1	9	<1
SW-3	Dec-02			<1	8.6	<1
SW-3	Apr-04	<0.005	<0.01	<1	8.4	<1
SW-3	Sep-05	<0.0100	<0.010	<1		<1
SW-5	Apr-99			1.1	8.71	<0.1
SW-5	Jun-99			0.93	6.5	<0.1
SW-5	Sept-99			0.89	7.28	<0.1
SW-5	Dec-99	<.01	<.03	1.3	10.59	<.1
SW-5	Apr-00	<0.01	<0.01	<1	9.2	<1
SW-5	Jun-00			<1	7.8	<1
SW-5	Sep-00			<1	9	<1
SW-5	Dec-00			7.37	7.9	<1
SW-5	Mar-01			7.52	10.8	<1
SW-5	Jun-01	<0.01		1.01	5.2	<1
SW-5	Sep-01			<1	7.5	<1
SW-5	Dec-01			<1	9.2	<1
SW-5	Mar-02			<1	10.8	<1
SW-5	Jun-02			<1	8.1	<1
SW-5	Sep-02	<0.005	<0.01	1.17	9.2	<1
SW-5	Dec-02			<1	8.6	<1
SW-5	Apr-04	<0.005	<0.01	<1	8.4	<1
SW-5	Sep-05	<0.0100	<0.010	<1.00		<1.00
SW-5	Sep-06	<0.010	<0.010			<1.0

TABLE 15 - HISTORICAL SURFACE WATER ANALYTICAL RESULTS - WATER QUALITY PARAMETERS

Sample Location	Sample Date	CN- (mg/l)	Cr+6 (mg/l)	TKN (mg/l)	DO (mg/l)	Bromide (mg/l)
Class C Surface Water Quality Standards and Guidance		0.0052	0.011		< 4	
SW-8	Apr-99			0.67	8.46	<0.1
SW-8	Jun-99			1.1	6.17	<0.1
SW-8	Sept-99			0.93	7.41	<0.1
SW-8	Dec-99	<0.01	<.03	1.6	11.28	<.1
SW-8	Apr-00	<0.01	<0.01	<1	9	<1
SW-8	Jun-00			<1	8.1	<1
SW-8	Sept-00			<1	8.8	<1
SW-8	Dec-00			1.67	7.6	<1
SW-8	Mar-01			1.69	11	<1
SW-8	Jun-01	<0.01		<1	6	<1
SW-8	Sept-01			<1	7.3	<1
SW-8	Dec-01			<1	8.5	<1
SW-8	Mar-02			<1	9.1	<1
SW-8	Jun-02			<1	8.4	<1
SW-8	Sept-02	<0.005	<0.01	1.76	9.6	<1
SW-8	Dec-02			<1	8.5	<1
SW-8	Apr-04	<0.005	<0.01	<1	8.5	<1
SW-8	Sept-05	<0.0100	<0.010	<1.00		<1.00
SW-8	Sept-06	<0.010	0.010			<1.0
SW-13	Apr-99			0.68	9.31	<0.1
SW-13	Jun-99			1.4	6.86	<0.1
SW-13	Sept-99			1.1	6.79	<0.1
SW-13	Dec-99	<0.01	<.03	0.98	9.5	<.1
SW-13	Apr-00	<0.01	<0.01	<1	9.4	<1
SW-13	Jun-00			<1	7.9	<1
SW-13	Sept-00			<1	9	<1
SW-13	Dec-00			1	8	<1
SW-13	Mar-01			<1	11	<1
SW-13	Jun-01	<0.01		1.35	6.8	<1
SW-13	Sept-01			1.01	7.5	<1
SW-13	Dec-01			<1	8.7	<1
SW-13	Mar-02			<1	12.6	<1
SW-13	Jun-02			<1	8.6	<1
SW-13	Sept-02	<0.005	<0.01	1.38	9.4	<1
SW-13	Dec-02			1.45	8.4	<1
SW-13	Apr-04	<0.005	<0.01	<1	8.6	<1
SW-13	Sept-05	<0.0100	<0.010	<1		<1
SW-13	Sept-06	<0.010	<0.010	NA	NA	<1.0

TABLE 16 - HISTORICAL SURFACE WATER ANALYTICAL RESULTS - METAL PARAMETERS

Sample Location	Sample Date	Al (mg/l)	Sb (mg/l)	As (mg/l)	Ba (mg/l)	Be (mg/l)	B (mg/l)	T-Cd (mg/l)	T-Ca (mg/l)	Cr (mg/l)	Co (mg/l)	Cu (mg/l)	T-Fe (mg/l)	T-Pb (mg/l)
<i>Sids and Guid. Values</i>		<i>0.1</i>		<i>0.15</i>		*	<i>10</i>	*		*	<i>0.005</i>	*	<i>0.3</i>	*
SW-3	Apr-99							<0.01	25				0.99	<0.01
SW-3	Jun-99							<0.01	57				1.5	<0.01
SW-3	Sept-99							<0.01	56				1.2	<0.01
SW-3	Dec-99	0.7	<0.01	<0.01	<.2	<0.01	<.5	<0.01	57	<0.01	<0.01	<0.01	1.3	<0.01
SW-3	Apr-00	0.54	<0.050	<0.002	<0.016	<0.002	<0.048	<0.0050	27.6	<0.010	<0.010	<0.017	0.923	<0.001
SW-3	Jun-00							<0.0050	38.5				0.908	0.003
SW-3	Sep-00							<0.005	45.4				0.751	0.001
SW-3	Dec-00							<0.005	27.9				0.921	0.002
SW-3	Mar-01							<0.005	26.8				0.696	0.005
SW-3	Jun-01	0.493	<0.050	<0.002	0.026	<0.002		<0.005	29.2	<0.010	<0.010	<0.017	1.53	0.013
SW-3	Sep-01							<0.005	60				0.97	0.005
SW-3	Dec-01							<0.005	51.4				0.878	<0.001
SW-3	Mar-02							<0.005	44				0.544	0.001
SW-3	Jun-02							<0.005	38.9				0.736	0.002
SW-3	Sep-02	0.909	<0.050	0.002	0.037	<0.002	0.065	<0.005	61.5	<0.010	<0.010	<0.017	1.34	0.007
SW-3	Dec-02							0.001	33.8	<0.002	<0.010	<0.017	0.386	0.004
SW-3	Apr-04	0.938	<0.050	0.001	0.019	<0.002	<0.048	<0.001	31.9		<0.010	<0.017	1.19	0.001
SW-3	Sep-05	0.152	<0.0044	<0.0031	0.0405	<0.0004	0.0598	<0.0008	64	0.0013	<0.0019	0.0031	0.248	<0.0019
SW-5	Apr-99							<0.01	33				0.64	<0.01
SW-5	Jun-99							<0.01	58				1.3	<0.01
SW-5	Sept-99							<0.01	56				1.5	<0.01
SW-5	Dec-99	0.84	<0.01	<0.01	<.2	<0.01	<.5	<0.01	60	<0.01	<0.01	<0.01	1.54	<0.01
SW-5	Apr-00	0.572	<0.050	<0.002	<0.016	<0.002	<0.048	<0.0050	27.5	<0.010	<0.010	<0.017	0.997	0.002
SW-5	Jun-00							<0.0050	38.1				0.861	0.006
SW-5	Sep-00							<0.005	45.4				0.657	0.002
SW-5	Dec-00							<0.005	52.4				9.17	0.013
SW-5	Mar-01							<0.005	28				1.18	0.002
SW-5	Jun-01	0.941	<0.050	0.003	0.022	<0.002		<0.005	33.3	<0.010	<0.010	<0.017	1.82	0.006
SW-5	Sep-01							<0.005	61.4				0.785	0.005
SW-5	Dec-01							<0.005	49.8				0.933	<0.001
SW-5	Mar-02							<0.005	44.8				0.854	0.001
SW-5	Jun-02							<0.005	38.2	<0.010	<0.0100	<0.017	0.745	0.002
SW-5	Sep-02	0.834	<0.050	0.002	0.038	<0.002	0.066	<0.005	61.4				1.17	0.006
SW-5	Dec-02							<0.001	41.7	<0.002	<0.010	<0.017	0.354	<0.001
SW-5	Apr-04	0.747	<0.050	0.001	0.018	<0.002	<0.048	<0.001	34.4	<0.002	<0.010	<0.017	0.939	<0.001
SW-5	Sep-05	0.241	<0.0044	<0.0031	0.0377	<0.0004	0.0523	<0.0008	59.8	<0.0009	<0.0019	0.003	0.285	<0.0019
SW-5	Sep-06	0.34	<0.060	<0.005	0.2	<0.005	<0.050	<0.005	39	<0.010	<0.050	<0.025	0.82	<0.005

TABLE 16 - HISTORICAL SURFACE WATER ANALYTICAL RESULTS - METAL PARAMETERS

Sample Location	Sample Date	Al (mg/l)	Sb (mg/l)	As (mg/l)	Ba (mg/l)	Be (mg/l)	B (mg/l)	T-Cd (mg/l)	T-Ca (mg/l)	Cr (mg/l)	Co (mg/l)	Cu (mg/l)	T-Fe (mg/l)	T-Pb (mg/l)
Std's and Guid. Values		0.1		0.15		*	10	*		*	0.005	*	0.3	*
SW-8	Apr-99							<0.01	33				0.67	<0.01
SW-8	Jun-99							<0.01	59				1	<0.01
SW-8	Sept-99							<0.01	55				1.1	<0.01
SW-8	Dec-99	1	<0.01	<0.01	<.2	<0.01	<0.01	<0.01	58	<0.01	<0.01	<0.01	2	<0.01
SW-8	Apr-00	0.854	<0.050	<0.002	0.017	<0.002	<0.048	<0.0050	27.1	<0.010	<0.010	<0.017	1.13	<0.001
SW-8	Jun-00							<0.0050	41.1				0.981	0.004
SW-8	Sep-00							<0.005	46.8				0.655	0.001
SW-8	Dec-00							<0.005	41.7				3.13	0.005
SW-8	Mar-01							<0.005	26.8				0.505	0.001
SW-8	Jun-01	0.532	<0.050	0.003	0.019	<0.002		<0.005	32.6	<0.010	<0.010	<0.017	1.25	0.002
SW-8	Sep-01							<0.005	59.7				0.829	0.01
SW-8	Dec-01							<0.005	54.2				1.06	0.001
SW-8	Mar-02							<0.005	43.6				0.658	<0.001
SW-8	Jun-02							<0.005	39.7				0.692	0.002
SW-8	Sep-02	0.774	<0.050	0.002	0.037	<0.002	0.053	<0.005	60.6	<0.010	<0.0100	<0.017	1.4	0.002
SW-8	Dec-02							<0.001	42				0.356	<0.001
SW-8	Apr-04	0.881	<0.050	0.001	0.019	<0.002	0.053	<0.001	34.7	<0.002	<0.010	<0.017	1.05	<0.001
SW-8	Sep-05	0.396	0.0063	<0.0031	0.0368	<0.0004	0.0502	<0.0008	59.2	0.0011	<0.0019	0.0021	0.196	<0.0019
SW-8	Sep-06	0.94	<0.060	<0.005	<0.200	<0.005	<0.050	<0.005	39	<0.010	<0.050	<0.025	1.5	<0.005
SW-13	Apr-99							<0.01	31				0.59	<0.01
SW-13	Jun-99							<0.01	67				8.2	0.014
SW-13	Sept-99							<0.01	56				1.2	<0.01
SW-13	Dec-99	0.42	<0.01	<0.01	<.2	<0.01	<.5	<0.01	33	<0.01	<0.01	<0.01	0.98	<0.01
SW-13	Apr-00	0.991	<0.050	<0.002	0.017	<0.002	0.052	<0.0050	27.2	<0.010	<0.010	<0.017	1.26	0.001
SW-13	Jun-00							<0.0050	37.3				0.86	0.01
SW-13	Sep-00							<0.05	45.4				0.557	0.001
SW-13	Dec-00							<0.005	28.1				1.09	<0.001
SW-13	Mar-01							<0.005	29.2				1.63	0.01
SW-13	Jun-01	0.503	<0.050	0.003	0.019	<0.002		<0.005	34.4	<0.010	<0.010	<0.017	1.36	0.005
SW-13	Sep-01							<0.005	59.4				1.05	0.006
SW-13	Dec-01							<0.005	52.2				0.889	<0.001
SW-13	Mar-02							<0.005	40				0.561	0.001
SW-13	Jun-02							<0.005	39.3				0.732	0.002
SW-13	Sep-02	0.499	<0.050	0.002	0.035	<0.002	0.073	<0.005	62	<0.010	<0.0100	<0.017	0.793	0.003
SW-13	Dec-02							<0.001	34.9				0.292	<0.001
SW-13	Apr-04	0.847	<0.050	<0.001	0.018	<0.002	0.064	<0.001	32.9	<0.002	<0.010	<0.017	0.991	0.001
SW-13	Sep-05	0.143	0.0088	0.0064	0.0391	<0.0004	0.0781	<0.0008	60.7	0.0013	<0.0019	0.0053	0.36	<0.0019
SW-13	Sep-06	0.29	<0.060	<0.005	<0.200	<0.005	<0.050	<0.005	43	<0.010	<0.050	<0.025	1.3	<0.005

TABLE 16 - HISTORICAL SURFACE WATER ANALYTICAL RESULTS - METAL PARAMETERS

Sample Location	Sample Date	T-Mg (mg/l)	T-Mn (mg/l)	Hg (mg/l)	Ni (mg/l)	T-K (mg/l)	Se (mg/l)	Ag (mg/l)	T-Na (mg/l)	Tl (mg/l)	V (mg/l)	Zn (mg/l)
Sids and Guid. Values				0.00077	*		0.00046	0.0001		0.008	0.014	*
SW-3	Apr-99	5.9	0.098			1.5			15			
SW-3	Jun-99	20	0.2			2.7			37			
SW-3	Sept-99	14	0.14			2.6			23			
SW-3	Dec-99	12	0.2	<.0002	<0.01	3.1	0.071	<0.01	16	0.016	<0.01	0.026
SW-3	Apr-00	7.54	0.051	<0.0002	<0.012	1.54	<0.002	<0.010	15.1	<0.001	<0.010	<0.020
SW-3	Jun-00	11.8	0.105			1.62			19.8			
SW-3	Sep-00	14.4	0.106			2.67			22.3			
SW-3	Dec-00	6.2	0.113			2.25			14.9			
SW-3	Mar-01	8.27	0.044			1.41			18.4			
SW-3	Jun-01	6.63	0.163	<0.0002	<0.012	1.75	<0.002	<0.010	19	<0.001	<0.010	<0.020
SW-3	Sep-01	21.2	0.135			3.4			38			
SW-3	Dec-01	17.3	0.122			3.11			32.1			
SW-3	Mar-02	11.2	0.099			1.75			30.2			
SW-3	Jun-02	11.5	0.099			1.78			24.6			
SW-3	Sep-02	19.1	0.148	<0.0002	<0.012	4.32	<0.001	<0.010	36.6	<0.001	<0.010	0.029
SW-3	Dec-02	9.46	0.065	<0.0002	<0.012	4.38	<0.001	<0.010	19	<0.001	<0.010	<0.020
SW-3	Apr-04	9.2	0.118	<0.00016	<0.0023	2.11	<0.001	<0.010	22	<0.001	<0.010	<0.0058
SW-3	Sep-05	23.7	0.211			5.45	<0.0039	<0.0011	39.8	<0.0029	<0.002	
SW-5	Apr-99	11	0.063			1.6			20			
SW-5	Jun-99	20	0.16			2.7			34			
SW-5	Sept-99	14	0.17			2.7			23			
SW-5	Dec-99	13	0.22	<.0002	<0.01	3.2	0.075	<0.01	16	0.023	<0.01	<0.028
SW-5	Apr-00	7.55	0.055	<0.0002	<0.012	1.56	<0.002	<0.010	15	<0.001	<0.010	<0.020
SW-5	Jun-00	11.7	0.102			1.61			19.6			
SW-5	Sep-00	14.3	0.102			2.62			22			
SW-5	Dec-00	15.1	0.674			3.06			18.4			
SW-5	Mar-01	8.79	0.078			1.35			18.2			
SW-5	Jun-01	9.97	0.136	0.0002	<0.012	2.44	<0.002	<0.010	19.6	<0.001	<0.010	<0.020
SW-5	Sep-01	21.6	0.109			3.52			38.6			
SW-5	Dec-01	17	0.124			3.08			31.7			
SW-5	Mar-02	11.4	0.113			1.86			30.9			
SW-5	Jun-02	11.4	0.098			1.66			24.1			
SW-5	Sep-02	19.3	0.176	<0.0002	<0.012	4.41	<0.001	<0.010	37	<0.001	<0.010	0.026
SW-5	Dec-02	13.6	0.077			2.04			23.9			
SW-5	Apr-04	10.3	0.09	<0.0002	<0.012	1.82	<0.001	<0.010	23	<0.001	<0.010	<0.020
SW-5	Sep-05	22.2	0.211	<0.00016	<0.0023	4.98	<0.0039	0.0021	37.1	<0.0029	<0.002	0.0044
SW-5	Sep-06	14	0.093	<0.0002	<0.040	<5	<0.010	<0.010	25	<0.010	<0.050	<0.020

TABLE 16 - HISTORICAL SURFACE WATER ANALYTICAL RESULTS - METAL PARAMETERS

Sample Location	Sample Date	T-Mg (mg/l)	T-Mn (mg/l)	Hg (mg/l)	Ni (mg/l)	T-K (mg/l)	Se (mg/l)	Ag (mg/l)	T-Na (mg/l)	Tl (mg/l)	V (mg/l)	Zn (mg/l)
<i>Sids and Guid. Values</i>				0.00077	*		0.00046	0.0001		0.008	0.014	*
SW-8	Apr-99	11	0.065			1.6			20			
SW-8	Jun-99	20	0.14			2.7			35			
SW-8	Sept-99	14	0.15			2.6			23			
SW-8	Dec-99	13	0.28	<.0002	<0.01	<0.01	0.042	<0.01	15	<0.01	<0.01	0.033
SW-8	Apr-00	7.57	0.052	<0.0002	<0.012	1.65	<0.002	<0.010	15	<0.001	<0.010	<0.020
SW-8	Jun-00	12.6	0.127			1.68			21.1			
SW-8	Sep-00	14.8	0.098			2.61			22.5			
SW-8	Dec-00	12.3	0.243			2.33			19.3			
SW-8	Mar-01	8.44	0.044			1.2			18.2			
SW-8	Jun-01	9.61	0.092	<0.0002	<0.012	2.23	<0.002	<0.010	19.1	<0.001	<0.010	<0.020
SW-8	Sep-01	21.2	0.155			3.34			37.7			
SW-8	Dec-01	18	0.135			3.21			33			
SW-8	Mar-02	11.3	0.097			1.8			30.9			
SW-8	Jun-02	11.8	0.096			1.77			24.9			
SW-8	Sep-02	19.8	0.156	<0.0002	<0.012	4.5	<0.001	<0.010	38.1	<0.001	<0.010	0.025
SW-8	Dec-02	13.3	0.079	<0.0002	<0.012	1.91	<0.001	<0.010	23.2	<0.001	<0.010	<0.020
SW-8	Apr-04	10.5	0.096	<0.00016	<0.0023	1.95	<0.0039	0.0015	23.3	<0.0029	<0.002	0.0345
SW-8	Sep-05	22	0.191	<0.00002	<0.040	4.92	<0.010	<0.010	37.2	<0.010	<0.050	<0.020
SW-8	Sep-06	14	0.11			<5			24			
SW-13	Apr-99	10	0.06			1.5			17			
SW-13	Jun-99	21	1			3.2			37			
SW-13	Sept-99	14	0.15			2.6			23			
SW-13	Dec-99	7.3	0.13	<.0002	<0.01	2.4	0.059	<0.01	18	0.022	<0.01	0.012
SW-13	Apr-00	7.4	0.058	<0.0002	<0.012	1.75	<0.002	<0.010	15.3	<0.001	<0.010	0.149
SW-13	Jun-00	11.4	0.098			1.65			19.4			
SW-13	Sep-00	14.3	0.095			2.51			21.8			
SW-13	Dec-00	6.44	0.111			2.18			14.9			
SW-13	Mar-01	9.2	0.123			1.22			18.4			
SW-13	Jun-01	10.1	0.103	<0.0002	<0.012	2.36	<0.002	<0.010	20	<0.001	<0.010	0.022
SW-13	Sep-01	21	0.134			3.43			37.6			
SW-13	Dec-01	17.1	0.123			2.98			30.9			
SW-13	Mar-02	10.2	0.09			1.6			27.1			
SW-13	Jun-02	11.7	0.094	<0.0002	<0.012	1.71	<0.001	<0.010	24.8	<0.001	<0.010	<0.020
SW-13	Sep-02	19.2	0.138			4.18			37			
SW-13	Dec-02	8.76	0.048	<0.0002	<0.012	1.86	<0.001	<0.010	18.5	<0.001	<0.010	<0.020
SW-13	Apr-04	9.7	0.092	<0.0002	<0.012	2.02	<0.001	<0.010	22.3	<0.001	<0.010	<0.020
SW-13	Sep-05	22.7	0.216	<0.00016	<0.0023	5.22	<0.0039	0.0012	37.9	<0.0029	<0.002	0.006
SW-13	Sep-06	9.4	0.29	<0.0002	<0.040	<5.0	<0.050	<0.010	16	<0.010	<0.050	<0.020

TABLE 17 - HISTORICAL LEACHATE ANALYTICAL DATA

Sample Location	Sample Date	Temp (C)	ALK (mg/l)	COD (mg/l)	Cl- (mg/l)	Cond umhos/cm	Hard (mg/l)	TOC (mg/l)	pH (field) (S.U.)	Phenols (mg/l)	Eh (mV)	SO4= (mg/l)	Turbidity (NTU)	TDS (mg/l)	NH3 (mg/l)	NO3- (mg/l)	BOD5 (mg/l)	Color (units)	CN- (mg/l)	Cr+6 (mg/l)	TKN (mg/l)	Bromide (mg/l)
MH-7	Apr-99	13.1	3500	790	1900	12800	710	280	6.38	0.019	0	39	22	5000	550	0.13	58				560	29
MH-7	Jun-99	14.6	3500	200	1600	11700	870	260	7.31	0.031	<-55	44	93	4900	620	0.14	68				840	620
MH-7	Sep-99	17.2	3500	1000	1700	11800	650	320	6.59	0.022	-25	180	45	5000	610	0.11	64				660	19
MH-7	Dec-99	11.5	3500	770	1800	1200	710	240	8.45	0.026	-20	17	70	5000	720	0.17	60	0.014	<0.03		720	18
MH-7	Apr-00	12.6	3570	3330	1810	11000	758	310	6.91	0.019	-132	78	190	4820	548	0.184	130	1000	<0.01		603	2.04
MH-7	Jun-00	15	3350	1900	1770	8000	733	330	7.17	0.057	-137	55	32.2	4740	315	<0.05	77				599	<1
MH-7	Sep-00	15.5	3340	2270	1860	10480	1130	340	7.19	0.0344	-88	30	650	4670	419	<0.05	150				639	<1
MH-7	Dec-00	8.8	3080	1040	1760	10980	1820	320	6.98	0.0504	-22	63	130	4740	477	0.108	96				693	<1
MH-7	Mar-01	11.6	3620	1220	1960	10550	678	390	7.08	0.0478	-84	64	370	4380	535	0.101	68				694	17
MH-7	Jun-01	16.3	2870	1580	1640	1001	935	401	7.07	0.0487	-129	120	>1700	896	0.102	<0.1	150	2000	<0.01		881	14
MH-7	Sep-01	17.2	3810	1220	2.84	1017	868	240	7.05	0.0644	-101	55.7	109.6	4410	534	<0.1	320				597	16.6
MH-7	Dec-01	10	3100	1500	1790	10610	730	280	6.86	0.0437	-89	25.6	806	3700	589	<0.1	55				555	<1
MH-7	Mar-02	8	3330	4620	2050	9120	532	1320	7.91	0.0651	37	34.6	168	4070	519	<0.1	50				548	17.1
MH-7	Jun-02	16.7	3250	1380	582	10170	653	192	6.89	0.0677	-75	108	35	3680	523	<0.1	38				561	13.8
MH-7	Sep-02	17.1	3360	1150	793	8800	656	526	7.15	0.0602	-273	25.5	65	4580	583	0.108	71	600	0.0098	<0.01	596	14.7
MH-7	Dec-02	9.6	3260	991	1200	10100	635	550	7.18	0.0948	6.5	31.1	90	4510	580	<0.1	60				577	9.66
MH-7	Apr-04	10.8	1720	1620	1710	8890	776	196	7.21	0.014	-91	255	530	4270	492	<0.1	49	150	<0.005	<0.0025	528	12.1
MH-7	Jun-05		1990	450	1300	626	626	188		0.073		161		3310	45.6	<0.200	>42.8	500	<0.0100	<0.010	570	<1.00
MH-7	Sep-06	12.7	<5.0	1	1400	273	730	250	7.12	0.058	0	51	39.6	3700	430	3.4	42	400	<0.010	<0.20	NA	<1.0
MH-15	Apr-99	8.5	2600	670	980	7720	780	200	6.75	0.02	0	370	130	3700	390	<0.02	82				410	6
MH-15	Jun-99	16.4	1900	200	1200	9200	840	240	7.69	0.016	<-55	250	39	4200	440	0.068	84				480	8.3
MH-15	Sep-99	18.3	3000	820	840	7500	790	250	6.55	0.015	-15	180	246	3500	420	<0.02	88				360	6.1
MH-15	Dec-99	8.8	3600	780	1200	1030	750	250	8.44	0.014	125	27	108	4600	610	0.061	110	500	0.038	<0.04	630	9.6
MH-15	Apr-00	11.1	3030	1680	962	8500	719	25	6.8	0.007	-140	110	25	3510	371	<0.05	97	450	<0.01		401	<1
MH-15	Jun-00	17.4	2210	760	647	4500	613	170	7.03	0.059	-244	50	35.2	2510	163	<0.05	61				289	<1
MH-15	Sep-00	15.9	3500	1160	1210	8850	740	320	7.31	0.0835	-79	51	36	4200	437	0.342	43				548	<1
MH-15	Dec-00	3.4	3000	833	970	7770	760	320	7.26	0.0635	-17	61	37	3470	360	0.05	49				461	<1
MH-15	Mar-01	4.1	2010	498	560	4490	579	131	6.88	0.0573	-41	55	22	2120	202	0.134	35				453	3.31
MH-15	Jun-01	15.7	2830	721	912	6840	681	262	7.02	0.0394	-84	88.7	19	664	<0.100	0.408	60	300	<0.01		356	6
MH-15	Sep-01	21.9	4050	1250	1160	10290	746	810	7.71	0.043	-19	151		4980	606	<0.1	69				598	10
MH-15	Dec-01	10.6	4510	1390	1840	11800	832	1100	7.53	0.0709	-28	96.2	19.8	4900	707	2.55	64				1220	<1
MH-15	Mar-02	7.1	3850	4260	1250	9870	782	1500	7.24	0.069	-12	122	144	4020	550	<0.1	73				536	9.17
MH-15	Jun-02	28.6	3770	1040	441	6590	527	296	7.86	0.0462	-107	96.4	16.5	2800	318	<0.1	<24				341	6.04
MH-15	Sep-02	17.3	4330	1030	1090	9400	787	580	7.93	0.115	-187.3	50.8	22	5460	576	2.94	81	700	0.0188	<0.01	599	8.94
MH-15	Dec-02	8.2	2710	780	485	6470	648	450	7.3	0.0547	-85	50.9	35	2860	335	<0.1	66				375	6.7
MH-15	Apr-04	8.2	783	397	310	3390	660	98	6.94	0.009	57	50.7	11.4	1680	314	0.18	36	20	<0.005	<0.0025	179	2.9
MH-15	Sep-06	13.8	760	220	240	282	600	61	6.94	<0.010	1244	17	149	1300	93	<0.25	22	200	<0.010	<0.20	NA	<1.0

TABLE 17 - HISTORICAL LEACHATE ANALYTICAL DATA

Sample Location	Sample Date	B	T-Cd	T-Ca	T-Fe	T-Pb	T-Mg	T-Mn	T-K	T-Na	Al	Sb	As	Be	Ba	Cr	Cu	Ni	Se	Ag	Tl	Zn	Co	V	Hg
MH-7	Apr-99		<0.01	87	23	0.012	120	0.4	320	1200															
MH-7	Jun-99		<0.01	110	26	0.015	140	0.52	390	1700															
MH-7	Sep-99		<0.01	90	15	<0.01	100	0.3	410	1400															
MH-7	Dec-99	4.4	0.016	86	3.1	<0.01	110	0.34	310	1100	<0.1	<0.01	0.011	<0.01	<0.2	0.016	<0.01	0.16	<0.01	<0.01	0.019	0.032	0.033	0.012	<0.0002
MH-7	Apr-00	3.83	<0.005	109	28.5	0.008	118	0.57	359	1380	3.13	<0.05	0.005	<0.002	0.226	0.022	<0.017	0.159	<0.002	<0.01	<0.001	0.041	0.041	0.024	<0.0002
MH-7	Jun-00		<0.005	104	17.3	0.005	115	0.413	353	1350															
MH-7	Sep-00		<0.1	254	273	0.07	120	3.84	342	1250															
MH-7	Dec-00		0.059	483	615	<0.001	148	7.2	346	1240															
MH-7	Mar-01		<0.005	105	32.2	0.01	101	0.647	287	1080															
MH-7	Jun-01	3.29	0.005	188	216	0.039	113	4.03	296	1080	38	<0.050	0.059	0.002	0.991	0.097	0.199	0.238	<0.002	<0.010	<0.001	0.484	0.071	0.142	0.0004
MH-7	Sep-01		0.007	163	130	0.052	112	1.74	319	1200															
MH-7	Dec-01		<0.005	119	45.9	0.004	105	0.728	310	1230															
MH-7	Mar-02		<0.005	70.3	11.3	0.002	105	0.126	298	1190															
MH-7	Jun-02		<0.005	99.8	13.8	0.007	98.1	0.351	294	1000															
MH-7	Sep-02	3.65	<0.005	99.6	13.8	0.007	98.9	0.337	291	1120	0.381	<0.050	0.016	<0.002	0.183	0.02	<0.017	0.135	0.005	<0.010	<0.001	0.045	0.035	0.013	<0.0002
MH-7	Dec-02		<0.001	93	10.4	0.005	97.7	0.309	301	1130															
MH-7	Apr-04	2.81	<0.001	150	20.1	0.004	97.3	1.12	243	983	<0.1	<0.050	0.016	<0.002	0.12	0.011	0.023	0.134	0.01	<0.010	<0.001	0.022	0.027	0.012	<0.0002
MH-7	Jun-05	2.85	0.001	119	39	0.0108	79.9	0.656	216	42	1.24	0.0105	0.045	<0.003	0.326	0.0062	0.0032	0.0966	<0.0039	<0.0011	<0.0023	0.022	0.0272	0.0064	<0.00016
MH-7	Sep-06	3.1	<0.005	150	12	<0.005	88	4.3	400	1100	<0.200	<0.060	0.017	<0.005	<0.200	0.012	<0.025	0.089	<0.010	<0.010	<0.010	<0.020	<0.050	<0.050	<0.0002
MH-15	Apr-99		<0.01	170	15	<0.01	89	3.2	230	750															
MH-15	Jun-99		<0.01	130	13	0.033	120	1.6	350	1300															
MH-15	Sep-99		<0.01	170	15	<0.01	86	1.1	240	730															
MH-15	Dec-99	5.2	<0.01	140	3.6	<0.01	110	0.69	310	1000	<0.1	<0.01	<0.01	<0.01	0.46	0.038	<0.01	0.14	<0.01	<0.01	<0.01	0.043	0.026	0.019	<0.0002
MH-15	Apr-00	3.51	<0.005	141	13.3	0.002	89.1	1.09	263	848	<0.075	<0.05	0.015	<0.002	0.299	0.031	<0.017	0.106	<0.002	<0.01	<0.001	0.013	0.023	0.013	<0.0002
MH-15	Jun-00		<0.005	135	5.46	0.005	67.1	0.86	171	613															
MH-15	Sep-00		<0.005	134	1.79	0.012	98.4	1.22	327	1030															
MH-15	Dec-00		<0.005	157	4.71	0.01	89.3	0.948	247	785															
MH-15	Mar-01		<0.005	136	6.36	0.012	58.2	1.13	141	449															
MH-15	Jun-01	3.08	<0.005	140	6.43	0.002	80.6	1.15	219	691	0.089	<0.050	0.018	<0.002	0.272	0.023	<0.017	0.091	<0.002	<0.010	<0.001	0.021	0.016	0.011	<0.0002
MH-15	Sep-01		<0.005	109	1.34	0.014	115	0.748	387	1270															
MH-15	Dec-01		<0.005	117	2.66	<0.001	131	0.67	432	1370															
MH-15	Mar-02		<0.005	140	16.2	0.007	105	1.33	313	1160															
MH-15	Jun-02		<0.005	92.8	4.35	0.004	71.8	0.667	203	623															
MH-15	Sep-02	5.26	<0.005	129	10.2	0.009	113	1.08	353	1180	0.493	<0.050	0.028	<0.002	0.336	0.042	0.019	0.151	0.004	<0.010	<0.001	0.048	0.027	0.018	<0.0002
MH-15	Dec-02		<0.001	134	6.49	0.005	76.2	1.23	203	703															
MH-15	Apr-04	1.39	<0.001	179	52.8	0.002	51.8	2.27	94.3	318	0.151	0.05	0.033	<0.002	0.361	0.017	0.023	0.055	<0.005	<0.010	<0.001	<0.020	0.011	0.02	<0.0002
MH-15	Sep-06	0.94	<0.005	170	5.6	<0.005	41	3	76	250	0.2	<0.060	0.0082	<0.005	<0.200	<0.010	<0.025	<0.040	<0.010	<0.010	<0.010	<0.020	<0.050	<0.050	<0.0002

APPENDIX A

LABORATORY ANALYTICAL REPORT

APPENDIX A

LABORATORY ANALYTICAL REPORT



STL

ANALYTICAL REPORT

Job Number: 420-7742-1

Job Description: Orange County Landfill

For:
C & S Engineers
499 Col. Eileen Collins Blvd
Syracuse, NY 13212

Attention: Christen Craig

Renee M. Cusack

Renee Cusack
Project Manager II
rcusack@stl-inc.com
10/23/2006

Project Manager: Lynn Kuhl

Severn Trent Laboratories, Inc.

STL Newburgh 315 Fullerton Avenue, Newburgh, NY 12550
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METHOD SUMMARY

Client: C & S Engineers

Job Number: 420-7742-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds by GC/MS	STL CT	SW846 8260B	
Purge-and-Trap	STL CT		SW846 5030B
ICP Metals by 200.7	STL NEW	EPA 200.7 Rev 4.4	
Total Recoverable Metals Digestion for 200.7	STL NEW		40CFR136A 200.7 Appx C
Sample Filtration performed in the Field	STL NEW		FIELD_FLTRD
Mercury in Water by CVAA	STL NEW	EPA 245.1	
Digestion for CVAA Mercury in Waters	STL NEW		EPA 245.1
Sample Filtration performed in the Field	STL NEW		FIELD_FLTRD
Hardness by Calculation	STL NEW	SM20 2340B	
Color, Colorimetric	STL NEW	MCAWW 110.2	
Residue, Filterable, Gravimetric, Dried at 180°C (TDS)	STL NEW	MCAWW 160.1	
Alkalinity, Titration Method	STL NEW	SM18 2320B	
Anions by Ion Chromatography	STL NEW	EPA-04 300.0	
Anions by Ion Chromatography	STL NEW	EPA-04 300.0	
Cyanide (Total, Colorimetric, Automated UV)	STL NEW	MCAWW 335.3	
Distillation/Cyanide	STL NEW		Distillation
Nitrogen (Ammonia Distillation Procedure)	STL NEW	MCAWW 350.2	
Distillation/Ammonia	STL NEW		Distill/Ammonia
Chromium, Hexavalent (Colormetric)	STL NEW	SM18 3500 CR D	
Nitrogen, Total Kjeldahl (Colorimetric, Semi-Automated Block Digester, AAll)	STL NEW	MCAWW 351.2	
Nitrogen, Total Kjeldahl (Colorimetric,	STL NEW		MCAWW 351.2
Chemical Oxygen Demand, Titrimetric	STL NEW	MCAWW 410.1	
Chemical Oxygen Demand, Titrimetric, Prep	STL NEW		MCAWW 410.1
Phenolics (Total Recoverable, Colorimetric, Semi-Automated, with Distillation)	STL NEW	MCAWW 420.4	
Distillation/Phenolics	STL NEW		Distill/Phenol
Chloride by Silver Nitrate Titration	STL NEW	SM18 4500 CL B	
5 Day BOD test	STL NEW	SM20 5210B	
Total Organic Carbon/Persulfate - Ultraviolet Oxidation Method	STL NEW	SM18 5310_C	

STL Newburgh

METHOD SUMMARY

Client: C & S Engineers

Job Number: 420-7742-1

LAB REFERENCES:

STL NEW = STL Newburgh

STL CT = STL Connecticut

METHOD REFERENCES:

SM20 - "Standard Methods For The Examination Of Water And Wastewater", 20th Edition."

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

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

EPA-04 - "Methods For The Determination Of Inorganic Substances In Environmental Samples", EPA/600/R-93/100, August 1993.

EPA - US Environmental Protection Agency

SM18 - "Standard Methods For The Examination Of Water And Wastewater", 18th Edition, 1992.

SAMPLE SUMMARY

Client: C & S Engineers

Job Number: 420-7742-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
420-7742-1	MW-221S	Water	09/25/2006 1030	09/26/2006 0800
420-7742-2	MW-221D	Water	09/25/2006 1035	09/26/2006 0800
420-7742-3	MW-245S	Water	09/25/2006 1128	09/26/2006 0800
420-7742-4	MW-245D	Water	09/25/2006 1143	09/26/2006 0800
420-7742-5	MW-220	Water	09/25/2006 1210	09/26/2006 0800
420-7742-6	MW-222	Water	09/25/2006 1229	09/26/2006 0800
420-7742-7	MW-3B	Water	09/25/2006 1253	09/26/2006 0800
420-7742-8	MW-230 D	Water	09/25/2006 1515	09/26/2006 0800
420-7742-9	MW-230 S	Water	09/25/2006 1435	09/26/2006 0800
420-7742-10	MW-233 S	Water	09/25/2006 1535	09/26/2006 0800
420-7742-11	MW-233 D	Water	09/25/2006 1559	09/26/2006 0800
420-7742-12	SW - #8	Water	09/25/2006 1300	09/26/2006 0800
420-7742-13	SW - #5	Water	09/25/2006 1336	09/26/2006 0800
420-7742-14	TRIP BLANKS	Water	09/25/2006 0740	09/26/2006 0800

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Job Number: 420-7742-1

Client Sample ID: MW-221S
Lab Sample ID: 420-7742-1

Date Sampled: 09/25/2006 1030
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/04/2006 1215			
Prep Method: 5030B	Date Prepared:		10/04/2006 1215			
Chloroform	5.0	U	ug/L	0.70	5.0	1.0
1,1,1-Trichloroethane	5.0	U	ug/L	0.40	5.0	1.0
Carbon tetrachloride	5.0	U	ug/L	1.0	5.0	1.0
Benzene	5.0	U	ug/L	0.40	5.0	1.0
1,2-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Trichloroethene	5.0	U	ug/L	0.70	5.0	1.0
1,2-Dichloropropane	5.0	U	ug/L	0.90	5.0	1.0
Dibromomethane	5.0	U	ug/L	0.60	5.0	1.0
Bromodichloromethane	5.0	U	ug/L	0.40	5.0	1.0
cis-1,3-Dichloropropene	5.0	U	ug/L	0.50	5.0	1.0
4-Methyl-2-pentanone (MIBK)	10	U	ug/L	0.70	10	1.0
Toluene	1.5	J	ug/L	0.30	5.0	1.0
trans-1,3-Dichloropropene	5.0	U	ug/L	0.80	5.0	1.0
1,1,2-Trichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Tetrachloroethene	5.0	U	ug/L	0.50	5.0	1.0
2-Hexanone	10	U	ug/L	0.80	10	1.0
Dibromochloromethane	5.0	U	ug/L	0.50	5.0	1.0
1,2-Dibromoethane	5.0	U	ug/L	0.50	5.0	1.0
Chlorobenzene	5.0	U	ug/L	0.40	5.0	1.0
1,1,1,2-Tetrachloroethane	5.0	U	ug/L	0.70	5.0	1.0
Ethylbenzene	5.0	U	ug/L	1.0	5.0	1.0
Xylenes, Total	5.0	U	ug/L	1.0	5.0	1.0
Styrene	5.0	U	ug/L	0.50	5.0	1.0
Bromoform	5.0	U	ug/L	0.80	5.0	1.0
trans-1,4-Dichloro-2-butene	10	U	ug/L	1.2	10	1.0
1,1,2,2-Tetrachloroethane	5.0	U	ug/L	0.40	5.0	1.0
1,2,3-Trichloropropane	5.0	U	ug/L	1.1	5.0	1.0
1,4-Dichlorobenzene	5.0	U	ug/L	0.50	5.0	1.0
1,2-Dichlorobenzene	5.0	U	ug/L	0.60	5.0	1.0
1,2-Dibromo-3-Chloropropane	5.0	U	ug/L	0.70	5.0	1.0
Acrylonitrile	10	U	ug/L	1.6	10	1.0
Acetone	10	U	ug/L	1.4	10	1.0
Bromochloromethane	5.0	U	ug/L	0.80	5.0	1.0
Carbon disulfide	5.0	U	ug/L	0.90	5.0	1.0
Chloroethane	5.0	U	ug/L	0.80	5.0	1.0
1,1-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,1-Dichloroethene	5.0	U	ug/L	0.70	5.0	1.0
cis-1,2-Dichloroethene	5.0	U	ug/L	0.60	5.0	1.0
trans-1,2-Dichloroethene	5.0	U	ug/L	0.50	5.0	1.0
Bromomethane	5.0	U	ug/L	1.2	5.0	1.0

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Job Number: 420-7742-1

Client Sample ID: MW-221S
Lab Sample ID: 420-7742-1

Date Sampled: 09/25/2006 1030
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/04/2006 1215			
Prep Method: 5030B	Date Prepared:		10/04/2006 1215			
Chloromethane	5.0	U *	ug/L	0.50	5.0	1.0
Methylene Chloride	0.46	J B	ug/L	0.40	5.0	1.0
2-Butanone (MEK)	10	U	ug/L	1.2	10	1.0
Trichlorofluoromethane	5.0	U	ug/L	0.60	5.0	1.0
Vinyl acetate	5.0	U	ug/L	0.20	5.0	1.0
Vinyl chloride	5.0	U	ug/L	0.80	5.0	1.0
Surrogate				Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	117		%		53 - 125	
4-Bromofluorobenzene	113		%		73 - 127	
Dibromofluoromethane	120		%		54 - 137	
Toluene-d8 (Surr)	107		%		63 - 121	

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Job Number: 420-7742-1

Client Sample ID: MW-221S
Lab Sample ID: 420-7742-1

Date Sampled: 09/25/2006 1030
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: DISS-200.7 Rev 4.4			Date Analyzed:	10/13/2006	1614	
Prep Method: 200.7 Appx C			Date Prepared:	09/28/2006	1636	
Al	200	U	ug/L	200	200	1.0
Sb	60	U	ug/L	60	60	1.0
As	5.0	U	ug/L	5.0	5.0	1.0
Ba	260		ug/L	200	200	1.0
Be	5.0	U	ug/L	5.0	5.0	1.0
Cd	5.0	U	ug/L	5.0	5.0	1.0
Ca	160000		ug/L	5000	5000	1.0
Cr	10	U	ug/L	10	10	1.0
Co	50	U	ug/L	50	50	1.0
Cu	25	U	ug/L	25	25	1.0
Fe	100	U	ug/L	100	100	1.0
Pb	5.0	U	ug/L	5.0	5.0	1.0
Mg	12000		ug/L	5000	5000	1.0
Ni	40	U	ug/L	40	40	1.0
K	5000	U	ug/L	5000	5000	1.0
Se	10	U	ug/L	10	10	1.0
Ag	10	U	ug/L	10	10	1.0
Tl	10	U	ug/L	10	10	1.0
Na	8900		ug/L	5000	5000	1.0
V	50	U	ug/L	50	50	1.0
B	50	U	ug/L	50	50	1.0
Method: TOT-REC-200.7 Rev 4.4			Date Analyzed:	10/13/2006	1832	
Prep Method: 200.7 Appx C			Date Prepared:	09/28/2006	0833	
Ag	10	U	ug/L	10	10	1.0
Al	200	U	ug/L	200	200	1.0
As	5.0	U	ug/L	5.0	5.0	1.0
Ba	290		ug/L	200	200	1.0
B	50	U	ug/L	50	50	1.0
Be	5.0	U	ug/L	5.0	5.0	1.0
Ca	160000		ug/L	5000	5000	1.0
Cd	5.0	U	ug/L	5.0	5.0	1.0
Co	50	U	ug/L	50	50	1.0
Cr	10	U	ug/L	10	10	1.0
Cu	25	U	ug/L	25	25	1.0
Fe	110		ug/L	100	100	1.0
K	5000	U	ug/L	5000	5000	1.0
Mg	12000		ug/L	5000	5000	1.0
Na	9700		ug/L	5000	5000	1.0
Ni	40	U	ug/L	40	40	1.0

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Job Number: 420-7742-1

Client Sample ID: MW-221S
Lab Sample ID: 420-7742-1

Date Sampled: 09/25/2006 1030
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: TOT-REC-200.7 Rev 4.4	Date Analyzed:		10/13/2006 1832			
Prep Method: 200.7 Appx C	Date Prepared:		09/28/2006 0833			
Pb	5.0	U	ug/L	5.0	5.0	1.0
Mn	32		ug/L	15	15	1.0
Sb	60	U	ug/L	60	60	1.0
Se	10	U	ug/L	10	10	1.0
V	50	U	ug/L	50	50	1.0
TI	10	U	ug/L	10	10	1.0
Zn	20	U	ug/L	20	20	1.0
Method: DISS-200.7 Rev 4.4	Date Analyzed:		10/17/2006 1736			
Prep Method: 200.7 Appx C	Date Prepared:		09/28/2006 1636			
Zn	20	U	ug/L	20	20	1.0
Mn	47		ug/L	15	15	1.0
Method: 245.1	Date Analyzed:		10/02/2006 1316			
Prep Method: 245.1	Date Prepared:		09/29/2006 1400			
Hg	0.20	U	ug/L	0.20	0.20	1.0
Method: DISS-245.1	Date Analyzed:		10/04/2006 1431			
Prep Method: 245.1	Date Prepared:		10/04/2006 1015			
Hg	0.20	U	ug/L	0.20	0.20	1.0
Method: 2340B	Date Analyzed:		10/13/2006 1831			
Hardness as calcium carbonate	440		mg/L	2.5	2.5	1.0
Method: 110.2	Date Analyzed:		09/27/2006 1033			
Color	100	H	Color Units	25	25	10
Method: 160.1	Date Analyzed:		09/29/2006 1330			
Total Dissolved Solids	500		mg/L	5.0	5.0	1.0
Method: 2320B	Date Analyzed:		09/26/2006 1236			
Alkalinity	410		mg/L	5.0	5.0	1.0

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Job Number: 420-7742-1

Client Sample ID: MW-221S
Lab Sample ID: 420-7742-1

Date Sampled: 09/25/2006 1030
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 300.0	Date Analyzed:	09/26/2006 1738			
Bromide	1.0 U	mg/L	1.0	1.0	1.0
Sulfate	22	mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:	09/26/2006 1738			
Nitrogen, Nitrate	0.49	mg/L	0.25	0.25	1.0
Method: 335.3	Date Analyzed:	10/05/2006 0853			
Prep Method: Distillation	Date Prepared:	09/29/2006 0600			
Cyanide, Total	0.010 U	mg/L	0.010	0.010	1.0
Method: 350.2	Date Analyzed:	09/28/2006 1444			
Prep Method: Distill/Ammonia	Date Prepared:	09/28/2006 1432			
Ammonia	1.0 U	mg/L	1.0	1.0	1.0
Method: 3500 CR D	Date Analyzed:	09/26/2006 0845			
Cr (VI)	0.010 U	mg/L	0.010	0.010	1.0
Method: 351.2	Date Analyzed:	10/04/2006 1204			
Prep Method: 351.2	Date Prepared:	10/03/2006 1116			
TKN	1.0 U	mg/L	1.0	1.0	1.0
Method: 410.1	Date Analyzed:	09/28/2006 1830			
Prep Method: 410.1	Date Prepared:	09/28/2006 0830			
Chemical Oxygen Demand	10	mg/L	10	10	1.0
Method: 420.4	Date Analyzed:	10/04/2006 1358			
Prep Method: Distill/Phenol	Date Prepared:	09/29/2006 1122			
Phenolics, Total Recoverable	0.010 U *	mg/L	0.010	0.010	1.0
Method: 4500 CL B	Date Analyzed:	09/26/2006 1335			
Chloride	9.6	mg/L	5.0	5.0	1.0

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Job Number: 420-7742-1

Client Sample ID: MW-221S
Lab Sample ID: 420-7742-1

Date Sampled: 09/25/2006 1030
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 5210B	Date Analyzed:	09/26/2006 1805			
Biochemical Oxygen Demand	4.0 U	mg/L	4.0	4.0	2.0
Method: 5310_C	Date Analyzed:	10/03/2006 0954			
Total Organic Carbon	2.3	mg/L	1.0	1.0	1.0

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Job Number: 420-7742-1

Client Sample ID: MW-221D
Lab Sample ID: 420-7742-2

Date Sampled: 09/25/2006 1035
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/04/2006 1242			
Prep Method: 5030B	Date Prepared:		10/04/2006 1242			
Chloroform	5.0	U	ug/L	0.70	5.0	1.0
1,1,1-Trichloroethane	5.0	U	ug/L	0.40	5.0	1.0
Carbon tetrachloride	5.0	U	ug/L	1.0	5.0	1.0
Benzene	5.0	U	ug/L	0.40	5.0	1.0
1,2-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Trichloroethene	5.0	U	ug/L	0.70	5.0	1.0
1,2-Dichloropropane	5.0	U	ug/L	0.90	5.0	1.0
Dibromomethane	5.0	U	ug/L	0.60	5.0	1.0
Bromodichloromethane	5.0	U	ug/L	0.40	5.0	1.0
cis-1,3-Dichloropropene	5.0	U	ug/L	0.50	5.0	1.0
4-Methyl-2-pentanone (MIBK)	10	U	ug/L	0.70	10	1.0
Toluene	5.0	U	ug/L	0.30	5.0	1.0
trans-1,3-Dichloropropene	5.0	U	ug/L	0.80	5.0	1.0
1,1,2-Trichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Tetrachloroethene	5.0	U	ug/L	0.50	5.0	1.0
2-Hexanone	10	U	ug/L	0.80	10	1.0
Dibromochloromethane	5.0	U	ug/L	0.50	5.0	1.0
1,2-Dibromoethane	5.0	U	ug/L	0.50	5.0	1.0
Chlorobenzene	5.0	U	ug/L	0.40	5.0	1.0
1,1,1,2-Tetrachloroethane	5.0	U	ug/L	0.70	5.0	1.0
Ethylbenzene	5.0	U	ug/L	1.0	5.0	1.0
Xylenes, Total	5.0	U	ug/L	1.0	5.0	1.0
Styrene	5.0	U	ug/L	0.50	5.0	1.0
Bromoform	5.0	U	ug/L	0.80	5.0	1.0
trans-1,4-Dichloro-2-butene	10	U	ug/L	1.2	10	1.0
1,1,2,2-Tetrachloroethane	5.0	U	ug/L	0.40	5.0	1.0
1,2,3-Trichloropropane	5.0	U	ug/L	1.1	5.0	1.0
1,4-Dichlorobenzene	5.0	U	ug/L	0.50	5.0	1.0
1,2-Dichlorobenzene	5.0	U	ug/L	0.60	5.0	1.0
1,2-Dibromo-3-Chloropropane	5.0	U	ug/L	0.70	5.0	1.0
Acrylonitrile	10	U	ug/L	1.6	10	1.0
Acetone	10	U	ug/L	1.4	10	1.0
Bromochloromethane	5.0	U	ug/L	0.80	5.0	1.0
Carbon disulfide	0.91	J	ug/L	0.90	5.0	1.0
Chloroethane	5.0	U	ug/L	0.80	5.0	1.0
1,1-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,1-Dichloroethene	5.0	U	ug/L	0.70	5.0	1.0
cis-1,2-Dichloroethene	5.0	U	ug/L	0.60	5.0	1.0
trans-1,2-Dichloroethene	5.0	U	ug/L	0.50	5.0	1.0
Bromomethane	5.0	U	ug/L	1.2	5.0	1.0

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Job Number: 420-7742-1

Client Sample ID: MW-221D
Lab Sample ID: 420-7742-2

Date Sampled: 09/25/2006 1035
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/04/2006 1242			
Prep Method: 5030B	Date Prepared:		10/04/2006 1242			
Chloromethane	5.0	U *	ug/L	0.50	5.0	1.0
Methylene Chloride	0.47	J B	ug/L	0.40	5.0	1.0
2-Butanone (MEK)	10	U	ug/L	1.2	10	1.0
Trichlorofluoromethane	5.0	U	ug/L	0.60	5.0	1.0
Vinyl acetate	5.0	U	ug/L	0.20	5.0	1.0
Vinyl chloride	5.0	U	ug/L	0.80	5.0	1.0
Surrogate				Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	117		%		53 - 125	
4-Bromofluorobenzene	109		%		73 - 127	
Dibromofluoromethane	121		%		54 - 137	
Toluene-d8 (Surr)	107		%		63 - 121	

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Job Number: 420-7742-1

Client Sample ID: MW-221D
Lab Sample ID: 420-7742-2

Date Sampled: 09/25/2006 1035
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: DISS-200.7 Rev 4.4		Date Analyzed: 10/13/2006 1635				
Prep Method: 200.7 Appx C		Date Prepared: 09/28/2006 1636				
Al	200	U	ug/L	200	200	1.0
Sb	60	U	ug/L	60	60	1.0
As	5.0	U	ug/L	5.0	5.0	1.0
Ba	200	U	ug/L	200	200	1.0
Be	5.0	U	ug/L	5.0	5.0	1.0
Cd	5.0	U	ug/L	5.0	5.0	1.0
Ca	45000		ug/L	5000	5000	1.0
Cr	10	U	ug/L	10	10	1.0
Co	50	U	ug/L	50	50	1.0
Cu	25	U	ug/L	25	25	1.0
Fe	160		ug/L	100	100	1.0
Pb	5.0	U	ug/L	5.0	5.0	1.0
Mg	18000		ug/L	5000	5000	1.0
Mn	43		ug/L	15	15	1.0
Ni	40	U	ug/L	40	40	1.0
K	5000	U	ug/L	5000	5000	1.0
Se	10	U	ug/L	10	10	1.0
Ag	10	U	ug/L	10	10	1.0
Tl	10	U	ug/L	10	10	1.0
Na	14000		ug/L	5000	5000	1.0
V	50	U	ug/L	50	50	1.0
Zn	20	U	ug/L	20	20	1.0
B	50	U	ug/L	50	50	1.0
Method: TOT-REC-200.7 Rev 4.4		Date Analyzed: 10/13/2006 1859				
Prep Method: 200.7 Appx C		Date Prepared: 09/28/2006 0833				
Ag	10	U	ug/L	10	10	1.0
Al	200	U	ug/L	200	200	1.0
As	5.0	U	ug/L	5.0	5.0	1.0
Ba	200	U	ug/L	200	200	1.0
B	50	U	ug/L	50	50	1.0
Be	5.0	U	ug/L	5.0	5.0	1.0
Ca	45000		ug/L	5000	5000	1.0
Cd	5.0	U	ug/L	5.0	5.0	1.0
Co	50	U	ug/L	50	50	1.0
Cr	10	U	ug/L	10	10	1.0
Cu	25	U	ug/L	25	25	1.0
Fe	260		ug/L	100	100	1.0
K	5000	U	ug/L	5000	5000	1.0
Mg	19000		ug/L	5000	5000	1.0

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Job Number: 420-7742-1

Client Sample ID: MW-221D
Lab Sample ID: 420-7742-2

Date Sampled: 09/25/2006 1035
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: TOT-REC-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
	Date Analyzed:	10/13/2006 1859			
	Date Prepared:	09/28/2006 0833			
Na	15000	ug/L	5000	5000	1.0
Ni	40 U	ug/L	40	40	1.0
Pb	5.0 U	ug/L	5.0	5.0	1.0
Mn	40	ug/L	15	15	1.0
Sb	60 U	ug/L	60	60	1.0
Se	10 U	ug/L	10	10	1.0
V	50 U	ug/L	50	50	1.0
Tl	10 U	ug/L	10	10	1.0
Zn	20 U	ug/L	20	20	1.0
Method: 245.1					
Prep Method: 245.1					
	Date Analyzed:	10/02/2006 1320			
	Date Prepared:	09/29/2006 1400			
Hg	0.20 U	ug/L	0.20	0.20	1.0
Method: DISS-245.1					
Prep Method: 245.1					
	Date Analyzed:	10/04/2006 1441			
	Date Prepared:	10/04/2006 1015			
Hg	0.20 U	ug/L	0.20	0.20	1.0
Method: 2340B					
	Date Analyzed:	10/13/2006 1831			
Hardness as calcium carbonate	190	mg/L	2.5	2.5	1.0
Method: 110.2					
	Date Analyzed:	09/27/2006 1040			
Color	100 H	Color Units	25	25	10
Method: 160.1					
	Date Analyzed:	09/29/2006 1330			
Total Dissolved Solids	240	mg/L	5.0	5.0	1.0
Method: 2320B					
	Date Analyzed:	09/26/2006 1236			
Alkalinity	130	mg/L	5.0	5.0	1.0
Method: 300.0					
	Date Analyzed:	09/26/2006 1749			
Bromide	1.0 U	mg/L	1.0	1.0	1.0

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Job Number: 420-7742-1

Client Sample ID: MW-221D
Lab Sample ID: 420-7742-2

Date Sampled: 09/25/2006 1035
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 300.0	Date Analyzed:	09/26/2006 1749			
Sulfate	18	mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:	09/26/2006 1749			
Nitrogen, Nitrate	0.25 U	mg/L	0.25	0.25	1.0
Method: 335.3 Prep Method: Distillation	Date Analyzed: 10/05/2006 0854 Date Prepared: 09/29/2006 0600				
Cyanide, Total	0.010 U	mg/L	0.010	0.010	1.0
Method: 350.2 Prep Method: Distill/Ammonia	Date Analyzed: 09/28/2006 1444 Date Prepared: 09/28/2006 1432				
Ammonia	1.0 U	mg/L	1.0	1.0	1.0
Method: 3500 CR D	Date Analyzed:	09/26/2006 0845			
Cr (VI)	0.010 U	mg/L	0.010	0.010	1.0
Method: 351.2 Prep Method: 351.2	Date Analyzed: 10/04/2006 1205 Date Prepared: 10/03/2006 1116				
TKN	1.0 U	mg/L	1.0	1.0	1.0
Method: 410.1 Prep Method: 410.1	Date Analyzed: 09/28/2006 1830 Date Prepared: 09/28/2006 0830				
Chemical Oxygen Demand	10 U	mg/L	10	10	1.0
Method: 420.4 Prep Method: Distill/Phenol	Date Analyzed: 10/04/2006 1401 Date Prepared: 09/29/2006 1122				
Phenolics, Total Recoverable	0.010 U *	mg/L	0.010	0.010	1.0
Method: 4500 CL B	Date Analyzed:	09/26/2006 1335			
Chloride	56	mg/L	5.0	5.0	1.0
Method: 5210B	Date Analyzed:	09/26/2006 1805			

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Job Number: 420-7742-1

Client Sample ID: MW-221D
Lab Sample ID: 420-7742-2

Date Sampled: 09/25/2006 1035
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 5210B	Date Analyzed:	09/26/2006 1805			
Biochemical Oxygen Demand	4.0 U	mg/L	4.0	4.0	2.0
Method: 5310_C	Date Analyzed:	10/03/2006 0954			
Total Organic Carbon	1.0 U	mg/L	1.0	1.0	1.0

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Job Number: 420-7742-1

Client Sample ID: MW-245S
Lab Sample ID: 420-7742-3

Date Sampled: 09/25/2006 1128
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/04/2006 1309			
Prep Method: 5030B	Date Prepared:		10/04/2006 1309			
Chloroform	5.0	U	ug/L	0.70	5.0	1.0
1,1,1-Trichloroethane	5.0	U	ug/L	0.40	5.0	1.0
Carbon tetrachloride	5.0	U	ug/L	1.0	5.0	1.0
Benzene	5.0	U	ug/L	0.40	5.0	1.0
1,2-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Trichloroethene	5.0	U	ug/L	0.70	5.0	1.0
1,2-Dichloropropane	5.0	U	ug/L	0.90	5.0	1.0
Dibromomethane	5.0	U	ug/L	0.60	5.0	1.0
Bromodichloromethane	5.0	U	ug/L	0.40	5.0	1.0
cis-1,3-Dichloropropene	5.0	U	ug/L	0.50	5.0	1.0
4-Methyl-2-pentanone (MIBK)	10	U	ug/L	0.70	10	1.0
Toluene	5.0	U	ug/L	0.30	5.0	1.0
trans-1,3-Dichloropropene	5.0	U	ug/L	0.80	5.0	1.0
1,1,2-Trichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Tetrachloroethene	5.0	U	ug/L	0.50	5.0	1.0
2-Hexanone	10	U	ug/L	0.80	10	1.0
Dibromochloromethane	5.0	U	ug/L	0.50	5.0	1.0
1,2-Dibromoethane	5.0	U	ug/L	0.50	5.0	1.0
Chlorobenzene	5.0	U	ug/L	0.40	5.0	1.0
1,1,1,2-Tetrachloroethane	5.0	U	ug/L	0.70	5.0	1.0
Ethylbenzene	5.0	U	ug/L	1.0	5.0	1.0
Xylenes, Total	5.0	U	ug/L	1.0	5.0	1.0
Styrene	5.0	U	ug/L	0.50	5.0	1.0
Bromoform	5.0	U	ug/L	0.80	5.0	1.0
trans-1,4-Dichloro-2-butene	10	U	ug/L	1.2	10	1.0
1,1,2,2-Tetrachloroethane	5.0	U	ug/L	0.40	5.0	1.0
1,2,3-Trichloropropane	5.0	U	ug/L	1.1	5.0	1.0
1,4-Dichlorobenzene	5.0	U	ug/L	0.50	5.0	1.0
1,2-Dichlorobenzene	5.0	U	ug/L	0.60	5.0	1.0
1,2-Dibromo-3-Chloropropane	5.0	U	ug/L	0.70	5.0	1.0
Acrylonitrile	10	U	ug/L	1.6	10	1.0
Acetone	10	U	ug/L	1.4	10	1.0
Bromochloromethane	5.0	U	ug/L	0.80	5.0	1.0
Carbon disulfide	5.0	U	ug/L	0.90	5.0	1.0
Chloroethane	5.0	U	ug/L	0.80	5.0	1.0
1,1-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,1-Dichloroethene	5.0	U	ug/L	0.70	5.0	1.0
cis-1,2-Dichloroethene	5.0	U	ug/L	0.60	5.0	1.0
trans-1,2-Dichloroethene	5.0	U	ug/L	0.50	5.0	1.0
Bromomethane	5.0	U	ug/L	1.2	5.0	1.0

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Job Number: 420-7742-1

Client Sample ID: MW-245S
Lab Sample ID: 420-7742-3

Date Sampled: 09/25/2006 1128
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/04/2006 1309			
Prep Method: 5030B	Date Prepared:		10/04/2006 1309			
Chloromethane	5.0	U *	ug/L	0.50	5.0	1.0
Methylene Chloride	0.46	J B	ug/L	0.40	5.0	1.0
2-Butanone (MEK)	10	U	ug/L	1.2	10	1.0
Trichlorofluoromethane	5.0	U	ug/L	0.60	5.0	1.0
Vinyl acetate	5.0	U	ug/L	0.20	5.0	1.0
Vinyl chloride	5.0	U	ug/L	0.80	5.0	1.0
Surrogate				Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	114		%		53 - 125	
4-Bromofluorobenzene	113		%		73 - 127	
Dibromofluoromethane	118		%		54 - 137	
Toluene-d8 (Surr)	107		%		63 - 121	

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Job Number: 420-7742-1

Client Sample ID: MW-245S
Lab Sample ID: 420-7742-3

Date Sampled: 09/25/2006 1128
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: TOT-REC-200.7 Rev 4.4		Date Analyzed: 10/12/2006 2201			
Prep Method: 200.7 Appx C		Date Prepared: 09/28/2006 0830			
Ag	10 U *	ug/L	10	10	1.0
Al	50000	ug/L	200	200	1.0
As	32	ug/L	5.0	5.0	1.0
Be	5.0 U	ug/L	5.0	5.0	1.0
Ca	230000	ug/L	5000	5000	1.0
Cd	5.0 U	ug/L	5.0	5.0	1.0
Co	50 U	ug/L	50	50	1.0
Cr	74	ug/L	10	10	1.0
Cu	140	ug/L	25	25	1.0
Fe	100000	ug/L	100	100	1.0
Mg	67000	ug/L	5000	5000	1.0
Na	17000 V	ug/L	5000	5000	1.0
Pb	49	ug/L	5.0	5.0	1.0
Sb	60 U	ug/L	60	60	1.0
Se	10 U	ug/L	10	10	1.0
Tl	10 U	ug/L	10	10	1.0
Method: DISS-200.7 Rev 4.4		Date Analyzed: 10/13/2006 1904			
Prep Method: 200.7 Appx C		Date Prepared: 09/28/2006 0833			
Al	7500	ug/L	200	200	1.0
Sb	60 U	ug/L	60	60	1.0
As	8.2	ug/L	5.0	5.0	1.0
Ba	200 U	ug/L	200	200	1.0
Be	5.0 U	ug/L	5.0	5.0	1.0
Cd	5.0 U	ug/L	5.0	5.0	1.0
Ca	140000	ug/L	5000	5000	1.0
Cr	12	ug/L	10	10	1.0
Co	50 U	ug/L	50	50	1.0
Cu	25 U	ug/L	25	25	1.0
Fe	11000	ug/L	100	100	1.0
Pb	5.0 U	ug/L	5.0	5.0	1.0
Mg	34000	ug/L	5000	5000	1.0
Mn	1500	ug/L	15	15	1.0
Ni	40 U	ug/L	40	40	1.0
K	5100	ug/L	5000	5000	1.0
Se	10 U	ug/L	10	10	1.0
Ag	10 U	ug/L	10	10	1.0
Tl	10 U	ug/L	10	10	1.0
Na	15000	ug/L	5000	5000	1.0
V	50 U	ug/L	50	50	1.0

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Job Number: 420-7742-1

Client Sample ID: MW-245S
Lab Sample ID: 420-7742-3

Date Sampled: 09/25/2006 1128
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: DISS-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
Zn	63	ug/L	20	20	1.0
B	50 U	ug/L	50	50	1.0
Method: TOT-REC-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
K	14000	ug/L	10000	10000	2.0
Method: TOT-REC-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
Ba	350	ug/L	200	200	1.0
B	56	ug/L	50	50	1.0
Ni	89	ug/L	40	40	1.0
Mn	4200	ug/L	15	15	1.0
V	82	ug/L	50	50	1.0
Zn	290	ug/L	20	20	1.0
Method: 245.1					
Prep Method: 245.1					
Hg	0.20 U	ug/L	0.20	0.20	1.0
Method: DISS-245.1					
Prep Method: 245.1					
Hg	0.20 U	ug/L	0.20	0.20	1.0
Method: 2340B					
Hardness as calcium carbonate	850	mg/L	2.5	2.5	1.0
Method: 110.2					
Color	130	Color Units	25	25	10
Method: 160.1					
Total Dissolved Solids	620	mg/L	5.0	5.0	1.0

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Job Number: 420-7742-1

Client Sample ID: MW-245S
Lab Sample ID: 420-7742-3

Date Sampled: 09/25/2006 1128
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 2320B	Date Analyzed:	09/26/2006 1236			
Alkalinity	250	mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:	09/26/2006 1759			
Bromide	1.0 U	mg/L	1.0	1.0	1.0
Method: 300.0	Date Analyzed:	09/27/2006 0938			
Sulfate	170	mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:	09/26/2006 1759			
Nitrogen, Nitrate	0.25 U	mg/L	0.25	0.25	1.0
Method: 335.3 Prep Method: Distillation	Date Analyzed: Date Prepared:	10/05/2006 0855 09/29/2006 0600			
Cyanide, Total	0.010 U	mg/L	0.010	0.010	1.0
Method: 350.2 Prep Method: Distill/Ammonia	Date Analyzed: Date Prepared:	09/28/2006 1444 09/28/2006 1432			
Ammonia	1.0 U	mg/L	1.0	1.0	1.0
Method: 3500 CR D	Date Analyzed:	09/26/2006 0845			
Cr (VI)	0.010 U	mg/L	0.010	0.010	1.0
Method: 351.2 Prep Method: 351.2	Date Analyzed: Date Prepared:	10/04/2006 1206 10/03/2006 1116			
TKN	1.0 U	mg/L	1.0	1.0	1.0
Method: 410.1 Prep Method: 410.1	Date Analyzed: Date Prepared:	09/28/2006 1830 09/28/2006 0830			
Chemical Oxygen Demand	37	mg/L	10	10	1.0
Method: 420.4 Prep Method: Distill/Phenol	Date Analyzed: Date Prepared:	10/04/2006 1402 09/29/2006 1122			

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Job Number: 420-7742-1

Client Sample ID: MW-245S
Lab Sample ID: 420-7742-3

Date Sampled: 09/25/2006 1128
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 420.4	Date Analyzed:	10/04/2006 1402			
Prep Method: Distill/Phenol	Date Prepared:	09/29/2006 1122			
Phenolics, Total Recoverable	0.010 U *	mg/L	0.010	0.010	1.0
Method: 4500 CL B	Date Analyzed:	09/26/2006 1335			
Chloride	29	mg/L	5.0	5.0	1.0
Method: 5210B	Date Analyzed:	09/26/2006 1805			
Biochemical Oxygen Demand	4.0 U	mg/L	4.0	4.0	2.0
Method: 5310_C	Date Analyzed:	10/03/2006 0954			
Total Organic Carbon	1.6	mg/L	1.0	1.0	1.0

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Job Number: 420-7742-1

Client Sample ID: MW-245D
Lab Sample ID: 420-7742-4

Date Sampled: 09/25/2006 1143
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B		Date Analyzed:	10/04/2006 1336			
Prep Method: 5030B		Date Prepared:	10/04/2006 1336			
Chloroform	5.0	U	ug/L	0.70	5.0	1.0
1,1,1-Trichloroethane	5.0	U	ug/L	0.40	5.0	1.0
Carbon tetrachloride	5.0	U	ug/L	1.0	5.0	1.0
Benzene	5.0	U	ug/L	0.40	5.0	1.0
1,2-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Trichloroethene	5.0	U	ug/L	0.70	5.0	1.0
1,2-Dichloropropane	5.0	U	ug/L	0.90	5.0	1.0
Dibromomethane	5.0	U	ug/L	0.60	5.0	1.0
Bromodichloromethane	5.0	U	ug/L	0.40	5.0	1.0
cis-1,3-Dichloropropene	5.0	U	ug/L	0.50	5.0	1.0
4-Methyl-2-pentanone (MIBK)	10	U	ug/L	0.70	10	1.0
Toluene	5.0	U	ug/L	0.30	5.0	1.0
trans-1,3-Dichloropropene	5.0	U	ug/L	0.80	5.0	1.0
1,1,2-Trichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Tetrachloroethene	5.0	U	ug/L	0.50	5.0	1.0
2-Hexanone	10	U	ug/L	0.80	10	1.0
Dibromochloromethane	5.0	U	ug/L	0.50	5.0	1.0
1,2-Dibromoethane	5.0	U	ug/L	0.50	5.0	1.0
Chlorobenzene	5.0	U	ug/L	0.40	5.0	1.0
1,1,1,2-Tetrachloroethane	5.0	U	ug/L	0.70	5.0	1.0
Ethylbenzene	5.0	U	ug/L	1.0	5.0	1.0
Xylenes, Total	5.0	U	ug/L	1.0	5.0	1.0
Styrene	5.0	U	ug/L	0.50	5.0	1.0
Bromoform	5.0	U	ug/L	0.80	5.0	1.0
trans-1,4-Dichloro-2-butene	10	U	ug/L	1.2	10	1.0
1,1,2,2-Tetrachloroethane	5.0	U	ug/L	0.40	5.0	1.0
1,2,3-Trichloropropane	5.0	U	ug/L	1.1	5.0	1.0
1,4-Dichlorobenzene	5.0	U	ug/L	0.50	5.0	1.0
1,2-Dichlorobenzene	5.0	U	ug/L	0.60	5.0	1.0
1,2-Dibromo-3-Chloropropane	5.0	U	ug/L	0.70	5.0	1.0
Acrylonitrile	10	U	ug/L	1.6	10	1.0
Acetone	10	U	ug/L	1.4	10	1.0
Bromochloromethane	5.0	U	ug/L	0.80	5.0	1.0
Carbon disulfide	5.0	U	ug/L	0.90	5.0	1.0
Chloroethane	5.0	U	ug/L	0.80	5.0	1.0
1,1-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,1-Dichloroethene	5.0	U	ug/L	0.70	5.0	1.0
cis-1,2-Dichloroethene	5.0	U	ug/L	0.60	5.0	1.0
trans-1,2-Dichloroethene	5.0	U	ug/L	0.50	5.0	1.0
Bromomethane	5.0	U	ug/L	1.2	5.0	1.0

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Job Number: 420-7742-1

Client Sample ID: MW-245D
Lab Sample ID: 420-7742-4

Date Sampled: 09/25/2006 1143
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/04/2006 1336			
Prep Method: 5030B	Date Prepared:		10/04/2006 1336			
Chloromethane	5.0	U *	ug/L	0.50	5.0	1.0
Methylene Chloride	0.49	J B	ug/L	0.40	5.0	1.0
2-Butanone (MEK)	10	U	ug/L	1.2	10	1.0
Trichlorofluoromethane	5.0	U	ug/L	0.60	5.0	1.0
Vinyl acetate	5.0	U	ug/L	0.20	5.0	1.0
Vinyl chloride	5.0	U	ug/L	0.80	5.0	1.0
Surrogate				Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	117		%		53 - 125	
4-Bromofluorobenzene	113		%		73 - 127	
Dibromofluoromethane	121		%		54 - 137	
Toluene-d8 (Surr)	107		%		63 - 121	

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Job Number: 420-7742-1

Client Sample ID: MW-245D
Lab Sample ID: 420-7742-4

Date Sampled: 09/25/2006 1143
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: DISS-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
	Date Analyzed:	10/12/2006 2206			
	Date Prepared:	09/28/2006 0830			
Al	1500	ug/L	200	200	1.0
Sb	60 U	ug/L	60	60	1.0
As	5.0 U	ug/L	5.0	5.0	1.0
Ba	200 U	ug/L	200	200	1.0
Be	5.0 U	ug/L	5.0	5.0	1.0
Cd	5.0 U	ug/L	5.0	5.0	1.0
Ca	44000	ug/L	5000	5000	1.0
Cr	10 U	ug/L	10	10	1.0
Co	50 U	ug/L	50	50	1.0
Cu	25 U	ug/L	25	25	1.0
Fe	1700	ug/L	100	100	1.0
Pb	5.0 U	ug/L	5.0	5.0	1.0
Mg	5000 U	ug/L	5000	5000	1.0
Ni	40 U	ug/L	40	40	1.0
K	5000 U	ug/L	5000	5000	1.0
Se	10 U	ug/L	10	10	1.0
Ag	10 U *	ug/L	10	10	1.0
Tl	10 U	ug/L	10	10	1.0
Na	5000 U V	ug/L	5000	5000	1.0
V	50 U	ug/L	50	50	1.0
B	50 U	ug/L	50	50	1.0
Method: TOT-REC-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
	Date Analyzed:	10/13/2006 1910			
	Date Prepared:	09/28/2006 0833			
Ag	10 U	ug/L	10	10	1.0
Al	22000	ug/L	200	200	1.0
As	5.0 U	ug/L	5.0	5.0	1.0
Ba	200 U	ug/L	200	200	1.0
B	50 U	ug/L	50	50	1.0
Be	5.0 U	ug/L	5.0	5.0	1.0
Ca	45000	ug/L	5000	5000	1.0
Cd	5.0 U	ug/L	5.0	5.0	1.0
Co	50 U	ug/L	50	50	1.0
Cr	91	ug/L	10	10	1.0
Cu	31	ug/L	25	25	1.0
Fe	27000	ug/L	100	100	1.0
K	6900	ug/L	5000	5000	1.0
Mg	10000	ug/L	5000	5000	1.0
Na	5000 U	ug/L	5000	5000	1.0
Ni	65	ug/L	40	40	1.0

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Job Number: 420-7742-1

Client Sample ID: MW-245D
Lab Sample ID: 420-7742-4

Date Sampled: 09/25/2006 1143
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: TOT-REC-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
Pb	13	ug/L	5.0	5.0	1.0
Mn	360	ug/L	15	15	1.0
Sb	60 U	ug/L	60	60	1.0
Se	10 U	ug/L	10	10	1.0
V	50 U	ug/L	50	50	1.0
Tl	10 U	ug/L	10	10	1.0
Zn	120	ug/L	20	20	1.0
Method: DISS-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
Mn	29	ug/L	15	15	1.0
Zn	44	ug/L	20	20	1.0
Method: 245.1					
Prep Method: 245.1					
Hg	0.20 U	ug/L	0.20	0.20	1.0
Method: DISS-245.1					
Prep Method: 245.1					
Hg	0.20 U	ug/L	0.20	0.20	1.0
Method: 2340B					
Date Analyzed: 10/13/2006 1831					
Hardness as calcium carbonate	150	mg/L	2.5	2.5	1.0
Method: 110.2					
Date Analyzed: 09/27/2006 1051					
Color	150	Color Units	25	25	10
Method: 160.1					
Date Analyzed: 09/29/2006 1330					
Total Dissolved Solids	160	mg/L	5.0	5.0	1.0
Method: 2320B					
Date Analyzed: 09/26/2006 1236					
Alkalinity	120	mg/L	5.0	5.0	1.0

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Job Number: 420-7742-1

Client Sample ID: MW-245D
Lab Sample ID: 420-7742-4

Date Sampled: 09/25/2006 1143
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 300.0	Date Analyzed:	09/26/2006 1832			
Bromide	1.0 U	mg/L	1.0	1.0	1.0
Sulfate	5.7	mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:	09/26/2006 1832			
Nitrogen, Nitrate	0.25 U	mg/L	0.25	0.25	1.0
Method: 335.3	Date Analyzed:	10/05/2006 0856			
Prep Method: Distillation	Date Prepared:	09/29/2006 0600			
Cyanide, Total	0.010 U	mg/L	0.010	0.010	1.0
Method: 350.2	Date Analyzed:	09/28/2006 1444			
Prep Method: Distill/Ammonia	Date Prepared:	09/28/2006 1432			
Ammonia	1.0 U	mg/L	1.0	1.0	1.0
Method: 3500 CR D	Date Analyzed:	09/26/2006 0845			
Cr (VI)	0.010	mg/L	0.010	0.010	1.0
Method: 351.2	Date Analyzed:	10/04/2006 1207			
Prep Method: 351.2	Date Prepared:	10/03/2006 1116			
TKN	1.0 U	mg/L	1.0	1.0	1.0
Method: 410.1	Date Analyzed:	09/28/2006 1830			
Prep Method: 410.1	Date Prepared:	09/28/2006 0830			
Chemical Oxygen Demand	43	mg/L	10	10	1.0
Method: 420.4	Date Analyzed:	10/04/2006 1404			
Prep Method: Distill/Phenol	Date Prepared:	09/29/2006 1122			
Phenolics, Total Recoverable	0.010 U *	mg/L	0.010	0.010	1.0
Method: 4500 CL B	Date Analyzed:	09/26/2006 1335			
Chloride	11	mg/L	5.0	5.0	1.0

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Job Number: 420-7742-1

Client Sample ID: MW-245D
Lab Sample ID: 420-7742-4

Date Sampled: 09/25/2006 1143
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 5210B	Date Analyzed:	09/26/2006 1805			
Biochemical Oxygen Demand	4.0 U	mg/L	4.0	4.0	2.0
Method: 5310_C	Date Analyzed:	10/03/2006 0954			
Total Organic Carbon	3.8	mg/L	1.0	1.0	1.0

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Job Number: 420-7742-1

Client Sample ID: MW-220
Lab Sample ID: 420-7742-5

Date Sampled: 09/25/2006 1210
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/04/2006 1402			
Prep Method: 5030B	Date Prepared:		10/04/2006 1402			
Chloroform	5.0	U	ug/L	0.70	5.0	1.0
1,1,1-Trichloroethane	5.0	U	ug/L	0.40	5.0	1.0
Carbon tetrachloride	5.0	U	ug/L	1.0	5.0	1.0
Benzene	5.0	U	ug/L	0.40	5.0	1.0
1,2-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Trichloroethene	5.0	U	ug/L	0.70	5.0	1.0
1,2-Dichloropropane	5.0	U	ug/L	0.90	5.0	1.0
Dibromomethane	5.0	U	ug/L	0.60	5.0	1.0
Bromodichloromethane	5.0	U	ug/L	0.40	5.0	1.0
cis-1,3-Dichloropropene	5.0	U	ug/L	0.50	5.0	1.0
4-Methyl-2-pentanone (MIBK)	10	U	ug/L	0.70	10	1.0
Toluene	5.0	U	ug/L	0.30	5.0	1.0
trans-1,3-Dichloropropene	5.0	U	ug/L	0.80	5.0	1.0
1,1,2-Trichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Tetrachloroethene	5.0	U	ug/L	0.50	5.0	1.0
2-Hexanone	10	U	ug/L	0.80	10	1.0
Dibromochloromethane	5.0	U	ug/L	0.50	5.0	1.0
1,2-Dibromoethane	5.0	U	ug/L	0.50	5.0	1.0
Chlorobenzene	5.0	U	ug/L	0.40	5.0	1.0
1,1,1,2-Tetrachloroethane	5.0	U	ug/L	0.70	5.0	1.0
Ethylbenzene	5.0	U	ug/L	1.0	5.0	1.0
Xylenes, Total	5.0	U	ug/L	1.0	5.0	1.0
Styrene	5.0	U	ug/L	0.50	5.0	1.0
Bromoform	5.0	U	ug/L	0.80	5.0	1.0
trans-1,4-Dichloro-2-butene	10	U	ug/L	1.2	10	1.0
1,1,2,2-Tetrachloroethane	5.0	U	ug/L	0.40	5.0	1.0
1,2,3-Trichloropropane	5.0	U	ug/L	1.1	5.0	1.0
1,4-Dichlorobenzene	5.0	U	ug/L	0.50	5.0	1.0
1,2-Dichlorobenzene	5.0	U	ug/L	0.60	5.0	1.0
1,2-Dibromo-3-Chloropropane	5.0	U	ug/L	0.70	5.0	1.0
Acrylonitrile	10	U	ug/L	1.6	10	1.0
Acetone	10	U	ug/L	1.4	10	1.0
Bromochloromethane	5.0	U	ug/L	0.80	5.0	1.0
Carbon disulfide	5.0	U	ug/L	0.90	5.0	1.0
Chloroethane	5.0	U	ug/L	0.80	5.0	1.0
1,1-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,1-Dichloroethene	5.0	U	ug/L	0.70	5.0	1.0
cis-1,2-Dichloroethene	5.0	U	ug/L	0.60	5.0	1.0
trans-1,2-Dichloroethene	5.0	U	ug/L	0.50	5.0	1.0
Bromomethane	5.0	U	ug/L	1.2	5.0	1.0

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Job Number: 420-7742-1

Client Sample ID: MW-220
Lab Sample ID: 420-7742-5

Date Sampled: 09/25/2006 1210
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/04/2006 1402			
Prep Method: 5030B	Date Prepared:		10/04/2006 1402			
Chloromethane	5.0	U *	ug/L	0.50	5.0	1.0
Methylene Chloride	5.0	U	ug/L	0.40	5.0	1.0
2-Butanone (MEK)	10	U	ug/L	1.2	10	1.0
Trichlorofluoromethane	5.0	U	ug/L	0.60	5.0	1.0
Vinyl acetate	5.0	U	ug/L	0.20	5.0	1.0
Vinyl chloride	5.0	U	ug/L	0.80	5.0	1.0
Surrogate				Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	120		%		53 - 125	
4-Bromofluorobenzene	111		%		73 - 127	
Dibromofluoromethane	125		%		54 - 137	
Toluene-d8 (Surr)	105		%		63 - 121	

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Job Number: 420-7742-1

Client Sample ID: MW-220
Lab Sample ID: 420-7742-5

Date Sampled: 09/25/2006 1210
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: DISS-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
	Date Analyzed:	10/12/2006 2212			
	Date Prepared:	09/28/2006 0830			
Al	200 U	ug/L	200	200	1.0
Sb	60 U	ug/L	60	60	1.0
As	5.0 U	ug/L	5.0	5.0	1.0
Ba	200 U	ug/L	200	200	1.0
Be	5.0 U	ug/L	5.0	5.0	1.0
Cd	5.0 U	ug/L	5.0	5.0	1.0
Ca	220000	ug/L	5000	5000	1.0
Cr	10 U	ug/L	10	10	1.0
Co	50 U	ug/L	50	50	1.0
Cu	25 U	ug/L	25	25	1.0
Fe	610	ug/L	100	100	1.0
Pb	5.0 U	ug/L	5.0	5.0	1.0
Mg	59000	ug/L	5000	5000	1.0
Ni	40 U	ug/L	40	40	1.0
K	5000 U	ug/L	5000	5000	1.0
Se	10 U	ug/L	10	10	1.0
Ag	10 U *	ug/L	10	10	1.0
Tl	10 U	ug/L	10	10	1.0
Na	15000 V	ug/L	5000	5000	1.0
V	50 U	ug/L	50	50	1.0
Zn	20 U	ug/L	20	20	1.0
Method: TOT-REC-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
	Date Analyzed:	10/13/2006 1915			
	Date Prepared:	09/28/2006 0833			
Ag	10 U	ug/L	10	10	1.0
Al	200 U	ug/L	200	200	1.0
As	5.1	ug/L	5.0	5.0	1.0
Ba	200 U	ug/L	200	200	1.0
B	54	ug/L	50	50	1.0
Be	5.0 U	ug/L	5.0	5.0	1.0
Ca	230000	ug/L	5000	5000	1.0
Cd	5.0 U	ug/L	5.0	5.0	1.0
Co	50 U	ug/L	50	50	1.0
Cr	10 U	ug/L	10	10	1.0
Cu	25 U	ug/L	25	25	1.0
Fe	860	ug/L	100	100	1.0
K	5000 U	ug/L	5000	5000	1.0
Mg	60000	ug/L	5000	5000	1.0
Na	14000	ug/L	5000	5000	1.0
Ni	40 U	ug/L	40	40	1.0

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Job Number: 420-7742-1

Client Sample ID: MW-220
Lab Sample ID: 420-7742-5

Date Sampled: 09/25/2006 1210
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: TOT-REC-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
Pb	5.0 U	ug/L	5.0	5.0	1.0
Mn	1300	ug/L	15	15	1.0
Sb	60 U	ug/L	60	60	1.0
Se	10 U	ug/L	10	10	1.0
V	50 U	ug/L	50	50	1.0
Tl	10 U	ug/L	10	10	1.0
Zn	20 U	ug/L	20	20	1.0
Method: DISS-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
Mn	1100	ug/L	15	15	1.0
B	57	ug/L	50	50	1.0
Method: 245.1					
Prep Method: 245.1					
Hg	0.20 U	ug/L	0.20	0.20	1.0
Method: DISS-245.1					
Prep Method: 245.1					
Hg	0.20 U	ug/L	0.20	0.20	1.0
Method: 2340B					
Date Analyzed: 10/13/2006 1831					
Hardness as calcium carbonate	820	mg/L	2.5	2.5	1.0
Method: 110.2					
Date Analyzed: 09/27/2006 1053					
Color	200	Color Units	25	25	10
Method: 160.1					
Date Analyzed: 09/29/2006 1330					
Total Dissolved Solids	1100	mg/L	5.0	5.0	1.0
Method: 2320B					
Date Analyzed: 09/26/2006 1236					
Alkalinity	460	mg/L	5.0	5.0	1.0

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Job Number: 420-7742-1

Client Sample ID: MW-220
Lab Sample ID: 420-7742-5

Date Sampled: 09/25/2006 1210
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 300.0	Date Analyzed:	09/26/2006 1843			
Bromide	1.0 U	mg/L	1.0	1.0	1.0
Method: 300.0	Date Analyzed:	09/27/2006 0948			
Sulfate	310	mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:	09/26/2006 1843			
Nitrogen, Nitrate	0.25 U	mg/L	0.25	0.25	1.0
Method: 335.3	Date Analyzed:	10/05/2006 0857			
Prep Method: Distillation	Date Prepared:	09/29/2006 0600			
Cyanide, Total	0.010 U	mg/L	0.010	0.010	1.0
Method: 350.2	Date Analyzed:	09/28/2006 1444			
Prep Method: Distill/Ammonia	Date Prepared:	09/28/2006 1432			
Ammonia	1.0 U	mg/L	1.0	1.0	1.0
Method: 3500 CR D	Date Analyzed:	09/26/2006 0845			
Cr (VI)	0.010 U	mg/L	0.010	0.010	1.0
Method: 351.2	Date Analyzed:	10/04/2006 1208			
Prep Method: 351.2	Date Prepared:	10/03/2006 1116			
TKN	1.0 U	mg/L	1.0	1.0	1.0
Method: 410.1	Date Analyzed:	09/28/2006 1830			
Prep Method: 410.1	Date Prepared:	09/28/2006 0830			
Chemical Oxygen Demand	10	mg/L	10	10	1.0
Method: 420.4	Date Analyzed:	10/04/2006 1405			
Prep Method: Distill/Phenol	Date Prepared:	09/29/2006 1122			
Phenolics, Total Recoverable	0.010 U *	mg/L	0.010	0.010	1.0
Method: 4500 CL B	Date Analyzed:	09/26/2006 1335			

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Job Number: 420-7742-1

Client Sample ID: MW-220
Lab Sample ID: 420-7742-5

Date Sampled: 09/25/2006 1210
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 4500 CL B					
Date Analyzed: 09/26/2006 1335					
Chloride	17	mg/L	5.0	5.0	1.0
Method: 5210B					
Date Analyzed: 09/26/2006 1805					
Biochemical Oxygen Demand	4.0 U	mg/L	4.0	4.0	2.0
Method: 5310_C					
Date Analyzed: 10/03/2006 0954					
Total Organic Carbon	3.0	mg/L	1.0	1.0	1.0

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Job Number: 420-7742-1

Client Sample ID: MW-222
Lab Sample ID: 420-7742-6

Date Sampled: 09/25/2006 1229
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/04/2006 1832			
Prep Method: 5030B	Date Prepared:		10/04/2006 1832			
Chloroform	5.0	U	ug/L	0.70	5.0	1.0
1,1,1-Trichloroethane	5.0	U	ug/L	0.40	5.0	1.0
Carbon tetrachloride	5.0	U	ug/L	1.0	5.0	1.0
Benzene	5.0	U	ug/L	0.40	5.0	1.0
1,2-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Trichloroethene	5.0	U	ug/L	0.70	5.0	1.0
1,2-Dichloropropane	5.0	U	ug/L	0.90	5.0	1.0
Dibromomethane	5.0	U	ug/L	0.60	5.0	1.0
Bromodichloromethane	5.0	U	ug/L	0.40	5.0	1.0
cis-1,3-Dichloropropene	5.0	U	ug/L	0.50	5.0	1.0
4-Methyl-2-pentanone (MIBK)	10	U	ug/L	0.70	10	1.0
Toluene	5.0	U	ug/L	0.30	5.0	1.0
trans-1,3-Dichloropropene	5.0	U	ug/L	0.80	5.0	1.0
1,1,2-Trichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Tetrachloroethene	5.0	U	ug/L	0.50	5.0	1.0
2-Hexanone	10	U	ug/L	0.80	10	1.0
Dibromochloromethane	5.0	U	ug/L	0.50	5.0	1.0
1,2-Dibromoethane	5.0	U	ug/L	0.50	5.0	1.0
Chlorobenzene	5.0	U	ug/L	0.40	5.0	1.0
1,1,1,2-Tetrachloroethane	5.0	U	ug/L	0.70	5.0	1.0
Ethylbenzene	5.0	U	ug/L	1.0	5.0	1.0
Xylenes, Total	5.0	U	ug/L	1.0	5.0	1.0
Styrene	5.0	U	ug/L	0.50	5.0	1.0
Bromoform	5.0	U	ug/L	0.80	5.0	1.0
trans-1,4-Dichloro-2-butene	10	U	ug/L	1.2	10	1.0
1,1,2,2-Tetrachloroethane	5.0	U	ug/L	0.40	5.0	1.0
1,2,3-Trichloropropane	5.0	U	ug/L	1.1	5.0	1.0
1,4-Dichlorobenzene	5.0	U	ug/L	0.50	5.0	1.0
1,2-Dichlorobenzene	5.0	U	ug/L	0.60	5.0	1.0
1,2-Dibromo-3-Chloropropane	5.0	U	ug/L	0.70	5.0	1.0
Acrylonitrile	10	U	ug/L	1.6	10	1.0
Acetone	2.4	J	ug/L	1.4	10	1.0
Bromochloromethane	5.0	U	ug/L	0.80	5.0	1.0
Carbon disulfide	5.0	U	ug/L	0.90	5.0	1.0
Chloroethane	5.0	U	ug/L	0.80	5.0	1.0
1,1-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,1-Dichloroethene	5.0	U	ug/L	0.70	5.0	1.0
cis-1,2-Dichloroethene	5.0	U	ug/L	0.60	5.0	1.0
trans-1,2-Dichloroethene	5.0	U	ug/L	0.50	5.0	1.0
Bromomethane	5.0	U	ug/L	1.2	5.0	1.0

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Job Number: 420-7742-1

Client Sample ID: MW-222
Lab Sample ID: 420-7742-6

Date Sampled: 09/25/2006 1229
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/04/2006 1832			
Prep Method: 5030B	Date Prepared:		10/04/2006 1832			
Chloromethane	5.0	U *	ug/L	0.50	5.0	1.0
Methylene Chloride	0.58	J B	ug/L	0.40	5.0	1.0
2-Butanone (MEK)	10	U	ug/L	1.2	10	1.0
Trichlorofluoromethane	5.0	U	ug/L	0.60	5.0	1.0
Vinyl acetate	5.0	U	ug/L	0.20	5.0	1.0
Vinyl chloride	1.1	J	ug/L	0.80	5.0	1.0
Surrogate					Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	119		%		53 - 125	
4-Bromofluorobenzene	109		%		73 - 127	
Dibromofluoromethane	125		%		54 - 137	
Toluene-d8 (Surr)	106		%		63 - 121	

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Job Number: 420-7742-1

Client Sample ID: MW-222
Lab Sample ID: 420-7742-6

Date Sampled: 09/25/2006 1229
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: DISS-200.7 Rev 4.4		Date Analyzed: 10/12/2006 2244				
Prep Method: 200.7 Appx C		Date Prepared: 09/28/2006 0830				
Al	200	U	ug/L	200	200	1.0
Sb	60	U	ug/L	60	60	1.0
As	12		ug/L	5.0	5.0	1.0
Be	5.0	U	ug/L	5.0	5.0	1.0
Cd	5.0	U	ug/L	5.0	5.0	1.0
Ca	240000		ug/L	5000	5000	1.0
Cr	10	U	ug/L	10	10	1.0
Co	50	U	ug/L	50	50	1.0
Cu	25	U	ug/L	25	25	1.0
Fe	28000		ug/L	100	100	1.0
Pb	5.0	U	ug/L	5.0	5.0	1.0
Mg	60000		ug/L	5000	5000	1.0
Ni	40	U	ug/L	40	40	1.0
K	8700		ug/L	5000	5000	1.0
Se	10	U	ug/L	10	10	1.0
Ag	10	U *	ug/L	10	10	1.0
Tl	10	U	ug/L	10	10	1.0
Na	62000	V	ug/L	5000	5000	1.0
V	50	U	ug/L	50	50	1.0
Zn	20	U	ug/L	20	20	1.0
Method: TOT-REC-200.7 Rev 4.4		Date Analyzed: 10/13/2006 1920				
Prep Method: 200.7 Appx C		Date Prepared: 09/28/2006 0833				
Ag	10	U	ug/L	10	10	1.0
Al	200	U	ug/L	200	200	1.0
As	29		ug/L	5.0	5.0	1.0
Ba	540		ug/L	200	200	1.0
Be	5.0	U	ug/L	5.0	5.0	1.0
Cd	5.0	U	ug/L	5.0	5.0	1.0
Co	50	U	ug/L	50	50	1.0
Cr	10	U	ug/L	10	10	1.0
Cu	25	U	ug/L	25	25	1.0
Fe	41000		ug/L	100	100	1.0
K	9500		ug/L	5000	5000	1.0
Mg	58000		ug/L	5000	5000	1.0
Na	57000		ug/L	5000	5000	1.0
Ni	40	U	ug/L	40	40	1.0
Pb	5.0	U	ug/L	5.0	5.0	1.0
Mn	500		ug/L	15	15	1.0
Sb	60	U	ug/L	60	60	1.0

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Job Number: 420-7742-1

Client Sample ID: MW-222
Lab Sample ID: 420-7742-6

Date Sampled: 09/25/2006 1229
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: TOT-REC-200.7 Rev 4.4 Prep Method: 200.7 Appx C					
Date Analyzed:		10/13/2006 1920			
Date Prepared:		09/28/2006 0833			
Se	10 U	ug/L	10	10	1.0
Method: TOT-REC-200.7 Rev 4.4 Prep Method: 200.7 Appx C					
Date Analyzed:		10/13/2006 1921			
Date Prepared:		09/28/2006 0833			
B	180	ug/L	50	50	1.0
Ca	230000	ug/L	5000	5000	1.0
V	50 U	ug/L	50	50	1.0
TI	10 U	ug/L	10	10	1.0
Zn	58	ug/L	20	20	1.0
Method: DISS-200.7 Rev 4.4 Prep Method: 200.7 Appx C					
Date Analyzed:		10/16/2006 1705			
Date Prepared:		09/28/2006 0830			
Ba	520	ug/L	200	200	1.0
Mn	470	ug/L	15	15	1.0
B	190	ug/L	50	50	1.0
Method: 245.1 Prep Method: 245.1					
Date Analyzed:		10/02/2006 1343			
Date Prepared:		09/29/2006 1400			
Hg	0.20 U	ug/L	0.20	0.20	1.0
Method: DISS-245.1 Prep Method: 245.1					
Date Analyzed:		10/04/2006 1500			
Date Prepared:		10/04/2006 1015			
Hg	0.20 U	ug/L	0.20	0.20	1.0
Method: 2340B					
Date Analyzed:		10/13/2006 1831			
Hardness as calcium carbonate	810	mg/L	2.5	2.5	1.0
Method: 110.2					
Date Analyzed:		09/27/2006 1055			
Color	150	Color Units	25	25	10
Method: 160.1					
Date Analyzed:		09/29/2006 1330			
Total Dissolved Solids	990	mg/L	5.0	5.0	1.0

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Job Number: 420-7742-1

Client Sample ID: MW-222
Lab Sample ID: 420-7742-6

Date Sampled: 09/25/2006 1229
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 2320B	Date Analyzed:	09/26/2006 1236			
Alkalinity	820	mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:	09/26/2006 1854			
Bromide	1.0 U	mg/L	1.0	1.0	1.0
Sulfate	11	mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:	09/26/2006 1854			
Nitrogen, Nitrate	0.25 U	mg/L	0.25	0.25	1.0
Method: 335.3	Date Analyzed:	10/05/2006 0858			
Prep Method: Distillation	Date Prepared:	09/29/2006 0600			
Cyanide, Total	0.010 U	mg/L	0.010	0.010	1.0
Method: 350.2	Date Analyzed:	09/28/2006 1444			
Prep Method: Distill/Ammonia	Date Prepared:	09/28/2006 1432			
Ammonia	7.2	mg/L	1.0	1.0	1.0
Method: 3500 CR D	Date Analyzed:	09/26/2006 0845			
Cr (VI)	0.010 U	mg/L	0.010	0.010	1.0
Method: 351.2	Date Analyzed:	10/04/2006 1209			
Prep Method: 351.2	Date Prepared:	10/03/2006 1116			
TKN	9.3	mg/L	1.0	1.0	1.0
Method: 410.1	Date Analyzed:	09/28/2006 1830			
Prep Method: 410.1	Date Prepared:	09/28/2006 0830			
Chemical Oxygen Demand	48	mg/L	10	10	1.0
Method: 420.4	Date Analyzed:	10/04/2006 1405			
Prep Method: Distill/Phenol	Date Prepared:	09/29/2006 1122			
Phenolics, Total Recoverable	0.019 *	mg/L	0.010	0.010	1.0

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Job Number: 420-7742-1

Client Sample ID: MW-222
Lab Sample ID: 420-7742-6

Date Sampled: 09/25/2006 1229
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 4500 CL B	Date Analyzed:	09/26/2006 1335			
Chloride	71	mg/L	5.0	5.0	1.0
Method: 5210B	Date Analyzed:	09/26/2006 1805			
Biochemical Oxygen Demand	12	mg/L	4.0	4.0	2.0
Method: 5310_C	Date Analyzed:	10/03/2006 0954			
Total Organic Carbon	11	mg/L	1.0	1.0	1.0

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Job Number: 420-7742-1

Client Sample ID: MW-3B
Lab Sample ID: 420-7742-7

Date Sampled: 09/25/2006 1253
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:	10/04/2006 1859			
Prep Method: 5030B	Date Prepared:	10/04/2006 1859			
Chloroform	5.0 U	ug/L	0.70	5.0	1.0
1,1,1-Trichloroethane	5.0 U	ug/L	0.40	5.0	1.0
Carbon tetrachloride	5.0 U	ug/L	1.0	5.0	1.0
Benzene	5.0 U	ug/L	0.40	5.0	1.0
1,2-Dichloroethane	5.0 U	ug/L	0.60	5.0	1.0
Trichloroethene	5.0 U	ug/L	0.70	5.0	1.0
1,2-Dichloropropane	5.0 U	ug/L	0.90	5.0	1.0
Dibromomethane	5.0 U	ug/L	0.60	5.0	1.0
Bromodichloromethane	5.0 U	ug/L	0.40	5.0	1.0
cis-1,3-Dichloropropene	5.0 U	ug/L	0.50	5.0	1.0
4-Methyl-2-pentanone (MIBK)	10 U	ug/L	0.70	10	1.0
Toluene	5.0 U	ug/L	0.30	5.0	1.0
trans-1,3-Dichloropropene	5.0 U	ug/L	0.80	5.0	1.0
1,1,2-Trichloroethane	5.0 U	ug/L	0.60	5.0	1.0
Tetrachloroethene	5.0 U	ug/L	0.50	5.0	1.0
2-Hexanone	10 U	ug/L	0.80	10	1.0
Dibromochloromethane	5.0 U	ug/L	0.50	5.0	1.0
1,2-Dibromoethane	5.0 U	ug/L	0.50	5.0	1.0
Chlorobenzene	5.0 U	ug/L	0.40	5.0	1.0
1,1,1,2-Tetrachloroethane	5.0 U	ug/L	0.70	5.0	1.0
Ethylbenzene	5.0 U	ug/L	1.0	5.0	1.0
Xylenes, Total	5.0 U	ug/L	1.0	5.0	1.0
Styrene	5.0 U	ug/L	0.50	5.0	1.0
Bromoform	5.0 U	ug/L	0.80	5.0	1.0
trans-1,4-Dichloro-2-butene	10 U	ug/L	1.2	10	1.0
1,1,2,2-Tetrachloroethane	5.0 U	ug/L	0.40	5.0	1.0
1,2,3-Trichloropropane	5.0 U	ug/L	1.1	5.0	1.0
1,4-Dichlorobenzene	5.0 U	ug/L	0.50	5.0	1.0
1,2-Dichlorobenzene	5.0 U	ug/L	0.60	5.0	1.0
1,2-Dibromo-3-Chloropropane	5.0 U	ug/L	0.70	5.0	1.0
Acrylonitrile	10 U	ug/L	1.6	10	1.0
Acetone	10 U	ug/L	1.4	10	1.0
Bromochloromethane	5.0 U	ug/L	0.80	5.0	1.0
Carbon disulfide	5.0 U	ug/L	0.90	5.0	1.0
Chloroethane	5.0 U	ug/L	0.80	5.0	1.0
1,1-Dichloroethane	5.0 U	ug/L	0.60	5.0	1.0
1,1-Dichloroethene	5.0 U	ug/L	0.70	5.0	1.0
cis-1,2-Dichloroethene	5.0 U	ug/L	0.60	5.0	1.0
trans-1,2-Dichloroethene	5.0 U	ug/L	0.50	5.0	1.0
Bromomethane	5.0 U	ug/L	1.2	5.0	1.0

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Job Number: 420-7742-1

Client Sample ID: MW-3B
Lab Sample ID: 420-7742-7

Date Sampled: 09/25/2006 1253
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/04/2006 1859			
Prep Method: 5030B	Date Prepared:		10/04/2006 1859			
Chloromethane	5.0	U *	ug/L	0.50	5.0	1.0
Methylene Chloride	0.46	J B	ug/L	0.40	5.0	1.0
2-Butanone (MEK)	10	U	ug/L	1.2	10	1.0
Trichlorofluoromethane	5.0	U	ug/L	0.60	5.0	1.0
Vinyl acetate	5.0	U	ug/L	0.20	5.0	1.0
Vinyl chloride	5.0	U	ug/L	0.80	5.0	1.0
Surrogate				Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	119		%		53 - 125	
4-Bromofluorobenzene	109		%		73 - 127	
Dibromofluoromethane	121		%		54 - 137	
Toluene-d8 (Surr)	106		%		63 - 121	

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Job Number: 420-7742-1

Client Sample ID: MW-3B
Lab Sample ID: 420-7742-7

Date Sampled: 09/25/2006 1253
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: DISS-200.7 Rev 4.4		Date Analyzed:	10/13/2006 1640		
Prep Method: 200.7 Appx C		Date Prepared:	09/28/2006 1636		
Al	200 U	ug/L	200	200	1.0
Sb	60 U	ug/L	60	60	1.0
As	45	ug/L	5.0	5.0	1.0
Ba	200 U	ug/L	200	200	1.0
Be	5.0 U	ug/L	5.0	5.0	1.0
Cd	5.0 U	ug/L	5.0	5.0	1.0
Ca	180000	ug/L	5000	5000	1.0
Cr	10 U	ug/L	10	10	1.0
Co	50 U	ug/L	50	50	1.0
Cu	25 U	ug/L	25	25	1.0
Fe	1700	ug/L	100	100	1.0
Pb	5.0 U	ug/L	5.0	5.0	1.0
Mg	40000	ug/L	5000	5000	1.0
Mn	1100	ug/L	15	15	1.0
Ni	40 U	ug/L	40	40	1.0
K	5000 U	ug/L	5000	5000	1.0
Se	10 U	ug/L	10	10	1.0
Ag	10 U	ug/L	10	10	1.0
Tl	10 U	ug/L	10	10	1.0
Na	73000	ug/L	5000	5000	1.0
V	50 U	ug/L	50	50	1.0
Zn	20 U	ug/L	20	20	1.0
B	260	ug/L	50	50	1.0
Method: TOT-REC-200.7 Rev 4.4		Date Analyzed:	10/13/2006 1953		
Prep Method: 200.7 Appx C		Date Prepared:	09/28/2006 0833		
Ag	10 U	ug/L	10	10	1.0
Al	200 U	ug/L	200	200	1.0
As	48	ug/L	5.0	5.0	1.0
Ba	200 U	ug/L	200	200	1.0
B	270	ug/L	50	50	1.0
Be	5.0 U	ug/L	5.0	5.0	1.0
Ca	180000	ug/L	5000	5000	1.0
Cd	5.0 U	ug/L	5.0	5.0	1.0
Co	50 U	ug/L	50	50	1.0
Cr	10 U	ug/L	10	10	1.0
Cu	25 U	ug/L	25	25	1.0
Fe	1900	ug/L	100	100	1.0
K	5000 U	ug/L	5000	5000	1.0
Mg	40000	ug/L	5000	5000	1.0

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Job Number: 420-7742-1

Client Sample ID: MW-3B
Lab Sample ID: 420-7742-7

Date Sampled: 09/25/2006 1253
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: TOT-REC-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
Na	74000	ug/L	5000	5000	1.0
Ni	40 U	ug/L	40	40	1.0
Pb	5.0 U	ug/L	5.0	5.0	1.0
Mn	1100	ug/L	15	15	1.0
Sb	60 U	ug/L	60	60	1.0
Se	10 U	ug/L	10	10	1.0
V	50 U	ug/L	50	50	1.0
Tl	10 U	ug/L	10	10	1.0
Zn	20 U	ug/L	20	20	1.0
Method: 245.1					
Prep Method: 245.1					
Hg	0.20 U	ug/L	0.20	0.20	1.0
Method: DISS-245.1					
Prep Method: 245.1					
Hg	0.20 U	ug/L	0.20	0.20	1.0
Method: 2340B					
Hardness as calcium carbonate	610	mg/L	2.5	2.5	1.0
Method: 110.2					
Color	150	Color Units	25	25	10
Method: 160.1					
Total Dissolved Solids	850	mg/L	5.0	5.0	1.0
Method: 2320B					
Alkalinity	540	mg/L	5.0	5.0	1.0
Method: 300.0					
Bromide	1.0 U	mg/L	1.0	1.0	1.0

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Job Number: 420-7742-1

Client Sample ID: MW-3B
Lab Sample ID: 420-7742-7

Date Sampled: 09/25/2006 1253
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 300.0	Date Analyzed:	09/26/2006 1905			
Sulfate	36	mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:	09/26/2006 1905			
Nitrogen, Nitrate	0.25 U	mg/L	0.25	0.25	1.0
Method: 335.3 Prep Method: Distillation	Date Analyzed:	10/05/2006 0859			
	Date Prepared:	09/29/2006 0600			
Cyanide, Total	0.010 U	mg/L	0.010	0.010	1.0
Method: 350.2 Prep Method: Distill/Ammonia	Date Analyzed:	09/28/2006 1444			
	Date Prepared:	09/28/2006 1432			
Ammonia	1.0 U	mg/L	1.0	1.0	1.0
Method: 3500 CR D	Date Analyzed:	09/26/2006 0845			
Cr (VI)	0.010 U	mg/L	0.010	0.010	1.0
Method: 351.2 Prep Method: 351.2	Date Analyzed:	10/04/2006 1210			
	Date Prepared:	10/03/2006 1116			
TKN	1.0 U	mg/L	1.0	1.0	1.0
Method: 410.1 Prep Method: 410.1	Date Analyzed:	09/28/2006 1830			
	Date Prepared:	09/28/2006 0830			
Chemical Oxygen Demand	19	mg/L	10	10	1.0
Method: 420.4 Prep Method: Distill/Phenol	Date Analyzed:	10/04/2006 1406			
	Date Prepared:	09/29/2006 1122			
Phenolics, Total Recoverable	0.010 U *	mg/L	0.010	0.010	1.0
Method: 4500 CL B	Date Analyzed:	09/26/2006 1335			
Chloride	200	mg/L	5.0	5.0	1.0
Method: 5210B	Date Analyzed:	09/26/2006 1805			

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Job Number: 420-7742-1

Client Sample ID: MW-3B
Lab Sample ID: 420-7742-7

Date Sampled: 09/25/2006 1253
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 5210B	Date Analyzed:	09/26/2006 1805			
Biochemical Oxygen Demand	4.0 U	mg/L	4.0	4.0	2.0
Method: 5310_C	Date Analyzed:	10/03/2006 0954			
Total Organic Carbon	6.6	mg/L	1.0	1.0	1.0

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Job Number: 420-7742-1

Client Sample ID: MW-230 D
Lab Sample ID: 420-7742-8

Date Sampled: 09/25/2006 1515
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/04/2006 1926			
Prep Method: 5030B	Date Prepared:		10/04/2006 1926			
Chloroform	5.0	U	ug/L	0.70	5.0	1.0
1,1,1-Trichloroethane	5.0	U	ug/L	0.40	5.0	1.0
Carbon tetrachloride	5.0	U	ug/L	1.0	5.0	1.0
Benzene	5.0	U	ug/L	0.40	5.0	1.0
1,2-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Trichloroethene	5.0	U	ug/L	0.70	5.0	1.0
1,2-Dichloropropane	5.0	U	ug/L	0.90	5.0	1.0
Dibromomethane	5.0	U	ug/L	0.60	5.0	1.0
Bromodichloromethane	5.0	U	ug/L	0.40	5.0	1.0
cis-1,3-Dichloropropene	5.0	U	ug/L	0.50	5.0	1.0
4-Methyl-2-pentanone (MIBK)	10	U	ug/L	0.70	10	1.0
Toluene	5.0	U	ug/L	0.30	5.0	1.0
trans-1,3-Dichloropropene	5.0	U	ug/L	0.80	5.0	1.0
1,1,2-Trichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Tetrachloroethene	5.0	U	ug/L	0.50	5.0	1.0
2-Hexanone	10	U	ug/L	0.80	10	1.0
Dibromochloromethane	5.0	U	ug/L	0.50	5.0	1.0
1,2-Dibromoethane	5.0	U	ug/L	0.50	5.0	1.0
Chlorobenzene	5.0	U	ug/L	0.40	5.0	1.0
1,1,1,2-Tetrachloroethane	5.0	U	ug/L	0.70	5.0	1.0
Ethylbenzene	5.0	U	ug/L	1.0	5.0	1.0
Xylenes, Total	5.0	U	ug/L	1.0	5.0	1.0
Styrene	5.0	U	ug/L	0.50	5.0	1.0
Bromoform	5.0	U	ug/L	0.80	5.0	1.0
trans-1,4-Dichloro-2-butene	10	U	ug/L	1.2	10	1.0
1,1,2,2-Tetrachloroethane	5.0	U	ug/L	0.40	5.0	1.0
1,2,3-Trichloropropane	5.0	U	ug/L	1.1	5.0	1.0
1,4-Dichlorobenzene	5.0	U	ug/L	0.50	5.0	1.0
1,2-Dichlorobenzene	5.0	U	ug/L	0.60	5.0	1.0
1,2-Dibromo-3-Chloropropane	5.0	U	ug/L	0.70	5.0	1.0
Acrylonitrile	10	U	ug/L	1.6	10	1.0
Acetone	8.7	J	ug/L	1.4	10	1.0
Bromochloromethane	5.0	U	ug/L	0.80	5.0	1.0
Carbon disulfide	5.0	U	ug/L	0.90	5.0	1.0
Chloroethane	5.0	U	ug/L	0.80	5.0	1.0
1,1-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,1-Dichloroethene	5.0	U	ug/L	0.70	5.0	1.0
cis-1,2-Dichloroethene	5.0	U	ug/L	0.60	5.0	1.0
trans-1,2-Dichloroethene	5.0	U	ug/L	0.50	5.0	1.0
Bromomethane	5.0	U	ug/L	1.2	5.0	1.0

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Job Number: 420-7742-1

Client Sample ID: MW-230 D
Lab Sample ID: 420-7742-8

Date Sampled: 09/25/2006 1515
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/04/2006 1926			
Prep Method: 5030B	Date Prepared:		10/04/2006 1926			
Chloromethane	5.0	U *	ug/L	0.50	5.0	1.0
Methylene Chloride	0.57	J B	ug/L	0.40	5.0	1.0
2-Butanone (MEK)	10	U	ug/L	1.2	10	1.0
Trichlorofluoromethane	5.0	U	ug/L	0.60	5.0	1.0
Vinyl acetate	5.0	U	ug/L	0.20	5.0	1.0
Vinyl chloride	5.0	U	ug/L	0.80	5.0	1.0
Surrogate				Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	119		%		53 - 125	
4-Bromofluorobenzene	113		%		73 - 127	
Dibromofluoromethane	125		%		54 - 137	
Toluene-d8 (Surr)	106		%		63 - 121	

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Job Number: 420-7742-1

Client Sample ID: MW-230 D
Lab Sample ID: 420-7742-8

Date Sampled: 09/25/2006 1515
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: DISS-200.7 Rev 4.4		Date Analyzed:	10/13/2006 1646		
Prep Method: 200.7 Appx C		Date Prepared:	09/28/2006 1636		
Al	200 U	ug/L	200	200	1.0
Sb	60 U	ug/L	60	60	1.0
As	5.0 U	ug/L	5.0	5.0	1.0
Ba	200 U	ug/L	200	200	1.0
Be	5.0 U	ug/L	5.0	5.0	1.0
Cd	5.0 U	ug/L	5.0	5.0	1.0
Ca	120000	ug/L	5000	5000	1.0
Cr	10 U	ug/L	10	10	1.0
Co	50 U	ug/L	50	50	1.0
Cu	25 U	ug/L	25	25	1.0
Fe	790	ug/L	100	100	1.0
Pb	5.0 U	ug/L	5.0	5.0	1.0
Mg	40000	ug/L	5000	5000	1.0
Mn	93	ug/L	15	15	1.0
Ni	40 U	ug/L	40	40	1.0
K	6600	ug/L	5000	5000	1.0
Se	10 U	ug/L	10	10	1.0
Ag	10 U	ug/L	10	10	1.0
Tl	10 U	ug/L	10	10	1.0
Na	280000	ug/L	5000	5000	1.0
V	50 U	ug/L	50	50	1.0
Zn	20 U	ug/L	20	20	1.0
B	68	ug/L	50	50	1.0
Method: TOT-REC-200.7 Rev 4.4		Date Analyzed:	10/13/2006 1958		
Prep Method: 200.7 Appx C		Date Prepared:	09/28/2006 0833		
Ag	10 U	ug/L	10	10	1.0
Al	440	ug/L	200	200	1.0
As	6.1	ug/L	5.0	5.0	1.0
Ba	200 U	ug/L	200	200	1.0
B	68	ug/L	50	50	1.0
Be	5.0 U	ug/L	5.0	5.0	1.0
Ca	110000	ug/L	5000	5000	1.0
Cd	5.0 U	ug/L	5.0	5.0	1.0
Co	50 U	ug/L	50	50	1.0
Cr	10 U	ug/L	10	10	1.0
Cu	25 U	ug/L	25	25	1.0
Fe	1200	ug/L	100	100	1.0
K	6800	ug/L	5000	5000	1.0
Mg	41000	ug/L	5000	5000	1.0

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Job Number: 420-7742-1

Client Sample ID: MW-230 D
Lab Sample ID: 420-7742-8

Date Sampled: 09/25/2006 1515
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: TOT-REC-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
	Date Analyzed:	10/13/2006 1958			
	Date Prepared:	09/28/2006 0833			
Na	280000	ug/L	5000	5000	1.0
Ni	40 U	ug/L	40	40	1.0
Pb	5.0 U	ug/L	5.0	5.0	1.0
Mn	110	ug/L	15	15	1.0
Sb	60 U	ug/L	60	60	1.0
Se	10 U	ug/L	10	10	1.0
V	50 U	ug/L	50	50	1.0
Tl	10 U	ug/L	10	10	1.0
Zn	67	ug/L	20	20	1.0
Method: 245.1					
Prep Method: 245.1					
	Date Analyzed:	10/02/2006 1350			
	Date Prepared:	09/29/2006 1400			
Hg	0.20 U	ug/L	0.20	0.20	1.0
Method: DISS-245.1					
Prep Method: 245.1					
	Date Analyzed:	10/04/2006 1507			
	Date Prepared:	10/04/2006 1015			
Hg	0.20 U	ug/L	0.20	0.20	1.0
Method: 2340B					
	Date Analyzed:	10/13/2006 1831			
Hardness as calcium carbonate	450	mg/L	2.5	2.5	1.0
Method: 110.2					
	Date Analyzed:	09/27/2006 1100			
Color	150	Color Units	25	25	10
Method: 160.1					
	Date Analyzed:	09/29/2006 1330			
Total Dissolved Solids	1300	mg/L	5.0	5.0	1.0
Method: 2320B					
	Date Analyzed:	09/26/2006 1236			
Alkalinity	110	mg/L	5.0	5.0	1.0
Method: 300.0					
	Date Analyzed:	09/26/2006 1916			
Bromide	5.5	mg/L	1.0	1.0	1.0

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Job Number: 420-7742-1

Client Sample ID: MW-230 D
Lab Sample ID: 420-7742-8

Date Sampled: 09/25/2006 1515
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 300.0	Date Analyzed:	09/26/2006 1916			
Method: 300.0	Date Analyzed:	09/27/2006 0959			
Sulfate	130	mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:	09/26/2006 1916			
Nitrogen, Nitrate	0.25 U	mg/L	0.25	0.25	1.0
Method: 335.3	Date Analyzed:	10/05/2006 0900			
Prep Method: Distillation	Date Prepared:	09/29/2006 0600			
Cyanide, Total	0.010 U	mg/L	0.010	0.010	1.0
Method: 350.2	Date Analyzed:	09/28/2006 1444			
Prep Method: Distill/Ammonia	Date Prepared:	09/28/2006 1432			
Ammonia	1.0	mg/L	1.0	1.0	1.0
Method: 3500 CR D	Date Analyzed:	09/26/2006 0845			
Cr (VI)	0.010 U	mg/L	0.010	0.010	1.0
Method: 351.2	Date Analyzed:	10/04/2006 1211			
Prep Method: 351.2	Date Prepared:	10/03/2006 1116			
TKN	1.3	mg/L	1.0	1.0	1.0
Method: 410.1	Date Analyzed:	09/28/2006 1830			
Prep Method: 410.1	Date Prepared:	09/28/2006 0830			
Chemical Oxygen Demand	26	mg/L	10	10	1.0
Method: 420.4	Date Analyzed:	10/04/2006 1407			
Prep Method: Distill/Phenol	Date Prepared:	09/29/2006 1122			
Phenolics, Total Recoverable	0.036 *	mg/L	0.010	0.010	1.0
Method: 4500 CL B	Date Analyzed:	09/26/2006 1335			
Chloride	590	mg/L	5.0	5.0	1.0

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Job Number: 420-7742-1

Client Sample ID: MW-230 D
Lab Sample ID: 420-7742-8

Date Sampled: 09/25/2006 1515
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 4500 CL B	Date Analyzed:	09/26/2006 1335			
Method: 5210B	Date Analyzed:	09/26/2006 1805			
Biochemical Oxygen Demand	4.0 U	mg/L	4.0	4.0	2.0
Method: 5310_C	Date Analyzed:	10/03/2006 0954			
Total Organic Carbon	2.0	mg/L	1.0	1.0	1.0

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Job Number: 420-7742-1

Client Sample ID: MW-230 S
Lab Sample ID: 420-7742-9

Date Sampled: 09/25/2006 1435
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/04/2006 1953			
Prep Method: 5030B	Date Prepared:		10/04/2006 1953			
Chloroform	5.0	U	ug/L	0.70	5.0	1.0
1,1,1-Trichloroethane	5.0	U	ug/L	0.40	5.0	1.0
Carbon tetrachloride	5.0	U	ug/L	1.0	5.0	1.0
Benzene	5.0	U	ug/L	0.40	5.0	1.0
1,2-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Trichloroethene	5.0	U	ug/L	0.70	5.0	1.0
1,2-Dichloropropane	5.0	U	ug/L	0.90	5.0	1.0
Dibromomethane	5.0	U	ug/L	0.60	5.0	1.0
Bromodichloromethane	5.0	U	ug/L	0.40	5.0	1.0
cis-1,3-Dichloropropene	5.0	U	ug/L	0.50	5.0	1.0
4-Methyl-2-pentanone (MIBK)	10	U	ug/L	0.70	10	1.0
Toluene	5.0	U	ug/L	0.30	5.0	1.0
trans-1,3-Dichloropropene	5.0	U	ug/L	0.80	5.0	1.0
1,1,2-Trichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Tetrachloroethene	5.0	U	ug/L	0.50	5.0	1.0
2-Hexanone	10	U	ug/L	0.80	10	1.0
Dibromochloromethane	5.0	U	ug/L	0.50	5.0	1.0
1,2-Dibromoethane	5.0	U	ug/L	0.50	5.0	1.0
Chlorobenzene	5.0	U	ug/L	0.40	5.0	1.0
1,1,1,2-Tetrachloroethane	5.0	U	ug/L	0.70	5.0	1.0
Ethylbenzene	5.0	U	ug/L	1.0	5.0	1.0
Xylenes, Total	5.0	U	ug/L	1.0	5.0	1.0
Styrene	5.0	U	ug/L	0.50	5.0	1.0
Bromoform	5.0	U	ug/L	0.80	5.0	1.0
trans-1,4-Dichloro-2-butene	10	U	ug/L	1.2	10	1.0
1,1,2,2-Tetrachloroethane	5.0	U	ug/L	0.40	5.0	1.0
1,2,3-Trichloropropane	5.0	U	ug/L	1.1	5.0	1.0
1,4-Dichlorobenzene	5.0	U	ug/L	0.50	5.0	1.0
1,2-Dichlorobenzene	5.0	U	ug/L	0.60	5.0	1.0
1,2-Dibromo-3-Chloropropane	5.0	U	ug/L	0.70	5.0	1.0
Acrylonitrile	10	U	ug/L	1.6	10	1.0
Acetone	10	U	ug/L	1.4	10	1.0
Bromochloromethane	5.0	U	ug/L	0.80	5.0	1.0
Carbon disulfide	5.0	U	ug/L	0.90	5.0	1.0
Chloroethane	5.0	U	ug/L	0.80	5.0	1.0
1,1-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,1-Dichloroethene	5.0	U	ug/L	0.70	5.0	1.0
cis-1,2-Dichloroethene	5.0	U	ug/L	0.60	5.0	1.0
trans-1,2-Dichloroethene	5.0	U	ug/L	0.50	5.0	1.0
Bromomethane	5.0	U	ug/L	1.2	5.0	1.0

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Job Number: 420-7742-1

Client Sample ID: MW-230 S
Lab Sample ID: 420-7742-9

Date Sampled: 09/25/2006 1435
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:	10/04/2006 1953			
Prep Method: 5030B	Date Prepared:	10/04/2006 1953			
Chloromethane	5.0 U *	ug/L	0.50	5.0	1.0
Methylene Chloride	0.50 J B	ug/L	0.40	5.0	1.0
2-Butanone (MEK)	10 U	ug/L	1.2	10	1.0
Trichlorofluoromethane	5.0 U	ug/L	0.60	5.0	1.0
Vinyl acetate	5.0 U	ug/L	0.20	5.0	1.0
Vinyl chloride	5.0 U	ug/L	0.80	5.0	1.0
Surrogate				Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	118	%		53 - 125	
4-Bromofluorobenzene	112	%		73 - 127	
Dibromofluoromethane	121	%		54 - 137	
Toluene-d8 (Surr)	106	%		63 - 121	

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Job Number: 420-7742-1

Client Sample ID: MW-230 S
Lab Sample ID: 420-7742-9

Date Sampled: 09/25/2006 1435
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: DISS-200.7 Rev 4.4		Date Analyzed:	10/13/2006 1651			
Prep Method: 200.7 Appx C		Date Prepared:	09/28/2006 1636			
Al	200	U	ug/L	200	200	1.0
Sb	60	U	ug/L	60	60	1.0
As	5.0	U	ug/L	5.0	5.0	1.0
Ba	200	U	ug/L	200	200	1.0
Be	5.0	U	ug/L	5.0	5.0	1.0
Cd	5.0	U	ug/L	5.0	5.0	1.0
Ca	69000		ug/L	5000	5000	1.0
Cr	10	U	ug/L	10	10	1.0
Co	50	U	ug/L	50	50	1.0
Cu	25	U	ug/L	25	25	1.0
Fe	140		ug/L	100	100	1.0
Pb	5.0	U	ug/L	5.0	5.0	1.0
Mg	14000		ug/L	5000	5000	1.0
Mn	350		ug/L	15	15	1.0
Ni	40	U	ug/L	40	40	1.0
K	5000	U	ug/L	5000	5000	1.0
Se	10	U	ug/L	10	10	1.0
Ag	10	U	ug/L	10	10	1.0
Tl	10	U	ug/L	10	10	1.0
Na	8200		ug/L	5000	5000	1.0
V	50	U	ug/L	50	50	1.0
Zn	20	U	ug/L	20	20	1.0
B	50	U	ug/L	50	50	1.0
Method: TOT-REC-200.7 Rev 4.4		Date Analyzed:	10/13/2006 2003			
Prep Method: 200.7 Appx C		Date Prepared:	09/28/2006 0833			
Ag	10	U	ug/L	10	10	1.0
Al	200	U	ug/L	200	200	1.0
As	5.0	U	ug/L	5.0	5.0	1.0
Ba	210		ug/L	200	200	1.0
B	50	U	ug/L	50	50	1.0
Be	5.0	U	ug/L	5.0	5.0	1.0
Ca	69000		ug/L	5000	5000	1.0
Cd	5.0	U	ug/L	5.0	5.0	1.0
Co	50	U	ug/L	50	50	1.0
Cr	10	U	ug/L	10	10	1.0
Cu	25	U	ug/L	25	25	1.0
Fe	130		ug/L	100	100	1.0
K	5000	U	ug/L	5000	5000	1.0
Mg	14000		ug/L	5000	5000	1.0

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Job Number: 420-7742-1

Client Sample ID: MW-230 S
Lab Sample ID: 420-7742-9

Date Sampled: 09/25/2006 1435
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: TOT-REC-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
Na	9600	ug/L	5000	5000	1.0
Ni	40 U	ug/L	40	40	1.0
Pb	5.0 U	ug/L	5.0	5.0	1.0
Mn	370	ug/L	15	15	1.0
Sb	60 U	ug/L	60	60	1.0
Se	10 U	ug/L	10	10	1.0
V	50 U	ug/L	50	50	1.0
Tl	10 U	ug/L	10	10	1.0
Zn	20 U	ug/L	20	20	1.0
Method: 245.1					
Prep Method: 245.1					
Hg	0.20 U	ug/L	0.20	0.20	1.0
Method: DISS-245.1					
Prep Method: 245.1					
Hg	0.20 U	ug/L	0.20	0.20	1.0
Method: 2340B					
Hardness as calcium carbonate	230	mg/L	2.5	2.5	1.0
Method: 110.2					
Color	20	Color Units	2.5	2.5	1.0
Method: 160.1					
Total Dissolved Solids	310	mg/L	5.0	5.0	1.0
Method: 2320B					
Alkalinity	180	mg/L	5.0	5.0	1.0
Method: 300.0					
Bromide	1.0 U	mg/L	1.0	1.0	1.0

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Job Number: 420-7742-1

Client Sample ID: MW-230 S
Lab Sample ID: 420-7742-9

Date Sampled: 09/25/2006 1435
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 300.0	Date Analyzed:	09/26/2006 1927			
Method: 300.0	Date Analyzed:	09/27/2006 1010			
Sulfate	52	mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:	09/26/2006 1927			
Nitrogen, Nitrate	0.25 U	mg/L	0.25	0.25	1.0
Method: 335.3	Date Analyzed:	10/05/2006 0901			
Prep Method: Distillation	Date Prepared:	09/29/2006 0600			
Cyanide, Total	0.010 U	mg/L	0.010	0.010	1.0
Method: 350.2	Date Analyzed:	09/28/2006 1444			
Prep Method: Distill/Ammonia	Date Prepared:	09/28/2006 1432			
Ammonia	1.0 U	mg/L	1.0	1.0	1.0
Method: 3500 CR D	Date Analyzed:	09/26/2006 0845			
Cr (VI)	0.010 U	mg/L	0.010	0.010	1.0
Method: 351.2	Date Analyzed:	10/04/2006 1211			
Prep Method: 351.2	Date Prepared:	10/03/2006 1116			
TKN	1.0 U	mg/L	1.0	1.0	1.0
Method: 410.1	Date Analyzed:	09/28/2006 1830			
Prep Method: 410.1	Date Prepared:	09/28/2006 0830			
Chemical Oxygen Demand	10 U	mg/L	10	10	1.0
Method: 420.4	Date Analyzed:	10/04/2006 1407			
Prep Method: Distill/Phenol	Date Prepared:	09/29/2006 1122			
Phenolics, Total Recoverable	0.010 U *	mg/L	0.010	0.010	1.0
Method: 4500 CL B	Date Analyzed:	09/26/2006 1335			
Chloride	19	mg/L	5.0	5.0	1.0

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Job Number: 420-7742-1

Client Sample ID: MW-230 S
Lab Sample ID: 420-7742-9

Date Sampled: 09/25/2006 1435
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 4500 CL B	Date Analyzed:	09/26/2006 1335			
Method: 5210B	Date Analyzed:	09/26/2006 1805			
Biochemical Oxygen Demand	4.0 U	mg/L	4.0	4.0	2.0
Method: 5310_C	Date Analyzed:	10/03/2006 0954			
Total Organic Carbon	1.0 U	mg/L	1.0	1.0	1.0

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Job Number: 420-7742-1

Client Sample ID: MW-233 S
Lab Sample ID: 420-7742-10

Date Sampled: 09/25/2006 1535
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/04/2006 2020			
Prep Method: 5030B	Date Prepared:		10/04/2006 2020			
Chloroform	5.0	U	ug/L	0.70	5.0	1.0
1,1,1-Trichloroethane	5.0	U	ug/L	0.40	5.0	1.0
Carbon tetrachloride	5.0	U	ug/L	1.0	5.0	1.0
Benzene	5.0	U	ug/L	0.40	5.0	1.0
1,2-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Trichloroethene	5.0	U	ug/L	0.70	5.0	1.0
1,2-Dichloropropane	5.0	U	ug/L	0.90	5.0	1.0
Dibromomethane	5.0	U	ug/L	0.60	5.0	1.0
Bromodichloromethane	5.0	U	ug/L	0.40	5.0	1.0
cis-1,3-Dichloropropene	5.0	U	ug/L	0.50	5.0	1.0
4-Methyl-2-pentanone (MIBK)	10	U	ug/L	0.70	10	1.0
Toluene	5.0	U	ug/L	0.30	5.0	1.0
trans-1,3-Dichloropropene	5.0	U	ug/L	0.80	5.0	1.0
1,1,2-Trichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Tetrachloroethene	5.0	U	ug/L	0.50	5.0	1.0
2-Hexanone	10	U	ug/L	0.80	10	1.0
Dibromochloromethane	5.0	U	ug/L	0.50	5.0	1.0
1,2-Dibromoethane	5.0	U	ug/L	0.50	5.0	1.0
Chlorobenzene	5.0	U	ug/L	0.40	5.0	1.0
1,1,1,2-Tetrachloroethane	5.0	U	ug/L	0.70	5.0	1.0
Ethylbenzene	5.0	U	ug/L	1.0	5.0	1.0
Xylenes, Total	5.0	U	ug/L	1.0	5.0	1.0
Styrene	5.0	U	ug/L	0.50	5.0	1.0
Bromoform	5.0	U	ug/L	0.80	5.0	1.0
trans-1,4-Dichloro-2-butene	10	U	ug/L	1.2	10	1.0
1,1,2,2-Tetrachloroethane	5.0	U	ug/L	0.40	5.0	1.0
1,2,3-Trichloropropane	5.0	U	ug/L	1.1	5.0	1.0
1,4-Dichlorobenzene	5.0	U	ug/L	0.50	5.0	1.0
1,2-Dichlorobenzene	5.0	U	ug/L	0.60	5.0	1.0
1,2-Dibromo-3-Chloropropane	5.0	U	ug/L	0.70	5.0	1.0
Acrylonitrile	10	U	ug/L	1.6	10	1.0
Acetone	10	U	ug/L	1.4	10	1.0
Bromochloromethane	5.0	U	ug/L	0.80	5.0	1.0
Carbon disulfide	5.0	U	ug/L	0.90	5.0	1.0
Chloroethane	5.0	U	ug/L	0.80	5.0	1.0
1,1-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,1-Dichloroethene	5.0	U	ug/L	0.70	5.0	1.0
cis-1,2-Dichloroethene	5.0	U	ug/L	0.60	5.0	1.0
trans-1,2-Dichloroethene	5.0	U	ug/L	0.50	5.0	1.0
Bromomethane	5.0	U	ug/L	1.2	5.0	1.0

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Job Number: 420-7742-1

Client Sample ID: MW-233 S
Lab Sample ID: 420-7742-10

Date Sampled: 09/25/2006 1535
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/04/2006 2020			
Prep Method: 5030B	Date Prepared:		10/04/2006 2020			
Chloromethane	5.0	U *	ug/L	0.50	5.0	1.0
Methylene Chloride	0.54	J B	ug/L	0.40	5.0	1.0
2-Butanone (MEK)	10	U	ug/L	1.2	10	1.0
Trichlorofluoromethane	5.0	U	ug/L	0.60	5.0	1.0
Vinyl acetate	5.0	U	ug/L	0.20	5.0	1.0
Vinyl chloride	5.0	U	ug/L	0.80	5.0	1.0
Surrogate				Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	120		%		53 - 125	
4-Bromofluorobenzene	112		%		73 - 127	
Dibromofluoromethane	124		%		54 - 137	
Toluene-d8 (Surr)	106		%		63 - 121	

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Job Number: 420-7742-1

Client Sample ID: MW-233 S
Lab Sample ID: 420-7742-10

Date Sampled: 09/25/2006 1535
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: DISS-200.7 Rev 4.4		Date Analyzed:	10/13/2006 1657		
Prep Method: 200.7 Appx C		Date Prepared:	09/28/2006 1636		
Al	200 U	ug/L	200	200	1.0
Sb	60 U	ug/L	60	60	1.0
As	5.0 U	ug/L	5.0	5.0	1.0
Ba	200 U	ug/L	200	200	1.0
Be	5.0 U	ug/L	5.0	5.0	1.0
Cd	5.0 U	ug/L	5.0	5.0	1.0
Ca	140000	ug/L	5000	5000	1.0
Cr	10 U	ug/L	10	10	1.0
Co	50 U	ug/L	50	50	1.0
Cu	25 U	ug/L	25	25	1.0
Fe	100 U	ug/L	100	100	1.0
Pb	5.0 U	ug/L	5.0	5.0	1.0
Mg	39000	ug/L	5000	5000	1.0
Mn	490	ug/L	15	15	1.0
Ni	40 U	ug/L	40	40	1.0
K	5000 U	ug/L	5000	5000	1.0
Se	10 U	ug/L	10	10	1.0
Ag	10 U	ug/L	10	10	1.0
Tl	10 U	ug/L	10	10	1.0
Na	5000 U	ug/L	5000	5000	1.0
V	50 U	ug/L	50	50	1.0
Zn	20 U	ug/L	20	20	1.0
B	50 U	ug/L	50	50	1.0
Method: TOT-REC-200.7 Rev 4.4		Date Analyzed:	10/13/2006 2009		
Prep Method: 200.7 Appx C		Date Prepared:	09/28/2006 0833		
Ag	10 U	ug/L	10	10	1.0
Al	200 U	ug/L	200	200	1.0
As	5.0 U	ug/L	5.0	5.0	1.0
Ba	200 U	ug/L	200	200	1.0
B	50 U	ug/L	50	50	1.0
Be	5.0 U	ug/L	5.0	5.0	1.0
Ca	140000	ug/L	5000	5000	1.0
Cd	5.0 U	ug/L	5.0	5.0	1.0
Co	50 U	ug/L	50	50	1.0
Cr	10 U	ug/L	10	10	1.0
Cu	25 U	ug/L	25	25	1.0
Fe	100 U	ug/L	100	100	1.0
K	5000 U	ug/L	5000	5000	1.0
Mg	43000	ug/L	5000	5000	1.0

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Job Number: 420-7742-1

Client Sample ID: MW-233 S
Lab Sample ID: 420-7742-10

Date Sampled: 09/25/2006 1535
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: TOT-REC-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
	Date Analyzed:	10/13/2006 2009			
	Date Prepared:	09/28/2006 0833			
Na	5000 U	ug/L	5000	5000	1.0
Ni	40 U	ug/L	40	40	1.0
Pb	5.0 U	ug/L	5.0	5.0	1.0
Mn	730	ug/L	15	15	1.0
Sb	60 U	ug/L	60	60	1.0
Se	10 U	ug/L	10	10	1.0
V	50 U	ug/L	50	50	1.0
Tl	10 U	ug/L	10	10	1.0
Zn	20 U	ug/L	20	20	1.0
Method: 245.1					
Prep Method: 245.1					
	Date Analyzed:	10/02/2006 1403			
	Date Prepared:	09/29/2006 1400			
Hg	0.20 U	ug/L	0.20	0.20	1.0
Method: DISS-245.1					
Prep Method: 245.1					
	Date Analyzed:	10/04/2006 1513			
	Date Prepared:	10/04/2006 1015			
Hg	0.20 U	ug/L	0.20	0.20	1.0
Method: 2340B					
	Date Analyzed:	10/13/2006 1831			
Hardness as calcium carbonate	520	mg/L	2.5	2.5	1.0
Method: 110.2					
	Date Analyzed:	09/27/2006 1103			
Color	15	Color Units	2.5	2.5	1.0
Method: 160.1					
	Date Analyzed:	09/29/2006 1330			
Total Dissolved Solids	660	mg/L	5.0	5.0	1.0
Method: 2320B					
	Date Analyzed:	09/26/2006 1236			
Alkalinity	330	mg/L	5.0	5.0	1.0
Method: 300.0					
	Date Analyzed:	09/26/2006 1938			
Bromide	1.0 U	mg/L	1.0	1.0	1.0

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Job Number: 420-7742-1

Client Sample ID: MW-233 S
Lab Sample ID: 420-7742-10

Date Sampled: 09/25/2006 1535
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 300.0	Date Analyzed:	09/26/2006 1938			
Method: 300.0	Date Analyzed:	09/27/2006 1110			
Sulfate	140	mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:	09/26/2006 1938			
Nitrogen, Nitrate	12	mg/L	0.25	0.25	1.0
Method: 335.3	Date Analyzed:	10/05/2006 0902			
Prep Method: Distillation	Date Prepared:	09/29/2006 0600			
Cyanide, Total	0.010 U	mg/L	0.010	0.010	1.0
Method: 350.2	Date Analyzed:	09/28/2006 1444			
Prep Method: Distill/Ammonia	Date Prepared:	09/28/2006 1432			
Ammonia	1.0 U	mg/L	1.0	1.0	1.0
Method: 3500 CR D	Date Analyzed:	09/26/2006 0845			
Cr (VI)	0.010 U	mg/L	0.010	0.010	1.0
Method: 351.2	Date Analyzed:	10/04/2006 1217			
Prep Method: 351.2	Date Prepared:	10/03/2006 1116			
TKN	1.0 U	mg/L	1.0	1.0	1.0
Method: 410.1	Date Analyzed:	09/28/2006 1830			
Prep Method: 410.1	Date Prepared:	09/28/2006 0830			
Chemical Oxygen Demand	26	mg/L	10	10	1.0
Method: 420.4	Date Analyzed:	10/04/2006 1359			
Prep Method: Distill/Phenol	Date Prepared:	09/29/2006 1122			
Phenolics, Total Recoverable	0.010 U *	mg/L	0.010	0.010	1.0
Method: 4500 CL B	Date Analyzed:	09/26/2006 1335			
Chloride	14	mg/L	5.0	5.0	1.0

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Job Number: 420-7742-1

Client Sample ID: MW-233 S
Lab Sample ID: 420-7742-10

Date Sampled: 09/25/2006 1535
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 4500 CL B	Date Analyzed:	09/26/2006 1335			
Method: 5210B	Date Analyzed:	09/26/2006 1805			
Biochemical Oxygen Demand	4.0 U	mg/L	4.0	4.0	2.0
Method: 5310_C	Date Analyzed:	10/03/2006 0954			
Total Organic Carbon	4.1	mg/L	1.0	1.0	1.0

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Job Number: 420-7742-1

Client Sample ID: MW-233 D
Lab Sample ID: 420-7742-11

Date Sampled: 09/25/2006 1559
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/04/2006 2047			
Prep Method: 5030B	Date Prepared:		10/04/2006 2047			
Chloroform	5.0	U	ug/L	0.70	5.0	1.0
1,1,1-Trichloroethane	5.0	U	ug/L	0.40	5.0	1.0
Carbon tetrachloride	5.0	U	ug/L	1.0	5.0	1.0
Benzene	5.0	U	ug/L	0.40	5.0	1.0
1,2-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Trichloroethene	5.0	U	ug/L	0.70	5.0	1.0
1,2-Dichloropropane	5.0	U	ug/L	0.90	5.0	1.0
Dibromomethane	5.0	U	ug/L	0.60	5.0	1.0
Bromodichloromethane	5.0	U	ug/L	0.40	5.0	1.0
cis-1,3-Dichloropropene	5.0	U	ug/L	0.50	5.0	1.0
4-Methyl-2-pentanone (MIBK)	10	U	ug/L	0.70	10	1.0
Toluene	5.0	U	ug/L	0.30	5.0	1.0
trans-1,3-Dichloropropene	5.0	U	ug/L	0.80	5.0	1.0
1,1,2-Trichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Tetrachloroethene	5.0	U	ug/L	0.50	5.0	1.0
2-Hexanone	10	U	ug/L	0.80	10	1.0
Dibromochloromethane	5.0	U	ug/L	0.50	5.0	1.0
1,2-Dibromoethane	5.0	U	ug/L	0.50	5.0	1.0
Chlorobenzene	5.0	U	ug/L	0.40	5.0	1.0
1,1,1,2-Tetrachloroethane	5.0	U	ug/L	0.70	5.0	1.0
Ethylbenzene	5.0	U	ug/L	1.0	5.0	1.0
Xylenes, Total	5.0	U	ug/L	1.0	5.0	1.0
Styrene	5.0	U	ug/L	0.50	5.0	1.0
Bromoform	5.0	U	ug/L	0.80	5.0	1.0
trans-1,4-Dichloro-2-butene	10	U	ug/L	1.2	10	1.0
1,1,2,2-Tetrachloroethane	5.0	U	ug/L	0.40	5.0	1.0
1,2,3-Trichloropropane	5.0	U	ug/L	1.1	5.0	1.0
1,4-Dichlorobenzene	5.0	U	ug/L	0.50	5.0	1.0
1,2-Dichlorobenzene	5.0	U	ug/L	0.60	5.0	1.0
1,2-Dibromo-3-Chloropropane	5.0	U	ug/L	0.70	5.0	1.0
Acrylonitrile	10	U	ug/L	1.6	10	1.0
Acetone	10	U	ug/L	1.4	10	1.0
Bromochloromethane	5.0	U	ug/L	0.80	5.0	1.0
Carbon disulfide	5.0	U	ug/L	0.90	5.0	1.0
Chloroethane	5.0	U	ug/L	0.80	5.0	1.0
1,1-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,1-Dichloroethene	5.0	U	ug/L	0.70	5.0	1.0
cis-1,2-Dichloroethene	5.0	U	ug/L	0.60	5.0	1.0
trans-1,2-Dichloroethene	5.0	U	ug/L	0.50	5.0	1.0
Bromomethane	5.0	U	ug/L	1.2	5.0	1.0

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Job Number: 420-7742-1

Client Sample ID: MW-233 D
Lab Sample ID: 420-7742-11

Date Sampled: 09/25/2006 1559
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/04/2006 2047			
Prep Method: 5030B	Date Prepared:		10/04/2006 2047			
Chloromethane	5.0	U *	ug/L	0.50	5.0	1.0
Methylene Chloride	0.64	J B	ug/L	0.40	5.0	1.0
2-Butanone (MEK)	10	U	ug/L	1.2	10	1.0
Trichlorofluoromethane	5.0	U	ug/L	0.60	5.0	1.0
Vinyl acetate	5.0	U	ug/L	0.20	5.0	1.0
Vinyl chloride	5.0	U	ug/L	0.80	5.0	1.0
Surrogate					Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	119		%		53 - 125	
4-Bromofluorobenzene	109		%		73 - 127	
Dibromofluoromethane	121		%		54 - 137	
Toluene-d8 (Surr)	108		%		63 - 121	

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Job Number: 420-7742-1

Client Sample ID: MW-233 D
Lab Sample ID: 420-7742-11

Date Sampled: 09/25/2006 1559
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: DISS-200.7 Rev 4.4		Date Analyzed:	10/13/2006 1702			
Prep Method: 200.7 Appx C		Date Prepared:	09/28/2006 1636			
Al	200	U	ug/L	200	200	1.0
Sb	60	U	ug/L	60	60	1.0
As	5.0	U	ug/L	5.0	5.0	1.0
Ba	200	U	ug/L	200	200	1.0
Be	5.0	U	ug/L	5.0	5.0	1.0
Cd	5.0	U	ug/L	5.0	5.0	1.0
Ca	78000		ug/L	5000	5000	1.0
Cr	10	U	ug/L	10	10	1.0
Co	50	U	ug/L	50	50	1.0
Cu	25	U	ug/L	25	25	1.0
Fe	100	U	ug/L	100	100	1.0
Pb	5.0	U	ug/L	5.0	5.0	1.0
Mg	23000		ug/L	5000	5000	1.0
Mn	15	U	ug/L	15	15	1.0
Ni	40	U	ug/L	40	40	1.0
K	5000	U	ug/L	5000	5000	1.0
Se	10	U	ug/L	10	10	1.0
Ag	10	U	ug/L	10	10	1.0
Tl	10	U	ug/L	10	10	1.0
Na	100000		ug/L	5000	5000	1.0
V	50	U	ug/L	50	50	1.0
Zn	82		ug/L	20	20	1.0
B	85		ug/L	50	50	1.0
Method: TOT-REC-200.7 Rev 4.4		Date Analyzed:	10/13/2006 2014			
Prep Method: 200.7 Appx C		Date Prepared:	09/28/2006 0833			
Ag	10	U	ug/L	10	10	1.0
Al	200	U	ug/L	200	200	1.0
As	5.0	U	ug/L	5.0	5.0	1.0
Ba	200	U	ug/L	200	200	1.0
B	82		ug/L	50	50	1.0
Be	5.0	U	ug/L	5.0	5.0	1.0
Ca	76000		ug/L	5000	5000	1.0
Cd	5.0	U	ug/L	5.0	5.0	1.0
Co	50	U	ug/L	50	50	1.0
Cr	10	U	ug/L	10	10	1.0
Cu	25	U	ug/L	25	25	1.0
Fe	780		ug/L	100	100	1.0
K	5000	U	ug/L	5000	5000	1.0
Mg	23000		ug/L	5000	5000	1.0

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Job Number: 420-7742-1

Client Sample ID: MW-233 D
Lab Sample ID: 420-7742-11

Date Sampled: 09/25/2006 1559
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: TOT-REC-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
	Date Analyzed:	10/13/2006 2014			
	Date Prepared:	09/28/2006 0833			
Na	99000	ug/L	5000	5000	1.0
Ni	40 U	ug/L	40	40	1.0
Pb	7.9	ug/L	5.0	5.0	1.0
Mn	43	ug/L	15	15	1.0
Sb	60 U	ug/L	60	60	1.0
Se	10 U	ug/L	10	10	1.0
V	50 U	ug/L	50	50	1.0
Tl	10 U	ug/L	10	10	1.0
Zn	100	ug/L	20	20	1.0
Method: 245.1					
Prep Method: 245.1					
Hg	0.20 U	ug/L	0.20	0.20	1.0
Method: DISS-245.1					
Prep Method: 245.1					
Hg	0.20 U	ug/L	0.20	0.20	1.0
Method: 2340B					
Date Analyzed: 10/13/2006 1831					
Hardness as calcium carbonate	280	mg/L	2.5	2.5	1.0
Method: 110.2					
Date Analyzed: 09/27/2006 1104					
Color	150	Color Units	25	25	10
Method: 160.1					
Date Analyzed: 09/29/2006 1330					
Total Dissolved Solids	610	mg/L	5.0	5.0	1.0
Method: 2320B					
Date Analyzed: 09/26/2006 1236					
Alkalinity	210	mg/L	5.0	5.0	1.0
Method: 300.0					
Date Analyzed: 09/26/2006 1949					
Bromide	1.2	mg/L	1.0	1.0	1.0

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Job Number: 420-7742-1

Client Sample ID: MW-233 D
Lab Sample ID: 420-7742-11

Date Sampled: 09/25/2006 1559
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 300.0	Date Analyzed:	09/26/2006 1949			
Method: 300.0	Date Analyzed:	09/27/2006 1121			
Sulfate	140	mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:	09/26/2006 1949			
Nitrogen, Nitrate	0.25 U	mg/L	0.25	0.25	1.0
Method: 335.3	Date Analyzed:	10/05/2006 0905			
Prep Method: Distillation	Date Prepared:	09/29/2006 0600			
Cyanide, Total	0.010 U	mg/L	0.010	0.010	1.0
Method: 350.2	Date Analyzed:	09/28/2006 1444			
Prep Method: Distill/Ammonia	Date Prepared:	09/28/2006 1432			
Ammonia	1.0 U	mg/L	1.0	1.0	1.0
Method: 3500 CR D	Date Analyzed:	09/26/2006 0845			
Cr (VI)	0.010 U	mg/L	0.010	0.010	1.0
Method: 351.2	Date Analyzed:	10/04/2006 1218			
Prep Method: 351.2	Date Prepared:	10/03/2006 1116			
TKN	1.0 U	mg/L	1.0	1.0	1.0
Method: 410.1	Date Analyzed:	09/28/2006 1830			
Prep Method: 410.1	Date Prepared:	09/28/2006 0830			
Chemical Oxygen Demand	10	mg/L	10	10	1.0
Method: 420.4	Date Analyzed:	10/04/2006 1359			
Prep Method: Distill/Phenol	Date Prepared:	09/29/2006 1122			
Phenolics, Total Recoverable	0.010 U *	mg/L	0.010	0.010	1.0
Method: 4500 CL B	Date Analyzed:	09/26/2006 1335			
Chloride	120	mg/L	5.0	5.0	1.0

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Job Number: 420-7742-1

Client Sample ID: MW-233 D
Lab Sample ID: 420-7742-11

Date Sampled: 09/25/2006 1559
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 4500 CL B	Date Analyzed:	09/26/2006 1335			
Method: 5210B	Date Analyzed:	09/26/2006 1805			
Biochemical Oxygen Demand	4.0 U	mg/L	4.0	4.0	2.0
Method: 5310_C	Date Analyzed:	10/03/2006 0954			
Total Organic Carbon	1.7	mg/L	1.0	1.0	1.0

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Job Number: 420-7742-1

Client Sample ID: SW - #8
Lab Sample ID: 420-7742-12

Date Sampled: 09/25/2006 1300
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/04/2006 2114			
Prep Method: 5030B	Date Prepared:		10/04/2006 2114			
Chloroform	5.0	U	ug/L	0.70	5.0	1.0
1,1,1-Trichloroethane	5.0	U	ug/L	0.40	5.0	1.0
Carbon tetrachloride	5.0	U	ug/L	1.0	5.0	1.0
Benzene	5.0	U	ug/L	0.40	5.0	1.0
1,2-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Trichloroethene	5.0	U	ug/L	0.70	5.0	1.0
1,2-Dichloropropane	5.0	U	ug/L	0.90	5.0	1.0
Dibromomethane	5.0	U	ug/L	0.60	5.0	1.0
Bromodichloromethane	5.0	U	ug/L	0.40	5.0	1.0
cis-1,3-Dichloropropene	5.0	U	ug/L	0.50	5.0	1.0
4-Methyl-2-pentanone (MIBK)	10	U	ug/L	0.70	10	1.0
Toluene	5.0	U	ug/L	0.30	5.0	1.0
trans-1,3-Dichloropropene	5.0	U	ug/L	0.80	5.0	1.0
1,1,2-Trichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Tetrachloroethene	5.0	U	ug/L	0.50	5.0	1.0
2-Hexanone	10	U	ug/L	0.80	10	1.0
Dibromochloromethane	5.0	U	ug/L	0.50	5.0	1.0
1,2-Dibromoethane	5.0	U	ug/L	0.50	5.0	1.0
Chlorobenzene	5.0	U	ug/L	0.40	5.0	1.0
1,1,1,2-Tetrachloroethane	5.0	U	ug/L	0.70	5.0	1.0
Ethylbenzene	5.0	U	ug/L	1.0	5.0	1.0
Xylenes, Total	5.0	U	ug/L	1.0	5.0	1.0
Styrene	5.0	U	ug/L	0.50	5.0	1.0
Bromoform	5.0	U	ug/L	0.80	5.0	1.0
trans-1,4-Dichloro-2-butene	10	U	ug/L	1.2	10	1.0
1,1,2,2-Tetrachloroethane	5.0	U	ug/L	0.40	5.0	1.0
1,2,3-Trichloropropane	5.0	U	ug/L	1.1	5.0	1.0
1,4-Dichlorobenzene	5.0	U	ug/L	0.50	5.0	1.0
1,2-Dichlorobenzene	5.0	U	ug/L	0.60	5.0	1.0
1,2-Dibromo-3-Chloropropane	5.0	U	ug/L	0.70	5.0	1.0
Acrylonitrile	10	U	ug/L	1.6	10	1.0
Acetone	10	U	ug/L	1.4	10	1.0
Bromochloromethane	5.0	U	ug/L	0.80	5.0	1.0
Carbon disulfide	5.0	U	ug/L	0.90	5.0	1.0
Chloroethane	5.0	U	ug/L	0.80	5.0	1.0
1,1-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,1-Dichloroethene	5.0	U	ug/L	0.70	5.0	1.0
cis-1,2-Dichloroethene	5.0	U	ug/L	0.60	5.0	1.0
trans-1,2-Dichloroethene	5.0	U	ug/L	0.50	5.0	1.0
Bromomethane	5.0	U	ug/L	1.2	5.0	1.0

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Job Number: 420-7742-1

Client Sample ID: SW - #8
Lab Sample ID: 420-7742-12

Date Sampled: 09/25/2006 1300
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/04/2006 2114			
Prep Method: 5030B	Date Prepared:		10/04/2006 2114			
Chloromethane	5.0	U *	ug/L	0.50	5.0	1.0
Methylene Chloride	0.57	J B	ug/L	0.40	5.0	1.0
2-Butanone (MEK)	10	U	ug/L	1.2	10	1.0
Trichlorofluoromethane	5.0	U	ug/L	0.60	5.0	1.0
Vinyl acetate	5.0	U	ug/L	0.20	5.0	1.0
Vinyl chloride	5.0	U	ug/L	0.80	5.0	1.0
Surrogate				Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	118		%		53 - 125	
4-Bromofluorobenzene	110		%		73 - 127	
Dibromofluoromethane	123		%		54 - 137	
Toluene-d8 (Surr)	105		%		63 - 121	

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Job Number: 420-7742-1

Client Sample ID: SW - #8
Lab Sample ID: 420-7742-12

Date Sampled: 09/25/2006 1300
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: DISS-200.7 Rev 4.4		Date Analyzed:	10/12/2006 2249		
Prep Method: 200.7 Appx C		Date Prepared:	09/28/2006 0830		
Al	830	ug/L	200	200	1.0
Sb	60 U	ug/L	60	60	1.0
As	5.0 U	ug/L	5.0	5.0	1.0
Ba	200 U	ug/L	200	200	1.0
Be	5.0 U	ug/L	5.0	5.0	1.0
Cd	5.0 U	ug/L	5.0	5.0	1.0
Ca	41000	ug/L	5000	5000	1.0
Cr	10 U	ug/L	10	10	1.0
Co	50 U	ug/L	50	50	1.0
Cu	25 U	ug/L	25	25	1.0
Fe	1500	ug/L	100	100	1.0
Pb	5.0 U	ug/L	5.0	5.0	1.0
Mg	14000	ug/L	5000	5000	1.0
Ni	40 U	ug/L	40	40	1.0
K	5000 U	ug/L	5000	5000	1.0
Se	10 U	ug/L	10	10	1.0
Ag	10 U*	ug/L	10	10	1.0
Tl	10 U	ug/L	10	10	1.0
Na	26000 V	ug/L	5000	5000	1.0
V	50 U	ug/L	50	50	1.0
Zn	20 U	ug/L	20	20	1.0
B	50 U	ug/L	50	50	1.0
Method: TOT-REC-200.7 Rev 4.4		Date Analyzed:	10/13/2006 2019		
Prep Method: 200.7 Appx C		Date Prepared:	09/28/2006 0833		
Ag	10 U	ug/L	10	10	1.0
Al	940	ug/L	200	200	1.0
As	5.0 U	ug/L	5.0	5.0	1.0
Ba	200 U	ug/L	200	200	1.0
B	50 U	ug/L	50	50	1.0
Be	5.0 U	ug/L	5.0	5.0	1.0
Ca	39000	ug/L	5000	5000	1.0
Cd	5.0 U	ug/L	5.0	5.0	1.0
Co	50 U	ug/L	50	50	1.0
Cr	10 U	ug/L	10	10	1.0
Cu	25 U	ug/L	25	25	1.0
Fe	1500	ug/L	100	100	1.0
K	5000 U	ug/L	5000	5000	1.0
Mg	14000	ug/L	5000	5000	1.0
Na	24000	ug/L	5000	5000	1.0

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Job Number: 420-7742-1

Client Sample ID: SW - #8
Lab Sample ID: 420-7742-12

Date Sampled: 09/25/2006 1300
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: TOT-REC-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
	Date Analyzed:	10/13/2006 2019			
	Date Prepared:	09/28/2006 0833			
Ni	40 U	ug/L	40	40	1.0
Pb	5.0 U	ug/L	5.0	5.0	1.0
Mn	110	ug/L	15	15	1.0
Sb	60 U	ug/L	60	60	1.0
Se	10 U	ug/L	10	10	1.0
V	50 U	ug/L	50	50	1.0
Tl	10 U	ug/L	10	10	1.0
Zn	20 U	ug/L	20	20	1.0
Method: DISS-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
Mn	110	ug/L	15	15	1.0
Method: 245.1					
Prep Method: 245.1					
Hg	0.20 U	ug/L	0.20	0.20	1.0
Method: DISS-245.1					
Prep Method: 245.1					
Hg	0.20 U	ug/L	0.20	0.20	1.0
Method: 2340B					
Date Analyzed: 10/13/2006 1831					
Hardness as calcium carbonate	150	mg/L	2.5	2.5	1.0
Method: 110.2					
Date Analyzed: 09/27/2006 1106					
Color	200	Color Units	25	25	10
Method: 160.1					
Date Analyzed: 09/29/2006 1330					
Total Dissolved Solids	240	mg/L	5.0	5.0	1.0
Method: 2320B					
Date Analyzed: 09/26/2006 1236					
Alkalinity	120	mg/L	5.0	5.0	1.0

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Job Number: 420-7742-1

Client Sample ID: SW - #8
Lab Sample ID: 420-7742-12

Date Sampled: 09/25/2006 1300
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 300.0	Date Analyzed:	09/26/2006 2000			
Bromide	1.0 U	mg/L	1.0	1.0	1.0
Sulfate	22	mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:	09/26/2006 2000			
Nitrogen, Nitrate	0.69	mg/L	0.25	0.25	1.0
Method: 335.3	Date Analyzed:	10/05/2006 0906			
Prep Method: Distillation	Date Prepared:	09/29/2006 0600			
Cyanide, Total	0.010 U	mg/L	0.010	0.010	1.0
Method: 350.2	Date Analyzed:	09/28/2006 1444			
Prep Method: Distill/Ammonia	Date Prepared:	09/28/2006 1432			
Ammonia	1.0 U	mg/L	1.0	1.0	1.0
Method: 3500 CR D	Date Analyzed:	09/26/2006 0845			
Cr (VI)	0.010	mg/L	0.010	0.010	1.0
Method: 351.2	Date Analyzed:	10/04/2006 1219			
Prep Method: 351.2	Date Prepared:	10/03/2006 1116			
TKN	1.0	mg/L	1.0	1.0	1.0
Method: 410.1	Date Analyzed:	09/28/2006 1830			
Prep Method: 410.1	Date Prepared:	09/28/2006 0830			
Chemical Oxygen Demand	30	mg/L	10	10	1.0
Method: 420.4	Date Analyzed:	10/04/2006 1400			
Prep Method: Distill/Phenol	Date Prepared:	09/29/2006 1122			
Phenolics, Total Recoverable	0.010 U *	mg/L	0.010	0.010	1.0
Method: 4500 CL B	Date Analyzed:	09/26/2006 1335			
Chloride	50	mg/L	5.0	5.0	1.0

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Job Number: 420-7742-1

Client Sample ID: SW - #8
Lab Sample ID: 420-7742-12

Date Sampled: 09/25/2006 1300
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 5210B	Date Analyzed:	09/26/2006 1805			
Biochemical Oxygen Demand	4.0 U	mg/L	4.0	4.0	2.0
Method: 5310_C	Date Analyzed:	10/03/2006 0954			
Total Organic Carbon	7.9	mg/L	1.0	1.0	1.0

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Job Number: 420-7742-1

Client Sample ID: SW - #5
Lab Sample ID: 420-7742-13

Date Sampled: 09/25/2006 1336
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/04/2006 2141			
Prep Method: 5030B	Date Prepared:		10/04/2006 2141			
Chloroform	5.0	U	ug/L	0.70	5.0	1.0
1,1,1-Trichloroethane	5.0	U	ug/L	0.40	5.0	1.0
Carbon tetrachloride	5.0	U	ug/L	1.0	5.0	1.0
Benzene	5.0	U	ug/L	0.40	5.0	1.0
1,2-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Trichloroethene	5.0	U	ug/L	0.70	5.0	1.0
1,2-Dichloropropane	5.0	U	ug/L	0.90	5.0	1.0
Dibromomethane	5.0	U	ug/L	0.60	5.0	1.0
Bromodichloromethane	5.0	U	ug/L	0.40	5.0	1.0
cis-1,3-Dichloropropene	5.0	U	ug/L	0.50	5.0	1.0
4-Methyl-2-pentanone (MIBK)	10	U	ug/L	0.70	10	1.0
Toluene	5.0	U	ug/L	0.30	5.0	1.0
trans-1,3-Dichloropropene	5.0	U	ug/L	0.80	5.0	1.0
1,1,2-Trichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Tetrachloroethene	5.0	U	ug/L	0.50	5.0	1.0
2-Hexanone	10	U	ug/L	0.80	10	1.0
Dibromochloromethane	5.0	U	ug/L	0.50	5.0	1.0
1,2-Dibromoethane	5.0	U	ug/L	0.50	5.0	1.0
Chlorobenzene	5.0	U	ug/L	0.40	5.0	1.0
1,1,1,2-Tetrachloroethane	5.0	U	ug/L	0.70	5.0	1.0
Ethylbenzene	5.0	U	ug/L	1.0	5.0	1.0
Xylenes, Total	5.0	U	ug/L	1.0	5.0	1.0
Styrene	5.0	U	ug/L	0.50	5.0	1.0
Bromoform	5.0	U	ug/L	0.80	5.0	1.0
trans-1,4-Dichloro-2-butene	10	U	ug/L	1.2	10	1.0
1,1,2,2-Tetrachloroethane	5.0	U	ug/L	0.40	5.0	1.0
1,2,3-Trichloropropane	5.0	U	ug/L	1.1	5.0	1.0
1,4-Dichlorobenzene	5.0	U	ug/L	0.50	5.0	1.0
1,2-Dichlorobenzene	5.0	U	ug/L	0.60	5.0	1.0
1,2-Dibromo-3-Chloropropane	5.0	U	ug/L	0.70	5.0	1.0
Acrylonitrile	10	U	ug/L	1.6	10	1.0
Acetone	1.6	J	ug/L	1.4	10	1.0
Bromochloromethane	5.0	U	ug/L	0.80	5.0	1.0
Carbon disulfide	5.0	U	ug/L	0.90	5.0	1.0
Chloroethane	5.0	U	ug/L	0.80	5.0	1.0
1,1-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,1-Dichloroethene	5.0	U	ug/L	0.70	5.0	1.0
cis-1,2-Dichloroethene	5.0	U	ug/L	0.60	5.0	1.0
trans-1,2-Dichloroethene	5.0	U	ug/L	0.50	5.0	1.0
Bromomethane	5.0	U	ug/L	1.2	5.0	1.0

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Job Number: 420-7742-1

Client Sample ID: SW - #5
Lab Sample ID: 420-7742-13

Date Sampled: 09/25/2006 1336
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/04/2006 2141			
Prep Method: 5030B	Date Prepared:		10/04/2006 2141			
Chloromethane	5.0	U *	ug/L	0.50	5.0	1.0
Methylene Chloride	0.61	J B	ug/L	0.40	5.0	1.0
2-Butanone (MEK)	10	U	ug/L	1.2	10	1.0
Trichlorofluoromethane	5.0	U	ug/L	0.60	5.0	1.0
Vinyl acetate	5.0	U	ug/L	0.20	5.0	1.0
Vinyl chloride	5.0	U	ug/L	0.80	5.0	1.0
Surrogate				Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	117		%		53 - 125	
4-Bromofluorobenzene	112		%		73 - 127	
Dibromofluoromethane	126		%		54 - 137	
Toluene-d8 (Surr)	105		%		63 - 121	

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Job Number: 420-7742-1

Client Sample ID: SW - #5
Lab Sample ID: 420-7742-13

Date Sampled: 09/25/2006 1336
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: DISS-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
	Date Analyzed:	10/12/2006 2255			
	Date Prepared:	09/28/2006 0830			
Al	360	ug/L	200	200	1.0
Sb	60 U	ug/L	60	60	1.0
As	5.0 U	ug/L	5.0	5.0	1.0
Ba	200 U	ug/L	200	200	1.0
Be	5.0 U	ug/L	5.0	5.0	1.0
Cd	5.0 U	ug/L	5.0	5.0	1.0
Ca	40000	ug/L	5000	5000	1.0
Cr	10 U	ug/L	10	10	1.0
Co	50 U	ug/L	50	50	1.0
Cu	25 U	ug/L	25	25	1.0
Fe	910	ug/L	100	100	1.0
Pb	5.0 U	ug/L	5.0	5.0	1.0
Mg	14000	ug/L	5000	5000	1.0
Ni	40 U	ug/L	40	40	1.0
K	5000 U	ug/L	5000	5000	1.0
Se	10 U	ug/L	10	10	1.0
Ag	10 U *	ug/L	10	10	1.0
Tl	10 U	ug/L	10	10	1.0
Na	26000 V	ug/L	5000	5000	1.0
V	50 U	ug/L	50	50	1.0
B	50 U	ug/L	50	50	1.0
Method: TOT-REC-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
	Date Analyzed:	10/13/2006 2025			
	Date Prepared:	09/28/2006 0833			
Ag	10 U	ug/L	10	10	1.0
Al	340	ug/L	200	200	1.0
As	5.0 U	ug/L	5.0	5.0	1.0
Ba	200 U	ug/L	200	200	1.0
B	50 U	ug/L	50	50	1.0
Be	5.0 U	ug/L	5.0	5.0	1.0
Ca	39000	ug/L	5000	5000	1.0
Cd	5.0 U	ug/L	5.0	5.0	1.0
Co	50 U	ug/L	50	50	1.0
Cr	10 U	ug/L	10	10	1.0
Cu	25 U	ug/L	25	25	1.0
Fe	820	ug/L	100	100	1.0
K	5000 U	ug/L	5000	5000	1.0
Mg	14000	ug/L	5000	5000	1.0
Na	25000	ug/L	5000	5000	1.0
Ni	40 U	ug/L	40	40	1.0

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499 Col. Eileen Collins Blvd
Syracuse, NY 13212

Job Number: 420-7742-1

Client Sample ID: SW - #5
Lab Sample ID: 420-7742-13

Date Sampled: 09/25/2006 1336
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: TOT-REC-200.7 Rev 4.4	Date Analyzed:		10/13/2006	2025		
Prep Method: 200.7 Appx C	Date Prepared:		09/28/2006	0833		
Pb	5.0	U	ug/L	5.0	5.0	1.0
Mn	93		ug/L	15	15	1.0
Sb	60	U	ug/L	60	60	1.0
Se	10	U	ug/L	10	10	1.0
V	50	U	ug/L	50	50	1.0
Tl	10	U	ug/L	10	10	1.0
Zn	20	U	ug/L	20	20	1.0
Method: DISS-200.7 Rev 4.4	Date Analyzed:		10/16/2006	1716		
Prep Method: 200.7 Appx C	Date Prepared:		09/28/2006	0830		
Mn	95		ug/L	15	15	1.0
Zn	20	U	ug/L	20	20	1.0
Method: 245.1	Date Analyzed:		10/02/2006	1421		
Prep Method: 245.1	Date Prepared:		09/29/2006	1400		
Hg	0.20	U	ug/L	0.20	0.20	1.0
Method: DISS-245.1	Date Analyzed:		10/04/2006	1523		
Prep Method: 245.1	Date Prepared:		10/04/2006	1015		
Hg	0.20	U	ug/L	0.20	0.20	1.0
Method: 2340B	Date Analyzed:		10/13/2006	1831		
Hardness as calcium carbonate	150		mg/L	2.5	2.5	1.0
Method: 110.2	Date Analyzed:		09/27/2006	1108		
Color	300		Color Units	25	25	10
Method: 160.1	Date Analyzed:		09/29/2006	1330		
Total Dissolved Solids	250		mg/L	5.0	5.0	1.0
Method: 2320B	Date Analyzed:		09/26/2006	1236		
Alkalinity	120		mg/L	5.0	5.0	1.0

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Job Number: 420-7742-1

Client Sample ID: SW - #5
Lab Sample ID: 420-7742-13

Date Sampled: 09/25/2006 1336
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 300.0	Date Analyzed:	09/27/2006 0749			
Bromide	1.0 U	mg/L	1.0	1.0	1.0
Sulfate	23	mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:	09/27/2006 0749			
Nitrogen, Nitrate	0.69	mg/L	0.25	0.25	1.0
Method: 335.3	Date Analyzed:	10/05/2006 0907			
Prep Method: Distillation	Date Prepared:	09/29/2006 0600			
Cyanide, Total	0.010 U	mg/L	0.010	0.010	1.0
Method: 350.2	Date Analyzed:	09/28/2006 1444			
Prep Method: Distill/Ammonia	Date Prepared:	09/28/2006 1432			
Ammonia	1.0 U	mg/L	1.0	1.0	1.0
Method: 3500 CR D	Date Analyzed:	09/26/2006 0845			
Cr (VI)	0.010 U	mg/L	0.010	0.010	1.0
Method: 351.2	Date Analyzed:	10/04/2006 1220			
Prep Method: 351.2	Date Prepared:	10/03/2006 1116			
TKN	1.6	mg/L	1.0	1.0	1.0
Method: 410.1	Date Analyzed:	09/28/2006 1830			
Prep Method: 410.1	Date Prepared:	09/28/2006 0830			
Chemical Oxygen Demand	28	mg/L	10	10	1.0
Method: 420.4	Date Analyzed:	10/04/2006 1401			
Prep Method: Distill/Phenol	Date Prepared:	09/29/2006 1122			
Phenolics, Total Recoverable	0.010 U *	mg/L	0.010	0.010	1.0
Method: 4500 CL B	Date Analyzed:	09/26/2006 1335			
Chloride	48	mg/L	5.0	5.0	1.0

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Job Number: 420-7742-1

Client Sample ID: SW - #5
Lab Sample ID: 420-7742-13

Date Sampled: 09/25/2006 1336
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 5210B	Date Analyzed:	09/26/2006 1805			
Biochemical Oxygen Demand	4.0 U	mg/L	4.0	4.0	2.0
Method: 5310_C	Date Analyzed:	10/03/2006 0954			
Total Organic Carbon	8.9	mg/L	1.0	1.0	1.0

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Job Number: 420-7742-1

Client Sample ID: TRIP BLANKS
Lab Sample ID: 420-7742-14

Date Sampled: 09/25/2006 0740
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:	10/05/2006 1404			
Prep Method: 5030B	Date Prepared:	10/05/2006 1404			
Chloroform	5.0 U *	ug/L	0.70	5.0	1.0
1,1,1-Trichloroethane	5.0 U *	ug/L	0.40	5.0	1.0
Carbon tetrachloride	5.0 U *	ug/L	1.0	5.0	1.0
Benzene	5.0 U *	ug/L	0.40	5.0	1.0
1,2-Dichloroethane	5.0 U *	ug/L	0.60	5.0	1.0
Trichloroethene	5.0 U *	ug/L	0.70	5.0	1.0
1,2-Dichloropropane	5.0 U *	ug/L	0.90	5.0	1.0
Dibromomethane	5.0 U	ug/L	0.60	5.0	1.0
Bromodichloromethane	5.0 U *	ug/L	0.40	5.0	1.0
cis-1,3-Dichloropropene	5.0 U *	ug/L	0.50	5.0	1.0
4-Methyl-2-pentanone (MIBK)	10 U *	ug/L	0.70	10	1.0
Toluene	5.0 U *	ug/L	0.30	5.0	1.0
trans-1,3-Dichloropropene	5.0 U *	ug/L	0.80	5.0	1.0
1,1,2-Trichloroethane	5.0 U *	ug/L	0.60	5.0	1.0
Tetrachloroethene	5.0 U *	ug/L	0.50	5.0	1.0
2-Hexanone	10 U *	ug/L	0.80	10	1.0
Dibromochloromethane	5.0 U *	ug/L	0.50	5.0	1.0
1,2-Dibromoethane	5.0 U	ug/L	0.50	5.0	1.0
Chlorobenzene	5.0 U *	ug/L	0.40	5.0	1.0
1,1,1,2-Tetrachloroethane	5.0 U	ug/L	0.70	5.0	1.0
Ethylbenzene	5.0 U *	ug/L	1.0	5.0	1.0
Xylenes, Total	5.0 U *	ug/L	1.0	5.0	1.0
Styrene	5.0 U *	ug/L	0.50	5.0	1.0
Bromoform	5.0 U *	ug/L	0.80	5.0	1.0
trans-1,4-Dichloro-2-butene	10 U	ug/L	1.2	10	1.0
1,1,2,2-Tetrachloroethane	5.0 U *	ug/L	0.40	5.0	1.0
1,2,3-Trichloropropane	5.0 U	ug/L	1.1	5.0	1.0
1,4-Dichlorobenzene	5.0 U *	ug/L	0.50	5.0	1.0
1,2-Dichlorobenzene	5.0 U *	ug/L	0.60	5.0	1.0
1,2-Dibromo-3-Chloropropane	5.0 U	ug/L	0.70	5.0	1.0
Acrylonitrile	10 U	ug/L	1.6	10	1.0
Acetone	1.5 J	ug/L	1.4	10	1.0
Bromochloromethane	5.0 U	ug/L	0.80	5.0	1.0
Carbon disulfide	5.0 U *	ug/L	0.90	5.0	1.0
Chloroethane	5.0 U *	ug/L	0.80	5.0	1.0
1,1-Dichloroethane	5.0 U *	ug/L	0.60	5.0	1.0
1,1-Dichloroethene	5.0 U *	ug/L	0.70	5.0	1.0
cis-1,2-Dichloroethene	5.0 U *	ug/L	0.60	5.0	1.0
trans-1,2-Dichloroethene	5.0 U *	ug/L	0.50	5.0	1.0
Bromomethane	5.0 U *	ug/L	1.2	5.0	1.0

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Job Number: 420-7742-1

Client Sample ID: TRIP BLANKS
Lab Sample ID: 420-7742-14

Date Sampled: 09/25/2006 0740
Date Received: 09/26/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/05/2006 1404			
Prep Method: 5030B	Date Prepared:		10/05/2006 1404			
Chloromethane	5.0	U *	ug/L	0.50	5.0	1.0
Methylene Chloride	0.82	J B *	ug/L	0.40	5.0	1.0
2-Butanone (MEK)	10	U	ug/L	1.2	10	1.0
Trichlorofluoromethane	5.0	U	ug/L	0.60	5.0	1.0
Vinyl acetate	5.0	U	ug/L	0.20	5.0	1.0
Vinyl chloride	5.0	U *	ug/L	0.80	5.0	1.0
Surrogate	Acceptance Limits					
1,2-Dichloroethane-d4 (Surr)	115		%		53 - 125	
4-Bromofluorobenzene	114		%		73 - 127	
Dibromofluoromethane	116		%		54 - 137	
Toluene-d8 (Surr)	110		%		63 - 121	

DATA REPORTING QUALIFIERS

Client: C & S Engineers

Job Number: 420-7742-1

Lab Section	Qualifier	Description
GC/MS VOA	*	LCS or LCSD exceeds the control limits
	B	Compound was found in the blank and sample.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	U	Indicates the analyte was analyzed for but not detected.
Metals	*	LCS or LCSD exceeds the control limits
	U	Indicates the analyte was analyzed for but not detected.
	V	Serial Dilution exceeds the control limits
General Chemistry	*	LCS or LCSD exceeds the control limits
	H	Sample was prepped or analyzed beyond the specified holding time
	U	Indicates the analyte was analyzed for but not detected.



STL

ANALYTICAL REPORT

Job Number: 420-7894-1

Job Description: Orange County Landfill

For:
C & S Engineers
499 Col. Eileen Collins Blvd
Syracuse, NY 13212

Attention: Christen Craig

A handwritten signature in black ink, appearing to read "Lynn Kuhl".

Lynn Kuhl
Project Manager II
lkuhl@stl-inc.com
11/07/2006

Project Manager: Lynn Kuhl

Severn Trent Laboratories, Inc.

STL Newburgh 315 Fullerton Avenue, Newburgh, NY 12550
Tel (845) 562-0890 Fax (845) 562-0841 www.stl-inc.com



METHOD SUMMARY

Client: C & S Engineers

Job Number: 420-7894-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds by GC/MS	STL CT	SW846 8260B	
Purge-and-Trap	STL CT		SW846 5030B
ICP Metals by 200.7	STL NEW	EPA 200.7 Rev 4.4	
Total Recoverable Metals Digestion for 200.7	STL NEW		40CFR136A 200.7 Appx C
Sample Filtration performed in the Field	STL NEW		FIELD_FLTRD
Mercury in Water by CVAA	STL NEW	EPA 245.1	
Digestion for CVAA Mercury in Waters	STL NEW		EPA 245.1
Sample Filtration performed in the Field	STL NEW		FIELD_FLTRD
Hardness by Calculation	STL NEW	SM20 2340B	
Color, Colorimetric	STL NEW	MCAWW 110.2	
Residue, Filterable, Gravimetric, Dried at 180°C (TDS)	STL NEW	MCAWW 160.1	
Alkalinity, Titration Method	STL NEW	SM18 2320B	
Anions by Ion Chromatography	STL NEW	EPA-04 300.0	
Anions by Ion Chromatography	STL NEW	EPA-04 300.0	
Cyanide (Total, Colorimetric, Automated UV)	STL NEW	MCAWW 335.3	
Distillation/Cyanide	STL NEW		Distillation
Nitrogen (Ammonia Distillation Procedure)	STL NEW	MCAWW 350.2	
Distillation/Ammonia	STL NEW		Distill/Ammonia
Chromium, Hexavalent (Colorimetric)	STL NEW	SM18 3500 CR D	
Nitrogen, Total Kjeldahl (Colorimetric, Semi-Automated Block Digester, AAll)	STL CT	MCAWW 351.2	
Nitrogen, Total Kjeldahl (Colorimetric,	STL CT		MCAWW 351.2
Chemical Oxygen Demand, Titrimetric	STL NEW	MCAWW 410.1	
Chemical Oxygen Demand, Titrimetric, Prep	STL NEW		MCAWW 410.1
Chemical Oxygen Demand (Colorimetric, Automated; Manual)	STL NEW	MCAWW 410.4	
Phenolics (Total Recoverable, Colorimetric, Semi-Automated, with Distillation)	STL NEW	MCAWW 420.4	
Distillation/Phenolics	STL NEW		Distill/Phenol
Chloride by Silver Nitrate Titration	STL NEW	SM18 4500 CL B	
5 Day BOD test	STL NEW	SM20 5210B	
Total Organic Carbon/Persulfate - Ultraviolet Oxidation Method	STL NEW	SM18 5310_C	

STL Newburgh

METHOD SUMMARY

Client: C & S Engineers

Job Number: 420-7894-1

LAB REFERENCES:

STL CT = STL Connecticut

STL NEW = STL Newburgh

METHOD REFERENCES:

EPA - US Environmental Protection Agency

EPA-04 - "Methods For The Determination Of Inorganic Substances In Environmental Samples", EPA/600/R-93/100, August 1993.

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

SM18 - "Standard Methods For The Examination Of Water And Wastewater", 18th Edition, 1992.

SM20 - "Standard Methods For The Examination Of Water And Wastewater", 20th Edition."

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

SAMPLE SUMMARY

Client: C & S Engineers

Job Number: 420-7894-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
420-7894-1	MW #304D	Water	09/29/2006 1026	09/29/2006 1530
420-7894-2	MW #234S	Water	09/29/2006 1301	09/29/2006 1530
420-7894-3	MW #234D	Water	09/29/2006 1356	09/29/2006 1530
420-7894-4	MW #312S	Water	09/29/2006 1419	09/29/2006 1530
420-7894-5	MH #15	Water	09/29/2006 1128	09/29/2006 1530
420-7894-6	MH #7	Water	09/29/2006 1201	09/29/2006 1530

Christen Craig
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499 Col. Eileen Collins Blvd
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Job Number: 420-7894-1

Client Sample ID: MW #304D
Lab Sample ID: 420-7894-1

Date Sampled: 09/29/2006 1026
Date Received: 09/29/2006 1530
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/06/2006 1938			
Prep Method: 5030B	Date Prepared:		10/06/2006 1938			
Chloroform	5.0	U	ug/L	0.70	5.0	1.0
1,1,1-Trichloroethane	5.0	U	ug/L	0.40	5.0	1.0
Carbon tetrachloride	5.0	U	ug/L	1.0	5.0	1.0
Benzene	5.0	U	ug/L	0.40	5.0	1.0
1,2-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Trichloroethene	5.0	U	ug/L	0.70	5.0	1.0
1,2-Dichloropropane	5.0	U	ug/L	0.90	5.0	1.0
Dibromomethane	5.0	U	ug/L	0.60	5.0	1.0
Bromodichloromethane	5.0	U	ug/L	0.40	5.0	1.0
cis-1,3-Dichloropropene	5.0	U	ug/L	0.50	5.0	1.0
4-Methyl-2-pentanone (MIBK)	10	U	ug/L	0.70	10	1.0
Toluene	5.0	U	ug/L	0.30	5.0	1.0
trans-1,3-Dichloropropene	5.0	U	ug/L	0.80	5.0	1.0
1,1,2-Trichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Tetrachloroethene	5.0	U	ug/L	0.50	5.0	1.0
2-Hexanone	10	U	ug/L	0.80	10	1.0
Dibromochloromethane	5.0	U	ug/L	0.50	5.0	1.0
1,2-Dibromoethane	5.0	U	ug/L	0.50	5.0	1.0
Chlorobenzene	5.0	U	ug/L	0.40	5.0	1.0
1,1,1,2-Tetrachloroethane	5.0	U	ug/L	0.70	5.0	1.0
Ethylbenzene	5.0	U	ug/L	1.0	5.0	1.0
Xylenes, Total	5.0	U	ug/L	1.0	5.0	1.0
Styrene	5.0	U	ug/L	0.50	5.0	1.0
Bromoform	5.0	U	ug/L	0.80	5.0	1.0
trans-1,4-Dichloro-2-butene	10	U	ug/L	1.2	10	1.0
1,1,2,2-Tetrachloroethane	5.0	U	ug/L	0.40	5.0	1.0
1,2,3-Trichloropropane	5.0	U	ug/L	1.1	5.0	1.0
1,4-Dichlorobenzene	5.0	U	ug/L	0.50	5.0	1.0
1,2-Dichlorobenzene	5.0	U	ug/L	0.60	5.0	1.0
1,2-Dibromo-3-Chloropropane	5.0	U	ug/L	0.70	5.0	1.0
Acrylonitrile	10	U	ug/L	1.6	10	1.0
Acetone	10	U	ug/L	1.4	10	1.0
Bromochloromethane	5.0	U	ug/L	0.80	5.0	1.0
Carbon disulfide	5.0	U	ug/L	0.90	5.0	1.0
Chloroethane	5.0	U	ug/L	0.80	5.0	1.0
1,1-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,1-Dichloroethene	5.0	U	ug/L	0.70	5.0	1.0
cis-1,2-Dichloroethene	5.0	U	ug/L	0.60	5.0	1.0
trans-1,2-Dichloroethene	5.0	U	ug/L	0.50	5.0	1.0
Bromomethane	5.0	U	ug/L	1.2	5.0	1.0

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Job Number: 420-7894-1

Client Sample ID: MW #304D
Lab Sample ID: 420-7894-1

Date Sampled: 09/29/2006 1026
Date Received: 09/29/2006 1530
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/06/2006 1938			
Prep Method: 5030B	Date Prepared:		10/06/2006 1938			
Chloromethane	5.0	U	ug/L	0.50	5.0	1.0
Methylene Chloride	5.0	U	ug/L	0.40	5.0	1.0
2-Butanone (MEK)	10	U	ug/L	1.2	10	1.0
Trichlorofluoromethane	5.0	U	ug/L	0.60	5.0	1.0
Vinyl acetate	5.0	U	ug/L	0.20	5.0	1.0
Vinyl chloride	5.0	U	ug/L	0.80	5.0	1.0
Surrogate				Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	89		%		53 - 125	
4-Bromofluorobenzene	100		%		73 - 127	
Dibromofluoromethane	104		%		54 - 137	
Toluene-d8 (Surr)	106		%		63 - 121	
Method: 351.2	Date Analyzed:		10/18/2006 1809			
Prep Method: 351.2	Date Prepared:		10/13/2006 1633			
Nitrogen, Kjeldahl	1.9		mg/L	0.11	0.20	2.0

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Job Number: 420-7894-1

Client Sample ID: MW #304D
Lab Sample ID: 420-7894-1

Date Sampled: 09/29/2006 1026
Date Received: 09/29/2006 1530
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: TOT-REC-200.7 Rev 4.4		Date Analyzed: 10/18/2006 1217			
Prep Method: 200.7 Appx C		Date Prepared: 10/02/2006 0907			
Ag	10 U *	ug/L	10	10	1.0
Al	410	ug/L	200	200	1.0
As	5.0 U	ug/L	5.0	5.0	1.0
Ba	200 U	ug/L	200	200	1.0
B	63	ug/L	50	50	1.0
Be	5.0 U	ug/L	5.0	5.0	1.0
Ca	99000	ug/L	5000	5000	1.0
Cd	5.0 U	ug/L	5.0	5.0	1.0
Co	50 U	ug/L	50	50	1.0
Cr	10 U	ug/L	10	10	1.0
Cu	25 U	ug/L	25	25	1.0
Fe	4500	ug/L	100	100	1.0
K	7100	ug/L	5000	5000	1.0
Mg	24000	ug/L	5000	5000	1.0
Na	37000	ug/L	5000	5000	1.0
Ni	40 U	ug/L	40	40	1.0
Pb	5.0 U	ug/L	5.0	5.0	1.0
Mn	550	ug/L	15	15	1.0
Sb	60 U	ug/L	60	60	1.0
Se	10 U	ug/L	10	10	1.0
V	50 U	ug/L	50	50	1.0
Tl	10 U	ug/L	10	10	1.0
Zn	31	ug/L	20	20	1.0
Method: DISS-200.7 Rev 4.4		Date Analyzed: 10/18/2006 1250			
Prep Method: 200.7 Appx C		Date Prepared: 10/03/2006 0844			
Al	200 U	ug/L	200	200	1.0
Sb	60 U	ug/L	60	60	1.0
As	6.5	ug/L	5.0	5.0	1.0
Ba	210	ug/L	200	200	1.0
Be	5.0 U	ug/L	5.0	5.0	1.0
Cd	5.0 U	ug/L	5.0	5.0	1.0
Ca	130000	ug/L	5000	5000	1.0
Cr	10 U	ug/L	10	10	1.0
Co	50 U	ug/L	50	50	1.0
Cu	25 U	ug/L	25	25	1.0
Fe	7400	ug/L	100	100	1.0
Pb	5.0 U	ug/L	5.0	5.0	1.0
Mg	28000	ug/L	5000	5000	1.0
Mn	850	ug/L	15	15	1.0

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Job Number: 420-7894-1

Client Sample ID: MW #304D
Lab Sample ID: 420-7894-1

Date Sampled: 09/29/2006 1026
Date Received: 09/29/2006 1530
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: DISS-200.7 Rev 4.4					
Date Analyzed: 10/18/2006 1250					
Prep Method: 200.7 Appx C					
Date Prepared: 10/03/2006 0844					
Ni	40 U	ug/L	40	40	1.0
K	7400	ug/L	5000	5000	1.0
Se	10 U	ug/L	10	10	1.0
Ag	10 U	ug/L	10	10	1.0
Tl	10 U	ug/L	10	10	1.0
Na	30000	ug/L	5000	5000	1.0
V	50 U	ug/L	50	50	1.0
Zn	20 U	ug/L	20	20	1.0
B	93	ug/L	50	50	1.0
Method: 245.1					
Date Analyzed: 10/05/2006 1430					
Prep Method: 245.1					
Date Prepared: 10/04/2006 1245					
Hg	0.20 U	ug/L	0.20	0.20	1.0
Method: DISS-245.1					
Date Analyzed: 10/09/2006 1246					
Prep Method: 245.1					
Date Prepared: 10/06/2006 1345					
Hg	0.20 U	ug/L	0.20	0.20	1.0
Method: 2340B					
Date Analyzed: 10/18/2006 1216					
Hardness as calcium carbonate	340	mg/L	2.5	2.5	1.0
Method: 110.2					
Date Analyzed: 09/29/2006 1704					
Color	30	Color Units	2.5	2.5	1.0
Method: 160.1					
Date Analyzed: 10/06/2006 1300					
Total Dissolved Solids	580	mg/L	5.0	5.0	1.0
Method: 2320B					
Date Analyzed: 10/07/2006 0901					
Alkalinity	210	mg/L	5.0	5.0	1.0
Method: 300.0					
Date Analyzed: 09/29/2006 1946					
Bromide	1.0 U	mg/L	1.0	1.0	1.0

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Job Number: 420-7894-1

Client Sample ID: MW #304D
Lab Sample ID: 420-7894-1

Date Sampled: 09/29/2006 1026
Date Received: 09/29/2006 1530
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 300.0	Date Analyzed:	09/29/2006 1946			
Method: 300.0	Date Analyzed:	10/04/2006 1317			
Sulfate	170	mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:	10/04/2006 1317			
Nitrogen, Nitrate	0.25 U H	mg/L	0.25	0.25	1.0
Method: 335.3	Date Analyzed:	10/05/2006 0828			
Prep Method: Distillation	Date Prepared:	10/02/2006 0545			
Cyanide, Total	0.010 U	mg/L	0.010	0.010	1.0
Method: 350.2	Date Analyzed:	10/03/2006 0915			
Prep Method: Distill/Ammonia	Date Prepared:	10/03/2006 0911			
Ammonia	3.3	mg/L	1.0	1.0	1.0
Method: 3500 CR D	Date Analyzed:	09/30/2006 0800			
Cr (VI)	0.010 U	mg/L	0.010	0.010	1.0
Method: 410.1	Date Analyzed:	10/05/2006 1730			
Prep Method: 410.1	Date Prepared:	10/05/2006 1100			
Chemical Oxygen Demand	12	mg/L	10	10	1.0
Method: 420.4	Date Analyzed:	10/04/2006 1507			
Prep Method: Distill/Phenol	Date Prepared:	10/03/2006 1126			
Phenolics, Total Recoverable	0.010 U	mg/L	0.010	0.010	1.0
Method: 4500 CL B	Date Analyzed:	10/03/2006 1145			
Chloride	52	mg/L	5.0	5.0	1.0
Method: 5210B	Date Analyzed:	09/29/2006 1641			
Biochemical Oxygen Demand	4.0 U	mg/L	4.0	4.0	2.0

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Job Number: 420-7894-1

Client Sample ID: MW #304D
Lab Sample ID: 420-7894-1

Date Sampled: 09/29/2006 1026
Date Received: 09/29/2006 1530
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 5210B	Date Analyzed:	09/29/2006 1641			
Method: 5310_C	Date Analyzed:	10/17/2006 1055			
Total Organic Carbon	3.3	mg/L	1.0	1.0	1.0

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Job Number: 420-7894-1

Client Sample ID: MW #234S
Lab Sample ID: 420-7894-2

Date Sampled: 09/29/2006 1301
Date Received: 09/29/2006 1530
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/06/2006 2004			
Prep Method: 5030B	Date Prepared:		10/06/2006 2004			
Chloroform	5.0	U	ug/L	0.70	5.0	1.0
1,1,1-Trichloroethane	5.0	U	ug/L	0.40	5.0	1.0
Carbon tetrachloride	5.0	U	ug/L	1.0	5.0	1.0
Benzene	5.0	U	ug/L	0.40	5.0	1.0
1,2-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Trichloroethene	5.0	U	ug/L	0.70	5.0	1.0
1,2-Dichloropropane	5.0	U	ug/L	0.90	5.0	1.0
Dibromomethane	5.0	U	ug/L	0.60	5.0	1.0
Bromodichloromethane	5.0	U	ug/L	0.40	5.0	1.0
cis-1,3-Dichloropropene	5.0	U	ug/L	0.50	5.0	1.0
4-Methyl-2-pentanone (MIBK)	10	U	ug/L	0.70	10	1.0
Toluene	5.0	U	ug/L	0.30	5.0	1.0
trans-1,3-Dichloropropene	5.0	U	ug/L	0.80	5.0	1.0
1,1,2-Trichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Tetrachloroethene	5.0	U	ug/L	0.50	5.0	1.0
2-Hexanone	10	U	ug/L	0.80	10	1.0
Dibromochloromethane	5.0	U	ug/L	0.50	5.0	1.0
1,2-Dibromoethane	5.0	U	ug/L	0.50	5.0	1.0
Chlorobenzene	5.0	U	ug/L	0.40	5.0	1.0
1,1,1,2-Tetrachloroethane	5.0	U	ug/L	0.70	5.0	1.0
Ethylbenzene	5.0	U	ug/L	1.0	5.0	1.0
Xylenes, Total	5.0	U	ug/L	1.0	5.0	1.0
Styrene	5.0	U	ug/L	0.50	5.0	1.0
Bromoform	5.0	U	ug/L	0.80	5.0	1.0
trans-1,4-Dichloro-2-butene	10	U	ug/L	1.2	10	1.0
1,1,2,2-Tetrachloroethane	5.0	U	ug/L	0.40	5.0	1.0
1,2,3-Trichloropropane	5.0	U	ug/L	1.1	5.0	1.0
1,4-Dichlorobenzene	5.0	U	ug/L	0.50	5.0	1.0
1,2-Dichlorobenzene	5.0	U	ug/L	0.60	5.0	1.0
1,2-Dibromo-3-Chloropropane	5.0	U	ug/L	0.70	5.0	1.0
Acrylonitrile	10	U	ug/L	1.6	10	1.0
Acetone	10	U	ug/L	1.4	10	1.0
Bromochloromethane	5.0	U	ug/L	0.80	5.0	1.0
Carbon disulfide	5.0	U	ug/L	0.90	5.0	1.0
Chloroethane	5.0	U	ug/L	0.80	5.0	1.0
1,1-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,1-Dichloroethene	5.0	U	ug/L	0.70	5.0	1.0
cis-1,2-Dichloroethene	5.0	U	ug/L	0.60	5.0	1.0
trans-1,2-Dichloroethene	5.0	U	ug/L	0.50	5.0	1.0
Bromomethane	5.0	U	ug/L	1.2	5.0	1.0

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Job Number: 420-7894-1

Client Sample ID: MW #234S
Lab Sample ID: 420-7894-2

Date Sampled: 09/29/2006 1301
Date Received: 09/29/2006 1530
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/06/2006 2004			
Prep Method: 5030B	Date Prepared:		10/06/2006 2004			
Chloromethane	5.0	U	ug/L	0.50	5.0	1.0
Methylene Chloride	5.0	U	ug/L	0.40	5.0	1.0
2-Butanone (MEK)	10	U	ug/L	1.2	10	1.0
Trichlorofluoromethane	5.0	U	ug/L	0.60	5.0	1.0
Vinyl acetate	5.0	U	ug/L	0.20	5.0	1.0
Vinyl chloride	5.0	U	ug/L	0.80	5.0	1.0
Surrogate					Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	94		%		53 - 125	
4-Bromofluorobenzene	99		%		73 - 127	
Dibromofluoromethane	105		%		54 - 137	
Toluene-d8 (Surr)	107		%		63 - 121	
Method: 351.2	Date Analyzed:		10/18/2006 1809			
Prep Method: 351.2	Date Prepared:		10/13/2006 1633			
Nitrogen, Kjeldahl	0.31		mg/L	0.11	0.20	2.0

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Job Number: 420-7894-1

Client Sample ID: MW #234S
Lab Sample ID: 420-7894-2

Date Sampled: 09/29/2006 1301
Date Received: 09/29/2006 1530
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: TOT-REC-200.7 Rev 4.4		Date Analyzed: 10/18/2006 1223			
Prep Method: 200.7 Appx C		Date Prepared: 10/02/2006 0907			
Ag	10 U *	ug/L	10	10	1.0
Al	200 U	ug/L	200	200	1.0
As	6.1	ug/L	5.0	5.0	1.0
Ba	200 U	ug/L	200	200	1.0
B	50 U	ug/L	50	50	1.0
Be	5.0 U	ug/L	5.0	5.0	1.0
Ca	110000	ug/L	5000	5000	1.0
Cd	5.0 U	ug/L	5.0	5.0	1.0
Co	50 U	ug/L	50	50	1.0
Cr	10 U	ug/L	10	10	1.0
Cu	25 U	ug/L	25	25	1.0
Fe	270	ug/L	100	100	1.0
K	5000 U	ug/L	5000	5000	1.0
Mg	20000	ug/L	5000	5000	1.0
Na	5000 U	ug/L	5000	5000	1.0
Ni	40 U	ug/L	40	40	1.0
Pb	5.0 U	ug/L	5.0	5.0	1.0
Mn	660	ug/L	15	15	1.0
Sb	60 U	ug/L	60	60	1.0
Se	10 U	ug/L	10	10	1.0
V	50 U	ug/L	50	50	1.0
Tl	10 U	ug/L	10	10	1.0
Zn	20 U	ug/L	20	20	1.0
Method: DISS-200.7 Rev 4.4		Date Analyzed: 10/18/2006 1255			
Prep Method: 200.7 Appx C		Date Prepared: 10/03/2006 0844			
Al	200 U	ug/L	200	200	1.0
Sb	60 U	ug/L	60	60	1.0
As	6.3	ug/L	5.0	5.0	1.0
Ba	200 U	ug/L	200	200	1.0
Be	5.0 U	ug/L	5.0	5.0	1.0
Cd	5.0 U	ug/L	5.0	5.0	1.0
Ca	110000	ug/L	5000	5000	1.0
Cr	10 U	ug/L	10	10	1.0
Co	50 U	ug/L	50	50	1.0
Cu	25 U	ug/L	25	25	1.0
Fe	110	ug/L	100	100	1.0
Pb	5.0 U	ug/L	5.0	5.0	1.0
Mg	21000	ug/L	5000	5000	1.0
Mn	670	ug/L	15	15	1.0

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Job Number: 420-7894-1

Client Sample ID: MW #234S
Lab Sample ID: 420-7894-2

Date Sampled: 09/29/2006 1301
Date Received: 09/29/2006 1530
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: DISS-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
	Date Analyzed:	10/18/2006 1255			
	Date Prepared:	10/03/2006 0844			
Ni	40 U	ug/L	40	40	1.0
K	5000 U	ug/L	5000	5000	1.0
Se	10 U	ug/L	10	10	1.0
Ag	10 U	ug/L	10	10	1.0
Tl	10 U	ug/L	10	10	1.0
Na	5000 U	ug/L	5000	5000	1.0
V	50 U	ug/L	50	50	1.0
Zn	20 U	ug/L	20	20	1.0
B	50 U	ug/L	50	50	1.0
Method: 245.1					
Prep Method: 245.1					
	Date Analyzed:	10/05/2006 1433			
	Date Prepared:	10/04/2006 1245			
Hg	0.20 U	ug/L	0.20	0.20	1.0
Method: DISS-245.1					
Prep Method: 245.1					
	Date Analyzed:	10/09/2006 1250			
	Date Prepared:	10/06/2006 1345			
Hg	0.20 U	ug/L	0.20	0.20	1.0
Method: 2340B					
	Date Analyzed:	10/18/2006 1216			
Hardness as calcium carbonate	350	mg/L	2.5	2.5	1.0
Method: 110.2					
	Date Analyzed:	09/29/2006 1705			
Color	20	Color Units	2.5	2.5	1.0
Method: 160.1					
	Date Analyzed:	10/06/2006 1300			
Total Dissolved Solids	450	mg/L	5.0	5.0	1.0
Method: 2320B					
	Date Analyzed:	10/03/2006 1000			
Alkalinity	240	mg/L	5.0	5.0	1.0
Method: 300.0					
	Date Analyzed:	09/29/2006 1956			
Bromide	1.0 U	mg/L	1.0	1.0	1.0

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Job Number: 420-7894-1

Client Sample ID: MW #234S
Lab Sample ID: 420-7894-2

Date Sampled: 09/29/2006 1301
Date Received: 09/29/2006 1530
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 300.0	Date Analyzed:	09/29/2006 1956			
Method: 300.0	Date Analyzed:	10/04/2006 1208			
Sulfate	120	mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:	10/04/2006 1208			
Nitrogen, Nitrate	0.25 U H	mg/L	0.25	0.25	1.0
Method: 335.3	Date Analyzed:	10/05/2006 0829			
Prep Method: Distillation	Date Prepared:	10/02/2006 0545			
Cyanide, Total	0.010 U	mg/L	0.010	0.010	1.0
Method: 350.2	Date Analyzed:	10/03/2006 0915			
Prep Method: Distill/Ammonia	Date Prepared:	10/03/2006 0911			
Ammonia	1.0 U	mg/L	1.0	1.0	1.0
Method: 3500 CR D	Date Analyzed:	09/30/2006 0800			
Cr (VI)	0.010 U	mg/L	0.010	0.010	1.0
Method: 410.1	Date Analyzed:	10/05/2006 1730			
Prep Method: 410.1	Date Prepared:	10/05/2006 1100			
Chemical Oxygen Demand	10	mg/L	10	10	1.0
Method: 420.4	Date Analyzed:	10/04/2006 1508			
Prep Method: Distill/Phenol	Date Prepared:	10/03/2006 1126			
Phenolics, Total Recoverable	0.010 U	mg/L	0.010	0.010	1.0
Method: 4500 CL B	Date Analyzed:	10/03/2006 1145			
Chloride	10	mg/L	5.0	5.0	1.0
Method: 5210B	Date Analyzed:	09/29/2006 1641			
Biochemical Oxygen Demand	4.0 U	mg/L	4.0	4.0	2.0

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Job Number: 420-7894-1

Client Sample ID: MW #234S
Lab Sample ID: 420-7894-2

Date Sampled: 09/29/2006 1301
Date Received: 09/29/2006 1530
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 5210B	Date Analyzed:	09/29/2006 1641			
Method: 5310_C	Date Analyzed:	10/17/2006 1055			
Total Organic Carbon	1.7	mg/L	1.0	1.0	1.0

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Job Number: 420-7894-1

Client Sample ID: MW #234D
Lab Sample ID: 420-7894-3

Date Sampled: 09/29/2006 1356
Date Received: 09/29/2006 1530
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/06/2006 2031			
Prep Method: 5030B	Date Prepared:		10/06/2006 2031			
Chloroform	5.0	U	ug/L	0.70	5.0	1.0
1,1,1-Trichloroethane	5.0	U	ug/L	0.40	5.0	1.0
Carbon tetrachloride	5.0	U	ug/L	1.0	5.0	1.0
Benzene	5.0	U	ug/L	0.40	5.0	1.0
1,2-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Trichloroethene	5.0	U	ug/L	0.70	5.0	1.0
1,2-Dichloropropane	5.0	U	ug/L	0.90	5.0	1.0
Dibromomethane	5.0	U	ug/L	0.60	5.0	1.0
Bromodichloromethane	5.0	U	ug/L	0.40	5.0	1.0
cis-1,3-Dichloropropene	5.0	U	ug/L	0.50	5.0	1.0
4-Methyl-2-pentanone (MIBK)	10	U	ug/L	0.70	10	1.0
Toluene	5.0	U	ug/L	0.30	5.0	1.0
trans-1,3-Dichloropropene	5.0	U	ug/L	0.80	5.0	1.0
1,1,2-Trichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Tetrachloroethene	5.0	U	ug/L	0.50	5.0	1.0
2-Hexanone	10	U	ug/L	0.80	10	1.0
Dibromochloromethane	5.0	U	ug/L	0.50	5.0	1.0
1,2-Dibromoethane	5.0	U	ug/L	0.50	5.0	1.0
Chlorobenzene	5.0	U	ug/L	0.40	5.0	1.0
1,1,1,2-Tetrachloroethane	5.0	U	ug/L	0.70	5.0	1.0
Ethylbenzene	5.0	U	ug/L	1.0	5.0	1.0
Xylenes, Total	5.0	U	ug/L	1.0	5.0	1.0
Styrene	5.0	U	ug/L	0.50	5.0	1.0
Bromoform	5.0	U	ug/L	0.80	5.0	1.0
trans-1,4-Dichloro-2-butene	10	U	ug/L	1.2	10	1.0
1,1,2,2-Tetrachloroethane	5.0	U	ug/L	0.40	5.0	1.0
1,2,3-Trichloropropane	5.0	U	ug/L	1.1	5.0	1.0
1,4-Dichlorobenzene	5.0	U	ug/L	0.50	5.0	1.0
1,2-Dichlorobenzene	5.0	U	ug/L	0.60	5.0	1.0
1,2-Dibromo-3-Chloropropane	5.0	U	ug/L	0.70	5.0	1.0
Acrylonitrile	10	U	ug/L	1.6	10	1.0
Acetone	10	U	ug/L	1.4	10	1.0
Bromochloromethane	5.0	U	ug/L	0.80	5.0	1.0
Carbon disulfide	5.0	U	ug/L	0.90	5.0	1.0
Chloroethane	5.0	U	ug/L	0.80	5.0	1.0
1,1-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,1-Dichloroethene	5.0	U	ug/L	0.70	5.0	1.0
cis-1,2-Dichloroethene	5.0	U	ug/L	0.60	5.0	1.0
trans-1,2-Dichloroethene	5.0	U	ug/L	0.50	5.0	1.0
Bromomethane	5.0	U	ug/L	1.2	5.0	1.0

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Job Number: 420-7894-1

Client Sample ID: MW #234D
Lab Sample ID: 420-7894-3

Date Sampled: 09/29/2006 1356
Date Received: 09/29/2006 1530
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/06/2006 2031			
Prep Method: 5030B	Date Prepared:		10/06/2006 2031			
Chloromethane	5.0	U	ug/L	0.50	5.0	1.0
Methylene Chloride	5.0	U	ug/L	0.40	5.0	1.0
2-Butanone (MEK)	10	U	ug/L	1.2	10	1.0
Trichlorofluoromethane	5.0	U	ug/L	0.60	5.0	1.0
Vinyl acetate	5.0	U	ug/L	0.20	5.0	1.0
Vinyl chloride	5.0	U	ug/L	0.80	5.0	1.0
Surrogate					Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	93		%		53 - 125	
4-Bromofluorobenzene	100		%		73 - 127	
Dibromofluoromethane	107		%		54 - 137	
Toluene-d8 (Surr)	105		%		63 - 121	
Method: 351.2	Date Analyzed:		10/18/2006 1809			
Prep Method: 351.2	Date Prepared:		10/13/2006 1633			
Nitrogen, Kjeldahl	0.25		mg/L	0.11	0.20	2.0

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Job Number: 420-7894-1

Client Sample ID: MW #234D
Lab Sample ID: 420-7894-3

Date Sampled: 09/29/2006 1356
Date Received: 09/29/2006 1530
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: TOT-REC-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
	Date Analyzed:	10/18/2006 1228			
	Date Prepared:	10/02/2006 0907			
Ag	10 U *	ug/L	10	10	1.0
Al	200 U	ug/L	200	200	1.0
As	7.0	ug/L	5.0	5.0	1.0
Ba	200 U	ug/L	200	200	1.0
B	50 U	ug/L	50	50	1.0
Be	5.0 U	ug/L	5.0	5.0	1.0
Ca	110000	ug/L	5000	5000	1.0
Cd	5.0 U	ug/L	5.0	5.0	1.0
Co	50 U	ug/L	50	50	1.0
Cr	10 U	ug/L	10	10	1.0
Cu	25 U	ug/L	25	25	1.0
Fe	710	ug/L	100	100	1.0
K	5000 U	ug/L	5000	5000	1.0
Mg	22000	ug/L	5000	5000	1.0
Na	22000	ug/L	5000	5000	1.0
Ni	40 U	ug/L	40	40	1.0
Pb	5.0 U	ug/L	5.0	5.0	1.0
Mn	590	ug/L	15	15	1.0
Sb	60 U	ug/L	60	60	1.0
Se	10 U	ug/L	10	10	1.0
V	50 U	ug/L	50	50	1.0
Tl	10 U	ug/L	10	10	1.0
Zn	20 U	ug/L	20	20	1.0
Method: DISS-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
	Date Analyzed:	10/18/2006 1343			
	Date Prepared:	10/03/2006 0844			
Al	200 U	ug/L	200	200	1.0
Sb	60 U	ug/L	60	60	1.0
As	7.4	ug/L	5.0	5.0	1.0
Ba	200 U	ug/L	200	200	1.0
Be	5.0 U	ug/L	5.0	5.0	1.0
Cd	5.0 U	ug/L	5.0	5.0	1.0
Ca	110000	ug/L	5000	5000	1.0
Cr	10 U	ug/L	10	10	1.0
Co	50 U	ug/L	50	50	1.0
Cu	25 U	ug/L	25	25	1.0
Fe	600	ug/L	100	100	1.0
Pb	5.0 U	ug/L	5.0	5.0	1.0
Mg	21000	ug/L	5000	5000	1.0
Mn	560	ug/L	15	15	1.0

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Job Number: 420-7894-1

Client Sample ID: MW #234D
Lab Sample ID: 420-7894-3

Date Sampled: 09/29/2006 1356
Date Received: 09/29/2006 1530
Client Matrix: Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: DISS-200.7 Rev 4.4	Date Analyzed:		10/18/2006	1343		
Prep Method: 200.7 Appx C	Date Prepared:		10/03/2006	0844		
Ni	40	U	ug/L	40	40	1.0
K	5000	U	ug/L	5000	5000	1.0
Se	10	U	ug/L	10	10	1.0
Ag	10	U	ug/L	10	10	1.0
Tl	10	U	ug/L	10	10	1.0
Na	19000		ug/L	5000	5000	1.0
V	50	U	ug/L	50	50	1.0
Zn	20	U	ug/L	20	20	1.0
B	50	U	ug/L	50	50	1.0
Method: 245.1	Date Analyzed:		10/05/2006	1437		
Prep Method: 245.1	Date Prepared:		10/04/2006	1245		
Hg	0.20	U	ug/L	0.20	0.20	1.0
Method: DISS-245.1	Date Analyzed:		10/09/2006	1300		
Prep Method: 245.1	Date Prepared:		10/06/2006	1345		
Hg	0.20	U	ug/L	0.20	0.20	1.0
Method: 2340B	Date Analyzed:		10/18/2006	1216		
Hardness as calcium carbonate	360		mg/L	2.5	2.5	1.0
Method: 110.2	Date Analyzed:		09/29/2006	1707		
Color	15		Color Units	2.5	2.5	1.0
Method: 160.1	Date Analyzed:		10/06/2006	1300		
Total Dissolved Solids	530		mg/L	5.0	5.0	1.0
Method: 2320B	Date Analyzed:		10/05/2006	0851		
Alkalinity	170		mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:		09/29/2006	2006		
Bromide	1.0	U	mg/L	1.0	1.0	1.0

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Job Number: 420-7894-1

Client Sample ID: MW #234D
Lab Sample ID: 420-7894-3

Date Sampled: 09/29/2006 1356
Date Received: 09/29/2006 1530
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 300.0	Date Analyzed:	09/29/2006 2006			
Method: 300.0	Date Analyzed:	10/04/2006 1218			
Sulfate	120	mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:	10/04/2006 1218			
Nitrogen, Nitrate	0.25 U H	mg/L	0.25	0.25	1.0
Method: 335.3	Date Analyzed:	10/05/2006 0830			
Prep Method: Distillation	Date Prepared:	10/02/2006 0545			
Cyanide, Total	0.010 U	mg/L	0.010	0.010	1.0
Method: 350.2	Date Analyzed:	10/03/2006 0915			
Prep Method: Distill/Ammonia	Date Prepared:	10/03/2006 0911			
Ammonia	3.2	mg/L	1.0	1.0	1.0
Method: 3500 CR D	Date Analyzed:	09/30/2006 0800			
Cr (VI)	0.010 U	mg/L	0.010	0.010	1.0
Method: 410.1	Date Analyzed:	10/05/2006 1730			
Prep Method: 410.1	Date Prepared:	10/05/2006 1100			
Chemical Oxygen Demand	10 U	mg/L	10	10	1.0
Method: 420.4	Date Analyzed:	10/04/2006 1509			
Prep Method: Distill/Phenol	Date Prepared:	10/03/2006 1126			
Phenolics, Total Recoverable	0.010 U	mg/L	0.010	0.010	1.0
Method: 4500 CL B	Date Analyzed:	10/03/2006 1145			
Chloride	38	mg/L	5.0	5.0	1.0
Method: 5210B	Date Analyzed:	09/29/2006 1641			
Biochemical Oxygen Demand	4.0 U	mg/L	4.0	4.0	2.0

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Job Number: 420-7894-1

Client Sample ID: MW #234D
Lab Sample ID: 420-7894-3

Date Sampled: 09/29/2006 1356
Date Received: 09/29/2006 1530
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 5210B	Date Analyzed:	09/29/2006 1641			
Method: 5310_C	Date Analyzed:	10/17/2006 1055			
Total Organic Carbon	1.4	mg/L	1.0	1.0	1.0

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Job Number: 420-7894-1

Client Sample ID: MW #312S
Lab Sample ID: 420-7894-4

Date Sampled: 09/29/2006 1419
Date Received: 09/29/2006 1530
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/06/2006 2057			
Prep Method: 5030B	Date Prepared:		10/06/2006 2057			
Chloroform	5.0	U	ug/L	0.70	5.0	1.0
1,1,1-Trichloroethane	5.0	U	ug/L	0.40	5.0	1.0
Carbon tetrachloride	5.0	U	ug/L	1.0	5.0	1.0
Benzene	5.0	U	ug/L	0.40	5.0	1.0
1,2-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Trichloroethene	5.0	U	ug/L	0.70	5.0	1.0
1,2-Dichloropropane	5.0	U	ug/L	0.90	5.0	1.0
Dibromomethane	5.0	U	ug/L	0.60	5.0	1.0
Bromodichloromethane	5.0	U	ug/L	0.40	5.0	1.0
cis-1,3-Dichloropropene	5.0	U	ug/L	0.50	5.0	1.0
4-Methyl-2-pentanone (MIBK)	10	U	ug/L	0.70	10	1.0
Toluene	5.0	U	ug/L	0.30	5.0	1.0
trans-1,3-Dichloropropene	5.0	U	ug/L	0.80	5.0	1.0
1,1,2-Trichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Tetrachloroethene	5.0	U	ug/L	0.50	5.0	1.0
2-Hexanone	10	U	ug/L	0.80	10	1.0
Dibromochloromethane	5.0	U	ug/L	0.50	5.0	1.0
1,2-Dibromoethane	5.0	U	ug/L	0.50	5.0	1.0
Chlorobenzene	5.0	U	ug/L	0.40	5.0	1.0
1,1,1,2-Tetrachloroethane	5.0	U	ug/L	0.70	5.0	1.0
Ethylbenzene	5.0	U	ug/L	1.0	5.0	1.0
Xylenes, Total	5.0	U	ug/L	1.0	5.0	1.0
Styrene	5.0	U	ug/L	0.50	5.0	1.0
Bromoform	5.0	U	ug/L	0.80	5.0	1.0
trans-1,4-Dichloro-2-butene	10	U	ug/L	1.2	10	1.0
1,1,2,2-Tetrachloroethane	5.0	U	ug/L	0.40	5.0	1.0
1,2,3-Trichloropropane	5.0	U	ug/L	1.1	5.0	1.0
1,4-Dichlorobenzene	5.0	U	ug/L	0.50	5.0	1.0
1,2-Dichlorobenzene	5.0	U	ug/L	0.60	5.0	1.0
1,2-Dibromo-3-Chloropropane	5.0	U	ug/L	0.70	5.0	1.0
Acrylonitrile	10	U	ug/L	1.6	10	1.0
Acetone	10	U	ug/L	1.4	10	1.0
Bromochloromethane	5.0	U	ug/L	0.80	5.0	1.0
Carbon disulfide	5.0	U	ug/L	0.90	5.0	1.0
Chloroethane	5.0	U	ug/L	0.80	5.0	1.0
1,1-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,1-Dichloroethene	5.0	U	ug/L	0.70	5.0	1.0
cis-1,2-Dichloroethene	5.0	U	ug/L	0.60	5.0	1.0
trans-1,2-Dichloroethene	5.0	U	ug/L	0.50	5.0	1.0
Bromomethane	5.0	U	ug/L	1.2	5.0	1.0

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Job Number: 420-7894-1

Client Sample ID: MW #312S
Lab Sample ID: 420-7894-4

Date Sampled: 09/29/2006 1419
Date Received: 09/29/2006 1530
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/06/2006 2057			
Prep Method: 5030B	Date Prepared:		10/06/2006 2057			
Chloromethane	5.0	U	ug/L	0.50	5.0	1.0
Methylene Chloride	5.0	U	ug/L	0.40	5.0	1.0
2-Butanone (MEK)	10	U	ug/L	1.2	10	1.0
Trichlorofluoromethane	5.0	U	ug/L	0.60	5.0	1.0
Vinyl acetate	5.0	U	ug/L	0.20	5.0	1.0
Vinyl chloride	5.0	U	ug/L	0.80	5.0	1.0
Surrogate				Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	92		%		53 - 125	
4-Bromofluorobenzene	97		%		73 - 127	
Dibromofluoromethane	104		%		54 - 137	
Toluene-d8 (Surr)	106		%		63 - 121	
Method: 351.2	Date Analyzed:		10/18/2006 1809			
Prep Method: 351.2	Date Prepared:		10/13/2006 1633			
Nitrogen, Kjeldahl	0.18	J	mg/L	0.11	0.20	2.0

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Job Number: 420-7894-1

Client Sample ID: MW #312S
Lab Sample ID: 420-7894-4

Date Sampled: 09/29/2006 1419
Date Received: 09/29/2006 1530
Client Matrix: Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: TOT-REC-200.7 Rev 4.4		Date Analyzed: 10/18/2006 1234				
Prep Method: 200.7 Appx C		Date Prepared: 10/02/2006 0907				
Ag	10	U *	ug/L	10	10	1.0
Al	580		ug/L	200	200	1.0
As	5.0	U	ug/L	5.0	5.0	1.0
Ba	200	U	ug/L	200	200	1.0
B	50	U	ug/L	50	50	1.0
Be	5.0	U	ug/L	5.0	5.0	1.0
Ca	67000		ug/L	5000	5000	1.0
Cd	5.0	U	ug/L	5.0	5.0	1.0
Co	50	U	ug/L	50	50	1.0
Cr	10	U	ug/L	10	10	1.0
Cu	25	U	ug/L	25	25	1.0
Fe	670		ug/L	100	100	1.0
K	5000	U	ug/L	5000	5000	1.0
Mg	13000		ug/L	5000	5000	1.0
Na	5000	U	ug/L	5000	5000	1.0
Ni	40	U	ug/L	40	40	1.0
Pb	5.0	U	ug/L	5.0	5.0	1.0
Mn	270		ug/L	15	15	1.0
Sb	60	U	ug/L	60	60	1.0
Se	10	U	ug/L	10	10	1.0
V	50	U	ug/L	50	50	1.0
Tl	10	U	ug/L	10	10	1.0
Zn	20	U	ug/L	20	20	1.0
Method: DISS-200.7 Rev 4.4		Date Analyzed: 10/18/2006 1348				
Prep Method: 200.7 Appx C		Date Prepared: 10/03/2006 0844				
Al	200	U	ug/L	200	200	1.0
Sb	60	U	ug/L	60	60	1.0
As	5.0	U	ug/L	5.0	5.0	1.0
Ba	200	U	ug/L	200	200	1.0
Be	5.0	U	ug/L	5.0	5.0	1.0
Cd	5.0	U	ug/L	5.0	5.0	1.0
Ca	67000		ug/L	5000	5000	1.0
Cr	10	U	ug/L	10	10	1.0
Co	50	U	ug/L	50	50	1.0
Cu	25	U	ug/L	25	25	1.0
Fe	100	U	ug/L	100	100	1.0
Pb	5.0	U	ug/L	5.0	5.0	1.0
Mg	12000		ug/L	5000	5000	1.0
Mn	15	U	ug/L	15	15	1.0

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Job Number: 420-7894-1

Client Sample ID: MW #312S
Lab Sample ID: 420-7894-4

Date Sampled: 09/29/2006 1419
Date Received: 09/29/2006 1530
Client Matrix: Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: DISS-200.7 Rev 4.4	Date Analyzed:		10/18/2006	1348		
Prep Method: 200.7 Appx C	Date Prepared:		10/03/2006	0844		
Ni	40	U	ug/L	40	40	1.0
K	5000	U	ug/L	5000	5000	1.0
Se	10	U	ug/L	10	10	1.0
Ag	10	U	ug/L	10	10	1.0
Tl	10	U	ug/L	10	10	1.0
Na	5000	U	ug/L	5000	5000	1.0
V	50	U	ug/L	50	50	1.0
Zn	20	U	ug/L	20	20	1.0
B	50	U	ug/L	50	50	1.0
Method: 245.1	Date Analyzed:		10/05/2006	1440		
Prep Method: 245.1	Date Prepared:		10/04/2006	1245		
Hg	0.20	U	ug/L	0.20	0.20	1.0
Method: DISS-245.1	Date Analyzed:		10/09/2006	1304		
Prep Method: 245.1	Date Prepared:		10/06/2006	1345		
Hg	0.20	U	ug/L	0.20	0.20	1.0
Method: 2340B	Date Analyzed:		10/18/2006	1216		
Hardness as calcium carbonate	220		mg/L	2.5	2.5	1.0
Method: 110.2	Date Analyzed:		09/29/2006	1708		
Color	20		Color Units	2.5	2.5	1.0
Method: 160.1	Date Analyzed:		10/06/2006	1300		
Total Dissolved Solids	260		mg/L	5.0	5.0	1.0
Method: 2320B	Date Analyzed:		10/05/2006	0851		
Alkalinity	150		mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:		09/29/2006	2016		
Bromide	1.0	U	mg/L	1.0	1.0	1.0

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Job Number: 420-7894-1

Client Sample ID: MW #312S
Lab Sample ID: 420-7894-4

Date Sampled: 09/29/2006 1419
Date Received: 09/29/2006 1530
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 300.0	Date Analyzed:	09/29/2006 2016			
Method: 300.0	Date Analyzed:	10/04/2006 1228			
Sulfate	37	mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:	10/04/2006 1228			
Nitrogen, Nitrate	0.25 U H	mg/L	0.25	0.25	1.0
Method: 335.3	Date Analyzed:	10/05/2006 0834			
Prep Method: Distillation	Date Prepared:	10/02/2006 0545			
Cyanide, Total	0.010 U	mg/L	0.010	0.010	1.0
Method: 350.2	Date Analyzed:	10/03/2006 0915			
Prep Method: Distill/Ammonia	Date Prepared:	10/03/2006 0911			
Ammonia	1.0 U	mg/L	1.0	1.0	1.0
Method: 3500 CR D	Date Analyzed:	09/30/2006 0800			
Cr (VI)	0.010 U	mg/L	0.010	0.010	1.0
Method: 410.1	Date Analyzed:	10/05/2006 1730			
Prep Method: 410.1	Date Prepared:	10/05/2006 1100			
Chemical Oxygen Demand	10 U	mg/L	10	10	1.0
Method: 420.4	Date Analyzed:	10/04/2006 1509			
Prep Method: Distill/Phenol	Date Prepared:	10/03/2006 1126			
Phenolics, Total Recoverable	0.010 U	mg/L	0.010	0.010	1.0
Method: 4500 CL B	Date Analyzed:	10/03/2006 1145			
Chloride	12	mg/L	5.0	5.0	1.0
Method: 5210B	Date Analyzed:	09/29/2006 1641			
Biochemical Oxygen Demand	4.0 U	mg/L	4.0	4.0	2.0

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Job Number: 420-7894-1

Client Sample ID: MW #312S
Lab Sample ID: 420-7894-4

Date Sampled: 09/29/2006 1419
Date Received: 09/29/2006 1530
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 5210B	Date Analyzed:	09/29/2006 1641			
Method: 5310_C	Date Analyzed:	10/17/2006 1055			
Total Organic Carbon	1.0 U	mg/L	1.0	1.0	1.0

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Job Number: 420-7894-1

Client Sample ID: MH #15
Lab Sample ID: 420-7894-5

Date Sampled: 09/29/2006 1128
Date Received: 09/29/2006 1530
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/06/2006 2124			
Prep Method: 5030B	Date Prepared:		10/06/2006 2124			
Chloroform	5.0	U	ug/L	0.70	5.0	1.0
1,1,1-Trichloroethane	5.0	U	ug/L	0.40	5.0	1.0
Carbon tetrachloride	5.0	U	ug/L	1.0	5.0	1.0
Benzene	1.2	J	ug/L	0.40	5.0	1.0
1,2-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Trichloroethene	5.0	U	ug/L	0.70	5.0	1.0
1,2-Dichloropropane	5.0	U	ug/L	0.90	5.0	1.0
Dibromomethane	5.0	U	ug/L	0.60	5.0	1.0
Bromodichloromethane	5.0	U	ug/L	0.40	5.0	1.0
cis-1,3-Dichloropropene	5.0	U	ug/L	0.50	5.0	1.0
4-Methyl-2-pentanone (MIBK)	10	U	ug/L	0.70	10	1.0
Toluene	5.0	U	ug/L	0.30	5.0	1.0
trans-1,3-Dichloropropene	5.0	U	ug/L	0.80	5.0	1.0
1,1,2-Trichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Tetrachloroethene	5.0	U	ug/L	0.50	5.0	1.0
2-Hexanone	10	U	ug/L	0.80	10	1.0
Dibromochloromethane	5.0	U	ug/L	0.50	5.0	1.0
1,2-Dibromoethane	5.0	U	ug/L	0.50	5.0	1.0
Chlorobenzene	5.0	U	ug/L	0.40	5.0	1.0
1,1,1,2-Tetrachloroethane	5.0	U	ug/L	0.70	5.0	1.0
Ethylbenzene	1.3	J	ug/L	1.0	5.0	1.0
Xylenes, Total	3.2	J	ug/L	1.0	5.0	1.0
Styrene	5.0	U	ug/L	0.50	5.0	1.0
Bromoform	5.0	U	ug/L	0.80	5.0	1.0
trans-1,4-Dichloro-2-butene	10	U	ug/L	1.2	10	1.0
1,1,2,2-Tetrachloroethane	5.0	U	ug/L	0.40	5.0	1.0
1,2,3-Trichloropropane	5.0	U	ug/L	1.1	5.0	1.0
1,4-Dichlorobenzene	4.7	J	ug/L	0.50	5.0	1.0
1,2-Dichlorobenzene	5.0	U	ug/L	0.60	5.0	1.0
1,2-Dibromo-3-Chloropropane	5.0	U	ug/L	0.70	5.0	1.0
Acrylonitrile	10	U	ug/L	1.6	10	1.0
Acetone	2.9	J	ug/L	1.4	10	1.0
Bromochloromethane	5.0	U	ug/L	0.80	5.0	1.0
Carbon disulfide	5.0	U	ug/L	0.90	5.0	1.0
Chloroethane	3.8	J	ug/L	0.80	5.0	1.0
1,1-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,1-Dichloroethene	5.0	U	ug/L	0.70	5.0	1.0
cis-1,2-Dichloroethene	5.0	U	ug/L	0.60	5.0	1.0
trans-1,2-Dichloroethene	5.0	U	ug/L	0.50	5.0	1.0
Bromomethane	5.0	U	ug/L	1.2	5.0	1.0

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Job Number: 420-7894-1

Client Sample ID: MH #15
Lab Sample ID: 420-7894-5

Date Sampled: 09/29/2006 1128
Date Received: 09/29/2006 1530
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/06/2006 2124			
Prep Method: 5030B	Date Prepared:		10/06/2006 2124			
Chloromethane	5.0	U	ug/L	0.50	5.0	1.0
Methylene Chloride	5.0	U	ug/L	0.40	5.0	1.0
2-Butanone (MEK)	10	U	ug/L	1.2	10	1.0
Trichlorofluoromethane	5.0	U	ug/L	0.60	5.0	1.0
Vinyl acetate	5.0	U	ug/L	0.20	5.0	1.0
Vinyl chloride	5.0	U	ug/L	0.80	5.0	1.0
Surrogate					Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	91		%		53 - 125	
4-Bromofluorobenzene	98		%		73 - 127	
Dibromofluoromethane	104		%		54 - 137	
Toluene-d8 (Surr)	105		%		63 - 121	
Method: 351.2	Date Analyzed:		10/18/2006 1816			
Prep Method: 351.2	Date Prepared:		10/13/2006 1633			
Nitrogen, Kjeldahl	110		mg/L	2.7	5.0	50

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Syracuse, NY 13212

Job Number: 420-7894-1

Client Sample ID: MH #15
Lab Sample ID: 420-7894-5

Date Sampled: 09/29/2006 1128
Date Received: 09/29/2006 1530
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: TOT-REC-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
	Date Analyzed:	10/18/2006 1239			
	Date Prepared:	10/02/2006 0907			
Ag	10 U *	ug/L	10	10	1.0
Al	200 U	ug/L	200	200	1.0
As	8.2	ug/L	5.0	5.0	1.0
Ba	200 U	ug/L	200	200	1.0
B	940	ug/L	50	50	1.0
Be	5.0 U	ug/L	5.0	5.0	1.0
Ca	170000	ug/L	5000	5000	1.0
Cd	5.0 U	ug/L	5.0	5.0	1.0
Co	50 U	ug/L	50	50	1.0
Cr	10 U	ug/L	10	10	1.0
Cu	25 U	ug/L	25	25	1.0
Fe	5600	ug/L	100	100	1.0
Mg	41000	ug/L	5000	5000	1.0
Na	250000	ug/L	5000	5000	1.0
Ni	40 U	ug/L	40	40	1.0
Pb	5.0 U	ug/L	5.0	5.0	1.0
Mn	3000	ug/L	15	15	1.0
Sb	60 U	ug/L	60	60	1.0
Se	10 U	ug/L	10	10	1.0
V	50 U	ug/L	50	50	1.0
Tl	10 U	ug/L	10	10	1.0
Zn	20 U	ug/L	20	20	1.0
Method: TOT-REC-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
K	76000	ug/L	50000	50000	10
Method: 245.1					
Prep Method: 245.1					
Hg	0.20 U	ug/L	0.20	0.20	1.0
Method: 2340B					
Date Analyzed: 10/18/2006 1216					
Hardness as calcium carbonate	600	mg/L	2.5	2.5	1.0
Method: 110.2					
Date Analyzed: 09/29/2006 1710					
Color	200	Color Units	13	13	5.0

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Job Number: 420-7894-1

Client Sample ID: MH #15
Lab Sample ID: 420-7894-5

Date Sampled: 09/29/2006 1128
Date Received: 09/29/2006 1530
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 160.1	Date Analyzed:	10/06/2006 1300			
Total Dissolved Solids	1300	mg/L	5.0	5.0	1.0
Method: 2320B	Date Analyzed:	10/05/2006 0851			
Alkalinity	760	mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:	09/29/2006 2025			
Bromide	1.0 U	mg/L	1.0	1.0	1.0
Sulfate	17 *	mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:	09/29/2006 2025			
Nitrogen, Nitrate	0.25 U	mg/L	0.25	0.25	1.0
Method: 335.3	Date Analyzed:	10/05/2006 0835			
Prep Method: Distillation	Date Prepared:	10/02/2006 0545			
Cyanide, Total	0.010 U	mg/L	0.010	0.010	1.0
Method: 350.2	Date Analyzed:	10/03/2006 0915			
Prep Method: Distill/Ammonia	Date Prepared:	10/03/2006 0911			
Ammonia	93	mg/L	1.0	1.0	1.0
Method: 3500 CR D	Date Analyzed:	09/30/2006 0800			
Cr (VI)	0.20 U	mg/L	0.20	0.20	20
Method: 410.4	Date Analyzed:	10/06/2006 0700			
Chemical Oxygen Demand	220	mg/L	100	100	1.0
Method: 420.4	Date Analyzed:	10/04/2006 1510			
Prep Method: Distill/Phenol	Date Prepared:	10/03/2006 1126			
Phenolics, Total Recoverable	0.010 U	mg/L	0.010	0.010	1.0

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Job Number: 420-7894-1

Client Sample ID: MH #15
Lab Sample ID: 420-7894-5

Date Sampled: 09/29/2006 1128
Date Received: 09/29/2006 1530
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 4500 CL B	Date Analyzed:	10/03/2006 1145			
Chloride	240	mg/L	5.0	5.0	1.0
Method: 5210B	Date Analyzed:	09/29/2006 1641			
Biochemical Oxygen Demand	22	mg/L	4.0	4.0	2.0
Method: 5310_C	Date Analyzed:	10/17/2006 1055			
Total Organic Carbon	61	mg/L	1.0	1.0	1.0

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Job Number: 420-7894-1

Client Sample ID: MH #7
Lab Sample ID: 420-7894-6

Date Sampled: 09/29/2006 1201
Date Received: 09/29/2006 1530
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:	10/09/2006 1823			
Prep Method: 5030B	Date Prepared:	10/09/2006 1823			
Chloroform	25 U	ug/L	3.5	25	5.0
1,1,1-Trichloroethane	25 U	ug/L	2.0	25	5.0
Carbon tetrachloride	25 U	ug/L	5.0	25	5.0
Benzene	15 J	ug/L	2.0	25	5.0
1,2-Dichloroethane	25 U	ug/L	3.0	25	5.0
Trichloroethene	25 U	ug/L	3.5	25	5.0
1,2-Dichloropropane	25 U	ug/L	4.5	25	5.0
Dibromomethane	25 U	ug/L	3.0	25	5.0
Bromodichloromethane	25 U	ug/L	2.0	25	5.0
cis-1,3-Dichloropropene	25 U	ug/L	2.5	25	5.0
4-Methyl-2-pentanone (MIBK)	50 U	ug/L	3.5	50	5.0
Toluene	25 U	ug/L	1.5	25	5.0
trans-1,3-Dichloropropene	25 U	ug/L	4.0	25	5.0
1,1,2-Trichloroethane	25 U	ug/L	3.0	25	5.0
Tetrachloroethene	25 U	ug/L	2.5	25	5.0
2-Hexanone	50 U	ug/L	4.0	50	5.0
Dibromochloromethane	25 U	ug/L	2.5	25	5.0
1,2-Dibromoethane	25 U	ug/L	2.5	25	5.0
Chlorobenzene	21 J	ug/L	2.0	25	5.0
1,1,1,2-Tetrachloroethane	25 U	ug/L	3.5	25	5.0
Ethylbenzene	57	ug/L	5.0	25	5.0
Xylenes, Total	25 U	ug/L	5.0	25	5.0
Styrene	25 U	ug/L	2.5	25	5.0
Bromoform	25 U	ug/L	4.0	25	5.0
trans-1,4-Dichloro-2-butene	50 U	ug/L	6.0	50	5.0
1,1,2,2-Tetrachloroethane	25 U	ug/L	2.0	25	5.0
1,2,3-Trichloropropane	25 U	ug/L	5.5	25	5.0
1,4-Dichlorobenzene	25 U	ug/L	2.5	25	5.0
1,2-Dichlorobenzene	25 U	ug/L	3.0	25	5.0
1,2-Dibromo-3-Chloropropane	25 U	ug/L	3.5	25	5.0
Acrylonitrile	50 U	ug/L	8.0	50	5.0
Acetone	12 J	ug/L	7.0	50	5.0
Bromochloromethane	25 U	ug/L	4.0	25	5.0
Carbon disulfide	25 U	ug/L	4.5	25	5.0
Chloroethane	25 U *	ug/L	4.0	25	5.0
1,1-Dichloroethane	25 U	ug/L	3.0	25	5.0
1,1-Dichloroethene	25 U	ug/L	3.5	25	5.0
cis-1,2-Dichloroethene	25 U	ug/L	3.0	25	5.0
trans-1,2-Dichloroethene	25 U	ug/L	2.5	25	5.0
Bromomethane	25 U	ug/L	6.0	25	5.0

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Job Number: 420-7894-1

Client Sample ID: MH #7
Lab Sample ID: 420-7894-6

Date Sampled: 09/29/2006 1201
Date Received: 09/29/2006 1530
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/09/2006 1823			
Prep Method: 5030B	Date Prepared:		10/09/2006 1823			
Chloromethane	25	U	ug/L	2.5	25	5.0
Methylene Chloride	2.4	J B	ug/L	2.0	25	5.0
2-Butanone (MEK)	50	U	ug/L	6.0	50	5.0
Trichlorofluoromethane	25	U	ug/L	3.0	25	5.0
Vinyl acetate	25	U	ug/L	1.0	25	5.0
Vinyl chloride	25	U	ug/L	4.0	25	5.0
Surrogate					Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	91		%		53 - 125	
4-Bromofluorobenzene	98		%		73 - 127	
Dibromofluoromethane	106		%		54 - 137	
Toluene-d8 (Surr)	103		%		63 - 121	
Method: 351.2	Date Analyzed:		10/18/2006 2015			
Prep Method: 351.2	Date Prepared:		10/13/2006 1633			
Nitrogen, Kjeldahl	630		mg/L	14	26	255

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Job Number: 420-7894-1

Client Sample ID: MH #7
Lab Sample ID: 420-7894-6

Date Sampled: 09/29/2006 1201
Date Received: 09/29/2006 1530
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: TOT-REC-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
	Date Analyzed:	10/18/2006 1244			
	Date Prepared:	10/02/2006 0907			
Ag	10 U *	ug/L	10	10	1.0
Al	200 U	ug/L	200	200	1.0
As	17	ug/L	5.0	5.0	1.0
Ba	200 U	ug/L	200	200	1.0
B	3100	ug/L	50	50	1.0
Be	5.0 U	ug/L	5.0	5.0	1.0
Ca	150000	ug/L	5000	5000	1.0
Cd	5.0 U	ug/L	5.0	5.0	1.0
Co	50 U	ug/L	50	50	1.0
Cr	12	ug/L	10	10	1.0
Cu	25 U	ug/L	25	25	1.0
Fe	12000	ug/L	100	100	1.0
Mg	88000	ug/L	5000	5000	1.0
Ni	89	ug/L	40	40	1.0
Pb	5.0 U	ug/L	5.0	5.0	1.0
Mn	430	ug/L	15	15	1.0
Sb	60 U	ug/L	60	60	1.0
Se	10 U	ug/L	10	10	1.0
V	50 U	ug/L	50	50	1.0
Tl	10 U	ug/L	10	10	1.0
Zn	20 U	ug/L	20	20	1.0
Method: TOT-REC-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
Na	1100000	ug/L	50000	50000	10
Method: TOT-REC-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
K	400000	ug/L	200000	200000	40
Method: 245.1					
Prep Method: 245.1					
Hg	0.20 U	ug/L	0.20	0.20	1.0
Method: 2340B					
Date Analyzed: 10/18/2006 1216					
Hardness as calcium carbonate	730	mg/L	2.5	2.5	1.0

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Syracuse, NY 13212

Job Number: 420-7894-1

Client Sample ID: MH #7
Lab Sample ID: 420-7894-6

Date Sampled: 09/29/2006 1201
Date Received: 09/29/2006 1530
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 110.2	Date Analyzed:	09/29/2006 1717			
Color	400	Color Units	25	25	10
Method: 160.1	Date Analyzed:	10/06/2006 1300			
Total Dissolved Solids	3700	mg/L	5.0	5.0	1.0
Method: 2320B	Date Analyzed:	10/05/2006 0851			
Alkalinity	5.0 U	mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:	09/29/2006 2055			
Bromide	1.0 U	mg/L	1.0	1.0	1.0
Method: 300.0	Date Analyzed:	10/04/2006 1237			
Sulfate	51	mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:	10/04/2006 1237			
Nitrogen, Nitrate	3.4 H	mg/L	0.25	0.25	1.0
Method: 335.3	Date Analyzed:	10/05/2006 0836			
Prep Method: Distillation	Date Prepared:	10/02/2006 0545			
Cyanide, Total	0.010 U	mg/L	0.010	0.010	1.0
Method: 350.2	Date Analyzed:	10/03/2006 0915			
Prep Method: Distill/Ammonia	Date Prepared:	10/03/2006 0911			
Ammonia	430	mg/L	1.0	1.0	1.0
Method: 3500 CR D	Date Analyzed:	09/30/2006 0800			
Cr (VI)	0.20 U	mg/L	0.20	0.20	20
Method: 410.4	Date Analyzed:	10/06/2006 0700			

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Job Number: 420-7894-1

Client Sample ID: MH #7
Lab Sample ID: 420-7894-6

Date Sampled: 09/29/2006 1201
Date Received: 09/29/2006 1530
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 410.4	Date Analyzed:	10/06/2006 0700			
Chemical Oxygen Demand	1000	mg/L	100	100	1.0
Method: 420.4	Date Analyzed:	10/04/2006 1511			
Prep Method: Distill/Phenol	Date Prepared:	10/03/2006 1126			
Phenolics, Total Recoverable	0.058	mg/L	0.010	0.010	1.0
Method: 4500 CL B	Date Analyzed:	10/03/2006 1145			
Chloride	1400	mg/L	5.0	5.0	1.0
Method: 5210B	Date Analyzed:	09/29/2006 1641			
Biochemical Oxygen Demand	42	mg/L	12	12	6.0
Method: 5310_C	Date Analyzed:	10/26/2006 1346			
Total Organic Carbon	250	mg/L	4.0	4.0	4.0

DATA REPORTING QUALIFIERS

Client: C & S Engineers

Job Number: 420-7894-1

Lab Section	Qualifier	Description
GC/MS VOA	*	LCS or LCSD exceeds the control limits
	B	Compound was found in the blank and sample.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	U	Indicates the analyte was analyzed for but not detected.
Metals	*	LCS or LCSD exceeds the control limits
	U	Indicates the analyte was analyzed for but not detected.
General Chemistry	*	LCS or LCSD exceeds the control limits
	H	Sample was prepped or analyzed beyond the specified holding time
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	U	Indicates the analyte was analyzed for but not detected.

LOGIN SAMPLE RECEIPT CHECK LIST

Client: C & S Engineers

Job Number: 420-7894-1

Login Number: 7894

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	NA	
The cooler's custody seal, if present, is intact.	NA	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

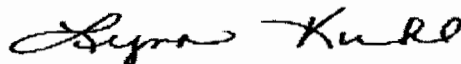
ANALYTICAL REPORT

Job Number: 420-7811-1

Job Description: Orange County Landfill

For:
C & S Engineers
499 Col. Eileen Collins Blvd
Syracuse, NY 13212

Attention: Christen Craig



Lynn Kuhl
Project Manager II
lkuhl@stl-inc.com
10/31/2006

Project Manager: Lynn Kuhl
MW #223S (MS/MSD) Sample 7811-2

METHOD SUMMARY

Client: C & S Engineers

Job Number: 420-7811-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds by GC/MS	STL CT	SW846 8260B	
Purge-and-Trap	STL CT		SW846 5030B
ICP Metals by 200.7	STL NEW	EPA 200.7 Rev 4.4	
Total Recoverable Metals Digestion for 200.7	STL NEW		40CFR136A 200.7 Appx C
Sample Filtration performed in the Field	STL NEW		FIELD_FLTRD
Mercury in Water by CVAA	STL NEW	EPA 245.1	
Digestion for CVAA Mercury in Waters	STL NEW		EPA 245.1
Sample Filtration performed in the Field	STL NEW		FIELD_FLTRD
Hardness by Calculation	STL NEW	SM20 2340B	
Color, Colorimetric	STL NEW	MCAWW 110.2	
Residue, Filterable, Gravimetric, Dried at 180°C (TDS)	STL NEW	MCAWW 160.1	
Alkalinity, Titration Method	STL NEW	SM18 2320B	
Anions by Ion Chromatography	STL NEW	EPA-04 300.0	
Anions by Ion Chromatography	STL NEW	EPA-04 300.0	
Cyanide (Total, Colorimetric, Automated UV)	STL NEW	MCAWW 335.3	
Distillation/Cyanide	STL NEW		Distillation
Nitrogen (Ammonia Distillation Procedure)	STL NEW	MCAWW 350.2	
Distillation/Ammonia	STL NEW		Distill/Ammonia
Chromium, Hexavalent (Colormetric)	STL NEW	SM18 3500 CR D	
Nitrogen, Total Kjeldahl (Colorimetric, Semi-Automated Block Digester, AAll)	STL CT	MCAWW 351.2	
Nitrogen, Total Kjeldahl (Colorimetric,	STL CT		MCAWW 351.2
Nitrogen, Total Kjeldahl (Colorimetric,	STL NEW		MCAWW 351.2
Chemical Oxygen Demand, Titrimetric	STL NEW	MCAWW 410.1	
Chemical Oxyen Demand, Titrimetric, Prep	STL NEW		MCAWW 410.1
Phenolics (Total Recoverable, Colorimetric, Semi-Automated, with Distillation)	STL NEW	MCAWW 420.4	
Distillation/Phenolics	STL NEW		Distill/Phenol
Chloride by Silver Nitrate Titration	STL NEW	SM18 4500 CL B	
5 Day BOD test	STL NEW	SM20 5210B	
Total Organic Carbon/Persulfate - Ultraviolet Oxidation Method	STL NEW	SM18 5310_C	

STL Newburgh

METHOD SUMMARY

Client: C & S Engineers

Job Number: 420-7811-1

LAB REFERENCES:

STL CT = STL Connecticut

STL NEW = STL Newburgh

METHOD REFERENCES:

EPA - US Environmental Protection Agency

EPA-04 - "Methods For The Determination Of Inorganic Substances In Environmental Samples", EPA/600/R-93/100, August 1993.

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

SM18 - "Standard Methods For The Examination Of Water And Wastewater", 18th Edition, 1992.

SM20 - "Standard Methods For The Examination Of Water And Wastewater", 20th Edition."

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

SAMPLE SUMMARY

Client: C & S Engineers

Job Number: 420-7811-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
420-7811-1	SW #13	Water	09/27/2006 0804	09/28/2006 0800
420-7811-2	MW #223 S	Water	09/27/2006 0900	09/28/2006 0800
420-7811-5	MW #223 D	Water	09/27/2006 1010	09/28/2006 0800
420-7811-6	MW #207 D	Water	09/27/2006 1055	09/28/2006 0800
420-7811-7	MW #207 D DUP	Water	09/27/2006 1107	09/28/2006 0800
420-7811-8	MW #207 SA	Water	09/27/2006 1131	09/28/2006 0800
420-7811-9	MW # 303 D	Water	09/27/2006 1219	09/28/2006 0800
420-7811-10	MW # 303 S	Water	09/27/2006 1233	09/28/2006 0800
420-7811-11	MW # 304 US	Water	09/27/2006 1347	09/28/2006 0800
420-7811-12	MW # 304 S	Water	09/27/2006 1501	09/28/2006 0800

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499 Col. Eileen Collins Blvd
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Job Number: 420-7811-1

Client Sample ID: SW #13
Lab Sample ID: 420-7811-1

Date Sampled: 09/27/2006 0804
Date Received: 09/28/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:	10/09/2006 1540			
Prep Method: 5030B	Date Prepared:	10/09/2006 1540			
Chloroform	5.0 U	ug/L	0.70	5.0	1.0
1,1,1-Trichloroethane	5.0 U	ug/L	0.40	5.0	1.0
Carbon tetrachloride	5.0 U	ug/L	1.0	5.0	1.0
Benzene	5.0 U	ug/L	0.40	5.0	1.0
1,2-Dichloroethane	5.0 U	ug/L	0.60	5.0	1.0
Trichloroethene	5.0 U	ug/L	0.70	5.0	1.0
1,2-Dichloropropane	5.0 U	ug/L	0.90	5.0	1.0
Dibromomethane	5.0 U	ug/L	0.60	5.0	1.0
Bromodichloromethane	5.0 U	ug/L	0.40	5.0	1.0
cis-1,3-Dichloropropene	5.0 U	ug/L	0.50	5.0	1.0
4-Methyl-2-pentanone (MIBK)	10 U	ug/L	0.70	10	1.0
Toluene	5.0 U	ug/L	0.30	5.0	1.0
trans-1,3-Dichloropropene	5.0 U	ug/L	0.80	5.0	1.0
1,1,2-Trichloroethane	5.0 U	ug/L	0.60	5.0	1.0
Tetrachloroethene	5.0 U	ug/L	0.50	5.0	1.0
2-Hexanone	10 U	ug/L	0.80	10	1.0
Dibromochloromethane	5.0 U	ug/L	0.50	5.0	1.0
1,2-Dibromoethane	5.0 U	ug/L	0.50	5.0	1.0
Chlorobenzene	5.0 U	ug/L	0.40	5.0	1.0
1,1,1,2-Tetrachloroethane	5.0 U	ug/L	0.70	5.0	1.0
Ethylbenzene	5.0 U	ug/L	1.0	5.0	1.0
Xylenes, Total	5.0 U	ug/L	1.0	5.0	1.0
Styrene	5.0 U	ug/L	0.50	5.0	1.0
Bromoform	5.0 U	ug/L	0.80	5.0	1.0
trans-1,4-Dichloro-2-butene	10 U	ug/L	1.2	10	1.0
1,1,2,2-Tetrachloroethane	5.0 U	ug/L	0.40	5.0	1.0
1,2,3-Trichloropropane	5.0 U	ug/L	1.1	5.0	1.0
1,4-Dichlorobenzene	5.0 U	ug/L	0.50	5.0	1.0
1,2-Dichlorobenzene	5.0 U	ug/L	0.60	5.0	1.0
1,2-Dibromo-3-Chloropropane	5.0 U	ug/L	0.70	5.0	1.0
Acrylonitrile	10 U	ug/L	1.6	10	1.0
Acetone	2.1 J	ug/L	1.4	10	1.0
Bromochloromethane	5.0 U	ug/L	0.80	5.0	1.0
Carbon disulfide	5.0 U	ug/L	0.90	5.0	1.0
Chloroethane	5.0 U	ug/L	0.80	5.0	1.0
1,1-Dichloroethane	5.0 U	ug/L	0.60	5.0	1.0
1,1-Dichloroethene	5.0 U	ug/L	0.70	5.0	1.0
cis-1,2-Dichloroethene	5.0 U	ug/L	0.60	5.0	1.0
trans-1,2-Dichloroethene	5.0 U	ug/L	0.50	5.0	1.0
Bromomethane	5.0 U	ug/L	1.2	5.0	1.0

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Job Number: 420-7811-1

Client Sample ID: SW #13
Lab Sample ID: 420-7811-1

Date Sampled: 09/27/2006 0804
Date Received: 09/28/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/09/2006 1540			
Prep Method: 5030B	Date Prepared:		10/09/2006 1540			
Chloromethane	5.0	U	ug/L	0.50	5.0	1.0
Methylene Chloride	5.0	U	ug/L	0.40	5.0	1.0
2-Butanone (MEK)	10	U	ug/L	1.2	10	1.0
Trichlorofluoromethane	5.0	U	ug/L	0.60	5.0	1.0
Vinyl acetate	5.0	U	ug/L	0.20	5.0	1.0
Vinyl chloride	5.0	U	ug/L	0.80	5.0	1.0
Surrogate					Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	121		%		53 - 125	
4-Bromofluorobenzene	115		%		73 - 127	
Dibromofluoromethane	124		%		54 - 137	
Toluene-d8 (Surr)	111		%		63 - 121	

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Job Number: 420-7811-1

Client Sample ID: SW #13
Lab Sample ID: 420-7811-1

Date Sampled: 09/27/2006 0804
Date Received: 09/28/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: DISS-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
	Date Analyzed:	10/06/2006 1158			
	Date Prepared:	10/02/2006 0903			
Al	200 U	ug/L	200	200	1.0
Sb	60 U	ug/L	60	60	1.0
Ba	200 U	ug/L	200	200	1.0
Be	5.0 U	ug/L	5.0	5.0	1.0
Cd	5.0 U	ug/L	5.0	5.0	1.0
Ca	43000	ug/L	5000	5000	1.0
Cr	10 U	ug/L	10	10	1.0
Co	50 U	ug/L	50	50	1.0
Cu	25 U	ug/L	25	25	1.0
Fe	1100	ug/L	100	100	1.0
Pb	5.0 U	ug/L	5.0	5.0	1.0
Mg	8600	ug/L	5000	5000	1.0
Mn	280	ug/L	15	15	1.0
Ni	40 U	ug/L	40	40	1.0
K	5000 U	ug/L	5000	5000	1.0
Ag	10 U *	ug/L	10	10	1.0
Tl	10 U	ug/L	10	10	1.0
Na	15000	ug/L	5000	5000	1.0
V	50 U	ug/L	50	50	1.0
Zn	20 U	ug/L	20	20	1.0
B	50 U	ug/L	50	50	1.0
Method: DISS-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
	Date Analyzed:	10/16/2006 2056			
	Date Prepared:	10/02/2006 0903			
As	5.0 U	ug/L	5.0	5.0	1.0
Se	10 U	ug/L	10	10	1.0
Method: TOT-REC-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
	Date Analyzed:	10/17/2006 2149			
	Date Prepared:	09/29/2006 0807			
Ag	10 U	ug/L	10	10	1.0
Al	290	ug/L	200	200	1.0
As	5.0 U	ug/L	5.0	5.0	1.0
B	50 U	ug/L	50	50	1.0
Ba	200 U	ug/L	200	200	1.0
Be	5.0 U	ug/L	5.0	5.0	1.0
Ca	43000	ug/L	5000	5000	1.0
Cd	5.0 U	ug/L	5.0	5.0	1.0
Co	50 U	ug/L	50	50	1.0
Cr	10 U	ug/L	10	10	1.0

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Job Number: 420-7811-1

Client Sample ID: SW #13
Lab Sample ID: 420-7811-1

Date Sampled: 09/27/2006 0804
Date Received: 09/28/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: TOT-REC-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
	Date Analyzed:	10/17/2006 2149			
	Date Prepared:	09/29/2006 0807			
Cu	25 U	ug/L	25	25	1.0
Fe	1300	ug/L	100	100	1.0
K	5000 U	ug/L	5000	5000	1.0
Mg	9400	ug/L	5000	5000	1.0
Na	16000	ug/L	5000	5000	1.0
Ni	40 U	ug/L	40	40	1.0
Pb	5.0 U	ug/L	5.0	5.0	1.0
Mn	290	ug/L	15	15	1.0
Sb	60 U	ug/L	60	60	1.0
Se	10 U	ug/L	10	10	1.0
V	50 U	ug/L	50	50	1.0
Tl	10 U	ug/L	10	10	1.0
Zn	20 U	ug/L	20	20	1.0
Method: 245.1					
Prep Method: 245.1					
	Date Analyzed:	10/05/2006 1257			
	Date Prepared:	10/04/2006 1245			
Hg	0.20 U	ug/L	0.20	0.20	1.0
Method: DISS-245.1					
Prep Method: 245.1					
	Date Analyzed:	10/09/2006 1159			
	Date Prepared:	10/06/2006 1345			
Hg	0.20 U	ug/L	0.20	0.20	1.0
Method: 2340B					
	Date Analyzed:	10/17/2006 2011			
Hardness as calcium carbonate	140	mg/L	2.5	2.5	1.0
Method: 110.2					
	Date Analyzed:	09/28/2006 1305			
Color	400	Color Units	25	25	10
Method: 160.1					
	Date Analyzed:	10/02/2006 1230			
Total Dissolved Solids	250	mg/L	5.0	5.0	1.0
Method: 2320B					
	Date Analyzed:	09/30/2006 1013			
Alkalinity	89	mg/L	5.0	5.0	1.0

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Job Number: 420-7811-1

Client Sample ID: SW #13
Lab Sample ID: 420-7811-1

Date Sampled: 09/27/2006 0804
Date Received: 09/28/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 300.0	Date Analyzed:	09/28/2006 1754			
Bromide	1.0 U	mg/L	1.0	1.0	1.0
Method: 300.0	Date Analyzed:	09/29/2006 0847			
Sulfate	48 *	mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:	09/28/2006 1754			
Nitrogen, Nitrate	0.35	mg/L	0.25	0.25	1.0
Method: 335.3	Date Analyzed:	10/05/2006 0811			
Prep Method: Distillation	Date Prepared:	10/02/2006 0545			
Cyanide, Total	0.010 U	mg/L	0.010	0.010	1.0
Method: 350.2	Date Analyzed:	09/28/2006 0913			
Prep Method: Distill/Ammonia	Date Prepared:	09/28/2006 0909			
Ammonia	1.0 U	mg/L	1.0	1.0	1.0
Method: 3500 CR D	Date Analyzed:	09/28/2006 0900			
Cr (VI)	0.010 U	mg/L	0.010	0.010	1.0
Method: 351.2	Date Analyzed:	10/04/2006 1220			
Prep Method: 351.2	Date Prepared:	10/03/2006 1116			
TKN	1.6	mg/L	1.0	1.0	1.0
Method: 410.1	Date Analyzed:	10/05/2006 1700			
Prep Method: 410.1	Date Prepared:	10/05/2006 1000			
Chemical Oxygen Demand	50	mg/L	10	10	1.0
Method: 420.4	Date Analyzed:	10/04/2006 1435			
Prep Method: Distill/Phenol	Date Prepared:	10/02/2006 1141			
Phenolics, Total Recoverable	0.010 U	mg/L	0.010	0.010	1.0
Method: 4500 CL B	Date Analyzed:	09/29/2006 1140			

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Job Number: 420-7811-1

Client Sample ID: SW #13
Lab Sample ID: 420-7811-1

Date Sampled: 09/27/2006 0804
Date Received: 09/28/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 4500 CL B	Date Analyzed:	09/29/2006 1140			
Chloride	23	mg/L	5.0	5.0	1.0
Method: 5210B	Date Analyzed:	09/28/2006 1046			
Biochemical Oxygen Demand	4.0 U	mg/L	4.0	4.0	2.0
Method: 5310_C	Date Analyzed:	10/03/2006 0954			
Total Organic Carbon	18	mg/L	1.0	1.0	1.0

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Job Number: 420-7811-1

Client Sample ID: MW #223 S
Lab Sample ID: 420-7811-2

Date Sampled: 09/27/2006 0900
Date Received: 09/28/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/05/2006 1458			
Prep Method: 5030B	Date Prepared:		10/05/2006 1458			
Chloroform	5.0	U	ug/L	0.70	5.0	1.0
1,1,1-Trichloroethane	5.0	U	ug/L	0.40	5.0	1.0
Carbon tetrachloride	5.0	U	ug/L	1.0	5.0	1.0
Benzene	5.0	U	ug/L	0.40	5.0	1.0
1,2-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Trichloroethene	5.0	U	ug/L	0.70	5.0	1.0
1,2-Dichloropropane	5.0	U	ug/L	0.90	5.0	1.0
Dibromomethane	5.0	U	ug/L	0.60	5.0	1.0
Bromodichloromethane	5.0	U	ug/L	0.40	5.0	1.0
cis-1,3-Dichloropropene	5.0	U	ug/L	0.50	5.0	1.0
4-Methyl-2-pentanone (MIBK)	10	U	ug/L	0.70	10	1.0
Toluene	5.0	U	ug/L	0.30	5.0	1.0
trans-1,3-Dichloropropene	5.0	U	ug/L	0.80	5.0	1.0
1,1,2-Trichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Tetrachloroethene	5.0	U	ug/L	0.50	5.0	1.0
2-Hexanone	10	U	ug/L	0.80	10	1.0
Dibromochloromethane	5.0	U	ug/L	0.50	5.0	1.0
1,2-Dibromoethane	5.0	U	ug/L	0.50	5.0	1.0
Chlorobenzene	5.0	U	ug/L	0.40	5.0	1.0
1,1,1,2-Tetrachloroethane	5.0	U	ug/L	0.70	5.0	1.0
Ethylbenzene	5.0	U	ug/L	1.0	5.0	1.0
Xylenes, Total	5.0	U	ug/L	1.0	5.0	1.0
Styrene	5.0	U	ug/L	0.50	5.0	1.0
Bromoform	5.0	U	ug/L	0.80	5.0	1.0
trans-1,4-Dichloro-2-butene	10	U	ug/L	1.2	10	1.0
1,1,2,2-Tetrachloroethane	5.0	U	ug/L	0.40	5.0	1.0
1,2,3-Trichloropropane	5.0	U	ug/L	1.1	5.0	1.0
1,4-Dichlorobenzene	5.0	U	ug/L	0.50	5.0	1.0
1,2-Dichlorobenzene	5.0	U	ug/L	0.60	5.0	1.0
1,2-Dibromo-3-Chloropropane	5.0	U	ug/L	0.70	5.0	1.0
Acrylonitrile	10	U	ug/L	1.6	10	1.0
Acetone	10	U	ug/L	1.4	10	1.0
Bromochloromethane	5.0	U	ug/L	0.80	5.0	1.0
Carbon disulfide	5.0	U	ug/L	0.90	5.0	1.0
Chloroethane	5.0	U	ug/L	0.80	5.0	1.0
1,1-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,1-Dichloroethene	5.0	U	ug/L	0.70	5.0	1.0
cis-1,2-Dichloroethene	5.0	U	ug/L	0.60	5.0	1.0
trans-1,2-Dichloroethene	5.0	U	ug/L	0.50	5.0	1.0
Bromomethane	5.0	U	ug/L	1.2	5.0	1.0

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Job Number: 420-7811-1

Client Sample ID: MW #223 S
Lab Sample ID: 420-7811-2

Date Sampled: 09/27/2006 0900
Date Received: 09/28/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/05/2006 1458			
Prep Method: 5030B	Date Prepared:		10/05/2006 1458			
Chloromethane	5.0	U	ug/L	0.50	5.0	1.0
Methylene Chloride	5.0	U	ug/L	0.40	5.0	1.0
2-Butanone (MEK)	10	U	ug/L	1.2	10	1.0
Trichlorofluoromethane	5.0	U	ug/L	0.60	5.0	1.0
Vinyl acetate	5.0	U	ug/L	0.20	5.0	1.0
Vinyl chloride	5.0	U	ug/L	0.80	5.0	1.0
Surrogate					Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	116		%		53 - 125	
4-Bromofluorobenzene	112		%		73 - 127	
Dibromofluoromethane	121		%		54 - 137	
Toluene-d8 (Surr)	111		%		63 - 121	
Method: 351.2	Date Analyzed:		10/18/2006 1752			
Prep Method: 351.2	Date Prepared:		10/13/2006 1633			
Nitrogen, Kjeldahl	0.35		mg/L	0.11	0.20	2.0

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Job Number: 420-7811-1

Client Sample ID: MW #223 S
Lab Sample ID: 420-7811-2

Date Sampled: 09/27/2006 0900
Date Received: 09/28/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: DISS-200.7 Rev 4.4		Date Analyzed:	10/17/2006 1741			
Prep Method: 200.7 Appx C		Date Prepared:	09/29/2006 1518			
Al	200	U	ug/L	200	200	1.0
Sb	60	U	ug/L	60	60	1.0
As	25		ug/L	5.0	5.0	1.0
Ba	200	U	ug/L	200	200	1.0
Be	5.0	U	ug/L	5.0	5.0	1.0
Cd	5.0	U	ug/L	5.0	5.0	1.0
Ca	170000		ug/L	5000	5000	1.0
Cr	10	U	ug/L	10	10	1.0
Co	50	U	ug/L	50	50	1.0
Cu	25	U	ug/L	25	25	1.0
Fe	16000		ug/L	100	100	1.0
Pb	5.0	U	ug/L	5.0	5.0	1.0
Mg	38000		ug/L	5000	5000	1.0
Mn	2700		ug/L	15	15	1.0
Ni	40	U	ug/L	40	40	1.0
K	5000	U	ug/L	5000	5000	1.0
Se	10	U	ug/L	10	10	1.0
Ag	10	U	ug/L	10	10	1.0
Tl	10	U	ug/L	10	10	1.0
Na	17000		ug/L	5000	5000	1.0
V	50	U	ug/L	50	50	1.0
Zn	20	U	ug/L	20	20	1.0
B	50	U	ug/L	50	50	1.0
Method: TOT-REC-200.7 Rev 4.4		Date Analyzed:	10/17/2006 2011			
Prep Method: 200.7 Appx C		Date Prepared:	09/29/2006 0807			
Ag	10	U	ug/L	10	10	1.0
Al	200	U	ug/L	200	200	1.0
As	31		ug/L	5.0	5.0	1.0
Ba	200	U	ug/L	200	200	1.0
B	50	U	ug/L	50	50	1.0
Be	5.0	U	ug/L	5.0	5.0	1.0
Ca	170000		ug/L	5000	5000	1.0
Cd	5.0	U	ug/L	5.0	5.0	1.0
Co	50	U	ug/L	50	50	1.0
Cr	10	U	ug/L	10	10	1.0
Cu	25	U	ug/L	25	25	1.0
Fe	17000		ug/L	100	100	1.0
K	5000	U	ug/L	5000	5000	1.0
Mg	38000		ug/L	5000	5000	1.0

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Job Number: 420-7811-1

Client Sample ID: MW #223 S
Lab Sample ID: 420-7811-2

Date Sampled: 09/27/2006 0900
Date Received: 09/28/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: TOT-REC-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
Na	19000	ug/L	5000	5000	1.0
Ni	40 U	ug/L	40	40	1.0
Pb	5.0 U	ug/L	5.0	5.0	1.0
Mn	2800	ug/L	15	15	1.0
Sb	60 U	ug/L	60	60	1.0
Se	10 U	ug/L	10	10	1.0
V	50 U	ug/L	50	50	1.0
Tl	10 U	ug/L	10	10	1.0
Zn	20 U	ug/L	20	20	1.0
Method: 245.1					
Prep Method: 245.1					
Hg	0.20 U	ug/L	0.20	0.20	1.0
Method: DISS-245.1					
Prep Method: 245.1					
Hg	0.20 U	ug/L	0.20	0.20	1.0
Method: 2340B					
Hardness as calcium carbonate	590	mg/L	2.5	2.5	1.0
Method: 110.2					
Color	750	Color Units	25	25	10
Method: 160.1					
Total Dissolved Solids	660	mg/L	5.0	5.0	1.0
Method: 2320B					
Alkalinity	510	mg/L	5.0	5.0	1.0
Method: 300.0					
Bromide	1.0 U	mg/L	1.0	1.0	1.0

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Job Number: 420-7811-1

Client Sample ID: MW #223 S
Lab Sample ID: 420-7811-2

Date Sampled: 09/27/2006 0900
Date Received: 09/28/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 300.0	Date Analyzed:	09/28/2006 1804			
Method: 300.0	Date Analyzed:	09/29/2006 0949			
Sulfate	71 *	mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:	09/28/2006 1804			
Nitrogen, Nitrate	0.25 U	mg/L	0.25	0.25	1.0
Method: 335.3	Date Analyzed:	10/05/2006 0812			
Prep Method: Distillation	Date Prepared:	10/02/2006 0545			
Cyanide, Total	0.010 U	mg/L	0.010	0.010	1.0
Method: 350.2	Date Analyzed:	09/28/2006 0913			
Prep Method: Distill/Ammonia	Date Prepared:	09/28/2006 0909			
Ammonia	1.0 U	mg/L	1.0	1.0	1.0
Method: 3500 CR D	Date Analyzed:	09/28/2006 0900			
Cr (VI)	0.010 U	mg/L	0.010	0.010	1.0
Method: 410.1	Date Analyzed:	10/05/2006 1700			
Prep Method: 410.1	Date Prepared:	10/05/2006 1000			
Chemical Oxygen Demand	12	mg/L	10	10	1.0
Method: 420.4	Date Analyzed:	10/04/2006 1439			
Prep Method: Distill/Phenol	Date Prepared:	10/02/2006 1141			
Phenolics, Total Recoverable	0.010 U	mg/L	0.010	0.010	1.0
Method: 4500 CL B	Date Analyzed:	09/29/2006 1140			
Chloride	14	mg/L	5.0	5.0	1.0
Method: 5210B	Date Analyzed:	09/28/2006 1046			
Biochemical Oxygen Demand	4.0 U	mg/L	4.0	4.0	2.0

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Job Number: 420-7811-1

Client Sample ID: MW #223 S
Lab Sample ID: 420-7811-2

Date Sampled: 09/27/2006 0900
Date Received: 09/28/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 5210B	Date Analyzed:	09/28/2006	1046		
Method: 5310_C	Date Analyzed:	10/17/2006	1055		
Total Organic Carbon	3.8	mg/L	1.0	1.0	1.0

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Job Number: 420-7811-1

Client Sample ID: MW #223 D
Lab Sample ID: 420-7811-5

Date Sampled: 09/27/2006 1010
Date Received: 09/28/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/05/2006 2050			
Prep Method: 5030B	Date Prepared:		10/05/2006 2050			
Chloroform	5.0	U	ug/L	0.70	5.0	1.0
1,1,1-Trichloroethane	5.0	U	ug/L	0.40	5.0	1.0
Carbon tetrachloride	5.0	U	ug/L	1.0	5.0	1.0
Benzene	5.0	U	ug/L	0.40	5.0	1.0
1,2-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Trichloroethene	5.0	U	ug/L	0.70	5.0	1.0
1,2-Dichloropropane	5.0	U	ug/L	0.90	5.0	1.0
Dibromomethane	5.0	U	ug/L	0.60	5.0	1.0
Bromodichloromethane	5.0	U	ug/L	0.40	5.0	1.0
cis-1,3-Dichloropropene	5.0	U	ug/L	0.50	5.0	1.0
4-Methyl-2-pentanone (MIBK)	10	U	ug/L	0.70	10	1.0
Toluene	5.0	U	ug/L	0.30	5.0	1.0
trans-1,3-Dichloropropene	5.0	U	ug/L	0.80	5.0	1.0
1,1,2-Trichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Tetrachloroethene	5.0	U	ug/L	0.50	5.0	1.0
2-Hexanone	10	U	ug/L	0.80	10	1.0
Dibromochloromethane	5.0	U	ug/L	0.50	5.0	1.0
1,2-Dibromoethane	5.0	U	ug/L	0.50	5.0	1.0
Chlorobenzene	5.0	U	ug/L	0.40	5.0	1.0
1,1,1,2-Tetrachloroethane	5.0	U	ug/L	0.70	5.0	1.0
Ethylbenzene	5.0	U	ug/L	1.0	5.0	1.0
Xylenes, Total	5.0	U	ug/L	1.0	5.0	1.0
Styrene	5.0	U	ug/L	0.50	5.0	1.0
Bromoform	5.0	U	ug/L	0.80	5.0	1.0
trans-1,4-Dichloro-2-butene	10	U	ug/L	1.2	10	1.0
1,1,2,2-Tetrachloroethane	5.0	U	ug/L	0.40	5.0	1.0
1,2,3-Trichloropropane	5.0	U	ug/L	1.1	5.0	1.0
1,4-Dichlorobenzene	5.0	U	ug/L	0.50	5.0	1.0
1,2-Dichlorobenzene	5.0	U	ug/L	0.60	5.0	1.0
1,2-Dibromo-3-Chloropropane	5.0	U	ug/L	0.70	5.0	1.0
Acrylonitrile	10	U	ug/L	1.6	10	1.0
Acetone	10	U	ug/L	1.4	10	1.0
Bromochloromethane	5.0	U	ug/L	0.80	5.0	1.0
Carbon disulfide	5.0	U	ug/L	0.90	5.0	1.0
Chloroethane	5.0	U	ug/L	0.80	5.0	1.0
1,1-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,1-Dichloroethene	5.0	U	ug/L	0.70	5.0	1.0
cis-1,2-Dichloroethene	5.0	U	ug/L	0.60	5.0	1.0
trans-1,2-Dichloroethene	5.0	U	ug/L	0.50	5.0	1.0
Bromomethane	5.0	U	ug/L	1.2	5.0	1.0

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Job Number: 420-7811-1

Client Sample ID: MW #223 D
Lab Sample ID: 420-7811-5

Date Sampled: 09/27/2006 1010
Date Received: 09/28/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/05/2006	2050		
Prep Method: 5030B	Date Prepared:		10/05/2006	2050		
Chloromethane	5.0	U	ug/L	0.50	5.0	1.0
Methylene Chloride	5.0	U	ug/L	0.40	5.0	1.0
2-Butanone (MEK)	10	U	ug/L	1.2	10	1.0
Trichlorofluoromethane	5.0	U	ug/L	0.60	5.0	1.0
Vinyl acetate	5.0	U	ug/L	0.20	5.0	1.0
Vinyl chloride	5.0	U	ug/L	0.80	5.0	1.0
Surrogate				Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	115		%		53 - 125	
4-Bromofluorobenzene	113		%		73 - 127	
Dibromofluoromethane	123		%		54 - 137	
Toluene-d8 (Surr)	109		%		63 - 121	
Method: 351.2				Date Analyzed: 10/18/2006 1752		
Prep Method: 351.2				Date Prepared: 10/13/2006 1633		
Nitrogen, Kjeldahl	0.18	J	mg/L	0.11	0.20	2.0

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Job Number: 420-7811-1

Client Sample ID: MW #223 D
Lab Sample ID: 420-7811-5

Date Sampled: 09/27/2006 1010
Date Received: 09/28/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: DISS-200.7 Rev 4.4			Date Analyzed:	10/17/2006	1803	
Prep Method: 200.7 Appx C			Date Prepared:	09/29/2006	1518	
Al	200	U	ug/L	200	200	1.0
Sb	60	U	ug/L	60	60	1.0
As	22		ug/L	5.0	5.0	1.0
Ba	200	U	ug/L	200	200	1.0
Be	5.0	U	ug/L	5.0	5.0	1.0
Cd	5.0	U	ug/L	5.0	5.0	1.0
Ca	170000		ug/L	5000	5000	1.0
Cr	10	U	ug/L	10	10	1.0
Co	50	U	ug/L	50	50	1.0
Cu	25	U	ug/L	25	25	1.0
Fe	3400		ug/L	100	100	1.0
Pb	5.0	U	ug/L	5.0	5.0	1.0
Mg	41000		ug/L	5000	5000	1.0
Mn	1700		ug/L	15	15	1.0
Ni	40	U	ug/L	40	40	1.0
K	5000	U	ug/L	5000	5000	1.0
Se	10	U	ug/L	10	10	1.0
Ag	10	U	ug/L	10	10	1.0
Tl	10	U	ug/L	10	10	1.0
Na	13000		ug/L	5000	5000	1.0
V	50	U	ug/L	50	50	1.0
Zn	20	U	ug/L	20	20	1.0
B	50	U	ug/L	50	50	1.0
Method: TOT-REC-200.7 Rev 4.4			Date Analyzed:	10/17/2006	2039	
Prep Method: 200.7 Appx C			Date Prepared:	09/29/2006	0807	
Ag	10	U	ug/L	10	10	1.0
Al	200	U	ug/L	200	200	1.0
As	27		ug/L	5.0	5.0	1.0
Ba	200	U	ug/L	200	200	1.0
B	50	U	ug/L	50	50	1.0
Be	5.0	U	ug/L	5.0	5.0	1.0
Ca	170000		ug/L	5000	5000	1.0
Cd	5.0	U	ug/L	5.0	5.0	1.0
Co	50	U	ug/L	50	50	1.0
Cr	10	U	ug/L	10	10	1.0
Cu	25	U	ug/L	25	25	1.0
Fe	3600		ug/L	100	100	1.0
K	5000	U	ug/L	5000	5000	1.0
Mg	41000		ug/L	5000	5000	1.0

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Job Number: 420-7811-1

Client Sample ID: MW #223 D
Lab Sample ID: 420-7811-5

Date Sampled: 09/27/2006 1010
Date Received: 09/28/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: TOT-REC-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
Na	14000	ug/L	5000	5000	1.0
Ni	40 U	ug/L	40	40	1.0
Pb	5.0 U	ug/L	5.0	5.0	1.0
Mn	1700	ug/L	15	15	1.0
Sb	60 U	ug/L	60	60	1.0
Se	10 U	ug/L	10	10	1.0
V	50 U	ug/L	50	50	1.0
Tl	10 U	ug/L	10	10	1.0
Zn	20 U	ug/L	20	20	1.0
Method: 245.1					
Prep Method: 245.1					
Hg	0.20 U	ug/L	0.20	0.20	1.0
Method: DISS-245.1					
Hg	0.20 U	ug/L	0.20	0.20	1.0
Method: 2340B					
Hardness as calcium carbonate	600	mg/L	2.5	2.5	1.0
Method: 110.2					
Color	300	Color Units	25	25	10
Method: 160.1					
Total Dissolved Solids	660	mg/L	5.0	5.0	1.0
Method: 2320B					
Alkalinity	490	mg/L	5.0	5.0	1.0
Method: 300.0					
Bromide	1.0 U	mg/L	1.0	1.0	1.0

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Job Number: 420-7811-1

Client Sample ID: MW #223 D
Lab Sample ID: 420-7811-5

Date Sampled: 09/27/2006 1010
Date Received: 09/28/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 300.0	Date Analyzed:	09/28/2006 1833			
Method: 300.0	Date Analyzed:	09/29/2006 1019			
Sulfate	95 *	mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:	09/28/2006 1833			
Nitrogen, Nitrate	0.25 U	mg/L	0.25	0.25	1.0
Method: 335.3	Date Analyzed:	10/05/2006 0815			
Prep Method: Distillation	Date Prepared:	10/02/2006 0545			
Cyanide, Total	0.010 U	mg/L	0.010	0.010	1.0
Method: 350.2	Date Analyzed:	09/28/2006 0913			
Prep Method: Distill/Ammonia	Date Prepared:	09/28/2006 0909			
Ammonia	1.0 U	mg/L	1.0	1.0	1.0
Method: 3500 CR D	Date Analyzed:	09/28/2006 0900			
Cr (VI)	0.010 U	mg/L	0.010	0.010	1.0
Method: 410.1	Date Analyzed:	10/05/2006 1700			
Prep Method: 410.1	Date Prepared:	10/05/2006 1000			
Chemical Oxygen Demand	10	mg/L	10	10	1.0
Method: 420.4	Date Analyzed:	10/04/2006 1438			
Prep Method: Distill/Phenol	Date Prepared:	10/02/2006 1141			
Phenolics, Total Recoverable	0.010 U	mg/L	0.010	0.010	1.0
Method: 4500 CL B	Date Analyzed:	09/29/2006 1140			
Chloride	15	mg/L	5.0	5.0	1.0
Method: 5210B	Date Analyzed:	09/28/2006 1046			
Biochemical Oxygen Demand	4.0 U	mg/L	4.0	4.0	2.0

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Job Number: 420-7811-1

Client Sample ID: MW #223 D
Lab Sample ID: 420-7811-5

Date Sampled: 09/27/2006 1010
Date Received: 09/28/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 5210B	Date Analyzed:	09/28/2006	1046		
Method: 5310_C	Date Analyzed:	10/03/2006	0954		
Total Organic Carbon	3.7	mg/L	1.0	1.0	1.0

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Job Number: 420-7811-1

Client Sample ID: MW #207 D
Lab Sample ID: 420-7811-6

Date Sampled: 09/27/2006 1055
Date Received: 09/28/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/05/2006 2117			
Prep Method: 5030B	Date Prepared:		10/05/2006 2117			
Chloroform	5.0	U	ug/L	0.70	5.0	1.0
1,1,1-Trichloroethane	5.0	U	ug/L	0.40	5.0	1.0
Carbon tetrachloride	5.0	U	ug/L	1.0	5.0	1.0
Benzene	5.0	U	ug/L	0.40	5.0	1.0
1,2-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Trichloroethene	5.0	U	ug/L	0.70	5.0	1.0
1,2-Dichloropropane	5.0	U	ug/L	0.90	5.0	1.0
Dibromomethane	5.0	U	ug/L	0.60	5.0	1.0
Bromodichloromethane	5.0	U	ug/L	0.40	5.0	1.0
cis-1,3-Dichloropropene	5.0	U	ug/L	0.50	5.0	1.0
4-Methyl-2-pentanone (MIBK)	10	U	ug/L	0.70	10	1.0
Toluene	5.0	U	ug/L	0.30	5.0	1.0
trans-1,3-Dichloropropene	5.0	U	ug/L	0.80	5.0	1.0
1,1,2-Trichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Tetrachloroethene	5.0	U	ug/L	0.50	5.0	1.0
2-Hexanone	10	U	ug/L	0.80	10	1.0
Dibromochloromethane	5.0	U	ug/L	0.50	5.0	1.0
1,2-Dibromoethane	5.0	U	ug/L	0.50	5.0	1.0
Chlorobenzene	5.0	U	ug/L	0.40	5.0	1.0
1,1,1,2-Tetrachloroethane	5.0	U	ug/L	0.70	5.0	1.0
Ethylbenzene	5.0	U	ug/L	1.0	5.0	1.0
Xylenes, Total	5.0	U	ug/L	1.0	5.0	1.0
Styrene	5.0	U	ug/L	0.50	5.0	1.0
Bromoform	5.0	U	ug/L	0.80	5.0	1.0
trans-1,4-Dichloro-2-butene	10	U	ug/L	1.2	10	1.0
1,1,2,2-Tetrachloroethane	5.0	U	ug/L	0.40	5.0	1.0
1,2,3-Trichloropropane	5.0	U	ug/L	1.1	5.0	1.0
1,4-Dichlorobenzene	5.0	U	ug/L	0.50	5.0	1.0
1,2-Dichlorobenzene	5.0	U	ug/L	0.60	5.0	1.0
1,2-Dibromo-3-Chloropropane	5.0	U	ug/L	0.70	5.0	1.0
Acrylonitrile	10	U	ug/L	1.6	10	1.0
Acetone	10	U	ug/L	1.4	10	1.0
Bromochloromethane	5.0	U	ug/L	0.80	5.0	1.0
Carbon disulfide	5.0	U	ug/L	0.90	5.0	1.0
Chloroethane	5.0	U	ug/L	0.80	5.0	1.0
1,1-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,1-Dichloroethene	5.0	U	ug/L	0.70	5.0	1.0
cis-1,2-Dichloroethene	5.0	U	ug/L	0.60	5.0	1.0
trans-1,2-Dichloroethene	5.0	U	ug/L	0.50	5.0	1.0
Bromomethane	5.0	U	ug/L	1.2	5.0	1.0

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Job Number: 420-7811-1

Client Sample ID: MW #207 D
Lab Sample ID: 420-7811-6

Date Sampled: 09/27/2006 1055
Date Received: 09/28/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/05/2006 2117			
Prep Method: 5030B	Date Prepared:		10/05/2006 2117			
Chloromethane	5.0	U	ug/L	0.50	5.0	1.0
Methylene Chloride	5.0	U	ug/L	0.40	5.0	1.0
2-Butanone (MEK)	10	U	ug/L	1.2	10	1.0
Trichlorofluoromethane	5.0	U	ug/L	0.60	5.0	1.0
Vinyl acetate	5.0	U	ug/L	0.20	5.0	1.0
Vinyl chloride	5.0	U	ug/L	0.80	5.0	1.0
Surrogate				Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	115	%			53 - 125	
4-Bromofluorobenzene	111	%			73 - 127	
Dibromofluoromethane	121	%			54 - 137	
Toluene-d8 (Surr)	110	%			63 - 121	
Method: 351.2	Date Analyzed:		10/18/2006 1752			
Prep Method: 351.2	Date Prepared:		10/13/2006 1633			
Nitrogen, Kjeldahl	0.41		mg/L	0.11	0.20	2.0

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Job Number: 420-7811-1

Client Sample ID: MW #207 D
Lab Sample ID: 420-7811-6

Date Sampled: 09/27/2006 1055
Date Received: 09/28/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: DISS-200.7 Rev 4.4		Date Analyzed:	10/17/2006 1808		
Prep Method: 200.7 Appx C		Date Prepared:	09/29/2006 1518		
Al	200 U	ug/L	200	200	1.0
Sb	60 U	ug/L	60	60	1.0
As	42	ug/L	5.0	5.0	1.0
Ba	200 U	ug/L	200	200	1.0
Be	5.0 U	ug/L	5.0	5.0	1.0
Cd	5.0 U	ug/L	5.0	5.0	1.0
Ca	130000	ug/L	5000	5000	1.0
Cr	10 U	ug/L	10	10	1.0
Co	50 U	ug/L	50	50	1.0
Cu	25 U	ug/L	25	25	1.0
Fe	2300	ug/L	100	100	1.0
Pb	5.0 U	ug/L	5.0	5.0	1.0
Mg	27000	ug/L	5000	5000	1.0
Mn	1900	ug/L	15	15	1.0
Ni	40 U	ug/L	40	40	1.0
K	5000 U	ug/L	5000	5000	1.0
Se	10 U	ug/L	10	10	1.0
Ag	10 U	ug/L	10	10	1.0
Tl	10 U	ug/L	10	10	1.0
Na	8800	ug/L	5000	5000	1.0
V	50 U	ug/L	50	50	1.0
Zn	20 U	ug/L	20	20	1.0
B	50 U	ug/L	50	50	1.0
Method: TOT-REC-200.7 Rev 4.4		Date Analyzed:	10/17/2006 2045		
Prep Method: 200.7 Appx C		Date Prepared:	09/29/2006 0807		
Ag	10 U	ug/L	10	10	1.0
Al	200 U	ug/L	200	200	1.0
As	51	ug/L	5.0	5.0	1.0
Ba	200 U	ug/L	200	200	1.0
B	50 U	ug/L	50	50	1.0
Be	5.0 U	ug/L	5.0	5.0	1.0
Ca	130000	ug/L	5000	5000	1.0
Cd	5.0 U	ug/L	5.0	5.0	1.0
Co	50 U	ug/L	50	50	1.0
Cr	10 U	ug/L	10	10	1.0
Cu	25 U	ug/L	25	25	1.0
Fe	2800	ug/L	100	100	1.0
K	5000 U	ug/L	5000	5000	1.0
Mg	28000	ug/L	5000	5000	1.0

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Job Number: 420-7811-1

Client Sample ID: MW #207 D
Lab Sample ID: 420-7811-6

Date Sampled: 09/27/2006 1055
Date Received: 09/28/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: TOT-REC-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
Na	10000	ug/L	5000	5000	1.0
Ni	40 U	ug/L	40	40	1.0
Pb	5.0 U	ug/L	5.0	5.0	1.0
Mn	2300	ug/L	15	15	1.0
Sb	60 U	ug/L	60	60	1.0
Se	10 U	ug/L	10	10	1.0
V	50 U	ug/L	50	50	1.0
Tl	10 U	ug/L	10	10	1.0
Zn	20 U	ug/L	20	20	1.0
Method: 245.1					
Prep Method: 245.1					
Hg	0.20 U	ug/L	0.20	0.20	1.0
Method: DISS-245.1					
Prep Method: 245.1					
Hg	0.20 U	ug/L	0.20	0.20	1.0
Method: 2340B					
Date Analyzed: 10/17/2006 2011					
Hardness as calcium carbonate	430	mg/L	2.5	2.5	1.0
Method: 110.2					
Date Analyzed: 09/28/2006 1329					
Color	300	Color Units	25	25	10
Method: 160.1					
Date Analyzed: 10/02/2006 1230					
Total Dissolved Solids	520	mg/L	5.0	5.0	1.0
Method: 2320B					
Date Analyzed: 09/30/2006 1013					
Alkalinity	330	mg/L	5.0	5.0	1.0
Method: 300.0					
Date Analyzed: 09/28/2006 1843					
Bromide	1.0 U	mg/L	1.0	1.0	1.0

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Job Number: 420-7811-1

Client Sample ID: MW #207 D
Lab Sample ID: 420-7811-6

Date Sampled: 09/27/2006 1055
Date Received: 09/28/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 300.0	Date Analyzed:	09/28/2006 1843			
Method: 300.0	Date Analyzed:	09/29/2006 1029			
Sulfate	87 *	mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:	09/28/2006 1843			
Nitrogen, Nitrate	0.25 U	mg/L	0.25	0.25	1.0
Method: 335.3	Date Analyzed:	10/05/2006 0816			
Prep Method: Distillation	Date Prepared:	10/02/2006 0545			
Cyanide, Total	0.010 U	mg/L	0.010	0.010	1.0
Method: 350.2	Date Analyzed:	09/28/2006 0913			
Prep Method: Distill/Ammonia	Date Prepared:	09/28/2006 0909			
Ammonia	1.0 U	mg/L	1.0	1.0	1.0
Method: 3500 CR D	Date Analyzed:	09/28/2006 0900			
Cr (VI)	0.010 U	mg/L	0.010	0.010	1.0
Method: 410.1	Date Analyzed:	10/05/2006 1700			
Prep Method: 410.1	Date Prepared:	10/05/2006 1000			
Chemical Oxygen Demand	12	mg/L	10	10	1.0
Method: 420.4	Date Analyzed:	10/04/2006 1501			
Prep Method: Distill/Phenol	Date Prepared:	10/03/2006 1126			
Phenolics, Total Recoverable	0.010 U	mg/L	0.010	0.010	1.0
Method: 4500 CL B	Date Analyzed:	09/29/2006 1140			
Chloride	12	mg/L	5.0	5.0	1.0
Method: 5210B	Date Analyzed:	09/28/2006 1046			
Biochemical Oxygen Demand	4.0 U	mg/L	4.0	4.0	2.0

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Job Number: 420-7811-1

Client Sample ID: MW #207 D
Lab Sample ID: 420-7811-6

Date Sampled: 09/27/2006 1055
Date Received: 09/28/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 5210B	Date Analyzed:	09/28/2006	1046		
Method: 5310_C	Date Analyzed:	10/03/2006	0954		
Total Organic Carbon	3.7	mg/L	1.0	1.0	1.0

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Job Number: 420-7811-1

Client Sample ID: MW #207 SA
Lab Sample ID: 420-7811-8

Date Sampled: 09/27/2006 1131
Date Received: 09/28/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/05/2006 2212			
Prep Method: 5030B	Date Prepared:		10/05/2006 2212			
Chloroform	5.0	U	ug/L	0.70	5.0	1.0
1,1,1-Trichloroethane	5.0	U	ug/L	0.40	5.0	1.0
Carbon tetrachloride	5.0	U	ug/L	1.0	5.0	1.0
Benzene	5.0	U	ug/L	0.40	5.0	1.0
1,2-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Trichloroethene	5.0	U	ug/L	0.70	5.0	1.0
1,2-Dichloropropane	5.0	U	ug/L	0.90	5.0	1.0
Dibromomethane	5.0	U	ug/L	0.60	5.0	1.0
Bromodichloromethane	5.0	U	ug/L	0.40	5.0	1.0
cis-1,3-Dichloropropene	5.0	U	ug/L	0.50	5.0	1.0
4-Methyl-2-pentanone (MIBK)	10	U	ug/L	0.70	10	1.0
Toluene	5.0	U	ug/L	0.30	5.0	1.0
trans-1,3-Dichloropropene	5.0	U	ug/L	0.80	5.0	1.0
1,1,2-Trichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Tetrachloroethene	5.0	U	ug/L	0.50	5.0	1.0
2-Hexanone	10	U	ug/L	0.80	10	1.0
Dibromochloromethane	5.0	U	ug/L	0.50	5.0	1.0
1,2-Dibromoethane	5.0	U	ug/L	0.50	5.0	1.0
Chlorobenzene	5.0	U	ug/L	0.40	5.0	1.0
1,1,1,2-Tetrachloroethane	5.0	U	ug/L	0.70	5.0	1.0
Ethylbenzene	5.0	U	ug/L	1.0	5.0	1.0
Xylenes, Total	5.0	U	ug/L	1.0	5.0	1.0
Styrene	5.0	U	ug/L	0.50	5.0	1.0
Bromoform	5.0	U	ug/L	0.80	5.0	1.0
trans-1,4-Dichloro-2-butene	10	U	ug/L	1.2	10	1.0
1,1,2,2-Tetrachloroethane	5.0	U	ug/L	0.40	5.0	1.0
1,2,3-Trichloropropane	5.0	U	ug/L	1.1	5.0	1.0
1,4-Dichlorobenzene	5.0	U	ug/L	0.50	5.0	1.0
1,2-Dichlorobenzene	5.0	U	ug/L	0.60	5.0	1.0
1,2-Dibromo-3-Chloropropane	5.0	U	ug/L	0.70	5.0	1.0
Acrylonitrile	10	U	ug/L	1.6	10	1.0
Acetone	10	U	ug/L	1.4	10	1.0
Bromochloromethane	5.0	U	ug/L	0.80	5.0	1.0
Carbon disulfide	5.0	U	ug/L	0.90	5.0	1.0
Chloroethane	5.0	U	ug/L	0.80	5.0	1.0
1,1-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,1-Dichloroethene	5.0	U	ug/L	0.70	5.0	1.0
cis-1,2-Dichloroethene	5.0	U	ug/L	0.60	5.0	1.0
trans-1,2-Dichloroethene	5.0	U	ug/L	0.50	5.0	1.0
Bromomethane	5.0	U	ug/L	1.2	5.0	1.0

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Job Number: 420-7811-1

Client Sample ID: MW #207 SA
Lab Sample ID: 420-7811-8

Date Sampled: 09/27/2006 1131
Date Received: 09/28/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/05/2006 2212			
Prep Method: 5030B	Date Prepared:		10/05/2006 2212			
Chloromethane	5.0	U	ug/L	0.50	5.0	1.0
Methylene Chloride	5.0	U	ug/L	0.40	5.0	1.0
2-Butanone (MEK)	10	U	ug/L	1.2	10	1.0
Trichlorofluoromethane	5.0	U	ug/L	0.60	5.0	1.0
Vinyl acetate	5.0	U	ug/L	0.20	5.0	1.0
Vinyl chloride	5.0	U	ug/L	0.80	5.0	1.0
Surrogate					Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	114		%		53 - 125	
4-Bromofluorobenzene	112		%		73 - 127	
Dibromofluoromethane	120		%		54 - 137	
Toluene-d8 (Surr)	109		%		63 - 121	
Method: 351.2	Date Analyzed:		10/18/2006 1801			
Prep Method: 351.2	Date Prepared:		10/13/2006 1633			
Nitrogen, Kjeldahl	0.49		mg/L	0.11	0.20	2.0

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Job Number: 420-7811-1

Client Sample ID: MW #207 SA
Lab Sample ID: 420-7811-8

Date Sampled: 09/27/2006 1131
Date Received: 09/28/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: DISS-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
	Date Analyzed:	10/17/2006 1819			
	Date Prepared:	09/29/2006 1518			
Al	200 U	ug/L	200	200	1.0
Sb	60 U	ug/L	60	60	1.0
As	11	ug/L	5.0	5.0	1.0
Ba	300	ug/L	200	200	1.0
Be	5.0 U	ug/L	5.0	5.0	1.0
Cd	5.0 U	ug/L	5.0	5.0	1.0
Ca	150000	ug/L	5000	5000	1.0
Cr	10 U	ug/L	10	10	1.0
Co	50 U	ug/L	50	50	1.0
Cu	25 U	ug/L	25	25	1.0
Fe	13000	ug/L	100	100	1.0
Pb	5.0 U	ug/L	5.0	5.0	1.0
Mg	31000	ug/L	5000	5000	1.0
Mn	1100	ug/L	15	15	1.0
Ni	40 U	ug/L	40	40	1.0
K	5000 U	ug/L	5000	5000	1.0
Se	10 U	ug/L	10	10	1.0
Ag	10 U	ug/L	10	10	1.0
Tl	10 U	ug/L	10	10	1.0
Na	8800	ug/L	5000	5000	1.0
V	50 U	ug/L	50	50	1.0
Zn	20 U	ug/L	20	20	1.0
B	50 U	ug/L	50	50	1.0
Method: TOT-REC-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
	Date Analyzed:	10/17/2006 2122			
	Date Prepared:	09/29/2006 0807			
Ag	10 U	ug/L	10	10	1.0
Al	200 U	ug/L	200	200	1.0
As	41	ug/L	5.0	5.0	1.0
Ba	300	ug/L	200	200	1.0
B	50 U	ug/L	50	50	1.0
Be	5.0 U	ug/L	5.0	5.0	1.0
Ca	150000	ug/L	5000	5000	1.0
Cd	5.0 U	ug/L	5.0	5.0	1.0
Co	50 U	ug/L	50	50	1.0
Cr	10 U	ug/L	10	10	1.0
Cu	25 U	ug/L	25	25	1.0
Fe	19000	ug/L	100	100	1.0
K	5000 U	ug/L	5000	5000	1.0
Mg	31000	ug/L	5000	5000	1.0

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Job Number: 420-7811-1

Client Sample ID: MW #207 SA
Lab Sample ID: 420-7811-8

Date Sampled: 09/27/2006 1131
Date Received: 09/28/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: TOT-REC-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
	Date Analyzed:	10/17/2006 2122			
	Date Prepared:	09/29/2006 0807			
Na	10000	ug/L	5000	5000	1.0
Ni	40 U	ug/L	40	40	1.0
Pb	5.0 U	ug/L	5.0	5.0	1.0
Mn	1000	ug/L	15	15	1.0
Sb	60 U	ug/L	60	60	1.0
Se	10 U	ug/L	10	10	1.0
V	50 U	ug/L	50	50	1.0
Tl	10 U	ug/L	10	10	1.0
Zn	20 U	ug/L	20	20	1.0
Method: 245.1					
Prep Method: 245.1					
Hg	0.20 U	ug/L	0.20	0.20	1.0
Method: DISS-245.1					
Prep Method: 245.1					
Hg	0.20 U	ug/L	0.20	0.20	1.0
Method: 2340B					
Date Analyzed: 10/17/2006 2011					
Hardness as calcium carbonate	500	mg/L	2.5	2.5	1.0
Method: 110.2					
Date Analyzed: 09/28/2006 1335					
Color	1000	Color Units	250	250	100
Method: 160.1					
Date Analyzed: 10/02/2006 1230					
Total Dissolved Solids	550	mg/L	5.0	5.0	1.0
Method: 2320B					
Date Analyzed: 10/03/2006 1000					
Alkalinity	580	mg/L	5.0	5.0	1.0
Method: 300.0					
Date Analyzed: 09/28/2006 1922					
Bromide	1.0 U	mg/L	1.0	1.0	1.0

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Job Number: 420-7811-1

Client Sample ID: MW #207 SA
Lab Sample ID: 420-7811-8

Date Sampled: 09/27/2006 1131
Date Received: 09/28/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 300.0	Date Analyzed:	09/28/2006 1922			
Sulfate	9.3 *	mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:	09/28/2006 1922			
Nitrogen, Nitrate	0.25 U	mg/L	0.25	0.25	1.0
Method: 335.3	Date Analyzed:	10/05/2006 0817			
Prep Method: Distillation	Date Prepared:	10/02/2006 0545			
Cyanide, Total	0.010 U	mg/L	0.010	0.010	1.0
Method: 350.2	Date Analyzed:	09/28/2006 0913			
Prep Method: Distill/Ammonia	Date Prepared:	09/28/2006 0909			
Ammonia	1.2	mg/L	1.0	1.0	1.0
Method: 3500 CR D	Date Analyzed:	09/28/2006 0900			
Cr (VI)	0.010 U	mg/L	0.010	0.010	1.0
Method: 410.1	Date Analyzed:	10/05/2006 1700			
Prep Method: 410.1	Date Prepared:	10/05/2006 1000			
Chemical Oxygen Demand	15	mg/L	10	10	1.0
Method: 420.4	Date Analyzed:	10/04/2006 1502			
Prep Method: Distill/Phenol	Date Prepared:	10/03/2006 1126			
Phenolics, Total Recoverable	0.010 U	mg/L	0.010	0.010	1.0
Method: 4500 CL B	Date Analyzed:	09/29/2006 1140			
Chloride	15	mg/L	5.0	5.0	1.0
Method: 5210B	Date Analyzed:	09/28/2006 1046			
Biochemical Oxygen Demand	6.3	mg/L	4.0	4.0	2.0
Method: 5310_C	Date Analyzed:	10/03/2006 0954			

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Job Number: 420-7811-1

Client Sample ID: MW #207 SA
Lab Sample ID: 420-7811-8

Date Sampled: 09/27/2006 1131
Date Received: 09/28/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 5310_C	Date Analyzed:	10/03/2006 0954			
Total Organic Carbon	3.6	mg/L	1.0	1.0	1.0

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Job Number: 420-7811-1

Client Sample ID: MW # 303 D
Lab Sample ID: 420-7811-9

Date Sampled: 09/27/2006 1219
Date Received: 09/28/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/05/2006 2238			
Prep Method: 5030B	Date Prepared:		10/05/2006 2238			
Chloroform	5.0	U	ug/L	0.70	5.0	1.0
1,1,1-Trichloroethane	5.0	U	ug/L	0.40	5.0	1.0
Carbon tetrachloride	5.0	U	ug/L	1.0	5.0	1.0
Benzene	5.0	U	ug/L	0.40	5.0	1.0
1,2-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Trichloroethene	5.0	U	ug/L	0.70	5.0	1.0
1,2-Dichloropropane	5.0	U	ug/L	0.90	5.0	1.0
Dibromomethane	5.0	U	ug/L	0.60	5.0	1.0
Bromodichloromethane	5.0	U	ug/L	0.40	5.0	1.0
cis-1,3-Dichloropropene	5.0	U	ug/L	0.50	5.0	1.0
4-Methyl-2-pentanone (MIBK)	10	U	ug/L	0.70	10	1.0
Toluene	5.0	U	ug/L	0.30	5.0	1.0
trans-1,3-Dichloropropene	5.0	U	ug/L	0.80	5.0	1.0
1,1,2-Trichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Tetrachloroethene	5.0	U	ug/L	0.50	5.0	1.0
2-Hexanone	10	U	ug/L	0.80	10	1.0
Dibromochloromethane	5.0	U	ug/L	0.50	5.0	1.0
1,2-Dibromoethane	5.0	U	ug/L	0.50	5.0	1.0
Chlorobenzene	5.0	U	ug/L	0.40	5.0	1.0
1,1,1,2-Tetrachloroethane	5.0	U	ug/L	0.70	5.0	1.0
Ethylbenzene	5.0	U	ug/L	1.0	5.0	1.0
Xylenes, Total	5.0	U	ug/L	1.0	5.0	1.0
Styrene	5.0	U	ug/L	0.50	5.0	1.0
Bromoform	5.0	U	ug/L	0.80	5.0	1.0
trans-1,4-Dichloro-2-butene	10	U	ug/L	1.2	10	1.0
1,1,2,2-Tetrachloroethane	5.0	U	ug/L	0.40	5.0	1.0
1,2,3-Trichloropropane	5.0	U	ug/L	1.1	5.0	1.0
1,4-Dichlorobenzene	5.0	U	ug/L	0.50	5.0	1.0
1,2-Dichlorobenzene	5.0	U	ug/L	0.60	5.0	1.0
1,2-Dibromo-3-Chloropropane	5.0	U	ug/L	0.70	5.0	1.0
Acrylonitrile	10	U	ug/L	1.6	10	1.0
Acetone	10	U	ug/L	1.4	10	1.0
Bromochloromethane	5.0	U	ug/L	0.80	5.0	1.0
Carbon disulfide	5.0	U	ug/L	0.90	5.0	1.0
Chloroethane	5.0	U	ug/L	0.80	5.0	1.0
1,1-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,1-Dichloroethene	5.0	U	ug/L	0.70	5.0	1.0
cis-1,2-Dichloroethene	5.0	U	ug/L	0.60	5.0	1.0
trans-1,2-Dichloroethene	5.0	U	ug/L	0.50	5.0	1.0
Bromomethane	5.0	U	ug/L	1.2	5.0	1.0

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Job Number: 420-7811-1

Client Sample ID: MW # 303 D
Lab Sample ID: 420-7811-9

Date Sampled: 09/27/2006 1219
Date Received: 09/28/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/05/2006 2238			
Prep Method: 5030B	Date Prepared:		10/05/2006 2238			
Chloromethane	5.0	U	ug/L	0.50	5.0	1.0
Methylene Chloride	5.0	U	ug/L	0.40	5.0	1.0
2-Butanone (MEK)	10	U	ug/L	1.2	10	1.0
Trichlorofluoromethane	5.0	U	ug/L	0.60	5.0	1.0
Vinyl acetate	5.0	U	ug/L	0.20	5.0	1.0
Vinyl chloride	5.0	U	ug/L	0.80	5.0	1.0
Surrogate				Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	117	%			53 - 125	
4-Bromofluorobenzene	111	%			73 - 127	
Dibromofluoromethane	119	%			54 - 137	
Toluene-d8 (Surr)	110	%			63 - 121	
Method: 351.2	Date Analyzed:		10/18/2006 1801			
Prep Method: 351.2	Date Prepared:		10/13/2006 1633			
Nitrogen, Kjeldahl	0.41		mg/L	0.11	0.20	2.0

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Job Number: 420-7811-1

Client Sample ID: MW # 303 D
Lab Sample ID: 420-7811-9

Date Sampled: 09/27/2006 1219
Date Received: 09/28/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: DISS-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
	Date Analyzed:	10/17/2006	1825		
	Date Prepared:	09/29/2006	1518		
Al	200 U	ug/L	200	200	1.0
Sb	60 U	ug/L	60	60	1.0
As	5.8	ug/L	5.0	5.0	1.0
Ba	200 U	ug/L	200	200	1.0
Be	5.0 U	ug/L	5.0	5.0	1.0
Cd	5.0 U	ug/L	5.0	5.0	1.0
Ca	53000	ug/L	5000	5000	1.0
Cr	10 U	ug/L	10	10	1.0
Co	50 U	ug/L	50	50	1.0
Cu	25 U	ug/L	25	25	1.0
Fe	390	ug/L	100	100	1.0
Pb	5.0 U	ug/L	5.0	5.0	1.0
Mg	21000	ug/L	5000	5000	1.0
Mn	22	ug/L	15	15	1.0
Ni	40 U	ug/L	40	40	1.0
Se	10 U	ug/L	10	10	1.0
Ag	10 U	ug/L	10	10	1.0
Tl	10 U	ug/L	10	10	1.0
Na	150000	ug/L	5000	5000	1.0
V	50 U	ug/L	50	50	1.0
Zn	20 U	ug/L	20	20	1.0
B	380	ug/L	50	50	1.0
Method: TOT-REC-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
	Date Analyzed:	10/17/2006	2127		
	Date Prepared:	09/29/2006	0807		
Ag	10 U	ug/L	10	10	1.0
Al	200 U	ug/L	200	200	1.0
As	5.0 U	ug/L	5.0	5.0	1.0
Ba	200 U	ug/L	200	200	1.0
B	330	ug/L	50	50	1.0
Be	5.0 U	ug/L	5.0	5.0	1.0
Ca	44000	ug/L	5000	5000	1.0
Cd	5.0 U	ug/L	5.0	5.0	1.0
Co	50 U	ug/L	50	50	1.0
Cr	10 U	ug/L	10	10	1.0
Cu	25 U	ug/L	25	25	1.0
Fe	280	ug/L	100	100	1.0
Mg	18000	ug/L	5000	5000	1.0
Na	170000	ug/L	5000	5000	1.0
Ni	40 U	ug/L	40	40	1.0

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Job Number: 420-7811-1

Client Sample ID: MW # 303 D
Lab Sample ID: 420-7811-9

Date Sampled: 09/27/2006 1219
Date Received: 09/28/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: TOT-REC-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
	Date Analyzed:	10/17/2006 2127			
	Date Prepared:	09/29/2006 0807			
Pb	5.0 U	ug/L	5.0	5.0	1.0
Mn	31	ug/L	15	15	1.0
Sb	60 U	ug/L	60	60	1.0
Se	10 U	ug/L	10	10	1.0
V	50 U	ug/L	50	50	1.0
Tl	10 U	ug/L	10	10	1.0
Zn	51	ug/L	20	20	1.0
Method: DISS-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
	Date Analyzed:	10/19/2006 2026			
	Date Prepared:	09/29/2006 1518			
K	10000 U	ug/L	10000	10000	2.0
Method: TOT-REC-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
	Date Analyzed:	10/19/2006 2031			
	Date Prepared:	09/29/2006 0807			
K	12000	ug/L	10000	10000	2.0
Method: 245.1					
Prep Method: 245.1					
	Date Analyzed:	10/05/2006 1336			
	Date Prepared:	10/04/2006 1245			
Hg	0.20 U	ug/L	0.20	0.20	1.0
Method: DISS-245.1					
Prep Method: 245.1					
	Date Analyzed:	10/09/2006 1233			
	Date Prepared:	10/06/2006 1345			
Hg	0.20 U	ug/L	0.20	0.20	1.0
Method: 2340B					
	Date Analyzed:	10/17/2006 2011			
Hardness as calcium carbonate	180	mg/L	2.5	2.5	1.0
Method: 110.2					
	Date Analyzed:	09/28/2006 1342			
Color	30	Color Units	2.5	2.5	1.0
Method: 160.1					
	Date Analyzed:	10/02/2006 1230			
Total Dissolved Solids	660	mg/L	5.0	5.0	1.0

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Job Number: 420-7811-1

Client Sample ID: MW # 303 D
Lab Sample ID: 420-7811-9

Date Sampled: 09/27/2006 1219
Date Received: 09/28/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 2320B	Date Analyzed:	10/03/2006 1000			
Alkalinity	200	mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:	09/28/2006 1932			
Bromide	1.7	mg/L	1.0	1.0	1.0
Method: 300.0	Date Analyzed:	09/29/2006 1049			
Sulfate	110 *	mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:	09/28/2006 1932			
Nitrogen, Nitrate	0.44	mg/L	0.25	0.25	1.0
Method: 335.3	Date Analyzed:	10/05/2006 0818			
Prep Method: Distillation	Date Prepared:	10/02/2006 0545			
Cyanide, Total	0.010 U	mg/L	0.010	0.010	1.0
Method: 350.2	Date Analyzed:	09/28/2006 0913			
Prep Method: Distill/Ammonia	Date Prepared:	09/28/2006 0909			
Ammonia	1.0 U	mg/L	1.0	1.0	1.0
Method: 3500 CR D	Date Analyzed:	09/28/2006 0900			
Cr (VI)	0.010 U	mg/L	0.010	0.010	1.0
Method: 410.1	Date Analyzed:	10/05/2006 1700			
Prep Method: 410.1	Date Prepared:	10/05/2006 1000			
Chemical Oxygen Demand	12	mg/L	10	10	1.0
Method: 420.4	Date Analyzed:	10/04/2006 1503			
Prep Method: Distill/Phenol	Date Prepared:	10/03/2006 1126			
Phenolics, Total Recoverable	0.010 U	mg/L	0.010	0.010	1.0
Method: 4500 CL B	Date Analyzed:	09/29/2006 1140			

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Job Number: 420-7811-1

Client Sample ID: MW # 303 D
Lab Sample ID: 420-7811-9

Date Sampled: 09/27/2006 1219
Date Received: 09/28/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 4500 CL B	Date Analyzed:	09/29/2006 1140			
Chloride	180	mg/L	5.0	5.0	1.0
Method: 5210B	Date Analyzed:	09/28/2006 1046			
Biochemical Oxygen Demand	4.0 U	mg/L	4.0	4.0	2.0
Method: 5310_C	Date Analyzed:	10/03/2006 0954			
Total Organic Carbon	1.8	mg/L	1.0	1.0	1.0

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Job Number: 420-7811-1

Client Sample ID: MW # 303 S
Lab Sample ID: 420-7811-10

Date Sampled: 09/27/2006 1233
Date Received: 09/28/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/05/2006 2306			
Prep Method: 5030B	Date Prepared:		10/05/2006 2306			
Chloroform	5.0	U	ug/L	0.70	5.0	1.0
1,1,1-Trichloroethane	5.0	U	ug/L	0.40	5.0	1.0
Carbon tetrachloride	5.0	U	ug/L	1.0	5.0	1.0
Benzene	5.0	U	ug/L	0.40	5.0	1.0
1,2-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Trichloroethene	5.0	U	ug/L	0.70	5.0	1.0
1,2-Dichloropropane	5.0	U	ug/L	0.90	5.0	1.0
Dibromomethane	5.0	U	ug/L	0.60	5.0	1.0
Bromodichloromethane	5.0	U	ug/L	0.40	5.0	1.0
cis-1,3-Dichloropropene	5.0	U	ug/L	0.50	5.0	1.0
4-Methyl-2-pentanone (MIBK)	10	U	ug/L	0.70	10	1.0
Toluene	5.0	U	ug/L	0.30	5.0	1.0
trans-1,3-Dichloropropene	5.0	U	ug/L	0.80	5.0	1.0
1,1,2-Trichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Tetrachloroethene	5.0	U	ug/L	0.50	5.0	1.0
2-Hexanone	10	U	ug/L	0.80	10	1.0
Dibromochloromethane	5.0	U	ug/L	0.50	5.0	1.0
1,2-Dibromoethane	5.0	U	ug/L	0.50	5.0	1.0
Chlorobenzene	5.0	U	ug/L	0.40	5.0	1.0
1,1,1,2-Tetrachloroethane	5.0	U	ug/L	0.70	5.0	1.0
Ethylbenzene	5.0	U	ug/L	1.0	5.0	1.0
Xylenes, Total	5.0	U	ug/L	1.0	5.0	1.0
Styrene	5.0	U	ug/L	0.50	5.0	1.0
Bromoform	5.0	U	ug/L	0.80	5.0	1.0
trans-1,4-Dichloro-2-butene	10	U	ug/L	1.2	10	1.0
1,1,2,2-Tetrachloroethane	5.0	U	ug/L	0.40	5.0	1.0
1,2,3-Trichloropropane	5.0	U	ug/L	1.1	5.0	1.0
1,4-Dichlorobenzene	5.0	U	ug/L	0.50	5.0	1.0
1,2-Dichlorobenzene	5.0	U	ug/L	0.60	5.0	1.0
1,2-Dibromo-3-Chloropropane	5.0	U	ug/L	0.70	5.0	1.0
Acrylonitrile	10	U	ug/L	1.6	10	1.0
Acetone	10	U	ug/L	1.4	10	1.0
Bromochloromethane	5.0	U	ug/L	0.80	5.0	1.0
Carbon disulfide	5.0	U	ug/L	0.90	5.0	1.0
Chloroethane	5.0	U	ug/L	0.80	5.0	1.0
1,1-Dichloroethane	1.1	J	ug/L	0.60	5.0	1.0
1,1-Dichloroethene	5.0	U	ug/L	0.70	5.0	1.0
cis-1,2-Dichloroethene	1.4	J	ug/L	0.60	5.0	1.0
trans-1,2-Dichloroethene	5.0	U	ug/L	0.50	5.0	1.0
Bromomethane	5.0	U	ug/L	1.2	5.0	1.0

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Job Number: 420-7811-1

Client Sample ID: MW # 303 S
Lab Sample ID: 420-7811-10

Date Sampled: 09/27/2006 1233
Date Received: 09/28/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/05/2006 2306			
Prep Method: 5030B	Date Prepared:		10/05/2006 2306			
Chloromethane	5.0	U	ug/L	0.50	5.0	1.0
Methylene Chloride	5.0	U	ug/L	0.40	5.0	1.0
2-Butanone (MEK)	10	U	ug/L	1.2	10	1.0
Trichlorofluoromethane	5.0	U	ug/L	0.60	5.0	1.0
Vinyl acetate	5.0	U	ug/L	0.20	5.0	1.0
Vinyl chloride	5.0	U	ug/L	0.80	5.0	1.0
Surrogate					Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	115		%		53 - 125	
4-Bromofluorobenzene	109		%		73 - 127	
Dibromofluoromethane	121		%		54 - 137	
Toluene-d8 (Surr)	110		%		63 - 121	

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Job Number: 420-7811-1

Client Sample ID: MW # 303 S
Lab Sample ID: 420-7811-10

Date Sampled: 09/27/2006 1233
Date Received: 09/28/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: DISS-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
	Date Analyzed:	10/17/2006	1856		
	Date Prepared:	09/29/2006	1518		
Al	200 U	ug/L	200	200	1.0
Sb	60 U	ug/L	60	60	1.0
As	7.6	ug/L	5.0	5.0	1.0
Ba	200 U	ug/L	200	200	1.0
Be	5.0 U	ug/L	5.0	5.0	1.0
Cd	5.0 U	ug/L	5.0	5.0	1.0
Ca	140000	ug/L	5000	5000	1.0
Cr	10 U	ug/L	10	10	1.0
Co	50 U	ug/L	50	50	1.0
Cu	25 U	ug/L	25	25	1.0
Fe	21000	ug/L	100	100	1.0
Pb	5.0 U	ug/L	5.0	5.0	1.0
Mg	22000	ug/L	5000	5000	1.0
Mn	1600	ug/L	15	15	1.0
Ni	40 U	ug/L	40	40	1.0
K	5000 U	ug/L	5000	5000	1.0
Se	10 U	ug/L	10	10	1.0
Ag	10 U	ug/L	10	10	1.0
Tl	10 U	ug/L	10	10	1.0
Na	8400	ug/L	5000	5000	1.0
V	50 U	ug/L	50	50	1.0
Zn	20 U	ug/L	20	20	1.0
B	50 U	ug/L	50	50	1.0
Method: TOT-REC-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
	Date Analyzed:	10/17/2006	2133		
	Date Prepared:	09/29/2006	0807		
Ag	10 U	ug/L	10	10	1.0
Al	200 U	ug/L	200	200	1.0
As	9.6	ug/L	5.0	5.0	1.0
Ba	200 U	ug/L	200	200	1.0
B	50 U	ug/L	50	50	1.0
Be	5.0 U	ug/L	5.0	5.0	1.0
Ca	140000	ug/L	5000	5000	1.0
Cd	5.0 U	ug/L	5.0	5.0	1.0
Co	50 U	ug/L	50	50	1.0
Cr	10 U	ug/L	10	10	1.0
Cu	25 U	ug/L	25	25	1.0
Fe	21000	ug/L	100	100	1.0
K	5000 U	ug/L	5000	5000	1.0
Mg	22000	ug/L	5000	5000	1.0

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Job Number: 420-7811-1

Client Sample ID: MW # 303 S
Lab Sample ID: 420-7811-10

Date Sampled: 09/27/2006 1233
Date Received: 09/28/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: TOT-REC-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
	Date Analyzed:	10/17/2006	2133		
	Date Prepared:	09/29/2006	0807		
Na	9700	ug/L	5000	5000	1.0
Ni	40 U	ug/L	40	40	1.0
Pb	5.0 U	ug/L	5.0	5.0	1.0
Mn	1600	ug/L	15	15	1.0
Sb	60 U	ug/L	60	60	1.0
Se	10 U	ug/L	10	10	1.0
V	50 U	ug/L	50	50	1.0
Tl	10 U	ug/L	10	10	1.0
Zn	71	ug/L	20	20	1.0
Method: 245.1					
Prep Method: 245.1					
	Date Analyzed:	10/05/2006	1339		
	Date Prepared:	10/04/2006	1245		
Hg	0.20 U	ug/L	0.20	0.20	1.0
Method: DISS-245.1					
Prep Method: 245.1					
	Date Analyzed:	10/09/2006	1237		
	Date Prepared:	10/06/2006	1345		
Hg	0.20 U	ug/L	0.20	0.20	1.0
Method: 2340B					
	Date Analyzed:	10/17/2006	2011		
Hardness as calcium carbonate	430	mg/L	2.5	2.5	1.0
Method: 110.2					
	Date Analyzed:	09/28/2006	1309		
Color	750	Color Units	25	25	10
Method: 160.1					
	Date Analyzed:	10/02/2006	1230		
Total Dissolved Solids	500	mg/L	5.0	5.0	1.0
Method: 2320B					
	Date Analyzed:	10/03/2006	1000		
Alkalinity	430	mg/L	5.0	5.0	1.0
Method: 300.0					
	Date Analyzed:	09/28/2006	1942		
Bromide	1.0 U	mg/L	1.0	1.0	1.0

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Job Number: 420-7811-1

Client Sample ID: MW # 303 S
Lab Sample ID: 420-7811-10

Date Sampled: 09/27/2006 1233
Date Received: 09/28/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 300.0	Date Analyzed:	09/28/2006 1942			
Sulfate	5.0 U *	mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:	09/28/2006 1942			
Nitrogen, Nitrate	0.25 U	mg/L	0.25	0.25	1.0
Method: 335.3	Date Analyzed:	10/05/2006 0819			
Prep Method: Distillation	Date Prepared:	10/02/2006 0545			
Cyanide, Total	0.010 U	mg/L	0.010	0.010	1.0
Method: 350.2	Date Analyzed:	09/28/2006 0913			
Prep Method: Distill/Ammonia	Date Prepared:	09/28/2006 0909			
Ammonia	1.4	mg/L	1.0	1.0	1.0
Method: 3500 CR D	Date Analyzed:	09/28/2006 0900			
Cr (VI)	0.010 U	mg/L	0.010	0.010	1.0
Method: 351.2	Date Analyzed:	10/04/2006 1221			
Prep Method: 351.2	Date Prepared:	10/03/2006 1116			
TKN	1.7	mg/L	1.0	1.0	1.0
Method: 410.1	Date Analyzed:	10/05/2006 1700			
Prep Method: 410.1	Date Prepared:	10/05/2006 1000			
Chemical Oxygen Demand	17	mg/L	10	10	1.0
Method: 420.4	Date Analyzed:	10/04/2006 1436			
Prep Method: Distill/Phenol	Date Prepared:	10/02/2006 1141			
Phenolics, Total Recoverable	0.010 U	mg/L	0.010	0.010	1.0
Method: 4500 CL B	Date Analyzed:	09/29/2006 1140			
Chloride	10	mg/L	5.0	5.0	1.0
Method: 5210B	Date Analyzed:	09/28/2006 1046			

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Job Number: 420-7811-1

Client Sample ID: MW # 303 S
Lab Sample ID: 420-7811-10

Date Sampled: 09/27/2006 1233
Date Received: 09/28/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 5210B	Date Analyzed:	09/28/2006 1046			
Biochemical Oxygen Demand	17	mg/L	4.0	4.0	2.0
Method: 5310_C	Date Analyzed:	10/17/2006 1055			
Total Organic Carbon	5.3	mg/L	1.0	1.0	1.0

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Job Number: 420-7811-1

Client Sample ID: MW # 304 US
Lab Sample ID: 420-7811-11

Date Sampled: 09/27/2006 1347
Date Received: 09/28/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/05/2006 2333			
Prep Method: 5030B	Date Prepared:		10/05/2006 2333			
Chloroform	5.0	U	ug/L	0.70	5.0	1.0
1,1,1-Trichloroethane	5.0	U	ug/L	0.40	5.0	1.0
Carbon tetrachloride	5.0	U	ug/L	1.0	5.0	1.0
Benzene	5.0	U	ug/L	0.40	5.0	1.0
1,2-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Trichloroethene	5.0	U	ug/L	0.70	5.0	1.0
1,2-Dichloropropane	5.0	U	ug/L	0.90	5.0	1.0
Dibromomethane	5.0	U	ug/L	0.60	5.0	1.0
Bromodichloromethane	5.0	U	ug/L	0.40	5.0	1.0
cis-1,3-Dichloropropene	5.0	U	ug/L	0.50	5.0	1.0
4-Methyl-2-pentanone (MIBK)	10	U	ug/L	0.70	10	1.0
Toluene	5.0	U	ug/L	0.30	5.0	1.0
trans-1,3-Dichloropropene	5.0	U	ug/L	0.80	5.0	1.0
1,1,2-Trichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Tetrachloroethene	5.0	U	ug/L	0.50	5.0	1.0
2-Hexanone	10	U	ug/L	0.80	10	1.0
Dibromochloromethane	5.0	U	ug/L	0.50	5.0	1.0
1,2-Dibromoethane	5.0	U	ug/L	0.50	5.0	1.0
Chlorobenzene	5.0	U	ug/L	0.40	5.0	1.0
1,1,1,2-Tetrachloroethane	5.0	U	ug/L	0.70	5.0	1.0
Ethylbenzene	5.0	U	ug/L	1.0	5.0	1.0
Xylenes, Total	5.0	U	ug/L	1.0	5.0	1.0
Styrene	5.0	U	ug/L	0.50	5.0	1.0
Bromoform	5.0	U	ug/L	0.80	5.0	1.0
trans-1,4-Dichloro-2-butene	10	U	ug/L	1.2	10	1.0
1,1,2,2-Tetrachloroethane	5.0	U	ug/L	0.40	5.0	1.0
1,2,3-Trichloropropane	5.0	U	ug/L	1.1	5.0	1.0
1,4-Dichlorobenzene	5.0	U	ug/L	0.50	5.0	1.0
1,2-Dichlorobenzene	5.0	U	ug/L	0.60	5.0	1.0
1,2-Dibromo-3-Chloropropane	5.0	U	ug/L	0.70	5.0	1.0
Acrylonitrile	10	U	ug/L	1.6	10	1.0
Acetone	1.8	J	ug/L	1.4	10	1.0
Bromochloromethane	5.0	U	ug/L	0.80	5.0	1.0
Carbon disulfide	5.0	U	ug/L	0.90	5.0	1.0
Chloroethane	5.0	U	ug/L	0.80	5.0	1.0
1,1-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,1-Dichloroethene	5.0	U	ug/L	0.70	5.0	1.0
cis-1,2-Dichloroethene	5.0	U	ug/L	0.60	5.0	1.0
trans-1,2-Dichloroethene	5.0	U	ug/L	0.50	5.0	1.0
Bromomethane	5.0	U	ug/L	1.2	5.0	1.0

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Job Number: 420-7811-1

Client Sample ID: MW # 304 US
Lab Sample ID: 420-7811-11

Date Sampled: 09/27/2006 1347
Date Received: 09/28/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/05/2006 2333			
Prep Method: 5030B	Date Prepared:		10/05/2006 2333			
Chloromethane	5.0	U	ug/L	0.50	5.0	1.0
Methylene Chloride	5.0	U	ug/L	0.40	5.0	1.0
2-Butanone (MEK)	10	U	ug/L	1.2	10	1.0
Trichlorofluoromethane	5.0	U	ug/L	0.60	5.0	1.0
Vinyl acetate	5.0	U	ug/L	0.20	5.0	1.0
Vinyl chloride	5.0	U	ug/L	0.80	5.0	1.0
Surrogate					Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	120		%		53 - 125	
4-Bromofluorobenzene	110		%		73 - 127	
Dibromofluoromethane	124		%		54 - 137	
Toluene-d8 (Surr)	110		%		63 - 121	
Method: 351.2	Date Analyzed:		10/18/2006 1801			
Prep Method: 351.2	Date Prepared:		10/13/2006 1633			
Nitrogen, Kjeldahl	1.6		mg/L	0.11	0.20	2.0

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Job Number: 420-7811-1

Client Sample ID: MW # 304 US
Lab Sample ID: 420-7811-11

Date Sampled: 09/27/2006 1347
Date Received: 09/28/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: DISS-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
	Date Analyzed:	10/17/2006 1902			
	Date Prepared:	09/29/2006 1518			
Al	200 U	ug/L	200	200	1.0
Sb	60 U	ug/L	60	60	1.0
As	5.0 U	ug/L	5.0	5.0	1.0
Ba	200 U	ug/L	200	200	1.0
Be	5.0 U	ug/L	5.0	5.0	1.0
Cd	5.0 U	ug/L	5.0	5.0	1.0
Ca	160000	ug/L	5000	5000	1.0
Cr	10 U	ug/L	10	10	1.0
Co	50 U	ug/L	50	50	1.0
Cu	25 U	ug/L	25	25	1.0
Fe	170	ug/L	100	100	1.0
Pb	5.0 U	ug/L	5.0	5.0	1.0
Mg	22000	ug/L	5000	5000	1.0
Mn	2200	ug/L	15	15	1.0
Ni	40 U	ug/L	40	40	1.0
K	5600	ug/L	5000	5000	1.0
Se	10 U	ug/L	10	10	1.0
Ag	10 U	ug/L	10	10	1.0
Tl	10 U	ug/L	10	10	1.0
Na	180000	ug/L	5000	5000	1.0
V	50 U	ug/L	50	50	1.0
Zn	20 U	ug/L	20	20	1.0
B	50 U	ug/L	50	50	1.0
Method: TOT-REC-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
	Date Analyzed:	10/17/2006 2138			
	Date Prepared:	09/29/2006 0807			
Ag	10 U	ug/L	10	10	1.0
Al	10000	ug/L	200	200	1.0
As	7.6	ug/L	5.0	5.0	1.0
Ba	200 U	ug/L	200	200	1.0
B	50 U	ug/L	50	50	1.0
Be	5.0 U	ug/L	5.0	5.0	1.0
Ca	160000	ug/L	5000	5000	1.0
Cd	5.0 U	ug/L	5.0	5.0	1.0
Co	50 U	ug/L	50	50	1.0
Cr	15	ug/L	10	10	1.0
Cu	65	ug/L	25	25	1.0
Fe	15000	ug/L	100	100	1.0
K	9600	ug/L	5000	5000	1.0
Mg	24000	ug/L	5000	5000	1.0

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Job Number: 420-7811-1

Client Sample ID: MW # 304 US
Lab Sample ID: 420-7811-11

Date Sampled: 09/27/2006 1347
Date Received: 09/28/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: TOT-REC-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
	Date Analyzed:	10/17/2006 2138			
	Date Prepared:	09/29/2006 0807			
Na	160000	ug/L	5000	5000	1.0
Ni	40 U	ug/L	40	40	1.0
Pb	10	ug/L	5.0	5.0	1.0
Mn	5000	ug/L	15	15	1.0
Sb	60 U	ug/L	60	60	1.0
Se	10 U	ug/L	10	10	1.0
V	50 U	ug/L	50	50	1.0
Tl	10 U	ug/L	10	10	1.0
Zn	110	ug/L	20	20	1.0
Method: 245.1					
Prep Method: 245.1					
Hg	0.20 U	ug/L	0.20	0.20	1.0
Method: DISS-245.1					
Prep Method: 245.1					
Hg	0.20 U	ug/L	0.20	0.20	1.0
Method: 2340B					
Date Analyzed: 10/17/2006 2011					
Hardness as calcium carbonate	500	mg/L	2.5	2.5	1.0
Method: 110.2					
Date Analyzed: 09/28/2006 1313					
Color	1000	Color Units	250	250	100
Method: 160.1					
Date Analyzed: 10/02/2006 1230					
Total Dissolved Solids	920	mg/L	5.0	5.0	1.0
Method: 2320B					
Date Analyzed: 10/03/2006 1000					
Alkalinity	320	mg/L	5.0	5.0	1.0
Method: 300.0					
Date Analyzed: 09/28/2006 1951					
Bromide	1.0 U	mg/L	1.0	1.0	1.0

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Job Number: 420-7811-1

Client Sample ID: MW # 304 US
Lab Sample ID: 420-7811-11

Date Sampled: 09/27/2006 1347
Date Received: 09/28/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 300.0	Date Analyzed:	09/28/2006 1951			
Method: 300.0	Date Analyzed:	09/29/2006 1058			
Sulfate	84 *	mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:	09/28/2006 1951			
Nitrogen, Nitrate	0.25 U	mg/L	0.25	0.25	1.0
Method: 335.3	Date Analyzed:	10/05/2006 0822			
Prep Method: Distillation	Date Prepared:	10/02/2006 0545			
Cyanide, Total	0.010 U	mg/L	0.010	0.010	1.0
Method: 350.2	Date Analyzed:	09/28/2006 0913			
Prep Method: Distill/Ammonia	Date Prepared:	09/28/2006 0909			
Ammonia	1.0 U	mg/L	1.0	1.0	1.0
Method: 3500 CR D	Date Analyzed:	09/28/2006 0900			
Cr (VI)	0.016	mg/L	0.010	0.010	1.0
Method: 410.1	Date Analyzed:	10/05/2006 1700			
Prep Method: 410.1	Date Prepared:	10/05/2006 1000			
Chemical Oxygen Demand	59	mg/L	10	10	1.0
Method: 420.4	Date Analyzed:	10/04/2006 1436			
Prep Method: Distill/Phenol	Date Prepared:	10/02/2006 1141			
Phenolics, Total Recoverable	0.010 U	mg/L	0.010	0.010	1.0
Method: 4500 CL B	Date Analyzed:	09/29/2006 1140			
Chloride	30	mg/L	5.0	5.0	1.0
Method: 5210B	Date Analyzed:	09/28/2006 1046			
Biochemical Oxygen Demand	4.0 U	mg/L	4.0	4.0	2.0

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Job Number: 420-7811-1

Client Sample ID: MW # 304 US
Lab Sample ID: 420-7811-11

Date Sampled: 09/27/2006 1347
Date Received: 09/28/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 5210B	Date Analyzed:	09/28/2006	1046		
Method: 5310_C	Date Analyzed:	10/17/2006	1055		
Total Organic Carbon	5.3	mg/L	1.0	1.0	1.0

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Job Number: 420-7811-1

Client Sample ID: MW # 304 S
Lab Sample ID: 420-7811-12

Date Sampled: 09/27/2006 1501
Date Received: 09/28/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/06/2006 2117			
Prep Method: 5030B	Date Prepared:		10/06/2006 2117			
Chloroform	5.0	U	ug/L	0.70	5.0	1.0
1,1,1-Trichloroethane	5.0	U	ug/L	0.40	5.0	1.0
Carbon tetrachloride	5.0	U	ug/L	1.0	5.0	1.0
Benzene	5.0	U	ug/L	0.40	5.0	1.0
1,2-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Trichloroethene	5.0	U	ug/L	0.70	5.0	1.0
1,2-Dichloropropane	5.0	U	ug/L	0.90	5.0	1.0
Dibromomethane	5.0	U	ug/L	0.60	5.0	1.0
Bromodichloromethane	5.0	U	ug/L	0.40	5.0	1.0
cis-1,3-Dichloropropene	5.0	U	ug/L	0.50	5.0	1.0
4-Methyl-2-pentanone (MIBK)	10	U	ug/L	0.70	10	1.0
Toluene	5.0	U	ug/L	0.30	5.0	1.0
trans-1,3-Dichloropropene	5.0	U	ug/L	0.80	5.0	1.0
1,1,2-Trichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Tetrachloroethene	5.0	U	ug/L	0.50	5.0	1.0
2-Hexanone	10	U	ug/L	0.80	10	1.0
Dibromochloromethane	5.0	U	ug/L	0.50	5.0	1.0
1,2-Dibromoethane	5.0	U	ug/L	0.50	5.0	1.0
Chlorobenzene	5.0	U	ug/L	0.40	5.0	1.0
1,1,1,2-Tetrachloroethane	5.0	U	ug/L	0.70	5.0	1.0
Ethylbenzene	5.0	U	ug/L	1.0	5.0	1.0
Xylenes, Total	5.0	U	ug/L	1.0	5.0	1.0
Styrene	5.0	U	ug/L	0.50	5.0	1.0
Bromoform	5.0	U	ug/L	0.80	5.0	1.0
trans-1,4-Dichloro-2-butene	10	U	ug/L	1.2	10	1.0
1,1,2,2-Tetrachloroethane	5.0	U	ug/L	0.40	5.0	1.0
1,2,3-Trichloropropane	5.0	U	ug/L	1.1	5.0	1.0
1,4-Dichlorobenzene	5.0	U	ug/L	0.50	5.0	1.0
1,2-Dichlorobenzene	5.0	U	ug/L	0.60	5.0	1.0
1,2-Dibromo-3-Chloropropane	5.0	U	ug/L	0.70	5.0	1.0
Acrylonitrile	10	U	ug/L	1.6	10	1.0
Acetone	10	U	ug/L	1.4	10	1.0
Bromochloromethane	5.0	U	ug/L	0.80	5.0	1.0
Carbon disulfide	5.0	U	ug/L	0.90	5.0	1.0
Chloroethane	5.0	U	ug/L	0.80	5.0	1.0
1,1-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,1-Dichloroethene	5.0	U	ug/L	0.70	5.0	1.0
cis-1,2-Dichloroethene	5.0	U	ug/L	0.60	5.0	1.0
trans-1,2-Dichloroethene	5.0	U	ug/L	0.50	5.0	1.0
Bromomethane	5.0	U	ug/L	1.2	5.0	1.0

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Job Number: 420-7811-1

Client Sample ID: MW # 304 S
Lab Sample ID: 420-7811-12

Date Sampled: 09/27/2006 1501
Date Received: 09/28/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/06/2006 2117			
Prep Method: 5030B	Date Prepared:		10/06/2006 2117			
Chloromethane	5.0	U	ug/L	0.50	5.0	1.0
Methylene Chloride	5.0	U	ug/L	0.40	5.0	1.0
2-Butanone (MEK)	10	U	ug/L	1.2	10	1.0
Trichlorofluoromethane	5.0	U	ug/L	0.60	5.0	1.0
Vinyl acetate	5.0	U	ug/L	0.20	5.0	1.0
Vinyl chloride	5.0	U	ug/L	0.80	5.0	1.0
Surrogate				Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	120	%		53 - 125		
4-Bromofluorobenzene	108	%		73 - 127		
Dibromofluoromethane	122	%		54 - 137		
Toluene-d8 (Surr)	110	%		63 - 121		

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Job Number: 420-7811-1

Client Sample ID: MW # 304 S
Lab Sample ID: 420-7811-12

Date Sampled: 09/27/2006 1501
Date Received: 09/28/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: DISS-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
	Date Analyzed:	10/17/2006	1907		
	Date Prepared:	09/29/2006	1518		
Al	200 U	ug/L	200	200	1.0
Sb	60 U	ug/L	60	60	1.0
As	5.0 U	ug/L	5.0	5.0	1.0
Ba	370	ug/L	200	200	1.0
Be	5.0 U	ug/L	5.0	5.0	1.0
Cd	5.0 U	ug/L	5.0	5.0	1.0
Ca	150000	ug/L	5000	5000	1.0
Cr	10 U	ug/L	10	10	1.0
Co	50 U	ug/L	50	50	1.0
Cu	25 U	ug/L	25	25	1.0
Fe	3900	ug/L	100	100	1.0
Pb	5.0 U	ug/L	5.0	5.0	1.0
Mg	30000	ug/L	5000	5000	1.0
Mn	3000	ug/L	15	15	1.0
Ni	40 U	ug/L	40	40	1.0
K	5000 U	ug/L	5000	5000	1.0
Se	10 U	ug/L	10	10	1.0
Ag	10 U	ug/L	10	10	1.0
Tl	10 U	ug/L	10	10	1.0
Na	12000	ug/L	5000	5000	1.0
V	50 U	ug/L	50	50	1.0
Zn	20 U	ug/L	20	20	1.0
B	50 U	ug/L	50	50	1.0
Method: TOT-REC-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
	Date Analyzed:	10/17/2006	2144		
	Date Prepared:	09/29/2006	0807		
Ag	10 U	ug/L	10	10	1.0
Al	200 U	ug/L	200	200	1.0
As	5.0 U	ug/L	5.0	5.0	1.0
Ba	390	ug/L	200	200	1.0
B	50 U	ug/L	50	50	1.0
Be	5.0 U	ug/L	5.0	5.0	1.0
Ca	150000	ug/L	5000	5000	1.0
Cd	5.0 U	ug/L	5.0	5.0	1.0
Co	50 U	ug/L	50	50	1.0
Cr	10 U	ug/L	10	10	1.0
Cu	25 U	ug/L	25	25	1.0
Fe	17000	ug/L	100	100	1.0
K	5000 U	ug/L	5000	5000	1.0
Mg	30000	ug/L	5000	5000	1.0

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Job Number: 420-7811-1

Client Sample ID: MW # 304 S
Lab Sample ID: 420-7811-12

Date Sampled: 09/27/2006 1501
Date Received: 09/28/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: TOT-REC-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
	Date Analyzed:	10/17/2006 2144			
	Date Prepared:	09/29/2006 0807			
Na	13000	ug/L	5000	5000	1.0
Ni	40 U	ug/L	40	40	1.0
Pb	5.0 U	ug/L	5.0	5.0	1.0
Mn	3100	ug/L	15	15	1.0
Sb	60 U	ug/L	60	60	1.0
Se	10 U	ug/L	10	10	1.0
V	50 U	ug/L	50	50	1.0
Tl	10 U	ug/L	10	10	1.0
Zn	20 U	ug/L	20	20	1.0
Method: 245.1					
Prep Method: 245.1					
	Date Analyzed:	10/05/2006 1345			
	Date Prepared:	10/04/2006 1245			
Hg	0.20 U	ug/L	0.20	0.20	1.0
Method: DISS-245.1					
Prep Method: 245.1					
	Date Analyzed:	10/09/2006 1243			
	Date Prepared:	10/06/2006 1345			
Hg	0.20 U	ug/L	0.20	0.20	1.0
Method: 2340B					
	Date Analyzed:	10/17/2006 2011			
Hardness as calcium carbonate	500	mg/L	2.5	2.5	1.0
Method: 110.2					
	Date Analyzed:	09/28/2006 1317			
Color	750	Color Units	25	25	10
Method: 160.1					
	Date Analyzed:	10/02/2006 1230			
Total Dissolved Solids	560	mg/L	5.0	5.0	1.0
Method: 2320B					
	Date Analyzed:	10/03/2006 1000			
Alkalinity	490	mg/L	5.0	5.0	1.0
Method: 300.0					
	Date Analyzed:	09/28/2006 2001			
Bromide	1.0 U	mg/L	1.0	1.0	1.0

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Job Number: 420-7811-1

Client Sample ID: MW # 304 S
Lab Sample ID: 420-7811-12

Date Sampled: 09/27/2006 1501
Date Received: 09/28/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 300.0	Date Analyzed:	09/28/2006 2001			
Sulfate	12 *	mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:	09/28/2006 2001			
Nitrogen, Nitrate	0.42	mg/L	0.25	0.25	1.0
Method: 335.3	Date Analyzed:	10/05/2006 0823			
Prep Method: Distillation	Date Prepared:	10/02/2006 0545			
Cyanide, Total	0.010 U	mg/L	0.010	0.010	1.0
Method: 350.2	Date Analyzed:	09/28/2006 0913			
Prep Method: Distill/Ammonia	Date Prepared:	09/28/2006 0909			
Ammonia	1.0 U	mg/L	1.0	1.0	1.0
Method: 3500 CR D	Date Analyzed:	09/28/2006 0900			
Cr (VI)	0.010 U	mg/L	0.010	0.010	1.0
Method: 351.2	Date Analyzed:	10/04/2006 1222			
Prep Method: 351.2	Date Prepared:	10/03/2006 1116			
TKN	1.3	mg/L	1.0	1.0	1.0
Method: 410.1	Date Analyzed:	10/05/2006 1700			
Prep Method: 410.1	Date Prepared:	10/05/2006 1000			
Chemical Oxygen Demand	15	mg/L	10	10	1.0
Method: 420.4	Date Analyzed:	10/04/2006 1437			
Prep Method: Distill/Phenol	Date Prepared:	10/02/2006 1141			
Phenolics, Total Recoverable	0.010 U	mg/L	0.010	0.010	1.0
Method: 4500 CL B	Date Analyzed:	09/29/2006 1140			
Chloride	18	mg/L	5.0	5.0	1.0
Method: 5210B	Date Analyzed:	09/28/2006 1046			

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Job Number: 420-7811-1

Client Sample ID: MW # 304 S
Lab Sample ID: 420-7811-12

Date Sampled: 09/27/2006 1501
Date Received: 09/28/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 5210B	Date Analyzed:	09/28/2006	1046		
Biochemical Oxygen Demand	6.0	mg/L	4.0	4.0	2.0
Method: 5310_C	Date Analyzed:	10/17/2006	1055		
Total Organic Carbon	4.6	mg/L	1.0	1.0	1.0

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Job Number: 420-7811-1

Client Sample ID: MW #207 D DUP
Lab Sample ID: 420-7811-7

Date Sampled: 09/27/2006 1107
Date Received: 09/28/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/05/2006 2145			
Prep Method: 5030B	Date Prepared:		10/05/2006 2145			
Chloroform	5.0	U	ug/L	0.70	5.0	1.0
1,1,1-Trichloroethane	5.0	U	ug/L	0.40	5.0	1.0
Carbon tetrachloride	5.0	U	ug/L	1.0	5.0	1.0
Benzene	5.0	U	ug/L	0.40	5.0	1.0
1,2-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Trichloroethene	5.0	U	ug/L	0.70	5.0	1.0
1,2-Dichloropropane	5.0	U	ug/L	0.90	5.0	1.0
Dibromomethane	5.0	U	ug/L	0.60	5.0	1.0
Bromodichloromethane	5.0	U	ug/L	0.40	5.0	1.0
cis-1,3-Dichloropropene	5.0	U	ug/L	0.50	5.0	1.0
4-Methyl-2-pentanone (MIBK)	10	U	ug/L	0.70	10	1.0
Toluene	5.0	U	ug/L	0.30	5.0	1.0
trans-1,3-Dichloropropene	5.0	U	ug/L	0.80	5.0	1.0
1,1,2-Trichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Tetrachloroethene	5.0	U	ug/L	0.50	5.0	1.0
2-Hexanone	10	U	ug/L	0.80	10	1.0
Dibromochloromethane	5.0	U	ug/L	0.50	5.0	1.0
1,2-Dibromoethane	5.0	U	ug/L	0.50	5.0	1.0
Chlorobenzene	5.0	U	ug/L	0.40	5.0	1.0
1,1,1,2-Tetrachloroethane	5.0	U	ug/L	0.70	5.0	1.0
Ethylbenzene	5.0	U	ug/L	1.0	5.0	1.0
Xylenes, Total	5.0	U	ug/L	1.0	5.0	1.0
Styrene	5.0	U	ug/L	0.50	5.0	1.0
Bromoform	5.0	U	ug/L	0.80	5.0	1.0
trans-1,4-Dichloro-2-butene	10	U	ug/L	1.2	10	1.0
1,1,2,2-Tetrachloroethane	5.0	U	ug/L	0.40	5.0	1.0
1,2,3-Trichloropropane	5.0	U	ug/L	1.1	5.0	1.0
1,4-Dichlorobenzene	5.0	U	ug/L	0.50	5.0	1.0
1,2-Dichlorobenzene	5.0	U	ug/L	0.60	5.0	1.0
1,2-Dibromo-3-Chloropropane	5.0	U	ug/L	0.70	5.0	1.0
Acrylonitrile	10	U	ug/L	1.6	10	1.0
Acetone	10	U	ug/L	1.4	10	1.0
Bromochloromethane	5.0	U	ug/L	0.80	5.0	1.0
Carbon disulfide	5.0	U	ug/L	0.90	5.0	1.0
Chloroethane	5.0	U	ug/L	0.80	5.0	1.0
1,1-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,1-Dichloroethene	5.0	U	ug/L	0.70	5.0	1.0
cis-1,2-Dichloroethene	5.0	U	ug/L	0.60	5.0	1.0
trans-1,2-Dichloroethene	5.0	U	ug/L	0.50	5.0	1.0
Bromomethane	5.0	U	ug/L	1.2	5.0	1.0

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Job Number: 420-7811-1

Client Sample ID: MW #207 D DUP
Lab Sample ID: 420-7811-7

Date Sampled: 09/27/2006 1107
Date Received: 09/28/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		10/05/2006 2145			
Prep Method: 5030B	Date Prepared:		10/05/2006 2145			
Chloromethane	5.0	U	ug/L	0.50	5.0	1.0
Methylene Chloride	5.0	U	ug/L	0.40	5.0	1.0
2-Butanone (MEK)	10	U	ug/L	1.2	10	1.0
Trichlorofluoromethane	5.0	U	ug/L	0.60	5.0	1.0
Vinyl acetate	5.0	U	ug/L	0.20	5.0	1.0
Vinyl chloride	5.0	U	ug/L	0.80	5.0	1.0
Surrogate					Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	115		%		53 - 125	
4-Bromofluorobenzene	111		%		73 - 127	
Dibromofluoromethane	118		%		54 - 137	
Toluene-d8 (Surr)	108		%		63 - 121	
Method: 351.2	Date Analyzed:		10/18/2006 1801			
Prep Method: 351.2	Date Prepared:		10/13/2006 1633			
Nitrogen, Kjeldahl	0.44		mg/L	0.11	0.20	2.0

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Job Number: 420-7811-1

Client Sample ID: MW #207 D DUP
Lab Sample ID: 420-7811-7

Date Sampled: 09/27/2006 1107
Date Received: 09/28/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: DISS-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
	Date Analyzed:	10/17/2006	1814		
	Date Prepared:	09/29/2006	1518		
Al	200 U	ug/L	200	200	1.0
Sb	60 U	ug/L	60	60	1.0
As	45	ug/L	5.0	5.0	1.0
Ba	200 U	ug/L	200	200	1.0
Be	5.0 U	ug/L	5.0	5.0	1.0
Cd	5.0 U	ug/L	5.0	5.0	1.0
Ca	130000	ug/L	5000	5000	1.0
Cr	10 U	ug/L	10	10	1.0
Co	50 U	ug/L	50	50	1.0
Cu	25 U	ug/L	25	25	1.0
Fe	2400	ug/L	100	100	1.0
Pb	5.0 U	ug/L	5.0	5.0	1.0
Mg	27000	ug/L	5000	5000	1.0
Mn	1900	ug/L	15	15	1.0
Ni	40 U	ug/L	40	40	1.0
K	5000 U	ug/L	5000	5000	1.0
Se	10 U	ug/L	10	10	1.0
Ag	10 U	ug/L	10	10	1.0
Tl	10 U	ug/L	10	10	1.0
Na	8700	ug/L	5000	5000	1.0
V	50 U	ug/L	50	50	1.0
Zn	20 U	ug/L	20	20	1.0
B	50 U	ug/L	50	50	1.0
Method: TOT-REC-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
	Date Analyzed:	10/17/2006	2116		
	Date Prepared:	09/29/2006	0807		
Ag	10 U	ug/L	10	10	1.0
Al	200 U	ug/L	200	200	1.0
As	49	ug/L	5.0	5.0	1.0
Ba	200 U	ug/L	200	200	1.0
B	50 U	ug/L	50	50	1.0
Be	5.0 U	ug/L	5.0	5.0	1.0
Ca	130000	ug/L	5000	5000	1.0
Cd	5.0 U	ug/L	5.0	5.0	1.0
Co	50 U	ug/L	50	50	1.0
Cr	10 U	ug/L	10	10	1.0
Cu	25 U	ug/L	25	25	1.0
Fe	2700	ug/L	100	100	1.0
K	5000 U	ug/L	5000	5000	1.0
Mg	28000	ug/L	5000	5000	1.0

Christen Craig
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Job Number: 420-7811-1

Client Sample ID: MW #207 D DUP
Lab Sample ID: 420-7811-7

Date Sampled: 09/27/2006 1107
Date Received: 09/28/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: TOT-REC-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
	Date Analyzed:	10/17/2006 2116			
	Date Prepared:	09/29/2006 0807			
Na	10000	ug/L	5000	5000	1.0
Ni	40 U	ug/L	40	40	1.0
Pb	5.0 U	ug/L	5.0	5.0	1.0
Mn	2000	ug/L	15	15	1.0
Sb	60 U	ug/L	60	60	1.0
Se	10 U	ug/L	10	10	1.0
V	50 U	ug/L	50	50	1.0
Tl	10 U	ug/L	10	10	1.0
Zn	20 U	ug/L	20	20	1.0
Method: 245.1					
Prep Method: 245.1					
Hg	0.20 U	ug/L	0.20	0.20	1.0
Method: DISS-245.1					
Prep Method: 245.1					
Hg	0.20 U	ug/L	0.20	0.20	1.0
Method: 2340B					
Hardness as calcium carbonate	430	mg/L	2.5	2.5	1.0
Method: 110.2					
Color	200	Color Units	25	25	10
Method: 160.1					
Total Dissolved Solids	510	mg/L	5.0	5.0	1.0
Method: 2320B					
Alkalinity	310	mg/L	5.0	5.0	1.0
Method: 300.0					
Bromide	1.0 U	mg/L	1.0	1.0	1.0

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Job Number: 420-7811-1

Client Sample ID: MW #207 D DUP
Lab Sample ID: 420-7811-7

Date Sampled: 09/27/2006 1107
Date Received: 09/28/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 300.0	Date Analyzed:	09/28/2006 1853			
Method: 300.0	Date Analyzed:	09/29/2006 1039			
Sulfate	110 *	mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:	09/28/2006 1853			
Nitrogen, Nitrate	0.25 U	mg/L	0.25	0.25	1.0
Method: 335.3 Prep Method: Distillation	Date Analyzed: 10/05/2006 0817 Date Prepared: 10/02/2006 0545				
Cyanide, Total	0.010 U	mg/L	0.010	0.010	1.0
Method: 350.2 Prep Method: Distill/Ammonia	Date Analyzed: 09/28/2006 0913 Date Prepared: 09/28/2006 0909				
Ammonia	1.0 U	mg/L	1.0	1.0	1.0
Method: 3500 CR D	Date Analyzed:	09/28/2006 0900			
Cr (VI)	0.010 U	mg/L	0.010	0.010	1.0
Method: 410.1 Prep Method: 410.1	Date Analyzed: 10/05/2006 1700 Date Prepared: 10/05/2006 1000				
Chemical Oxygen Demand	10	mg/L	10	10	1.0
Method: 420.4 Prep Method: Distill/Phenol	Date Analyzed: 10/04/2006 1502 Date Prepared: 10/03/2006 1126				
Phenolics, Total Recoverable	0.010 U	mg/L	0.010	0.010	1.0
Method: 4500 CL B	Date Analyzed:	09/29/2006 1140			
Chloride	11	mg/L	5.0	5.0	1.0
Method: 5210B	Date Analyzed:	09/28/2006 1046			
Biochemical Oxygen Demand	4.0 U	mg/L	4.0	4.0	2.0

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Job Number: 420-7811-1

Client Sample ID: MW #207 D DUP
Lab Sample ID: 420-7811-7

Date Sampled: 09/27/2006 1107
Date Received: 09/28/2006 0800
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 5210B	Date Analyzed:	09/28/2006 1046			
Method: 5310_C	Date Analyzed:	10/03/2006 0954			
Total Organic Carbon	2.9	mg/L	1.0	1.0	1.0

DATA REPORTING QUALIFIERS

Client: C & S Engineers

Job Number: 420-7811-1

Lab Section	Qualifier	Description
GC/MS VOA	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	U	Indicates the analyte was analyzed for but not detected.
Metals	*	LCS or LCSD exceeds the control limits
	U	Indicates the analyte was analyzed for but not detected.
General Chemistry	*	LCS or LCSD exceeds the control limits
	H	Sample was prepped or analyzed beyond the specified holding time
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	U	Indicates the analyte was analyzed for but not detected.

LOGIN SAMPLE RECEIPT CHECK LIST

Client: C & S Engineers

Job Number: 420-7811-1

Login Number: 7811

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	NA	
The cooler's custody seal, if present, is intact.	NA	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	False	10
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	



STL

ANALYTICAL REPORT

Job Number: 420-8508-1

Job Description: Orange County Landfill

For:
C & S Engineers
499 Col. Eileen Collins Blvd
Syracuse, NY 13212

Attention: Christen Craig

A handwritten signature in black ink, appearing to read "Lynn Kuhl".

Lynn Kuhl
Project Manager II
lkuhl@stl-inc.com
11/17/2006

Project Manager: Lynn Kuhl

Severn Trent Laboratories, Inc.

STL Newburgh 315 Fullerton Avenue, Newburgh, NY 12550
Tel (845) 562-0890 Fax (845) 562-0841 www.stl-inc.com



METHOD SUMMARY

Client: C & S Engineers

Job Number: 420-8508-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds by GC/MS	STL CT	SW846 8260B	
Purge-and-Trap	STL CT		SW846 5030B
ICP Metals by 200.7	STL NEW	EPA 200.7 Rev 4.4	
Total Recoverable Metals Digestion for 200.7	STL NEW		40CFR136A 200.7 Appx C
Sample Filtration performed in the Field	STL NEW		FIELD_FLTRD
Mercury in Water by CVAA	STL NEW	EPA 245.1	
Digestion for CVAA Mercury in Waters	STL NEW		EPA 245.1
Sample Filtration performed in the Field	STL NEW		FIELD_FLTRD
Hardness by Calculation	STL NEW	SM20 2340B	
Color, Colorimetric	STL NEW	MCAWW 110.2	
Residue, Filterable, Gravimetric, Dried at 180°C (TDS)	STL NEW	MCAWW 160.1	
Alkalinity, Titration Method	STL NEW	SM18 2320B	
Anions by Ion Chromatography	STL NEW	EPA-04 300.0	
Anions by Ion Chromatography	STL NEW	EPA-04 300.0	
Cyanide (Total, Colorimetric, Automated UV)	STL NEW	MCAWW 335.3	
Distillation/Cyanide	STL NEW		Distillation
Nitrogen (Ammonia Distillation Procedure)	STL NEW	MCAWW 350.2	
Distillation/Ammonia	STL NEW		Distill/Ammonia
Chromium, Hexavalent (Colormetric)	STL NEW	SM18 3500 CR D	
Nitrogen, Total Kjeldahl (Colorimetric, Semi-Automated Block Digester, AAll)	STL NEW	MCAWW 351.2	
Nitrogen, Total Kjeldahl (Colorimetric,	STL NEW		MCAWW 351.2
Chemical Oxygen Demand, Titrimetric	STL NEW	MCAWW 410.1	
Chemical Oxyen Demand, Titrimetric, Prep	STL NEW		MCAWW 410.1
Phenolics (Total Recoverable, Colorimetric, Semi-Automated, with Distillation)	STL NEW	MCAWW 420.4	
Distillation/Phenolics	STL NEW		Distill/Phenol
Chloride by Silver Nitrate Titration	STL NEW	SM18 4500 CL B	
5 Day BOD test	STL NEW	SM20 5210B	
Total Organic Carbon/Persulfate - Ultraviolet Oxidation Method	STL NEW	SM18 5310_C	

STL Newburgh

METHOD SUMMARY

Client: C & S Engineers

Job Number: 420-8508-1

LAB REFERENCES:

STL CT = STL Connecticut

STL NEW = STL Newburgh

METHOD REFERENCES:

EPA - US Environmental Protection Agency

EPA-04 - "Methods For The Determination Of Inorganic Substances In Environmental Samples", EPA/600/R-93/100, August 1993.

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

SM18 - "Standard Methods For The Examination Of Water And Wastewater", 18th Edition, 1992.

SM20 - "Standard Methods For The Examination Of Water And Wastewater", 20th Edition."

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

SAMPLE SUMMARY

Client: C & S Engineers

Job Number: 420-8508-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
420-8508-1	PZ #1A	Water	10/31/2006 1105	10/31/2006 1500
420-8508-2	PZ #4	Water	10/31/2006 1242	10/31/2006 1500
420-8508-3	PZ #11	Water	10/31/2006 1142	10/31/2006 1500

Christen Craig
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Syracuse, NY 13212

Job Number: 420-8508-1

Client Sample ID: PZ #1A
Lab Sample ID: 420-8508-1

Date Sampled: 10/31/2006 1105
Date Received: 10/31/2006 1500
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		11/07/2006 1235			
Prep Method: 5030B	Date Prepared:		11/07/2006 1235			
Chloroform	5.0	U	ug/L	0.70	5.0	1.0
1,1,1-Trichloroethane	5.0	U	ug/L	0.40	5.0	1.0
Carbon tetrachloride	5.0	U	ug/L	1.0	5.0	1.0
Benzene	5.0	U	ug/L	0.40	5.0	1.0
1,2-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Trichloroethene	5.0	U	ug/L	0.70	5.0	1.0
1,2-Dichloropropane	5.0	U	ug/L	0.90	5.0	1.0
Dibromomethane	5.0	U	ug/L	0.60	5.0	1.0
Bromodichloromethane	5.0	U	ug/L	0.40	5.0	1.0
cis-1,3-Dichloropropene	5.0	U	ug/L	0.50	5.0	1.0
4-Methyl-2-pentanone (MIBK)	10	U	ug/L	0.70	10	1.0
Toluene	5.0	U	ug/L	0.30	5.0	1.0
trans-1,3-Dichloropropene	5.0	U	ug/L	0.80	5.0	1.0
1,1,2-Trichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Tetrachloroethene	5.0	U	ug/L	0.50	5.0	1.0
2-Hexanone	10	U	ug/L	0.80	10	1.0
Dibromochloromethane	5.0	U	ug/L	0.50	5.0	1.0
1,2-Dibromoethane	5.0	U	ug/L	0.50	5.0	1.0
Chlorobenzene	5.0	U	ug/L	0.40	5.0	1.0
1,1,1,2-Tetrachloroethane	5.0	U	ug/L	0.70	5.0	1.0
Ethylbenzene	5.0	U	ug/L	1.0	5.0	1.0
Xylenes, Total	5.0	U	ug/L	1.0	5.0	1.0
Styrene	5.0	U	ug/L	0.50	5.0	1.0
Bromoform	5.0	U	ug/L	0.80	5.0	1.0
trans-1,4-Dichloro-2-butene	10	U	ug/L	1.2	10	1.0
1,1,2,2-Tetrachloroethane	5.0	U	ug/L	0.40	5.0	1.0
1,2,3-Trichloropropane	5.0	U	ug/L	1.1	5.0	1.0
1,4-Dichlorobenzene	5.0	U	ug/L	0.50	5.0	1.0
1,2-Dichlorobenzene	5.0	U	ug/L	0.60	5.0	1.0
1,2-Dibromo-3-Chloropropane	5.0	U	ug/L	0.70	5.0	1.0
Acrylonitrile	10	U	ug/L	1.6	10	1.0
Acetone	10	U	ug/L	1.4	10	1.0
Bromochloromethane	5.0	U	ug/L	0.80	5.0	1.0
Carbon disulfide	5.0	U	ug/L	0.90	5.0	1.0
Chloroethane	5.0	U	ug/L	0.80	5.0	1.0
1,1-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,1-Dichloroethene	5.0	U	ug/L	0.70	5.0	1.0
cis-1,2-Dichloroethene	5.0	U	ug/L	0.60	5.0	1.0
trans-1,2-Dichloroethene	5.0	U	ug/L	0.50	5.0	1.0
Bromomethane	5.0	U	ug/L	1.2	5.0	1.0

Christen Craig
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Job Number: 420-8508-1

Client Sample ID: PZ #1A
Lab Sample ID: 420-8508-1

Date Sampled: 10/31/2006 1105
Date Received: 10/31/2006 1500
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		11/07/2006 1235			
Prep Method: 5030B	Date Prepared:		11/07/2006 1235			
Chloromethane	5.0	U	ug/L	0.50	5.0	1.0
Methylene Chloride	5.0	U	ug/L	0.40	5.0	1.0
2-Butanone (MEK)	10	U	ug/L	1.2	10	1.0
Trichlorofluoromethane	5.0	U	ug/L	0.60	5.0	1.0
Vinyl acetate	5.0	U	ug/L	0.20	5.0	1.0
Vinyl chloride	5.0	U	ug/L	0.80	5.0	1.0
Surrogate					Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	115		%		53 - 125	
4-Bromofluorobenzene	113		%		73 - 127	
Dibromofluoromethane	124		%		54 - 137	
Toluene-d8 (Surr)	104		%		63 - 121	

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Job Number: 420-8508-1

Client Sample ID: PZ #1A
Lab Sample ID: 420-8508-1

Date Sampled: 10/31/2006 1105
Date Received: 10/31/2006 1500
Client Matrix: Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: TOT-REC-200.7 Rev 4.4	Date Analyzed:		11/08/2006 1358			
Prep Method: 200.7 Appx C	Date Prepared:		11/01/2006 0845			
Al	200	U	ug/L	200	200	1.0
As	5.0	U	ug/L	5.0	5.0	1.0
Ba	200	U	ug/L	200	200	1.0
B	50	U	ug/L	50	50	1.0
Be	5.0	U	ug/L	5.0	5.0	1.0
Ca	110000		ug/L	5000	5000	1.0
Co	50	U	ug/L	50	50	1.0
Cr	10	U	ug/L	10	10	1.0
Cu	25	U	ug/L	25	25	1.0
Fe	100	U	ug/L	100	100	1.0
K	5000	U	ug/L	5000	5000	1.0
Mg	25000		ug/L	5000	5000	1.0
Na	16000		ug/L	5000	5000	1.0
Pb	5.0	U	ug/L	5.0	5.0	1.0
Mn	490		ug/L	15	15	1.0
Sb	60	U	ug/L	60	60	1.0
Se	10	U	ug/L	10	10	1.0
V	50	U	ug/L	50	50	1.0
Tl	10	U	ug/L	10	10	1.0
Zn	20	U	ug/L	20	20	1.0

Method: DISS-200.7 Rev 4.4
Prep Method: 200.7 Appx C

Date Analyzed: 11/08/2006 1404
Date Prepared: 11/01/2006 0918

Al	200	U	ug/L	200	200	1.0
Sb	60	U	ug/L	60	60	1.0
As	5.0	U	ug/L	5.0	5.0	1.0
Ba	200	U	ug/L	200	200	1.0
Be	5.0	U	ug/L	5.0	5.0	1.0
Ca	110000		ug/L	5000	5000	1.0
Cr	10	U	ug/L	10	10	1.0
Co	50	U	ug/L	50	50	1.0
Cu	25	U	ug/L	25	25	1.0
Fe	100	U	ug/L	100	100	1.0
Pb	5.0	U	ug/L	5.0	5.0	1.0
Mg	25000		ug/L	5000	5000	1.0
Mn	480		ug/L	15	15	1.0
K	5000	U	ug/L	5000	5000	1.0
Se	10	U	ug/L	10	10	1.0
Tl	10	U	ug/L	10	10	1.0
Na	15000		ug/L	5000	5000	1.0

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Job Number: 420-8508-1

Client Sample ID: PZ #1A
Lab Sample ID: 420-8508-1

Date Sampled: 10/31/2006 1105
Date Received: 10/31/2006 1500
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: DISS-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
V	50 U	ug/L	50	50	1.0
Zn	20 U	ug/L	20	20	1.0
B	50 U	ug/L	50	50	1.0
Method: TOT-REC-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
Ag	10 U *	ug/L	10	10	1.0
Cd	5.0 U	ug/L	5.0	5.0	1.0
Ni	40 U	ug/L	40	40	1.0
Method: DISS-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
Cd	5.0 U	ug/L	5.0	5.0	1.0
Ni	40 U	ug/L	40	40	1.0
Ag	10 U	ug/L	10	10	1.0
Method: 245.1					
Prep Method: 245.1					
Hg	0.20 U	ug/L	0.20	0.20	1.0
Method: DISS-245.1					
Prep Method: 245.1					
Hg	0.20 U	ug/L	0.20	0.20	1.0
Method: 2340B					
Hardness as calcium carbonate	360	mg/L	2.5	2.5	1.0
Method: 110.2					
Color	20	Color Units	2.5	2.5	1.0
Method: 160.1					
Total Dissolved Solids	510	mg/L	5.0	5.0	1.0

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Syracuse, NY 13212

Job Number: 420-8508-1

Client Sample ID: PZ #1A
Lab Sample ID: 420-8508-1

Date Sampled: 10/31/2006 1105
Date Received: 10/31/2006 1500
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 2320B	Date Analyzed:	11/04/2006 1123			
Alkalinity	180 *	mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:	11/01/2006 1032			
Bromide	1.0 U	mg/L	1.0	1.0	1.0
Method: 300.0	Date Analyzed:	11/01/2006 1118			
Sulfate	170	mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:	11/01/2006 1032			
Nitrogen, Nitrate	0.25 U	mg/L	0.25	0.25	1.0
Method: 335.3	Date Analyzed:	11/06/2006 1552			
Prep Method: Distillation	Date Prepared:	11/02/2006 1140			
Cyanide, Total	0.011	mg/L	0.010	0.010	1.0
Method: 350.2	Date Analyzed:	11/10/2006 1419			
Prep Method: Distill/Ammonia	Date Prepared:	11/10/2006 1412			
Ammonia	1.0 U	mg/L	1.0	1.0	1.0
Method: 3500 CR D	Date Analyzed:	10/31/2006 1730			
Cr (VI)	0.010 U	mg/L	0.010	0.010	1.0
Method: 351.2	Date Analyzed:	11/08/2006 1535			
Prep Method: 351.2	Date Prepared:	11/01/2006 1623			
TKN	1.0 U	mg/L	1.0	1.0	1.0
Method: 410.1	Date Analyzed:	11/06/2006 1255			
Prep Method: 410.1	Date Prepared:	11/03/2006 1303			
Chemical Oxygen Demand	10 U	mg/L	10	10	1.0
Method: 420.4	Date Analyzed:	11/13/2006 1212			
Prep Method: Distill/Phenol	Date Prepared:	11/08/2006 1039			

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Syracuse, NY 13212

Job Number: 420-8508-1

Client Sample ID: PZ #1A
Lab Sample ID: 420-8508-1

Date Sampled: 10/31/2006 1105
Date Received: 10/31/2006 1500
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 420.4	Date Analyzed:	11/13/2006 1212			
Prep Method: Distill/Phenol	Date Prepared:	11/08/2006 1039			
Phenolics, Total Recoverable	0.010 U	mg/L	0.010	0.010	1.0
Method: 4500 CL B	Date Analyzed:	11/07/2006 0940			
Chloride	25	mg/L	5.0	5.0	1.0
Method: 5210B	Date Analyzed:	11/01/2006 0857			
Biochemical Oxygen Demand	4.0 U	mg/L	4.0	4.0	2.0
Method: 5310_C	Date Analyzed:	11/09/2006 1053			
Total Organic Carbon	1.0 U	mg/L	1.0	1.0	1.0

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Job Number: 420-8508-1

Client Sample ID: PZ #4
Lab Sample ID: 420-8508-2

Date Sampled: 10/31/2006 1242
Date Received: 10/31/2006 1500
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		11/07/2006	1303		
Prep Method: 5030B	Date Prepared:		11/07/2006	1303		
Chloroform	5.0	U	ug/L	0.70	5.0	1.0
1,1,1-Trichloroethane	5.0	U	ug/L	0.40	5.0	1.0
Carbon tetrachloride	5.0	U	ug/L	1.0	5.0	1.0
Benzene	5.0	U	ug/L	0.40	5.0	1.0
1,2-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Trichloroethene	5.0	U	ug/L	0.70	5.0	1.0
1,2-Dichloropropane	5.0	U	ug/L	0.90	5.0	1.0
Dibromomethane	5.0	U	ug/L	0.60	5.0	1.0
Bromodichloromethane	5.0	U	ug/L	0.40	5.0	1.0
cis-1,3-Dichloropropene	5.0	U	ug/L	0.50	5.0	1.0
4-Methyl-2-pentanone (MIBK)	10	U	ug/L	0.70	10	1.0
Toluene	5.0	U	ug/L	0.30	5.0	1.0
trans-1,3-Dichloropropene	5.0	U	ug/L	0.80	5.0	1.0
1,1,2-Trichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Tetrachloroethene	5.0	U	ug/L	0.50	5.0	1.0
2-Hexanone	10	U	ug/L	0.80	10	1.0
Dibromochloromethane	5.0	U	ug/L	0.50	5.0	1.0
1,2-Dibromoethane	5.0	U	ug/L	0.50	5.0	1.0
Chlorobenzene	5.0	U	ug/L	0.40	5.0	1.0
1,1,1,2-Tetrachloroethane	5.0	U	ug/L	0.70	5.0	1.0
Ethylbenzene	5.0	U	ug/L	1.0	5.0	1.0
Xylenes, Total	5.0	U	ug/L	1.0	5.0	1.0
Styrene	5.0	U	ug/L	0.50	5.0	1.0
Bromoform	5.0	U	ug/L	0.80	5.0	1.0
trans-1,4-Dichloro-2-butene	10	U	ug/L	1.2	10	1.0
1,1,2,2-Tetrachloroethane	5.0	U	ug/L	0.40	5.0	1.0
1,2,3-Trichloropropane	5.0	U	ug/L	1.1	5.0	1.0
1,4-Dichlorobenzene	5.0	U	ug/L	0.50	5.0	1.0
1,2-Dichlorobenzene	5.0	U	ug/L	0.60	5.0	1.0
1,2-Dibromo-3-Chloropropane	5.0	U	ug/L	0.70	5.0	1.0
Acrylonitrile	10	U	ug/L	1.6	10	1.0
Acetone	10	U	ug/L	1.4	10	1.0
Bromochloromethane	5.0	U	ug/L	0.80	5.0	1.0
Carbon disulfide	5.0	U	ug/L	0.90	5.0	1.0
Chloroethane	5.0	U	ug/L	0.80	5.0	1.0
1,1-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,1-Dichloroethene	5.0	U	ug/L	0.70	5.0	1.0
cis-1,2-Dichloroethene	5.0	U	ug/L	0.60	5.0	1.0
trans-1,2-Dichloroethene	5.0	U	ug/L	0.50	5.0	1.0
Bromomethane	5.0	U	ug/L	1.2	5.0	1.0

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Job Number: 420-8508-1

Client Sample ID: PZ #4
Lab Sample ID: 420-8508-2

Date Sampled: 10/31/2006 1242
Date Received: 10/31/2006 1500
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		11/07/2006 1303			
Prep Method: 5030B	Date Prepared:		11/07/2006 1303			
Chloromethane	5.0	U	ug/L	0.50	5.0	1.0
Methylene Chloride	5.0	U	ug/L	0.40	5.0	1.0
2-Butanone (MEK)	10	U	ug/L	1.2	10	1.0
Trichlorofluoromethane	5.0	U	ug/L	0.60	5.0	1.0
Vinyl acetate	5.0	U	ug/L	0.20	5.0	1.0
Vinyl chloride	5.0	U	ug/L	0.80	5.0	1.0
Surrogate				Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	117		%		53 - 125	
4-Bromofluorobenzene	110		%		73 - 127	
Dibromofluoromethane	126		%		54 - 137	
Toluene-d8 (Surr)	105		%		63 - 121	

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Job Number: 420-8508-1

Client Sample ID: PZ #4
Lab Sample ID: 420-8508-2

Date Sampled: 10/31/2006 1242
Date Received: 10/31/2006 1500
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: TOT-REC-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
	Date Analyzed:	11/08/2006 1452			
	Date Prepared:	11/01/2006 0845			
Al	6800	ug/L	200	200	1.0
As	20	ug/L	5.0	5.0	1.0
Ba	200 U	ug/L	200	200	1.0
B	97	ug/L	50	50	1.0
Be	5.0 U	ug/L	5.0	5.0	1.0
Ca	210000	ug/L	5000	5000	1.0
Co	50 U	ug/L	50	50	1.0
Cr	10 U	ug/L	10	10	1.0
Cu	25 U	ug/L	25	25	1.0
Fe	12000	ug/L	100	100	1.0
K	6500	ug/L	5000	5000	1.0
Mg	48000	ug/L	5000	5000	1.0
Na	22000	ug/L	5000	5000	1.0
Pb	6.6	ug/L	5.0	5.0	1.0
Mn	1600	ug/L	15	15	1.0
Sb	60 U	ug/L	60	60	1.0
Se	10 U	ug/L	10	10	1.0
V	50 U	ug/L	50	50	1.0
Tl	10 U	ug/L	10	10	1.0
Zn	46	ug/L	20	20	1.0
Method: DISS-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
	Date Analyzed:	11/08/2006 1458			
	Date Prepared:	11/01/2006 0918			
Al	200 U	ug/L	200	200	1.0
Sb	60 U	ug/L	60	60	1.0
As	16	ug/L	5.0	5.0	1.0
Ba	200 U	ug/L	200	200	1.0
Be	5.0 U	ug/L	5.0	5.0	1.0
Ca	180000	ug/L	5000	5000	1.0
Cr	10 U	ug/L	10	10	1.0
Co	50 U	ug/L	50	50	1.0
Cu	25 U	ug/L	25	25	1.0
Fe	490	ug/L	100	100	1.0
Pb	5.0 U	ug/L	5.0	5.0	1.0
Mg	43000	ug/L	5000	5000	1.0
Mn	950	ug/L	15	15	1.0
K	5000 U	ug/L	5000	5000	1.0
Se	10 U	ug/L	10	10	1.0
Tl	10 U	ug/L	10	10	1.0
Na	20000	ug/L	5000	5000	1.0

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Job Number: 420-8508-1

Client Sample ID: PZ #4
Lab Sample ID: 420-8508-2

Date Sampled: 10/31/2006 1242
Date Received: 10/31/2006 1500
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: DISS-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
	Date Analyzed:	11/08/2006 1458			
	Date Prepared:	11/01/2006 0918			
V	50 U	ug/L	50	50	1.0
Zn	20 U	ug/L	20	20	1.0
B	87	ug/L	50	50	1.0
Method: TOT-REC-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
	Date Analyzed:	11/10/2006 1701			
	Date Prepared:	11/01/2006 0845			
Ag	10 U *	ug/L	10	10	1.0
Cd	5.0 U	ug/L	5.0	5.0	1.0
Ni	40 U	ug/L	40	40	1.0
Method: DISS-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
	Date Analyzed:	11/10/2006 1707			
	Date Prepared:	11/01/2006 0918			
Cd	5.0 U	ug/L	5.0	5.0	1.0
Ni	40 U	ug/L	40	40	1.0
Ag	10 U	ug/L	10	10	1.0
Method: 245.1					
Prep Method: 245.1					
	Date Analyzed:	11/06/2006 1554			
	Date Prepared:	11/02/2006 1515			
Hg	0.20 U	ug/L	0.20	0.20	1.0
Method: DISS-245.1					
Prep Method: 245.1					
	Date Analyzed:	11/06/2006 1610			
	Date Prepared:	11/02/2006 1515			
Hg	0.20 U	ug/L	0.20	0.20	1.0
Method: 2340B					
	Date Analyzed:	11/08/2006 1358			
Hardness as calcium carbonate	710	mg/L	2.5	2.5	1.0
Method: 110.2					
	Date Analyzed:	11/01/2006 1018			
Color	1500	Color Units	250	250	100
Method: 160.1					
	Date Analyzed:	11/03/2006 1345			
Total Dissolved Solids	760	mg/L	5.0	5.0	1.0

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Job Number: 420-8508-1

Client Sample ID: PZ #4
Lab Sample ID: 420-8508-2

Date Sampled: 10/31/2006 1242
Date Received: 10/31/2006 1500
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 2320B	Date Analyzed:	11/04/2006 1123			
Alkalinity	290 *	mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:	11/01/2006 1041			
Bromide	1.0 U	mg/L	1.0	1.0	1.0
Method: 300.0	Date Analyzed:	11/01/2006 1127			
Sulfate	190	mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:	11/01/2006 1041			
Nitrogen, Nitrate	0.25 U	mg/L	0.25	0.25	1.0
Method: 335.3 Prep Method: Distillation	Date Analyzed: 11/06/2006 1553 Date Prepared: 11/02/2006 1140				
Cyanide, Total	0.010 U	mg/L	0.010	0.010	1.0
Method: 350.2 Prep Method: Distill/Ammonia	Date Analyzed: 11/10/2006 1419 Date Prepared: 11/10/2006 1412				
Ammonia	1.0 U	mg/L	1.0	1.0	1.0
Method: 3500 CR D	Date Analyzed:	10/31/2006 1730			
Cr (VI)	0.010 U	mg/L	0.010	0.010	1.0
Method: 351.2 Prep Method: 351.2	Date Analyzed: 11/08/2006 1538 Date Prepared: 11/01/2006 1623				
TKN	1.0 U	mg/L	1.0	1.0	1.0
Method: 410.1 Prep Method: 410.1	Date Analyzed: 11/06/2006 1255 Date Prepared: 11/03/2006 1303				
Chemical Oxygen Demand	17	mg/L	10	10	1.0
Method: 420.4 Prep Method: Distill/Phenol	Date Analyzed: 11/13/2006 1213 Date Prepared: 11/08/2006 1039				

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Job Number: 420-8508-1

Client Sample ID: PZ #4
Lab Sample ID: 420-8508-2

Date Sampled: 10/31/2006 1242
Date Received: 10/31/2006 1500
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 420.4	Date Analyzed:	11/13/2006 1213			
Prep Method: Distill/Phenol	Date Prepared:	11/08/2006 1039			
Phenolics, Total Recoverable	0.010 U	mg/L	0.010	0.010	1.0
Method: 4500 CL B	Date Analyzed:	11/07/2006 0940			
Chloride	29	mg/L	5.0	5.0	1.0
Method: 5210B	Date Analyzed:	11/01/2006 0857			
Biochemical Oxygen Demand	4.0 U	mg/L	4.0	4.0	2.0
Method: 5310_C	Date Analyzed:	11/09/2006 1053			
Total Organic Carbon	1.8	mg/L	1.0	1.0	1.0

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Job Number: 420-8508-1

Client Sample ID: PZ #11
Lab Sample ID: 420-8508-3

Date Sampled: 10/31/2006 1142
Date Received: 10/31/2006 1500
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		11/07/2006 1330			
Prep Method: 5030B	Date Prepared:		11/07/2006 1330			
Chloroform	5.0	U	ug/L	0.70	5.0	1.0
1,1,1-Trichloroethane	5.0	U	ug/L	0.40	5.0	1.0
Carbon tetrachloride	5.0	U	ug/L	1.0	5.0	1.0
Benzene	5.0	U	ug/L	0.40	5.0	1.0
1,2-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Trichloroethene	5.0	U	ug/L	0.70	5.0	1.0
1,2-Dichloropropane	5.0	U	ug/L	0.90	5.0	1.0
Dibromomethane	5.0	U	ug/L	0.60	5.0	1.0
Bromodichloromethane	5.0	U	ug/L	0.40	5.0	1.0
cis-1,3-Dichloropropene	5.0	U	ug/L	0.50	5.0	1.0
4-Methyl-2-pentanone (MIBK)	10	U	ug/L	0.70	10	1.0
Toluene	5.0	U	ug/L	0.30	5.0	1.0
trans-1,3-Dichloropropene	5.0	U	ug/L	0.80	5.0	1.0
1,1,2-Trichloroethane	5.0	U	ug/L	0.60	5.0	1.0
Tetrachloroethene	5.0	U	ug/L	0.50	5.0	1.0
2-Hexanone	10	U	ug/L	0.80	10	1.0
Dibromochloromethane	5.0	U	ug/L	0.50	5.0	1.0
1,2-Dibromoethane	5.0	U	ug/L	0.50	5.0	1.0
Chlorobenzene	5.0	U	ug/L	0.40	5.0	1.0
1,1,1,2-Tetrachloroethane	5.0	U	ug/L	0.70	5.0	1.0
Ethylbenzene	5.0	U	ug/L	1.0	5.0	1.0
Xylenes, Total	5.0	U	ug/L	1.0	5.0	1.0
Styrene	5.0	U	ug/L	0.50	5.0	1.0
Bromoform	5.0	U	ug/L	0.80	5.0	1.0
trans-1,4-Dichloro-2-butene	10	U	ug/L	1.2	10	1.0
1,1,2,2-Tetrachloroethane	5.0	U	ug/L	0.40	5.0	1.0
1,2,3-Trichloropropane	5.0	U	ug/L	1.1	5.0	1.0
1,4-Dichlorobenzene	5.0	U	ug/L	0.50	5.0	1.0
1,2-Dichlorobenzene	5.0	U	ug/L	0.60	5.0	1.0
1,2-Dibromo-3-Chloropropane	5.0	U	ug/L	0.70	5.0	1.0
Acrylonitrile	10	U	ug/L	1.6	10	1.0
Acetone	10	U	ug/L	1.4	10	1.0
Bromochloromethane	5.0	U	ug/L	0.80	5.0	1.0
Carbon disulfide	5.0	U	ug/L	0.90	5.0	1.0
Chloroethane	5.0	U	ug/L	0.80	5.0	1.0
1,1-Dichloroethane	5.0	U	ug/L	0.60	5.0	1.0
1,1-Dichloroethene	5.0	U	ug/L	0.70	5.0	1.0
cis-1,2-Dichloroethene	5.0	U	ug/L	0.60	5.0	1.0
trans-1,2-Dichloroethene	5.0	U	ug/L	0.50	5.0	1.0
Bromomethane	5.0	U	ug/L	1.2	5.0	1.0

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Job Number: 420-8508-1

Client Sample ID: PZ #11
Lab Sample ID: 420-8508-3

Date Sampled: 10/31/2006 1142
Date Received: 10/31/2006 1500
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:		11/07/2006 1330			
Prep Method: 5030B	Date Prepared:		11/07/2006 1330			
Chloromethane	5.0	U	ug/L	0.50	5.0	1.0
Methylene Chloride	5.0	U	ug/L	0.40	5.0	1.0
2-Butanone (MEK)	10	U	ug/L	1.2	10	1.0
Trichlorofluoromethane	5.0	U	ug/L	0.60	5.0	1.0
Vinyl acetate	5.0	U	ug/L	0.20	5.0	1.0
Vinyl chloride	5.0	U	ug/L	0.80	5.0	1.0
Surrogate				Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	119		%		53 - 125	
4-Bromofluorobenzene	107		%		73 - 127	
Dibromofluoromethane	125		%		54 - 137	
Toluene-d8 (Surr)	103		%		63 - 121	

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Job Number: 420-8508-1

Client Sample ID: PZ #11
Lab Sample ID: 420-8508-3

Date Sampled: 10/31/2006 1142
Date Received: 10/31/2006 1500
Client Matrix: Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: TOT-REC-200.7 Rev 4.4		Date Analyzed: 11/08/2006 1503				
Prep Method: 200.7 Appx C		Date Prepared: 11/01/2006 0845				
Al	200	U	ug/L	200	200	1.0
As	21		ug/L	5.0	5.0	1.0
Ba	200	U	ug/L	200	200	1.0
B	50	U	ug/L	50	50	1.0
Be	5.0	U	ug/L	5.0	5.0	1.0
Ca	190000		ug/L	5000	5000	1.0
Co	50	U	ug/L	50	50	1.0
Cr	10	U	ug/L	10	10	1.0
Cu	25	U	ug/L	25	25	1.0
Fe	8300		ug/L	100	100	1.0
K	5000	U	ug/L	5000	5000	1.0
Mg	30000		ug/L	5000	5000	1.0
Na	14000		ug/L	5000	5000	1.0
Pb	5.0	U	ug/L	5.0	5.0	1.0
Sb	60	U	ug/L	60	60	1.0
Se	10	U	ug/L	10	10	1.0
V	50	U	ug/L	50	50	1.0
Tl	10	U	ug/L	10	10	1.0
Zn	23		ug/L	20	20	1.0
Method: DISS-200.7 Rev 4.4		Date Analyzed: 11/08/2006 1509				
Prep Method: 200.7 Appx C		Date Prepared: 11/01/2006 0918				
Al	200	U	ug/L	200	200	1.0
Sb	60	U	ug/L	60	60	1.0
As	17		ug/L	5.0	5.0	1.0
Ba	200	U	ug/L	200	200	1.0
Be	5.0	U	ug/L	5.0	5.0	1.0
Ca	190000		ug/L	5000	5000	1.0
Cr	10	U	ug/L	10	10	1.0
Co	50	U	ug/L	50	50	1.0
Cu	25	U	ug/L	25	25	1.0
Fe	7500		ug/L	100	100	1.0
Pb	5.0	U	ug/L	5.0	5.0	1.0
Mg	31000		ug/L	5000	5000	1.0
K	5000	U	ug/L	5000	5000	1.0
Se	10	U	ug/L	10	10	1.0
Tl	10	U	ug/L	10	10	1.0
Na	13000		ug/L	5000	5000	1.0
V	50	U	ug/L	50	50	1.0
Zn	20	U	ug/L	20	20	1.0

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Job Number: 420-8508-1

Client Sample ID: PZ #11
Lab Sample ID: 420-8508-3

Date Sampled: 10/31/2006 1142
Date Received: 10/31/2006 1500
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: DISS-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
B	50 U	ug/L	50	50	1.0
Method: TOT-REC-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
Ag	10 U *	ug/L	10	10	1.0
Cd	5.0 U	ug/L	5.0	5.0	1.0
Ni	40 U	ug/L	40	40	1.0
Mn	3300	ug/L	15	15	1.0
Method: DISS-200.7 Rev 4.4					
Prep Method: 200.7 Appx C					
Cd	5.0 U	ug/L	5.0	5.0	1.0
Mn	3300	ug/L	15	15	1.0
Ni	40 U	ug/L	40	40	1.0
Ag	10 U	ug/L	10	10	1.0
Method: 245.1					
Prep Method: 245.1					
Hg	0.20 U	ug/L	0.20	0.20	1.0
Method: DISS-245.1					
Prep Method: 245.1					
Hg	0.20 U	ug/L	0.20	0.20	1.0
Method: 2340B					
Hardness as calcium carbonate	590	mg/L	2.5	2.5	1.0
Method: 110.2					
Color	400	Color Units	25	25	10
Method: 160.1					
Total Dissolved Solids	660	mg/L	5.0	5.0	1.0

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Job Number: 420-8508-1

Client Sample ID: PZ #11
Lab Sample ID: 420-8508-3

Date Sampled: 10/31/2006 1142
Date Received: 10/31/2006 1500
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 2320B	Date Analyzed:	11/04/2006 1123			
Alkalinity	410 *	mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:	11/01/2006 1109			
Bromide	1.0 U	mg/L	1.0	1.0	1.0
Method: 300.0	Date Analyzed:	11/01/2006 1136			
Sulfate	110	mg/L	5.0	5.0	1.0
Method: 300.0	Date Analyzed:	11/01/2006 1109			
Nitrogen, Nitrate	0.25 U	mg/L	0.25	0.25	1.0
Method: 335.3	Date Analyzed:	11/06/2006 1554			
Prep Method: Distillation	Date Prepared:	11/02/2006 1140			
Cyanide, Total	0.010 U	mg/L	0.010	0.010	1.0
Method: 350.2	Date Analyzed:	11/10/2006 1419			
Prep Method: Distill/Ammonia	Date Prepared:	11/10/2006 1412			
Ammonia	1.0 U	mg/L	1.0	1.0	1.0
Method: 3500 CR D	Date Analyzed:	10/31/2006 1730			
Cr (VI)	0.010 U	mg/L	0.010	0.010	1.0
Method: 351.2	Date Analyzed:	11/08/2006 1539			
Prep Method: 351.2	Date Prepared:	11/01/2006 1623			
TKN	1.0 U	mg/L	1.0	1.0	1.0
Method: 410.1	Date Analyzed:	11/06/2006 1255			
Prep Method: 410.1	Date Prepared:	11/03/2006 1303			
Chemical Oxygen Demand	26	mg/L	10	10	1.0
Method: 420.4	Date Analyzed:	11/13/2006 1327			
Prep Method: Distill/Phenol	Date Prepared:	11/08/2006 1039			

Christen Craig
C & S Engineers
499 Col. Eileen Collins Blvd
Syracuse, NY 13212

Job Number: 420-8508-1

Client Sample ID: PZ #11
Lab Sample ID: 420-8508-3

Date Sampled: 10/31/2006 1142
Date Received: 10/31/2006 1500
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 420.4	Date Analyzed:	11/13/2006 1327			
Prep Method: Distill/Phenol	Date Prepared:	11/08/2006 1039			
Phenolics, Total Recoverable	0.010 U	mg/L	0.010	0.010	1.0
Method: 4500 CL B	Date Analyzed:	11/07/2006 0940			
Chloride	17	mg/L	5.0	5.0	1.0
Method: 5210B	Date Analyzed:	11/01/2006 0857			
Biochemical Oxygen Demand	4.0 U	mg/L	4.0	4.0	2.0
Method: 5310_C	Date Analyzed:	11/09/2006 1053			
Total Organic Carbon	4.3	mg/L	1.0	1.0	1.0

DATA REPORTING QUALIFIERS

Client: C & S Engineers

Job Number: 420-8508-1

Lab Section	Qualifier	Description
GC/MS VOA	U	Indicates the analyte was analyzed for but not detected.
Metals	*	LCS or LCSD exceeds the control limits
	U	Indicates the analyte was analyzed for but not detected.
General Chemistry	*	LCS or LCSD exceeds the control limits
	U	Indicates the analyte was analyzed for but not detected.

LOGIN SAMPLE RECEIPT CHECK LIST

Client: C & S Engineers

Job Number: 420-8508-1

Login Number: 8508

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	NA	
The cooler's custody seal, if present, is intact.	NA	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	False	7.2
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

APPENDIX B

**CHAIN-OF-CUSTODY SHEETS / GROUNDWATER SAMPLING FIELD
LOG SHEETS**

CHAIN OF CUSTODY

315 Fullerton Avenue
Newburgh, NY 12550
TEL (845) 562-0890
FAX (845) 562-0841

CUSTOMER NAME C&S Engineers INC
ADDRESS 301 Plainfield Road
CITY STATE ZIP SYRACUSE, NY 13213
NAME OF CONTACT Brian Youngman PHONE NO (845) 291 7242
PROJECT LOCATION Orange County Landfill
PROJECT NUMBER PONO Year 2006 / Sampling

**NOTE: SAMPLE TEMPERATURE UPON
RECEIPT MUST BE 4° ± 2°C.**

REPORT TYPE
STANDARD ☐ ISRA ☐
NJ REG ☐
NY ASP A ☐ B ☐ CLP ☐
OTHER ☐

TURNAROUND
NORMAL ☐
QUICK ☐
VERBAL ☐

REPORT # (Lab Use Only)
8508
SAMPLE TEMP 7.2 °C
SAMPLE REC'D ON ICE Y ☒ N ☐
PH CHECK Y ☐ N ☐
CHLORINE (RESIDUAL) Y ☐ N ☐
REVIEWED BY _____

Matrix
DW = DRINKING WATER S = SOIL O = OIL
WW = WASTE WATER SL = SLUDGE GW = GROUND WATER

NY PUBLIC WATER SUPPLIES
SOURCE ID _____
ELRP TYPE _____
FEDERAL ID _____

ANALYSIS REQUESTED
6 NYCR2 Part 360 BASELINE
"Soluble metals"

STL #	SAMPLING DATE	TIME	TEMP	MATRIX	CLIENT ID
10/31/06	11:05			XGW	PZ # 1A
10/31/06	12:42			XGW	PZ # 4
10/31/06	11:42			XGW	PZ # 11

SAMPLES SUBMITTED FOR ANALYSIS WILL BE SUBJECT TO THE STL TERMS AND CONDITIONS OF SALE (SHORT FORM) UNLESS ALTERNATE TERMS ARE AGREED IN WRITING

RELINQUISHED BY [Signature] COMPANY [Signature] DATE 10/31/06 TIME above
SAMPLED BY [Signature] COMPANY [Signature] DATE 10/31/06 TIME 7:00
RELINQUISHED BY [Signature] COMPANY [Signature] DATE 10/31/06 TIME 1:00

COMMENTS



CHAIN OF CUSTODY

315 Fullerton Avenue
Newburgh, NY 12550
TEL (845) 562-0890
FAX (845) 562-0841

1082

CUSTOMER NAME: C&S Engineers Inc
ADDRESS: 301 Plainfield Road
CITY STATE ZIP: SYRACUSE, NY 13213
NAME OF CONTACT: Brian Youngman (845) 291-7247
PROJECT LOCATION: Orange County Landfill
PROJECT NUMBER / DO NO: Year 2006 Sampling

REPORT TYPE
STANDARD ☐ ISRA ☐
NJ REG ☐
NYASP A ☐ B ☐ CLP ☐
OTHER ☐

TURNAROUND
☐ NORMAL
☐ QUICK
☐ VERBAL

MATRIX
DW = DRINKING WATER S = SOIL O = OIL
WW = WASTE WATER SL = SLUDGE GW = GROUND WATER

REPORT # (Lab Use Only)
7811

SAMPLE TEMP. 10 C
SAMPLE REC'D ON ICE Y N
PH CHECK Y N
CHLORINE (RESIDUAL) Y N
REVIEWED BY: _____

NY PUBLIC WATER SUPPLIES
SOURCE ID _____
ELRP TYPE _____
FEDERAL ID _____

NOTE: SAMPLE TEMPERATURE UPON RECEIPT MUST BE 4° ± 2°C.

STL #	SAMPLING DATE	TIME	AM	PM	GRAB	MATRIX	CLIENT I.D.	ANALYSIS REQUESTED
1	9/27/06	8:04			X	GW	SW # 13	6 NYCRB Port 360 BASELINE x Soluble metals
2	9/27/06	9:00			X	GW	MW # 223 S	
3	"	9:17			X	GW	MS	
4	"	9:36			X	GW	MS	
5	9/27/06	10:10			X	GW	MW # 223 D	
6	"	10:55			X	GW	MW # 207 D	
7	"	11:07			X	GW	MW # 207 D	
8	9/27/06	11:31			X	GW	MW # 207 S.A	
9	"	12:19			X	GW	MW # 303 D	
10	"	12:33			X	GW	MW # 303 S	

SAMPLES SUBMITTED FOR ANALYSIS WILL BE SUBJECT TO THE STL TERMS AND CONDITIONS OF SALE (SHORT FORM) UNLESS ALTERNATE TERMS ARE AGREED IN WRITING

RELINQUISHED BY: Sham Youngman COMPANY: STL DATE: 9/27/06 TIME: 6:00

SAMPLED BY: Sham Youngman COMPANY: STL DATE: 9/27/06 TIME: above

RELINQUISHED BY: Sham Youngman COMPANY: STL DATE: 9/27/06 TIME: 6:00

COMMENTS: SURFACE WATER 3x - Dry

CHAIN OF CUSTODY

315 Fullerton Avenue
Newburgh, NY 12550
TEL (845) 562-0890
FAX (845) 562-0841

CUSTOMER NAME C & S Engineers, Inc.
ADDRESS 301 Plainfield Road
CITY STATE ZIP SYRACUSE N.Y. 13213
NAME OF CONTACT BRIAN YOUNGMAN
PHONE NO. 291-7247
PROJECT LOCATION ORANGE COUNTY L.F.
PROJECT NUMBER / PO NO. 2006 Year Samphia

NOTE: SAMPLE TEMPERATURE UPON RECEIPT MUST BE $4^{\circ} \pm 2^{\circ}\text{C}$.

REPORT TYPE STANDARD ☐ ISRA ☐ NJ REG ☐ NYASP A ☐ B ☐ CLP ☐ OTHER _____	TURNAROUND ☐ NORMAL _____ ☐ QUICK _____ ☐ VERBAL _____
--	--

Matrix
DW = DRINKING WATER S = SOIL O = OIL
WW = WASTE WATER SL = SLUDGE GW = GROUND WATER

REPORT # (Lab Use Only)

5811

SAMPLE TEMP. _____ C

SAMPLE REC'D ON ICE Y ☒ N _____

pH CHECK Y ☒ N _____

CHLORINE (RESIDUAL) Y _____ N _____

REVIEWED BY: _____

NY PUBLIC WATER SUPPLIES

SOURCE ID _____

ELRP TYPE _____

FEDERAL ID _____

Total Number
of Containers
40mm Glass
HCL
250ml Amber
Sulfuric
Liter Washed
Oleum
250ml Plastic
Nitric Acid
250ml Plastic
Sodium Hydroxide
Liter Phosphoric
Liter Phosphoric
Sulfuric Acid
250ml Plastic
Strain
125ml Plastic
67 Seal
2 Lit
Coldpack
3500ml Plastic
NaOH, Zn Ac.

STL #	DATE	TIME	COM	GRAM	MATRIX	CLIENT I.D.
-------	------	------	-----	------	--------	-------------

11	9/27/06	1.47	XGW	MW# 304 US	3	1	2	13	1	6 NYCRR Part 360 Bazelme
12	"	3.01	XGW	MW# 304 S	"	3	1	2	13	Parameters & Soluble Metab

13	9/26/06	200	XGW	Trip BLANKS	22
----	---------	-----	-----	-------------	----

ANALYSIS REQUESTED

6 NYCRR Part 360 Baseline
Parameters & Soluble Metals

SAMPLES SUBMITTED FOR ANALYSIS WILL BE SUBJECTED TO THE STL TERMS AND CONDITIONS OF SALE (SHORT FORM) UNLESS ALTERNATE TERMS ARE AGREED IN WRITING

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
SAMPLED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME

COMMENTS



**SEVERN
TRENT**

CHAIN OF CUSTODY

315 Fullerton Avenue
Newburgh, NY 12550
TEL (845) 562-0890
FAX (845) 562-0841

CUSTOMER NAME: C&S Engineering Inc
ADDRESS: 301 Plainfield Road
CITY STATE ZIP: SYRACUSE N.Y 13213
NAME OF CONTACT: BRIAN YOUNGMAN PHONE NO: 291 2242
PROJECT LOCATION: ORANGE COUNTY L.F.
PROJECT NUMBER: PO NO
Year 2006 Sample

**NOTE: SAMPLE TEMPERATURE UPON
RECEIPT MUST BE 4° ± 2°C.**

REPORT TYPE: ☐ STANDARD ☐ ISRA ☐ NJ REG ☐ NY ASP A ☐ B ☐ CLP ☐ OTHER

TURNAROUND: ☐ NORMAL ☐ QUICK ☐ VERBAL

REPORT # (Lab Use Only): 7894

SAMPLE TEMP: 8.2 °C

SAMPLE REC'D ON ICE: Y ☒ N ☐

pH CHECK: Y ☐ N ☐

CHLORINE (RESIDUAL): Y ☐ N ☐

REVIEWED BY: _____

NY PUBLIC WATER SUPPLIES

SOURCE ID: _____

ELRP TYPE: _____

FEDERAL ID: _____

Matrix
DW = DRINKING WATER S = SOIL O = OIL
WW = WASTE WATER SL = SLUDGE GW = GROUND WATER

STL #	SAMPLING DATE	TIME	AM	PM	GRAB	MATRIX	CLIENT I.D.
1	9/29/06	10:20			XGW	MW # 304D	1131
2		1:01			XGW	MW # 234S	1131
3		1:56			XGW	MW # 234D	1131
4		2:19			XGW	MW # 312S	1131
5	9/29/06	11:28			XGW	MW # 1S	1131
6		12:01			XGW	MW # 7	1131
7	9/29/06	7:00			XGW	Top Bench 2.2	

ANALYSIS REQUESTED

6 NYCCR Parts 360 Benzene
Parameters a Soluble metals

No Soluble metals

SAMPLES SUBMITTED FOR ANALYSIS WILL BE SUBJECT TO THE STL TERMS AND CONDITIONS OF SALE (SHORT FORM) UNLESS ALTERNATE TERMS ARE AGREED IN WRITING

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
Saman Gajjar	STL	9/29/06	above				
Saman Gajjar	STL	9/29/06	3:30				

COMMENTS

NO Soluble metals on Maxmax 304 S W P
Field Service Time - 3 people on 9/25/06, ONE on 9/27/06 + ONE on 9/29/06
Total = 30 hours

315 Fullerton Avenue
Newburgh, NY 12550
TEL (845) 562-0890
FAX (845) 562-0841

CHAIN OF CUSTODY

**SEVERN
TRENT**

CUSTOMER NAME CS ENGINEERS INC
ADDRESS Salmon Meadows Road, Suite 185
CITY, STATE, ZIP 301 Plainville Road, Syracuse, NY 13213
NAME OF CONTACT Mr. Youngman PHONE NO. (315) 241-7247
PROJECT LOCATION Orange County Landfill
PROJECT NUMBER PGNO
Year 2006 / Sampling

REPORT # (Lab Use Only) 7742
SAMPLE TEMP. 16.0
SAMPLE REC'D ON ICE Y N
pH CHECK Y N
CHLORINE (RESIDUAL) Y N
REVIEWED BY: _____
NY PUBLIC WATER SUPPLIES
SOURCE ID _____
ELRP TYPE _____
FEDERAL ID _____

REPORT TYPE
STANDARD ☐ ISRA ☐
NJ REG ☐
NYASP A ☐ B ☐ CLP ☐
OTHER _____
TURNAROUND
☐ NORMAL
☐ QUICK
☐ VERBAL

Matrix
DW = DRINKING WATER S = SOIL O = OIL
WW = WASTE WATER SL = SLUDGE GW = GROUND WATER

NOTE: SAMPLE TEMPERATURE UPON
RECEIPT MUST BE 4° ± 2°C.

STL #	SAMPLING DATE	TIME	AM	PM	COMB	GAB	MATRIX	CLIENT I.D.	ANALYSIS REQUESTED
4/25/06	10:30				X	G	W	MW # 221 S	6 NYCRR Parks 360 Baseline
"	10:35				X	G	W	MW # 221 D	Soluble Parameters & Soluble
"	11:28				X	G	W	MW # 245 S	metals,
"	11:43				X	G	W	MW # 245 D	
"	12:10				X	G	W	MW # 220	
"	12:29				X	G	W	MW # 222	
"	12:53				X	G	W	MW # 3 B	
"	3:15				X	G	W	MW # 230 D	
"	2:35				X	G	W	MW # 230 S	
"	3:35				X	G	W	MW # 233 S	
"	3:59				X	G	W	MW # 233 D	

SAMPLES SUBMITTED FOR ANALYSIS WILL BE SUBJECT TO THE STL TERMS AND CONDITIONS OF SALE (SHORT FORM) UNLESS ALTERNATE TERMS ARE AGREED IN WRITING

RELINQUISHED BY	DATE	TIME	COMPANY	RECEIVED BY	DATE	TIME	COMPANY
SAMPLED BY <u>Severn Trent</u>	4/25/06	5:45	CS ENGINEERS INC	RECEIVED BY <u>Severn Trent</u>	4/25/06	5:45	CS ENGINEERS INC
RELINQUISHED BY <u>Severn Trent</u>	4/25/06	5:45	CS ENGINEERS INC	RECEIVED BY <u>Severn Trent</u>	4/25/06	5:45	CS ENGINEERS INC

COMMENTS Did MW # 223 instead of MW # 222 which was flooded with stagnant water.

CUSTOMER NAME	CAS ENGINEERS INC
ADDRESS	301 PLAINFIELD ROAD
CITY STATE ZIP	SYRACUSE NY 13213
NAME OF CONTACT	SEAN YOUNGMAN (845) 291 2242
PROJECT LOCATION	ORANGE (COUNTY LAN) FULL
PROJECT NUMBER	PONO 7498 2006 / Summer

NOTE: SAMPLE TEMPERATURE UPON RECEIPT MUST BE $4^{\circ} \pm 2^{\circ}\text{C}$.

REPORT TYPE	TURNAROUND
STANDARD ☐ ISRA ☐	NORMAL
NJ REG ☐	QUICK
NYASP A ☐ B ☐ CLP ☐	VERBAL
OTHER	

Matrix DW = DRINKING WATER S = SOIL O = OIL W = WASTE WATER SL = SLUDGE GW = GROUND WATER	REPORT # (Lab Use Only) 17742 SAMPLE TEMP. _____ °C SAMPLE REC'D ON ICE Y _____ N _____ pH CHECK Y _____ N _____ CHLORINE (RESIDUAL) Y _____ N _____ REVIEWED BY: _____
NY PUBLIC WATER SUPPLIES SOURCE ID _____ ELRP TYPE _____ FEDERAL ID _____	

Matrix
 DW = DRINKING WATER S = SOIL O = OIL
 WW = WASTE WATER SL = SLUDGE GW = GROUND WATER

[illegible]

STL # / DATE TIME AM PM
COM 59A MATRIX
CLIENT I.D.

9/25/06	100	XGW	SW # 8	B 3 1	2 1 3	1 2	6 NYCRR Parts 360 BASELINE
" "	136	XGW	SW # 5	B 3 1	2 1 3	1 2	Parameters & Schedule metrics
9/25/06	740	XGW	Tap Blows	2 2			"

SAMPLES SUBMITTED FOR ANALYSIS WILL BE SUBJECTED TO THE STANDARD CONDITIONS OF SALE (SHORT FORM) UNLESS ALTERNATE TERMS ARE AGREED IN WRITING

[illegible]

COMMENTS

WEATHER: Sunny 60° GROUNDWATER SAMPLING RECORD

Spec: Orange County L.F.
 Well ID: MW #2455
 Sample: OKA KMA MB

Temp:	pH:	Turb:	Et:	Spec Cond:	Time:	Date:
18.9	8.07	65	527	240	10:05	9/25/06
19.0	8.26	82	545	268	10:14	9/25/06

PURGING METHOD: Submersible
 Volume of Water Removed: 4.6 gal
5 Gall out

Depth of Well from top of casing: 25
 Static water level from top of casing: 15.4
 Water level before sampling from top of casing: 15.5

Site: Orange County
 Well ID: MW #2455
 Sample: OKA KMA MB

Temp:	pH:	Turb:	Et:	Spec Cond:	Time:	Date:
22.7	8.12	31	174	385	10:35	9/25/06
17.6	8.45	82	437	276	10:55	9/25/06

PURGING METHOD: Submersible
 Volume of Water Removed: 17.8 gal
30 Gall out

Depth of Well from top of casing: 540
 Static water level from top of casing: 17.4
 Water level before sampling from top of casing: 22.7

Site: Orange County
 Well ID: MW #2455
 Sample: OKA KMA MB

Temp:	pH:	Turb:	Et:	Spec Cond:	Time:	Date:
16.6	9.14	1000	531	267	11:10	9/25/06
19.0	8.76	450	515	277	11:20	9/25/06

PURGING METHOD: Submersible
 Volume of Water Removed: 8.6 gal
10 Gall out

Depth of Well from top of casing: 47
 Static water level from top of casing: 29
 Water level before sampling from top of casing: 29.2

Site: Orange County
 Well ID: MW #2455
 Sample: OKA KMA MB

Temp:	pH:	Turb:	Et:	Spec Cond:	Time:	Date:
13.5	8.97	50	289	263	11:17	9/25/06
14.5	8.59	850	294	286	11:37	9/25/06

PURGING METHOD: Submersible
 Volume of Water Removed: 2.7 gal
25 Gall out

Depth of Well from top of casing: 81
 Static water level from top of casing: 31.7
 Water level before sampling from top of casing: 31.9

Site: Orange County
 Well ID: MW #2455
 Sample: OKA KMA MB

Temp:	pH:	Turb:	Et:	Spec Cond:	Time:	Date:
13.5	8.97	50	289	263	11:17	9/25/06
14.5	8.59	850	294	286	11:37	9/25/06

2" well

0.163

PH CALIBERATED 9.40

Sample taken: 10:30

2" well

0.163

Sample taken 10:59

2" well

0.163

Sample taken 11:28

2" well

0.163

Sample taken 11:43

GROUNDWATER SAMPLING RECORD

2" well
0.163

Site: Orange County
Well ID: MW # 220
Sample: ORA-KW-183

Time	pH	Turb	Sp. Cond.	Time	Date
Initial: 16.8	8.61	5.5	281	11.55	9/25/06
3 Volume: 18.3	8.35	17	285	12.02	9/25/06

VOLUME OF WATER REMOVED
1.8 GAL
5.6 - 2.3 vol. test
6 Gall out

Purged day? yes

PURGING METHOD:
☒ Baller
☐ Submersible

Depth of Well (from top of casing): 30
State of water level (from top of casing): 18.4
Water level before sampling (from top of casing): 20.1

Sample taken 12:10

Site: Orange County
Well ID: MW # 220
Sample: ORA-KW-183

Time	pH	Turb	Sp. Cond.	Time	Date
Initial: 17.6	8.59	38	237	12.16	9/25/06
3 Volume: 18.0	8.89	45	168	12.24	9/25/06

VOLUME OF WATER REMOVED
2.3 GAL
7.1 - 2.3 volumes
10 Gall out

Purged day? yes

PURGING METHOD:
☒ Baller
☐ Submersible

Depth of Well (from top of casing): 32
State of water level (from top of casing): 17.4
Water level before sampling (from top of casing): 20.4

Sample taken 12:29

Site: Orange County
Well ID: MW # 220
Sample: ORA-KW-183

Time	pH	Turb	Sp. Cond.	Time	Date
Initial: 15.6	9.38	39	183	12.37	9/25/06
3 Volume: 15.0	9.14	15	215	12.48	9/25/06

VOLUME OF WATER REMOVED
4.1 GAL
12.3 - 2.3 volumes
13 Gall out

Purged day? yes

PURGING METHOD:
☒ Baller
☐ Submersible

Depth of Well (from top of casing): 52
State of water level (from top of casing): 26.7
Water level before sampling (from top of casing): 27.4

Sample taken 12:53

Site: Orange County
Well ID: MW # 220
Sample: ORA-KW-183

Time	pH	Turb	Sp. Cond.	Time	Date
Initial: 20.3	8.09	109	113	2.01	9/25/06
3 Volume: 13.4	7.99	18	236	2.27	9/25/06

VOLUME OF WATER REMOVED
8.7 GAL
26 - 2.3 vol. test
30 Gall out

Purged day? yes

PURGING METHOD:
☒ Baller
☐ Submersible

Depth of Well (from top of casing): 68.6
State of water level (from top of casing): 15.2
Water level before sampling (from top of casing): 16.25

Sample taken 2:35

GROUNDWATER SAMPLING RECORD

2" well

Site: Orange County
Well ID: MW # 2333
Sample: 2333-1

Initial	Temp	pH	Turb	Etc	Spec Cond	Time	Date
15.6	8.0	5.80	55	5.80	242	3:24	9/25/68
14.4	8.00	5.80	15	5.80	254	3:31	

PURGING METHOD: ☒ Bailor ☐ Submersible
VOLUME OF WATER REMOVED: 1.4 GAL
41.3 3 volumes
5 Gall out

Depth of Well (from top of casing): 20
State of water level (from top of casing): 11.1
Water level before sampling (from top of casing): 11.1

Sample taken 3:35

Site: Orange County
Well ID: MW # 2333
Sample: 2333-2

Initial	Temp	pH	Turb	Etc	Spec Cond	Time	Date
15.4	8.44	6.53	18	6.53	234	3:20	9/25/68
17.8	8.27	6.42	22	6.42	210	3:42	

PURGING METHOD: ☐ Bailor ☐ Submersible
VOLUME OF WATER REMOVED: 14.4 GAL
43.4 3 volumes
45 Gall out

Depth of Well (from top of casing): 105
State of water level (from top of casing): 16.10
Water level before sampling (from top of casing): 22.0

Sample taken 3:59

MW # 2333 was flooded with stagnant water. No did this well instead.

Initial	Temp	pH	Turb	Etc	Spec Cond	Time	Date

PURGING METHOD: ☐ Bailor ☐ Submersible
VOLUME OF WATER REMOVED: 0 GAL
0 3 volumes

Depth of Well (from top of casing):
State of water level (from top of casing):
Water level before sampling (from top of casing):

Initial	Temp	pH	Turb	Etc	Spec Cond	Time	Date

PURGING METHOD: ☐ Bailor ☐ Submersible
VOLUME OF WATER REMOVED: 0 GAL
0 3 volumes

Depth of Well (from top of casing):
State of water level (from top of casing):
Water level before sampling (from top of casing):

Purged dry? ☐ yes ☐ no

Purged dry? ☐ yes ☐ no

GROUNDWATER SAMPLING RECORD

2" well

Site: Orange County, CA
Well ID: MW 0230
Sampler: J. K. Jones

Initial	Temp	pH	Turb	Eh	Spec Cond	Time	Date
13.1	15.4	8.70	15	230	1064	1.57	9/25/06
13.1	13.1	7.82	13	409	208	2.05	9/25/06

PURGING METHOD: ☒ Bail ☐ Submersible
 VOLUME OF WATER REMOVED: 19.8 GAL
 59.5 > 3 volumes
 60 Gall out

Purged dry? ☒ yes ☐ no

Depth of Well (from top of casing): 139.5
 Static water level (from top of casing): 17.7
 Water level before sampling (from top of casing): 46.2

Sample taken: 3:15

Site: Orange County, CA
Well ID: MW 0230
Sampler: J. K. Jones

Initial	Temp	pH	Turb	Eh	Spec Cond	Time	Date
13.1	15.4	8.70	15	230	1064	1.57	9/25/06
13.1	13.1	7.82	13	409	208	2.05	9/25/06

PURGING METHOD: ☐ Bail ☐ Submersible
 VOLUME OF WATER REMOVED: ☐ GAL
 > 3 volumes

Purged dry? ☐ yes ☐ no

Depth of Well (from top of casing):
 Static water level (from top of casing):
 Water level before sampling (from top of casing):

Water Level 16.38

Site: Orange County, CA
Well ID: MW 0230
Sampler: J. K. Jones

Initial	Temp	pH	Turb	Eh	Spec Cond	Time	Date
13.1	15.4	8.70	15	230	1064	1.57	9/25/06
13.1	13.1	7.82	13	409	208	2.05	9/25/06

PURGING METHOD: ☐ Bail ☐ Submersible
 VOLUME OF WATER REMOVED: ☐ GAL
 > 3 volumes

Purged dry? ☐ yes ☐ no

Depth of Well (from top of casing):
 Static water level (from top of casing):
 Water level before sampling (from top of casing):

Water Level 13.60

Site: Orange County, CA
Well ID: MW 0230
Sampler: J. K. Jones

Initial	Temp	pH	Turb	Eh	Spec Cond	Time	Date
13.1	15.4	8.70	15	230	1064	1.57	9/25/06
13.1	13.1	7.82	13	409	208	2.05	9/25/06

PURGING METHOD: ☐ Bail ☐ Submersible
 VOLUME OF WATER REMOVED: ☐ GAL
 > 3 volumes

Purged dry? ☐ yes ☐ no

Depth of Well (from top of casing):
 Static water level (from top of casing):
 Water level before sampling (from top of casing):

Water Level 9.5

GROUNDWATER SAMPLING RECORD

Weather: Foggy 52°
 Site: Orange County
 Well ID: MW # 2233
 Samples: 2233-1

Temp	pH	Turb	EC	Spec Cond	Time	Date
9.7	7.27	5.5	6.81	184	8:28	9/27/06
10.5	7.22	2.8	8.57	185	8:56	

VOLUME OF WATER REMOVED
 8.1 GAL
 24.3 volume
 25 Gall out

PURGING METHOD:
 Bailor
 Submersible

Depth of Well (from top of casing): 66.2
 State of water level (from top of casing): 16.4
 Water level before sampling (from top of casing): 16.4

Temp	pH	Turb	EC	Spec Cond	Time	Date
11.6	7.13	6.9	6.77	180	9:15	9/27/06
12.2	7.14	7.2	6.78	189	9:34	

VOLUME OF WATER REMOVED
 0.0 GAL
 3 volume

PURGING METHOD:
 Bailor
 Submersible

Depth of Well (from top of casing): 16.4
 State of water level (from top of casing):
 Water level before sampling (from top of casing):

Temp	pH	Turb	EC	Spec Cond	Time	Date
11.9	7.58	5	4.95	186	9:35	9/27/06
12.8	7.01	1.9	6.50	231	10:05	

VOLUME OF WATER REMOVED
 11.7 GAL
 35 volume
 35 Gall out

PURGING METHOD:
 Bailor
 Submersible

Depth of Well (from top of casing): 88.5
 State of water level (from top of casing): 18.5
 Water level before sampling (from top of casing): 16.5

Temp	pH	Turb	EC	Spec Cond	Time	Date
13.2	7.60	1.0	5.26	231	10:27	9/27/06
14.1	7.44	3.5	5.21	238	10:52	

VOLUME OF WATER REMOVED
 6.6 GAL
 14.3 volume
 20 Gall out

PURGING METHOD:
 Bailor
 Submersible

Depth of Well (from top of casing): 59
 State of water level (from top of casing): 18.2
 Water level before sampling (from top of casing): 18.0

2" well
 0.163

PH CALIBERATED 8:30
 Sample taken 9:00

m.s. Sample taken 9:17
 m.s. Sample taken 9:36

Sample taken 10:10

Sample taken 10:55

GROUNDWATER SAMPLING RECORD

Site: Orange County
Well ID: MW #2073A
Sampler: AKA

Initial	Temp	pH	Turb	Ex	Spec Cond	Time	Date
14.5	7.12	0.00	5.21	11:00	9/27/06		

PURGING METHOD: Submersible
Bailer: NO
Purged dry? NO

Depth of Well (from top of casing): 18.0
State of water level (from top of casing):
Water level before sampling (from top of casing):

Sample taken 11:07

Site: Orange County
Well ID: MW #2073A
Sampler: AKA

Initial	Temp	pH	Turb	Ex	Spec Cond	Time	Date
16.1	7.81	3.9	5.42	11:14	9/27/06		
15.3	7.80	3.9	6.07	11:22	9/27/06		

PURGING METHOD: Submersible
Bailer: NO
Purged dry? NO

Depth of Well (from top of casing): 25
State of water level (from top of casing): 17.5
Water level before sampling (from top of casing): 17.2

Sample taken 11:31

Site: Orange County
Well ID: MW #2073B
Sampler: AKA

Initial	Temp	pH	Turb	Ex	Spec Cond	Time	Date
18.0	7.92	0.00	7.37	12:14	9/27/06		
18.6	7.92	0.00	7.05	12:14	9/27/06		

PURGING METHOD: Submersible
Bailer: NO
Purged dry? NO

Depth of Well (from top of casing): 74.5
State of water level (from top of casing): 18.0
Water level before sampling (from top of casing): 51.0

Sample taken 12:19

Site: Orange County
Well ID: MW #2073C
Sampler: AKA

Initial	Temp	pH	Turb	Ex	Spec Cond	Time	Date
16.0	6.44	3.7	5.34	12:23	9/27/06		
17.1	6.72	3.7	5.40	12:29	9/27/06		

PURGING METHOD: Submersible
Bailer: NO
Purged dry? NO

Depth of Well (from top of casing): 27.2
State of water level (from top of casing): 17.4
Water level before sampling (from top of casing): 17.2

Sample taken 12:33

GROUNDWATER SAMPLING RECORD

2" well

Site: Orange County
 Well ID: MW #3045
 Sample: data

Temp	pH	Turb	Etc	Spec Cond	Time	Date
20.0	7.43	500	855	254	1:30	9/27/06
21.3	7.01	572	721	250	1:35	9/27/06

PURGING METHOD:

Boiler ☒
 Submersible ☒

0.5 GAL

VOLUME OF WATER REMOVED
 1.5 - 2 gallons

Free product NO
 Sheen NO
 Odor NO

Depth of Well (from top of casing): 10.16
 Static water level (from top of casing): 6.9
 Water level before sampling (from top of casing): 9.9

Sample taken 1.47

Site: Orange County
 Well ID: MW #3045
 Sample: data

Temp	pH	Turb	Etc	Spec Cond	Time	Date
17.9	7.46	17	634	218	2:10	9/27/06
18.2	7.84	17	532	197	2:40	9/27/06

PURGING METHOD:

Boiler ☒
 Submersible ☒

1.3 GAL

VOLUME OF WATER REMOVED
 2.9 - 3 gallons

Depth of Well (from top of casing): 32.5
 Static water level (from top of casing): 24.5
 Water level before sampling (from top of casing): 24.5

Sample taken 3.01

Site: Orange County
 Well ID: MW #3045
 Sample: data
 Weather: 45° Raining

Temp	pH	Turb	Etc	Spec Cond	Time	Date
17.0	7.73	0.24	481	279	4:30	9/29/06
14.0	7.16	1.00	536	265	10:05	9/29/06

PURGING METHOD:

Boiler ☒
 Submersible ☒

6.2 GAL

VOLUME OF WATER REMOVED
 18.6 - 20 gallons

Depth of Well (from top of casing): 62.3
 Static water level (from top of casing): 24.5
 Water level before sampling (from top of casing): 37.7

PH Calibrated: 8.30
 Sample taken 10.26

Site: Orange County
 Well ID: MW #3045
 Sample: data

Temp	pH	Turb	Etc	Spec Cond	Time	Date
17.2	7.82	19.2	558	181	12:35	9/29/06
14.4	7.63	0.00	474	205	12:44	9/29/06

PURGING METHOD:

Boiler ☒
 Submersible ☒

4.0 GAL

VOLUME OF WATER REMOVED
 12.0 - 12 gallons

Depth of Well (from top of casing): 41.8
 Static water level (from top of casing): 17.1
 Water level before sampling (from top of casing): 17.4

Sample taken 1.01

GROUNDWATER SAMPLING RECORD

2" well
0.163

Site: Orange County
Well ID: MW # 224-3
Samples: all

Temp	pH	Turb	Etc	Spec Cond	Time	Date
12.3	8.06	0.00	4.6	833	1.05	9/29/06
13.6	7.49	0.00	4.87	837	1.50	9/29/06

PURGING METHOD:
Bailer
☒ Submersible

VOLUME OF WATER REMOVED
11.1 GAL
33.4 >3 volumes
35 Gall out

Depth of Well (from top of casing): 86
State of water level (from top of casing): 17.5
Water level before sampling (from top of casing): 17.5

Free product: Yes
Shear: NO
Odor: NO

Sample taken 1.56

Site: Orange County
Well ID: MW # 224-3
Samples: all

Temp	pH	Turb	Etc	Spec Cond	Time	Date
16.3	7.49	13.8	309	885	8.00	9/29/06
16.3	7.67	12.9	303	856	8.15	9/29/06

PURGING METHOD:
Bailer
☒ Submersible

VOLUME OF WATER REMOVED
1.6 GAL
4.8 >3 volumes
5 Gall out

Depth of Well (from top of casing): 26.0
State of water level (from top of casing): 16.0
Water level before sampling (from top of casing): 16.0

Free product: NO
Shear: NO
Odor: N/A

Sample taken 2.19

Site: Orange County
Well ID: MW # 15
Samples: all

Temp	pH	Turb	Etc	Spec Cond	Time	Date
13.8	6.94	149	1244	282	11.17	9/29/06

PURGING METHOD:
Bailer
☒ Submersible

VOLUME OF WATER REMOVED
GAL
>3 volumes

Depth of Well (from top of casing): 12.4
State of water level (from top of casing):
Water level before sampling (from top of casing):

Free product:
Shear:
Odor:

Water Level 12.4
Sample taken 11.28

Site: Orange County
Well ID: MW # 7
Samples: all

Temp	pH	Turb	Etc	Spec Cond	Time	Date
12.7	7.18	39.6	0	273	11.48	9/29/06

PURGING METHOD:
Bailer
☒ Submersible

VOLUME OF WATER REMOVED
GAL
>3 volumes

Depth of Well (from top of casing): 19.7
State of water level (from top of casing):
Water level before sampling (from top of casing):

Free product:
Shear:
Odor:

Water Level 19.7
Sample taken 12.01

Weather: Sunny 55°

Site: Orange County L.F.
Well ID: 02-18
Samples: 0.163

PURGING METHOD:

Boiler
Submersible

Depth of Well (from top of casing): 30.4
State of water level (from top of casing): 12.1
Water level before sampling (from top of casing): 12.4

Site: Orange County L.F.
Well ID: 02-18
Samples: 0.163

PURGING METHOD:

Boiler
Submersible

Depth of Well (from top of casing): 30.3
State of water level (from top of casing): 16.6
Water level before sampling (from top of casing): 17.0

Site: Orange County L.F.
Well ID: 02-18
Samples: 0.163

PURGING METHOD:

Boiler
Submersible

Depth of Well (from top of casing): 60.0
State of water level (from top of casing): 13.6
Water level before sampling (from top of casing): 12.6

Site: Orange County L.F.
Well ID: 02-18
Samples: 0.163

PURGING METHOD:

Boiler
Submersible

Depth of Well (from top of casing):
State of water level (from top of casing):
Water level before sampling (from top of casing):

GROUNDWATER SAMPLING RECORD

Temp	pH	Turb	Etc	Spec Cond.	Time	Date
14.1	7.50	4.20	7.50	4.4	10:30	10/31/06
13.5	7.20	4.05	7.50	4.0	10:58	10/31/06

VOLUME OF WATER REMOVED

33.6 volumes
35 Gallons

Free product NO
Shoreline NO
Odor NO

Temp	pH	Turb	Etc	Spec Cond.	Time	Date
16.3	6.88	4.21	10.54	4.4	11:22	10/31/06
17.2	6.85	4.32	5.55	4.0	11:34	10/31/06

VOLUME OF WATER REMOVED

1.6 volumes
2 Gallons

Free product NO
Shoreline NO
Odor NO

Temp	pH	Turb	Etc	Spec Cond.	Time	Date
16.5	7.19	7.88	5.60	5.8	11:59	10/31/06
16.6	7.25	5.89	5.80	5.1	12:32	10/31/06

VOLUME OF WATER REMOVED

2.6 volumes
25 Gallons

Free product NO
Shoreline NO
Odor NO

Temp	pH	Turb	Etc	Spec Cond.	Time	Date

VOLUME OF WATER REMOVED

3.3 volumes

Free product
Shoreline
Odor

2" well

0.163

PR Calibrated 10.00

Sample taken 11:05

1" well

0.041

Sample taken 11:42

2" well

0.163

Sample taken 12:37

GROUNDWATER SAMPLING RECORD

Site: Orange County L.F.
Well ID: SW# 8
Sampler: all

Initial:	Temp:	pH:	Turb:	Eh:	Spec Cond:	Time:	Date:
3 Volumes:	14.8	8.49	32	366	208	12:56	9/25/06

PURGING METHOD: Ball
Ball: Submersible

VOLUME OF WATER REMOVED: 0 GAL
0 yes 0 no Purged by: 0 yes 0 no

Depth of Well (from top of casing):
State of water level (from top of casing):
Water level before sampling (from top of casing):

Sample taken: 1.00

Site: Orange County L.F.
Well ID: SW# 5
Sampler: all

Initial:	Temp:	pH:	Turb:	Eh:	Spec Cond:	Time:	Date:
3 Volumes:	27.2	7.52	34	317	238	1:34	9/25/06

PURGING METHOD: Ball
Ball: Submersible

VOLUME OF WATER REMOVED: 0 GAL
0 yes 0 no Purged by: 0 yes 0 no

Depth of Well (from top of casing):
State of water level (from top of casing):
Water level before sampling (from top of casing):

Sample taken 1.36

Site: Orange County L.F.
Well ID: SW# 13
Sampler: all
Weather: Foggy 52°

Initial:	Temp:	pH:	Turb:	Eh:	Spec Cond:	Time:	Date:
3 Volumes:	11.5	7.05	7.5	362	273	7:51	9/27/06

PURGING METHOD: Ball
Ball: Submersible

VOLUME OF WATER REMOVED: 0 GAL
0 yes 0 no Purged by: 0 yes 0 no

Depth of Well (from top of casing):
State of water level (from top of casing):
Water level before sampling (from top of casing):

pl Calibrated 7.42
Sample taken 8.04

Site: Orange County L.F.
Well ID: SW# 38
Sampler: all

Initial:	Temp:	pH:	Turb:	Eh:	Spec Cond:	Time:	Date:
3 Volumes:	1	7	1	1	1	7:30	9/27/06

PURGING METHOD: Ball
Ball: Submersible

VOLUME OF WATER REMOVED: 0 GAL
0 yes 0 no Purged by: 0 yes 0 no

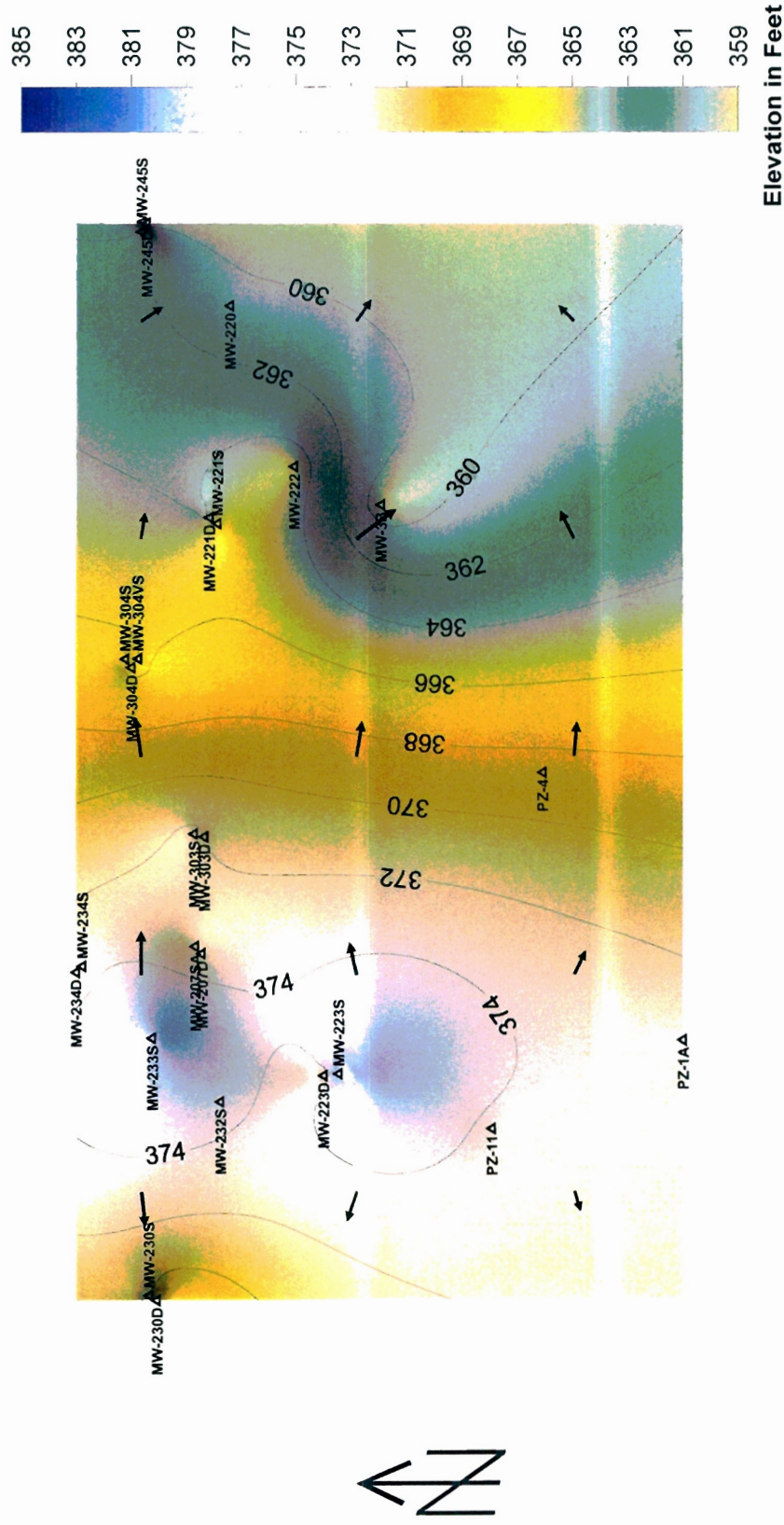
Depth of Well (from top of casing):
State of water level (from top of casing):
Water level before sampling (from top of casing):

Dry
Sample taken: NONE

APPENDIX C
GROUNDWATER CONTOUR MAP

Orange County Landfill Goshen, New York

Groundwater Contour Map September 2006

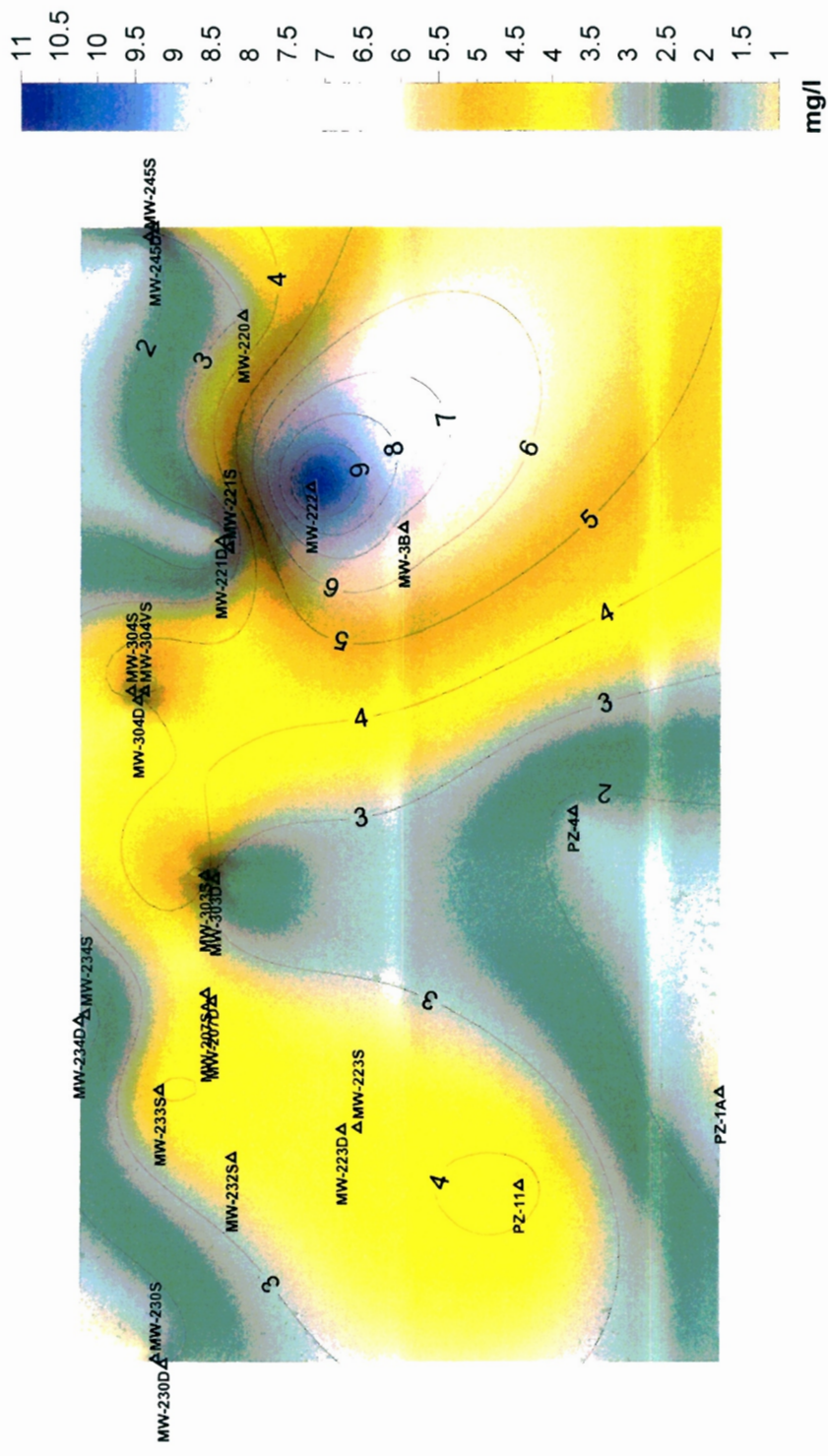


APPENDIX D

ISOPLETH CONCENTRATION MAPS

Orange County Landfill Goshen, New York

TOC Isopleth Map September 2006



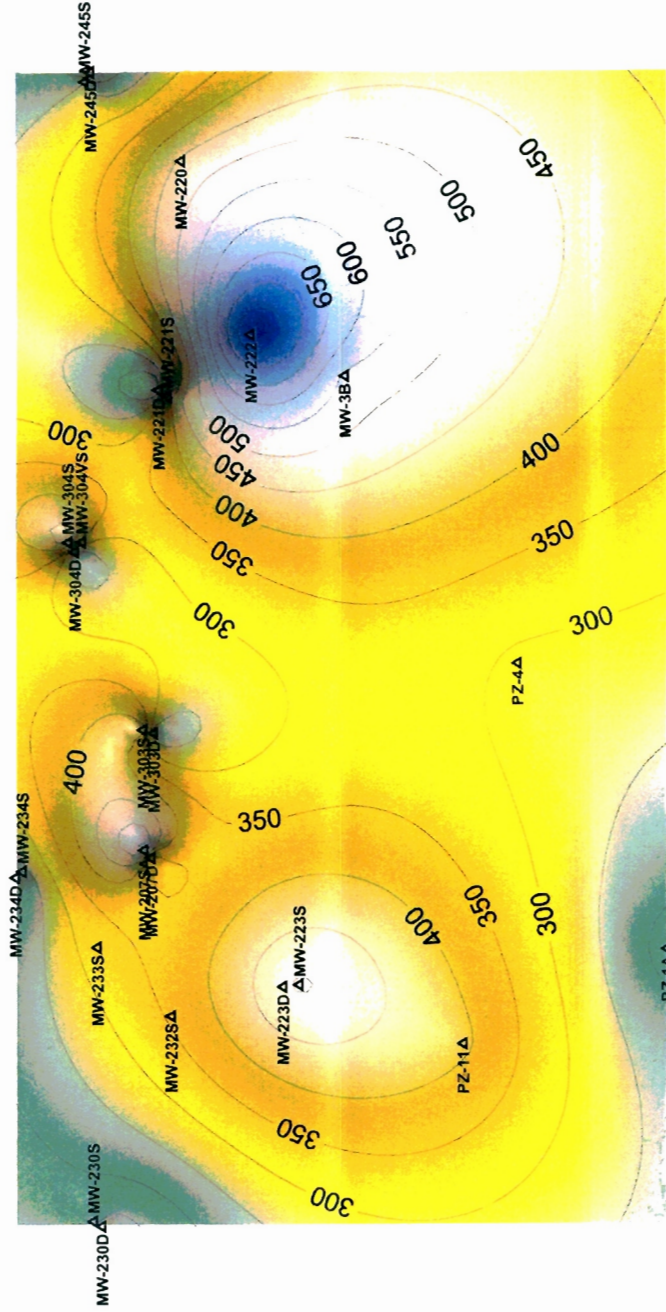
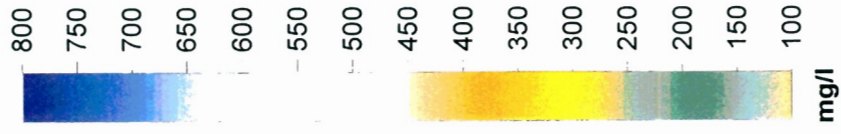
450 Concentration Contour Line

△ MW-304VS △ Monitoring Well Location

Note: Values reported as less than method detection limit are inputted as equal to method detection limits

Orange County Landfill Goshen, New York

Alkalinity Isopleth Map September 2006

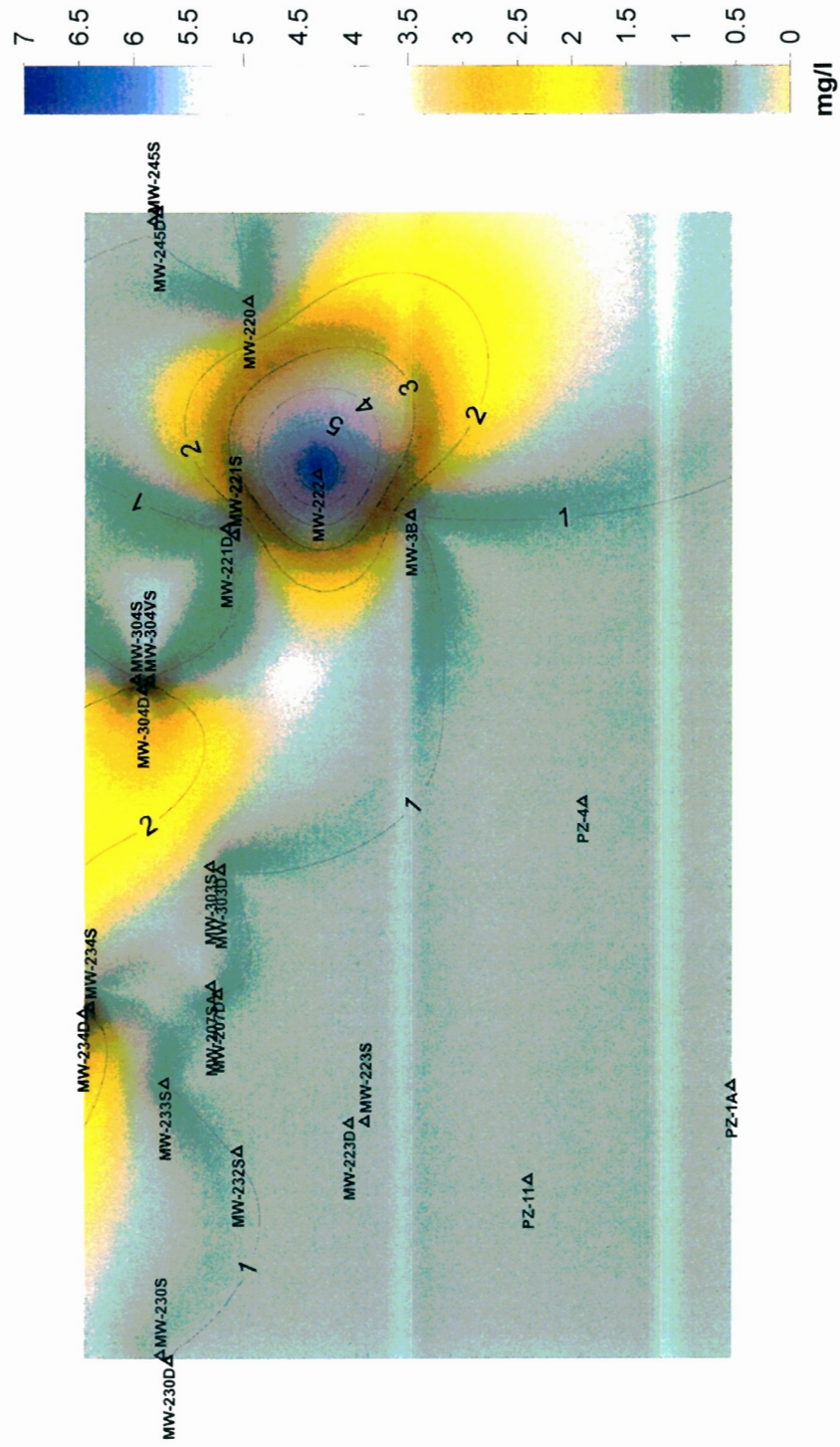


450 ~~~~~ Concentration Contour Line

△ MW-304VS Monitoring Well Location

Note: Values reported as less than method detection limit are inputted as equal to method detection limits

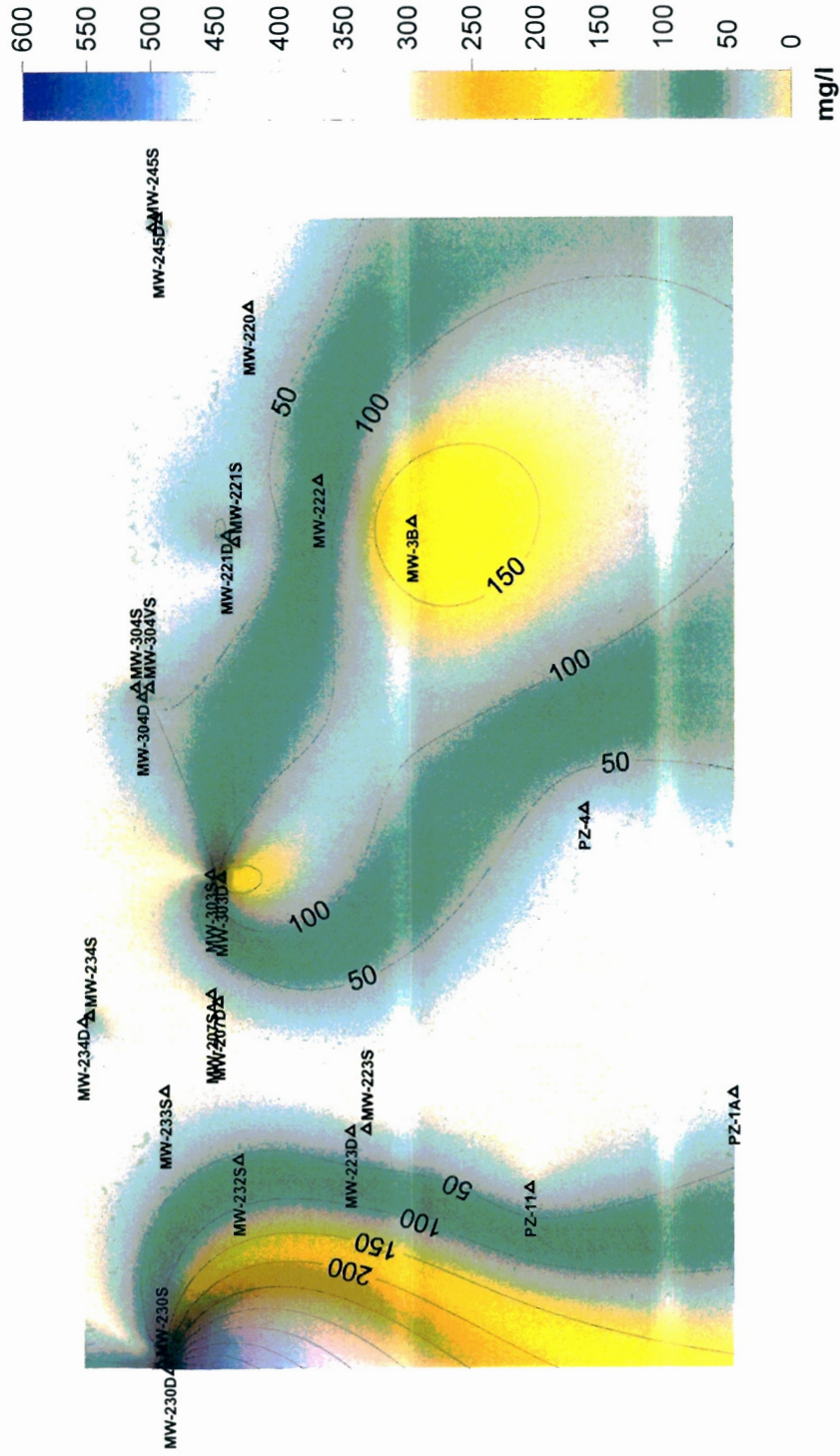
Ammonia Isopleth Map September 2006



Note: Values reported as less than method detection limit are inputted as equal to method detection limits

Orange County Landfill Goshen, New York

Chloride Isopleth Map September 2006



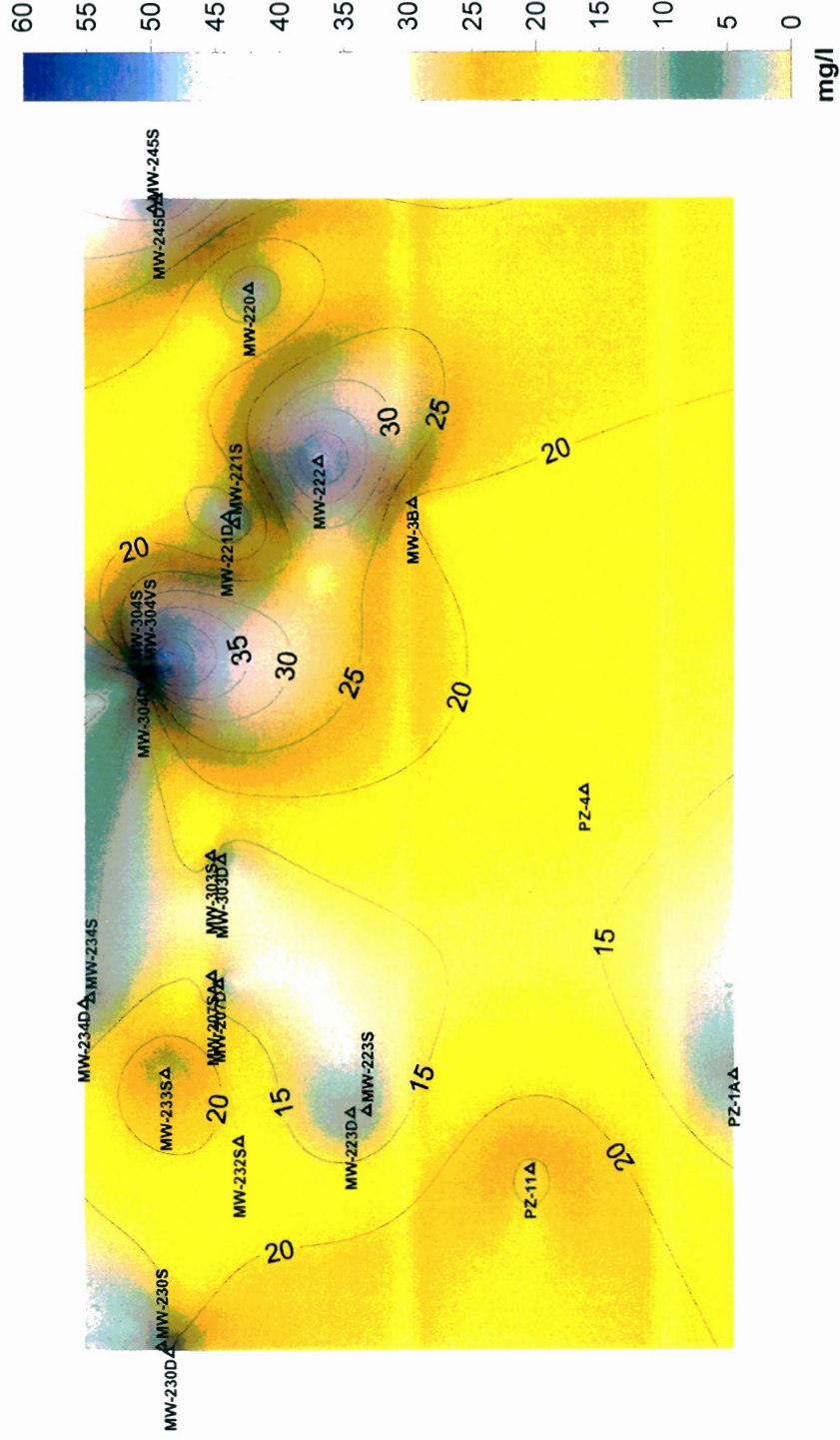
450 Concentration Contour Line

△ MW-304VS Monitoring Well Location

Note: Values reported as less than method detection limit are inputted as equal to method detection limits

Orange County Landfill Goshen, New York

COD Isopleth Map September 2006



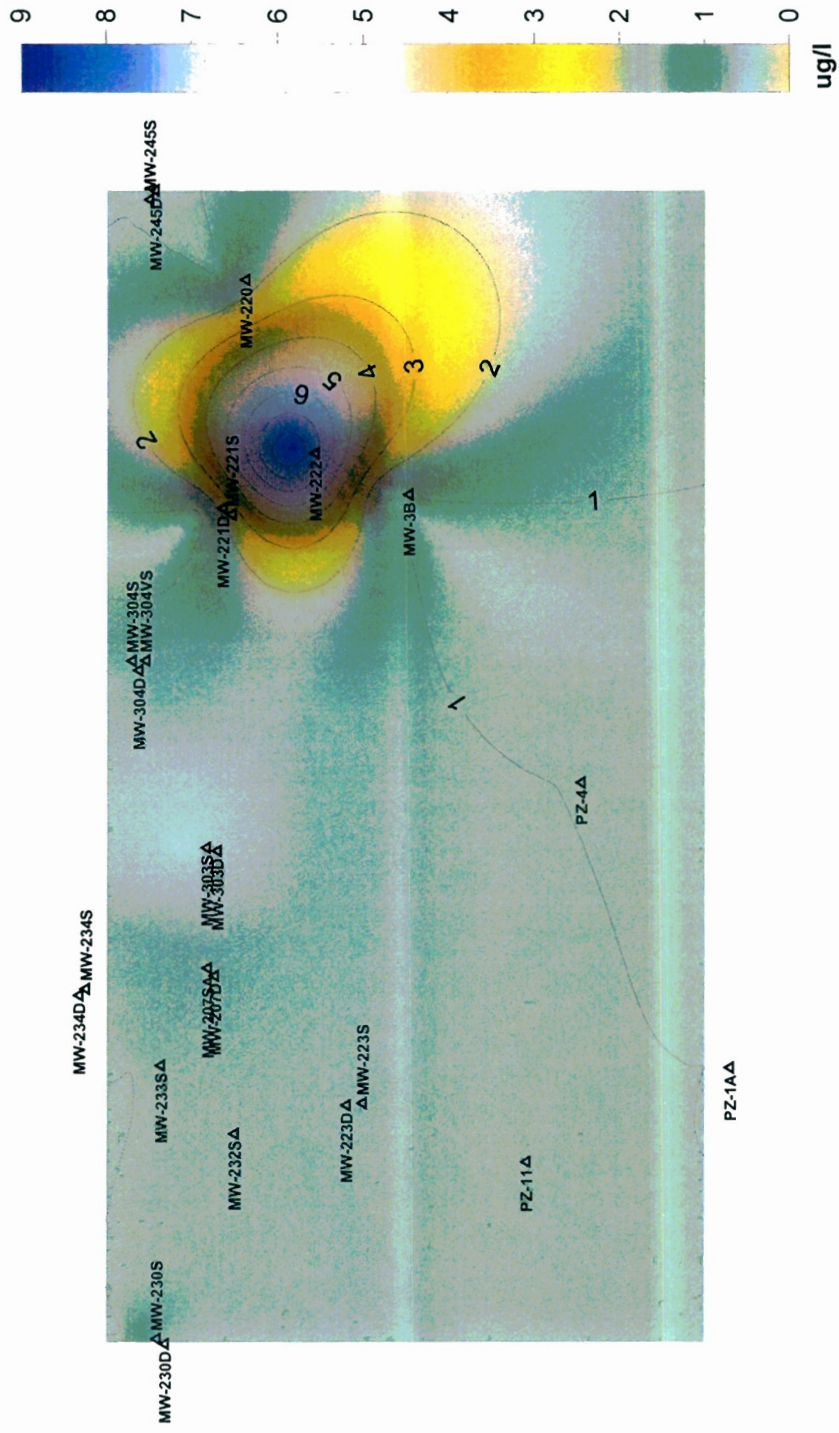
450 Concentration Contour Line

△ MW-304VS Monitoring Well Location

Note: Values reported as less than method detection limit are inputted as equal to method detection limits

Orange County Landfill Goshen, New York

TKN Isopleth Map September 2006

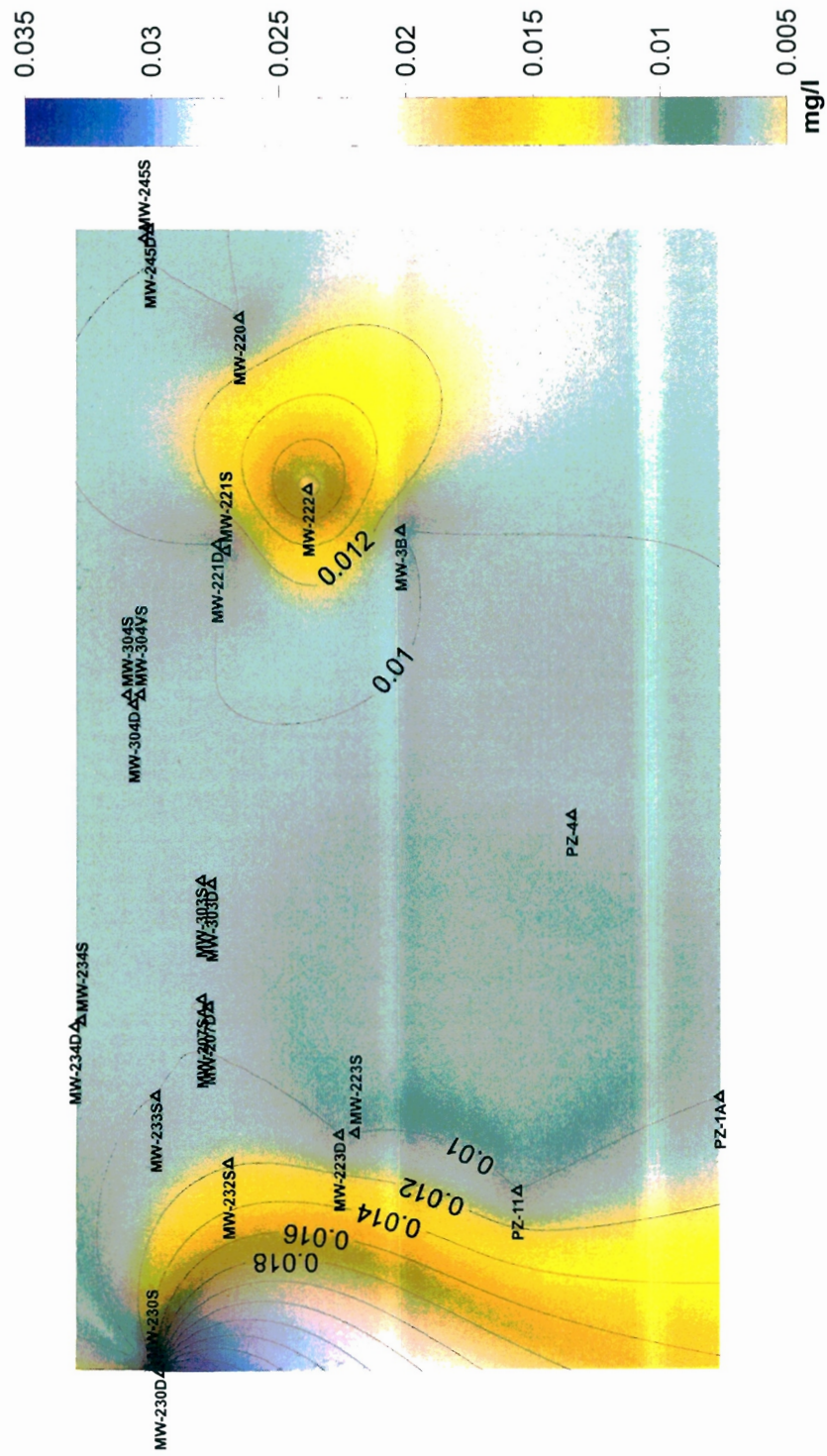


450 Concentration Contour Line

Δ MW-304VS Monitoring Well Location

Note: Values reported as less than method detection limit are inputted as equal to method detection limits

**Orange County Landfill
Goshen, New York**

Phenolics Isopleth Map
September 2006

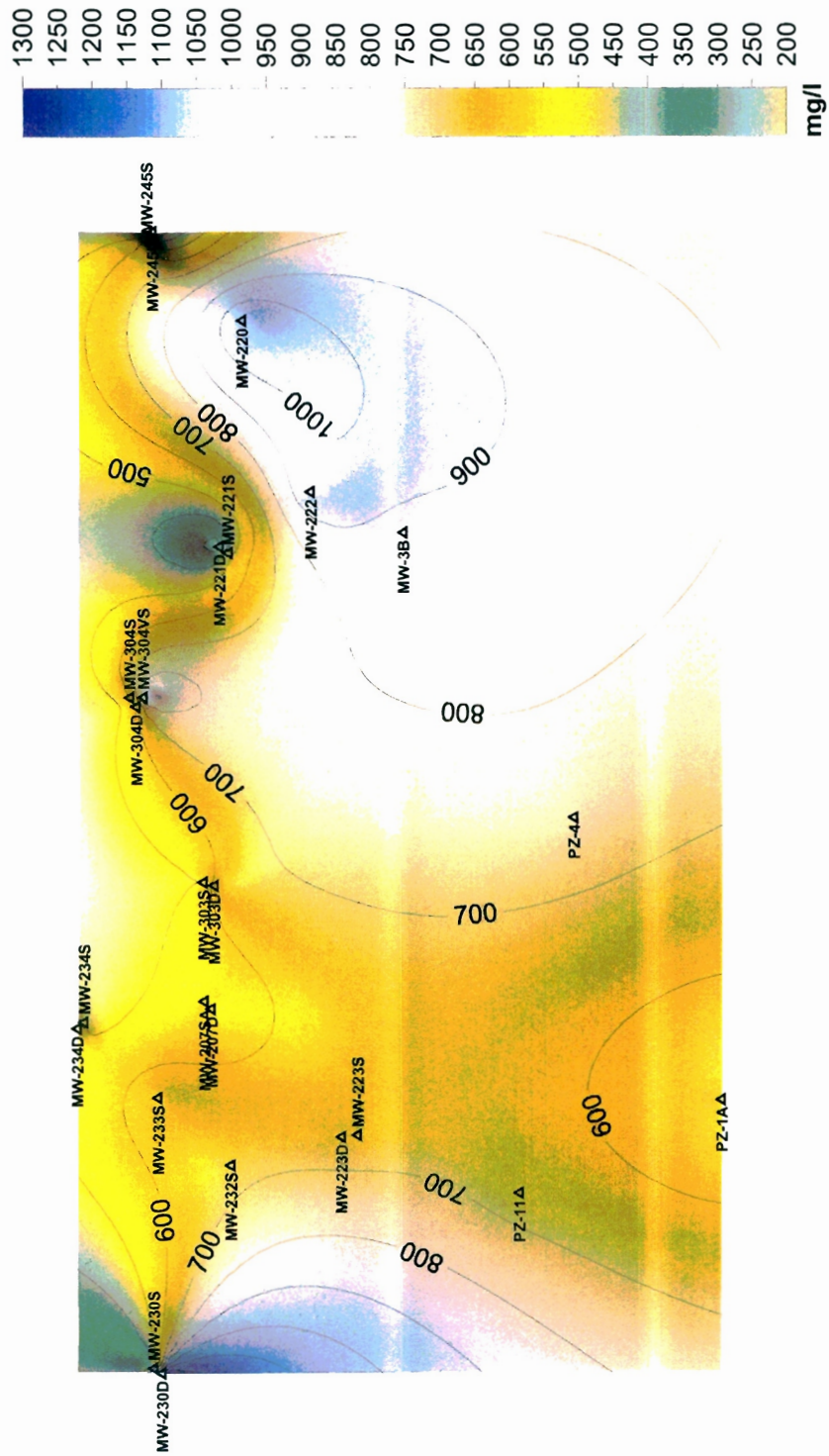
Concentration Contour Line

Δ MW-304VS Monitoring Well Location

Note: Values reported as less than method detection limit are inputted as equal to method detection limits

Orange County Landfill Goshen, New York

Dissolved Solids Isopleth Map September 2006



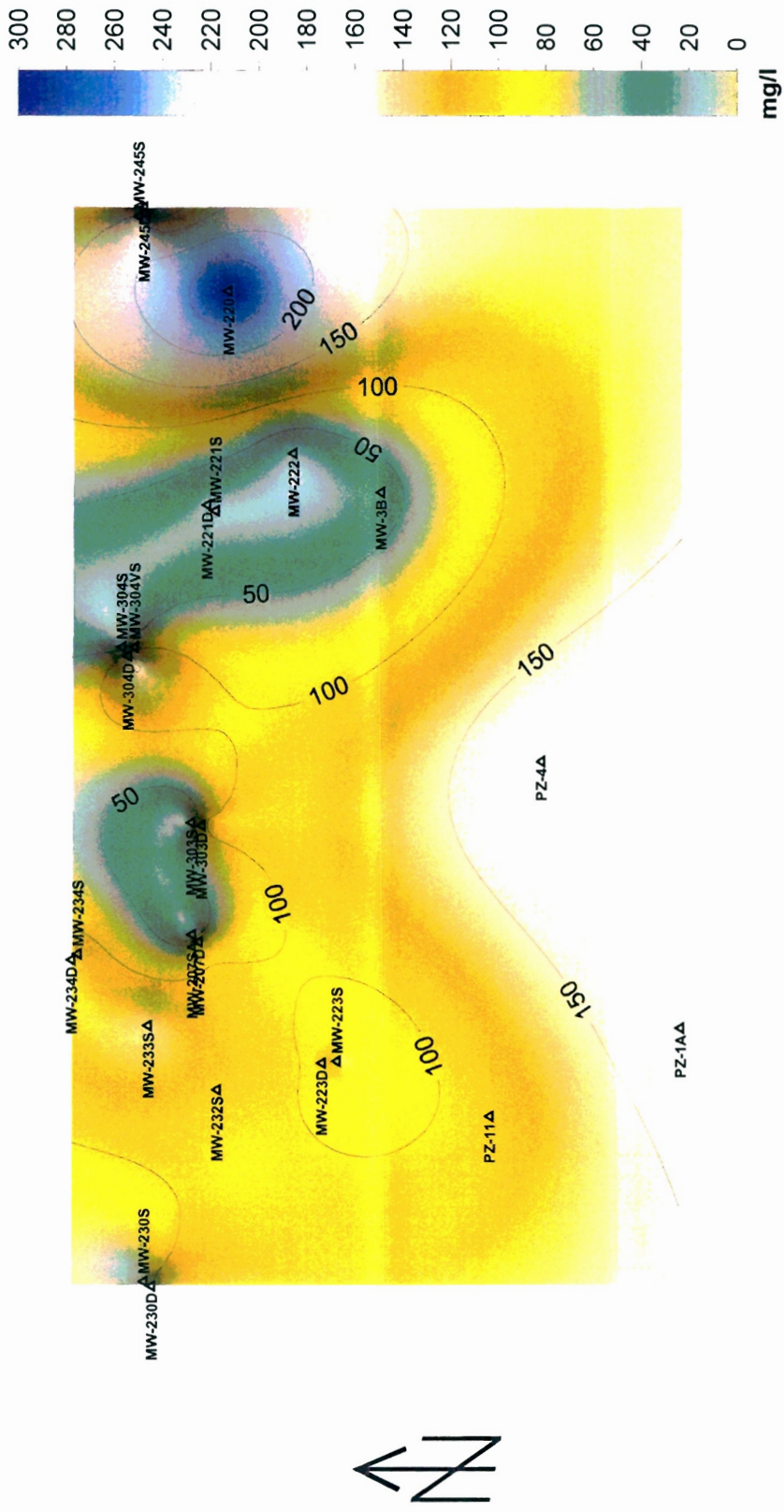
450 Concentration Contour Line

△ MW-304VS Monitoring Well Location

Note: Values reported as less than method detection limit are inputted as equal to method detection limits

Orange County Landfill Goshen, New York

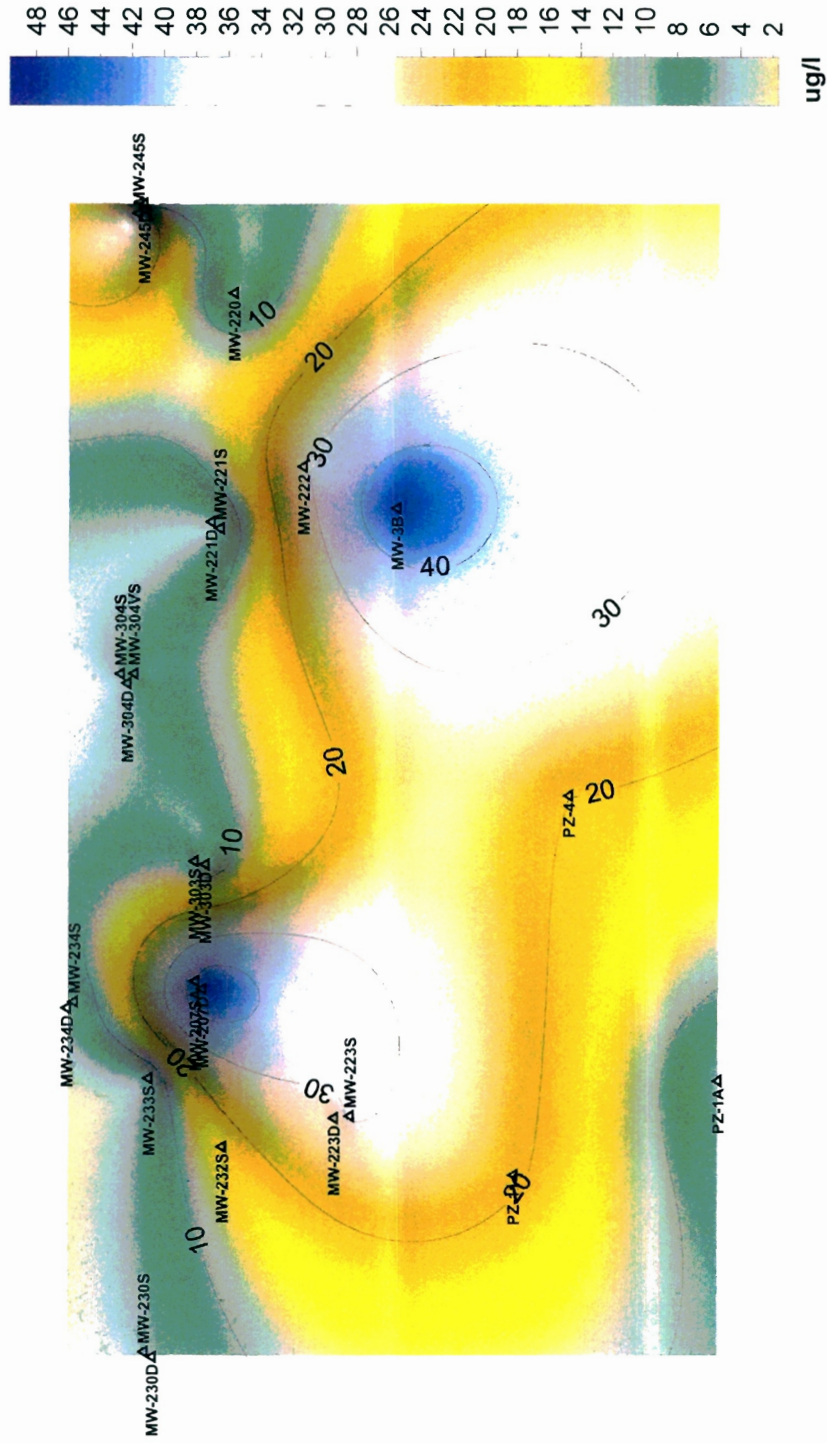
Sulfate as SO4 Isopleth Map September 2006



Note: Values reported as less than method detection limit are inputted as equal to method detection limits

Orange County Landfill Goshen, New York

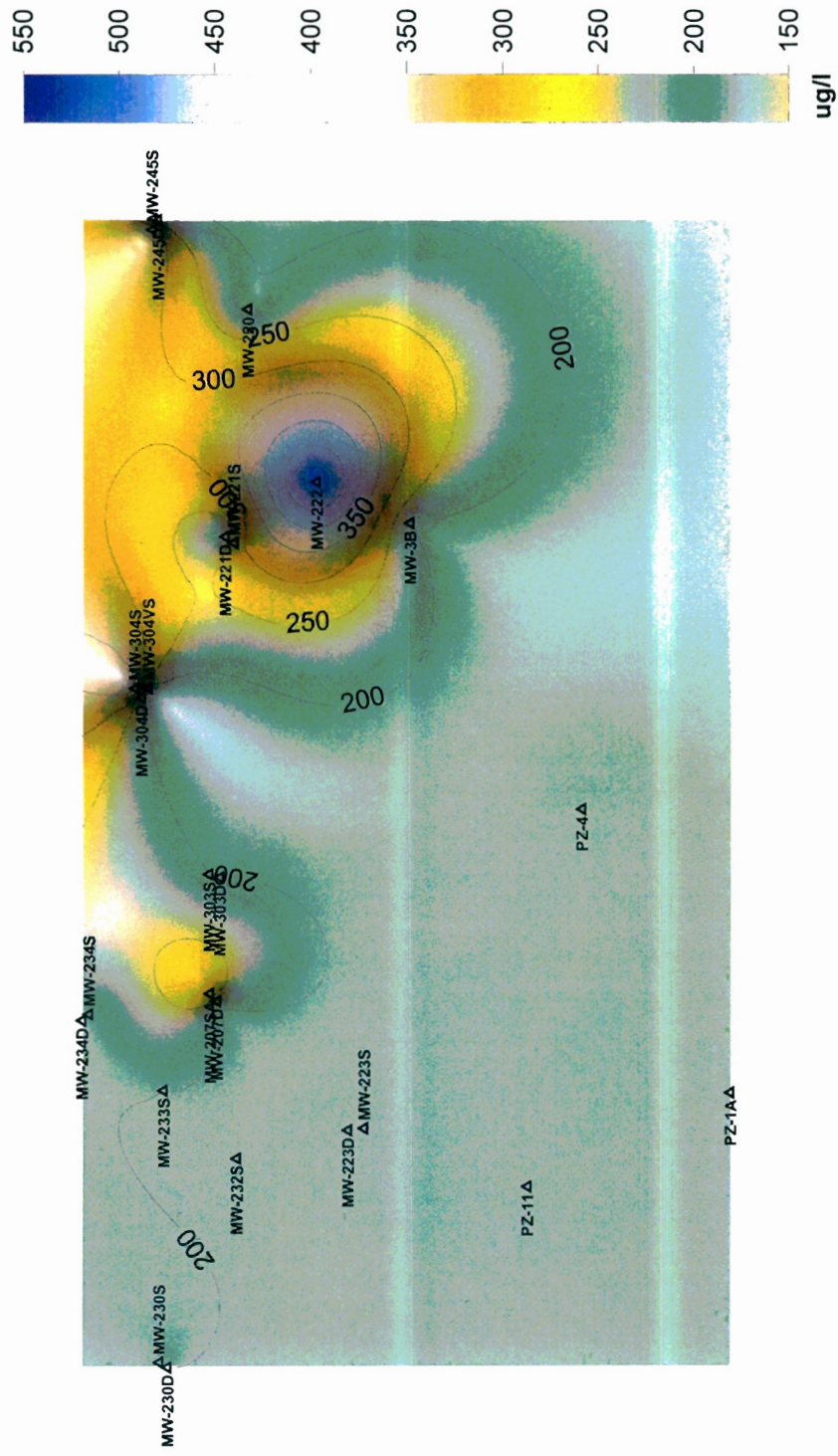
Arsenic Isopleth Map September 2006



Note: Values reported as less than method detection limit are inputted as equal to method detection limits

Orange County Landfill Goshen, New York

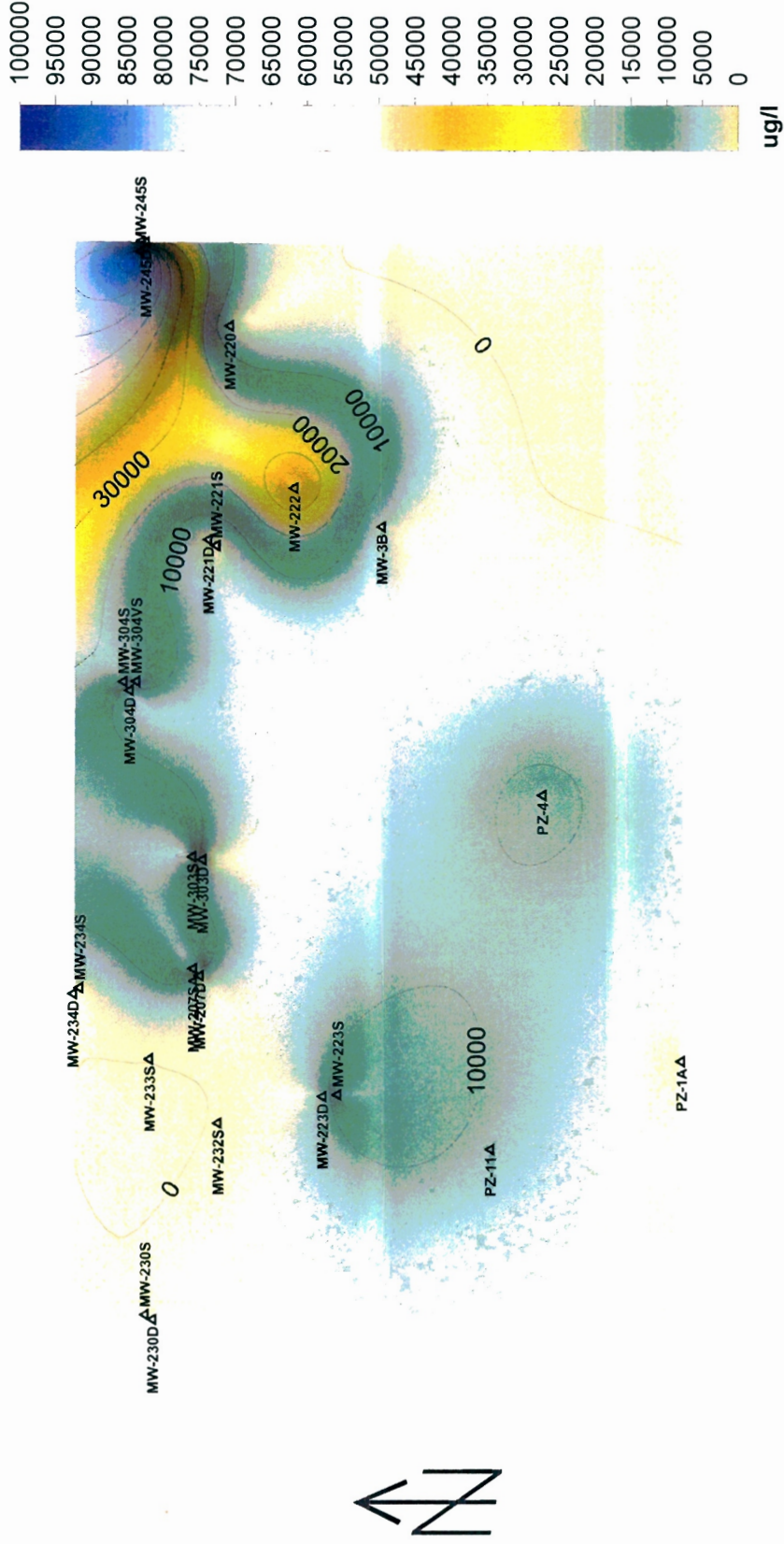
Barium Isopleth Map September 2006



Note: Values reported as less than method detection limit are inputted as equal to method detection limits

Orange County Landfill Goshen, New York

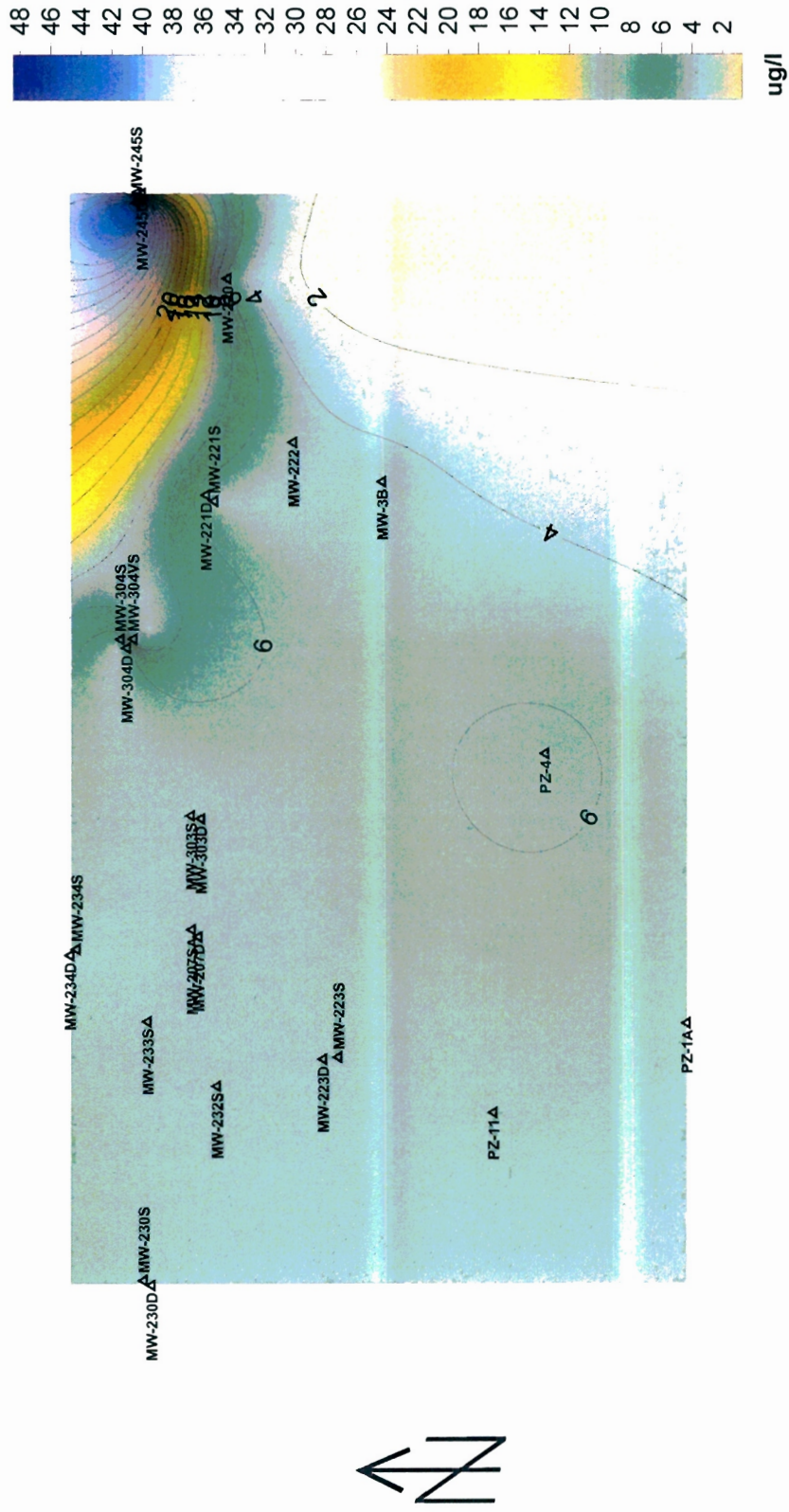
Iron Isopleth Map September 2006



Note: Values reported as less than method detection limit are inputted as equal to method detection limits

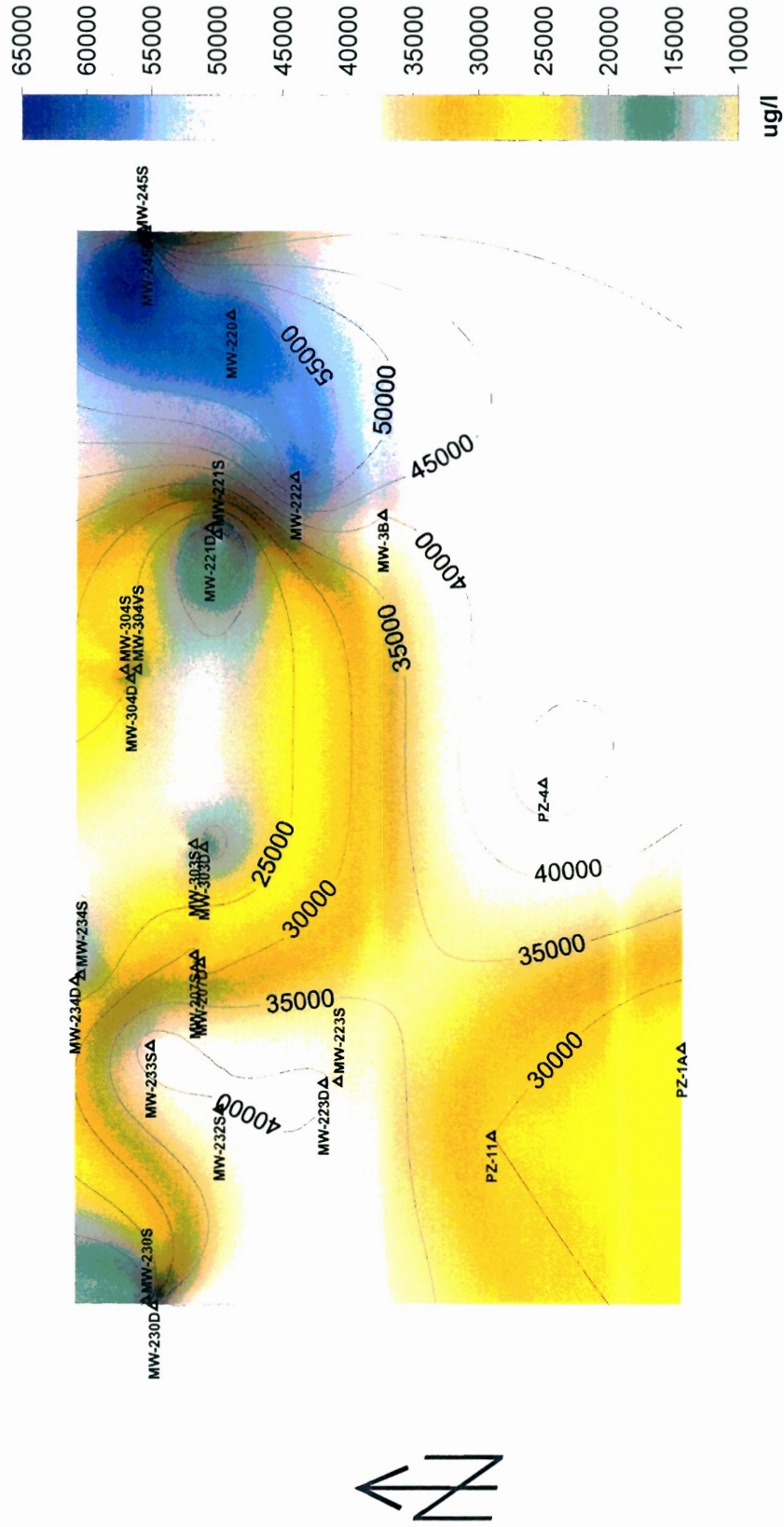
Orange County Landfill Goshen, New York

Lead Isopleth Map September 2006



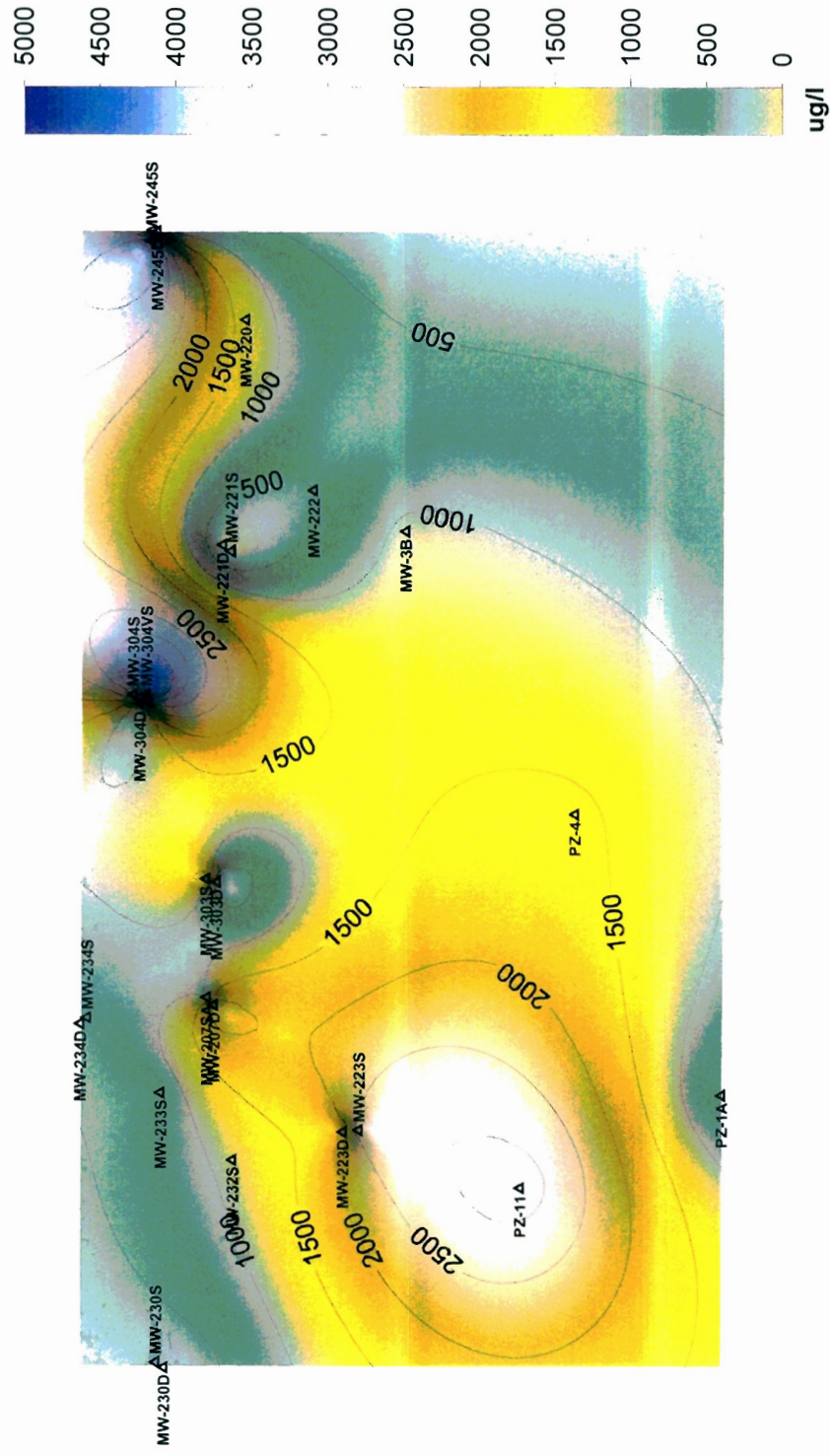
Note: Values reported as less than method detection limit are inputted as equal to method detection limits

Magnesium Isopleth Map September 2006



Note: Values reported as less than method detection limit are inputted as equal to method detection limits

**Manganese Isopleth Map
September 2006**



Note: Values reported as less than method detection limit are inputted as equal to method detection limits

Potassium Isopleth Map September 2006

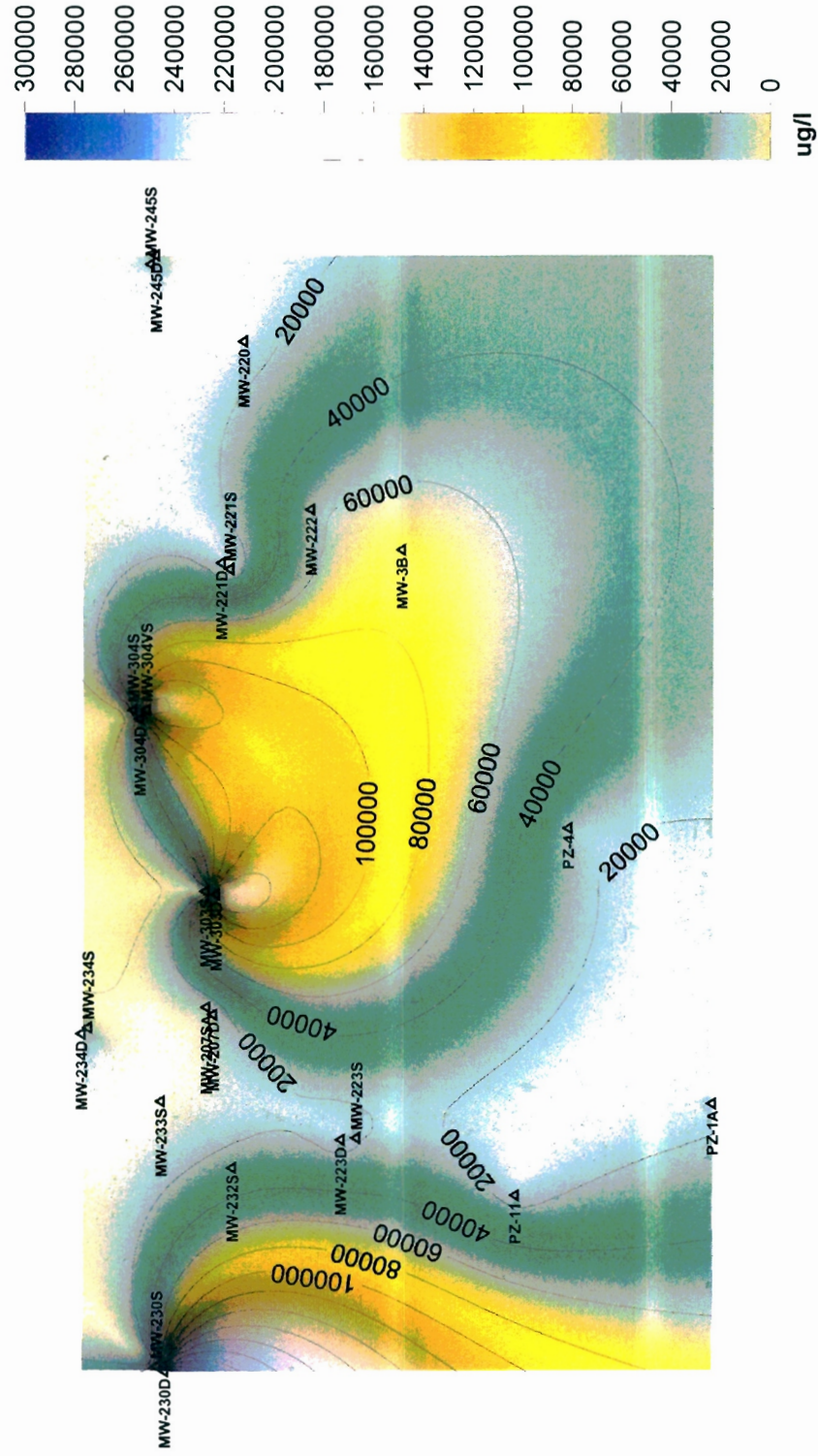


450

Δ MW-304VS	Monitoring Well Location
0.00	0.00
0.01	0.01
0.02	0.02
0.03	0.03
0.04	0.04
0.05	0.05
0.06	0.06
0.07	0.07
0.08	0.08
0.09	0.09
0.10	0.10
0.11	0.11
0.12	0.12
0.13	0.13
0.14	0.14
0.15	0.15
0.16	0.16
0.17	0.17
0.18	0.18
0.19	0.19
0.20	0.20
0.21	0.21
0.22	0.22
0.23	0.23
0.24	0.24
0.25	0.25
0.26	0.26
0.27	0.27
0.28	0.28
0.29	0.29
0.30	0.30
0.31	0.31
0.32	0.32
0.33	0.33
0.34	0.34
0.35	0.35
0.36	0.36
0.37	0.37
0.38	0.38
0.39	0.39
0.40	0.40
0.41	0.41
0.42	0.42
0.43	0.43
0.44	0.44
0.45	0.45
0.46	0.46
0.47	0.47
0.48	0.48
0.49	0.49
0.50	0.50
0.51	0.51
0.52	0.52
0.53	0.53
0.54	0.54
0.55	0.55
0.56	0.56
0.57	0.57
0.58	0.58
0.59	0.59
0.60	0.60
0.61	0.61
0.62	0.62
0.63	0.63
0.64	0.64
0.65	0.65
0.66	0.66
0.67	0.67
0.68	0.68
0.69	0.69
0.70	0.70
0.71	0.71
0.72	0.72
0.73	0.73
0.74	0.74
0.75	0.75
0.76	0.76
0.77	0.77
0.78	0.78
0.79	0.79
0.80	0.80
0.81	0.81
0.82	0.82
0.83	0.83
0.84	0.84
0.85	0.85
0.86	0.86
0.87	0.87
0.88	0.88
0.89	0.89
0.90	0.90
0.91	0.91
0.92	0.92
0.93	0.93
0.94	0.94
0.95	0.95
0.96	0.96
0.97	0.97
0.98	0.98
0.99	0.99
1.00	1.00

Note: Values reported as less than method detection limit are inputted as equal to method detection limits

**Sodium Isopleth Map
September 2006**



Note: Values reported as less than method detection limit are inputted as equal to method detection limits