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Practical in Nature

Joel J. Trifilo

Digitally signed by Joel J. Trifilo
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Date: 2011.12.22 11:59:13 -05'00'

December 19, 2011 GeoInsight Project 2009-015

Darryl Luce
Remedial Project Manager
United States Environmental Protection Agency
5 Post Office Square
Suite 100 - OSRR07-1
Boston, Massachusetts 02109-3912

Andrew Hoffman, P.E.
Remedial Project Manager
Waste Management Division
New Hampshire Dept. of Environmental Services
29 Hazen Drive, P.O. Box 95
Concord, New Hampshire 03302-0095

RE: Data Transmittal
Environmental Monitoring Plan and Groundwater Management Permit
First Monitoring Event (Spring), Year 2011
Groundwater Management Permit DES Site # 198803019
Dover Municipal Landfill Superfund Site
Tolend Road, Dover, NH

Dear Mr. Luce and Mr. Andrews:

At the request of the Dover Work Settling Defendants Group (Group), GeoInsight, Inc. (GeoInsight) prepared this data transmittal for the Spring 2011 Environmental Monitoring Plan (EMP) and fifth Groundwater Management Permit (GMP) monitoring event that was completed at the Dover Municipal Landfill Superfund Site (Site). This data transmittal includes a copy of Golder Associates, Inc.'s (Golder's) ground water/surface water monitoring report and the laboratory analyses data reports for the Spring 2011 EMP/GMP event (Attachment A). Table 1 of Golder's report provides a summary of the wells that were sampled and the analyses performed. Chemical analyses associated with the Spring 2011 EMP/GMP event were performed by Katahdin Analytical Services (Katahdin).

Ground water analyses for the Spring 2011 event included volatile organic compounds (VOCs), and dissolved and total arsenic, iron, and manganese. Surface water analyses for the Spring 2011 event included VOCs and dissolved and total arsenic, iron, and manganese. VOC analyses of ground water and surface water samples collected from monitoring wells and surface water sampling locations specified in the GMP were analyzed for the New Hampshire Department of Environmental Protection

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SDMS DocID 502341

(NHDES) Full List of VOCs including low-level analyses of 1,4-dioxane. GMP wells are identified on Figure 1. Tables that summarize EMP/GMP analytical results for VOCs and inorganic parameters are included in Attachment B. The Spring 2011 EMP/GMP event included the collection of ground water samples from 38 EMP-designated monitoring wells and 17 non-EMP monitoring wells between May 4 and May 13, 2011. Surface water samples were obtained from four EMP-designated sampling stations and three non-EMP designated sampling stations on May 6, 2011.

In general, the results of the Spring 2011 EMP and GMP monitoring event were consistent with historical EMP results and trends (i.e., the types and concentrations of compounds detected in the water samples were similar to and consistent with data obtained during recent EMP events).

Based upon correspondence between the Group and the agencies in October 2011, the agencies agreed to replace the Fall 2011 EMP monitoring event with baseline sampling of the new source control ground water extraction wells followed by a GMP/EMP sampling event in May 2012.

If you have questions regarding the results of the Spring 2011 EMP/GMP monitoring event, please call either of the undersigned at (978) 679-1600.

Sincerely,
GEOINSIGHT, INC.

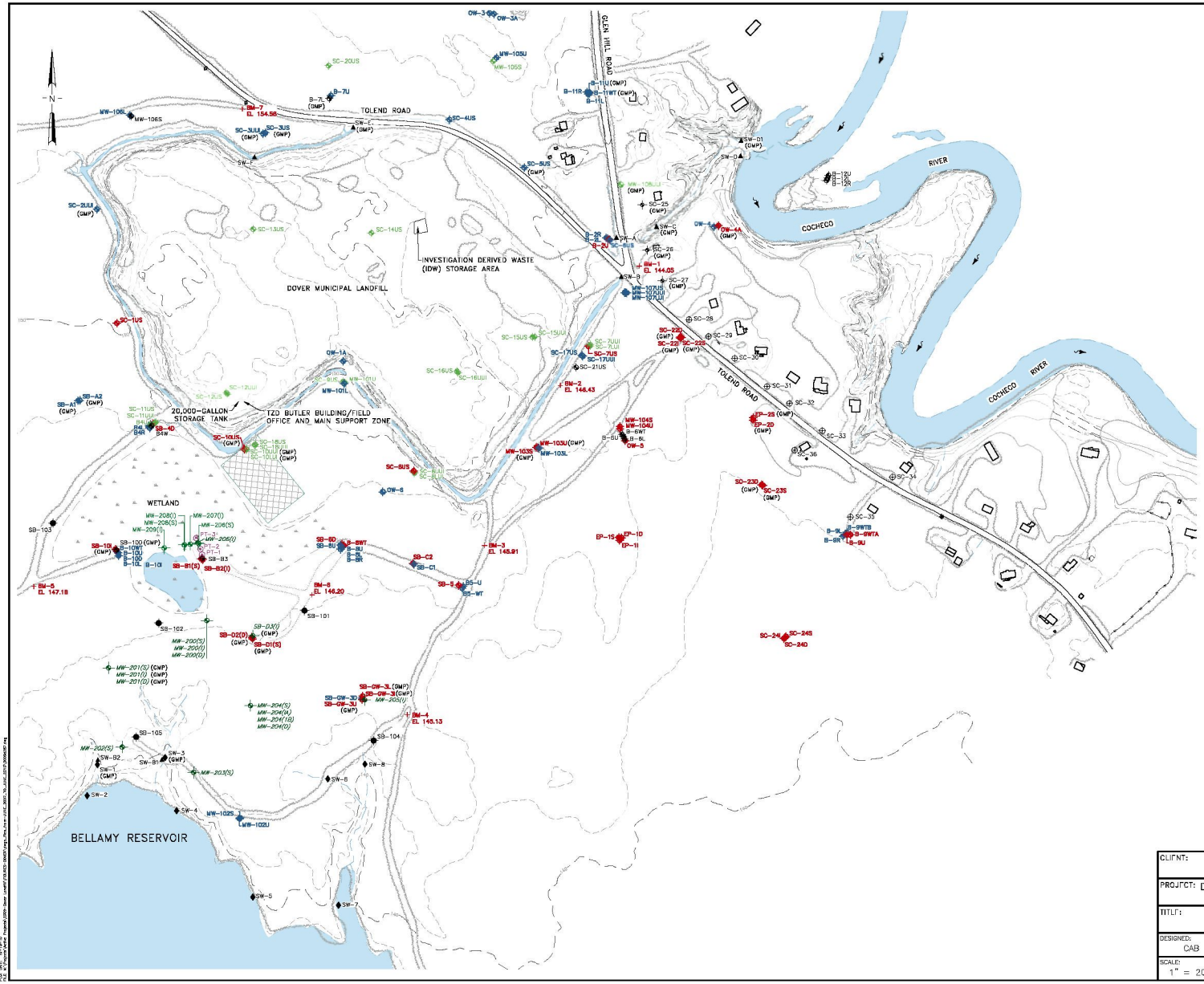
Joel J. Trifilo, P.G., L.S.P.
Senior Geologist

Michael J. Webster, P.G., L.S.P.
Senior Associate

Attachments: Figure 1 Site Plan
Attachment A Golder Report (Spring 2011)
Attachment B EMP/GMP Summary Analytical Tables

Distribution:	Letter	Attachment A
Darryl Luce, USEPA	2 copies (complete report, electronic)	
Andrew Hoffman, NHDES	1 copy (uploaded to NHDES database)	
Dean Peschel, City of Dover	1 copy	1 copy
John Peltonen	1 copy	
Curtis Shipley	1 copy	
Patrick Steerman	1 copy	
Mike Marley	1 copy (electronic)	
Mary DeFlaun	1 copy (electronic)	
Gregory Simpson	1 copy (electronic)	
Jamieson Schiff	1 copy (electronic)	
Groundwater Management Permits Coordinator	1 copy (uploaded to NHDES database)	

FIGURES



LEGEND

SC-7US	EMP WELL SAMPLING LOCATION AND DESIGNATION
SC-7UUI	ADDITIONAL WELL SAMPLING LOCATION AND DESIGNATION (DECEMBER 1995 TO PRESENT)
MW-108UUI	APPROXIMATE LOCATION OF WELL (INSTALLED ON JULY 28, 2009)
MW-17US	WELL LOCATIONS WHERE EMP WATER LEVELS ARE OBTAINED (IE, EMP SAMPLING IS NOT PERFORMED)
GW-2	WELL LOCATIONS WHERE WATER LEVELS ARE NOT OBTAINED AND SAMPLING IS NOT PERFORMED
SW-A	EMP SURFACE WATER SAMPLING LOCATION
SC-30	SENTINEL WELL SAMPLING LOCATION AND DESIGNATION
SW-3	SURFACE WATER GAUGING STATION
SB	SOIL BORING LOCATION (GEOINSIGHT 2006)
MW-201	SOIL BORING/MONITORING WELL (GEOINSIGHT 2007)
150	EXISTING TOPOGRAPHIC CONTOUR
	PAVED ROAD
	UNPAVED ROAD OR DRIVE
(GMP)	EMP MONITORING WELLS

NOTES:

1. EXISTING CONDITIONS TAKEN FROM TOPOGRAPHIC WORKSHEET OF THE DOVER (NH) LANDFILL FOR GOLDER ASSOCIATES INC., MANCHESTER NH, BY EASTERN TOPOGRAPHICS, WOLFBORO, NH. ORIGINAL SCALE 1"=50', CONTOUR INTERVAL 2', PHOTO DATE: 13 APRIL 92.

2. MONITORING WELL LOCATIONS AND SITE FEATURES UPDATED IN NOVEMBER 2007, BASED UPON COMPREHENSIVE SITE SURVEY PERFORMED BY VERMONT SURVEY AND ENGINEERING, INC. OF MONTPELIER, VERMONT.

3. LOCATION OF SURFACE WATER SAMPLING STATION SW-8 IS APPROXIMATE.

0 200 400
APPROX. SCALE IN FEET

CLIENT: DOVER GROUP			
PROJECT: DOVER LANDFILL SUPERFUND SITE DOVER, NEW HAMPSHIRE			
TITLE: SITE PLAN			
DESIGNED: CAB	DRAWN: NMT	CHECKED: CAB	APPROVED: MJW
SCALE: 1" = 200'	DATE: 11/19/09	FILE NO.: 2009D267	PROJECT NO.: 2009-015

GeoInsight
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FIGURE NO.: 1

ATTACHMENT A

GOLDER REPORT (SPRING 2011)

REPORT

SECOND QUARTER 2011 SEMI-ANNUAL MONITORING REPORT

DOVER MUNICIPAL LANDFILL
DOVER, NEW HAMPSHIRE

Submitted To: The Dover Municipal Landfill Group

Submitted By: Golder Associates Inc.
670 North Commercial Street
Suite 103
Manchester, NH 03101 USA

Distribution:

1 – Copy – GeoInsight (unbound)

October 2011

Project No.: 923-6094

A world of capabilities delivered locally

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Golder Associates

October 24, 2011

Project No.: 923-6094

Mr. Michael Webster, P.G.
GeoInsight Inc.
One Monarch Drive
Suite 201
Littleton, MA 01460

RE: SECOND QUARTER 2011 SEMI-ANNUAL MONITORING REPORT
DOVER MUNICIPAL LANDFILL
DOVER, NEW HAMPSHIRE

Dear Mr. Webster:

Golder Associates Inc. (Golder) is pleased to submit this water quality monitoring report on behalf of the Dover Municipal Landfill Remedial Action Trust (Group). Included herein are semi-annual water level measurements and groundwater and surface water analytical results from second quarter 2011. As approved by EPA, the analytical results have not been validated; therefore, the only data qualifiers are those applied by the laboratory.

Please contact us if you have questions regarding the results of the analyses.

Sincerely,

GOLDER ASSOCIATES INC.

Ross W. Bennett, P.E.
Senior Project Engineer

Alistair P. T. Macdonald, CPG, LSP
Program Leader and Principal

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- Appendix A-2 Inorganic Compounds-Total Iron, Arsenic, and Manganese
- Appendix A-3 Inorganic Compounds-Dissolved Iron, Arsenic, and Manganese
- Appendix A-4 Low-level 1,4-Dioxane

Appendix B Analytical Results – Non-EMP Wells and Surface Water
- Appendix B-1 Volatile Organic Compounds
- Appendix B-2 Inorganic Compounds-Total Iron, Arsenic, and Manganese
- Appendix B-3 Inorganic Compounds-Dissolved Iron, Arsenic, and Manganese
- Appendix B-4 Low-level 1,4-Dioxane

1.0 INTRODUCTION

During second quarter 2011, Golder Associates Inc. (Golder) performed environmental monitoring at the Dover Municipal Landfill located in Dover, New Hampshire. Golder performed this monitoring in accordance with the Dover Landfill Environmental Monitoring Plan (EMP), which was prepared in accordance with the Consent Decree Statement of Work (SOW) between the Dover Municipal Landfill Remedial Trust (the Group) and the United States Environmental Protection Agency (USEPA). Section 3.0 of the EMP outlines requirements for groundwater quality sampling and analysis and water level measurements. In accordance with Section 6.0 of the EMP, this report presents the semi-annual water quality analytical results and water level data for second quarter 2011.

This report also includes results of sampling conducted to meet the requirements of the Groundwater Management Permit (GMP) #198803019 issued by the New Hampshire Department of Environmental Services (NHDES) on March 19, 2009.

The second quarter 2011 semi-annual monitoring program consisted of the sampling and analysis of groundwater from fifty-five (55) monitoring wells and surface water from six (6) surface water monitoring points.

2.0 FIELD PROCEDURES AND SAMPLING EVENT SUMMARY

2.1 Groundwater Monitoring

During the second quarter 2011 semi-annual monitoring event, Golder collected groundwater samples from thirty-eight (38) EMP-designated monitoring wells and seventeen (17) non-EMP monitoring wells between May 4, 2011 and May 13, 2011.

Golder collected groundwater samples following the Procedure for Low-Flow Purge and Sampling included as Appendix Y of the Dover Municipal Landfill Field Sampling Plan (FSP). Variances from these procedures are described in Section 2.2. Golder purged and sampled the monitoring wells at flow rates equal to or less than 0.5 liters per minute using a peristaltic pump and collected samples after measured field parameters (pH, Eh, dissolved oxygen, specific conductivity, turbidity, and temperature) stabilized to within the limits established in the FSP. Golder field-filtered samples for dissolved metals using a 0.45-micron filter.

Table 1 identifies the monitoring wells and the analytical parameters. Katahdin Analytical Services of Scarborough, Maine (Katahdin) analyzed the groundwater samples from EMP and non-EMP designated locations for volatile organic compounds (VOCs) and total and dissolved iron, arsenic, and manganese. As shown on Table 1, the VOC analysis was also divided into two categories for wells included on the NHDES GMP and wells not included on the GMP. For this sampling event, the VOC analysis for GMP wells included the NHDES full list of VOCs including low-level analysis of 1,4-dioxane.

Golder sampled the EMP monitoring wells using EMP Quality Assurance/Quality Control (QA/QC) protocols. QA/QC samples included: two matrix spike/matrix spike duplicate sets, two field duplicates, two rinsate blanks, and three trip blanks. Golder collected one set of the QA/QC samples for every 20 EMP monitoring wells sampled with the exception of trip blanks which were submitted at a frequency of one per sample shipment.

2.2 Groundwater Monitoring Variances

The low-flow purge and sampling techniques outlined in the FSP suggest the use of a submersible pump. However, the diameter of several of the wells is too small for the use of a submersible pump. Therefore, to accommodate these wells, take advantage of shallow water levels, and provide consistency throughout the sampling event, Golder sampled all wells using a peristaltic pump with the exception of monitoring well B-7L, which Golder sampled using a bladder pump because the depth to water in the well was too deep for sampling with a peristaltic pump.

At the request of GeoInsight, Golder did not collect a sample from the EMP monitoring well SB-4D during the second quarter 2011 monitoring event.

2.3 Water Level Monitoring

Golder measured water levels in the monitoring wells and surface water locations listed on Table 2 on May 24, 2011 using a Solinst water level meter graduated in 0.01 foot intervals. Golder recorded the water levels and the corresponding reference points on a field form. Water level data for second quarter 2006 through second quarter 2011 are presented in Table 2.

2.4 Water Level Monitoring Variances

Water level measurements could not be obtained at the following monitoring locations during the second quarter 2011 monitoring event:

- MW-106S could not be measured because of obstructions in the monitoring well riser.
- N-2 was not measured because it could not be located.
- N-3 and SC-2UUI could not be measured because of ponded water in the vicinity of the monitoring location.
- SB-4D, SB-B2, and MW-206(I) were not measured per GeoInsight's instructions.
- Surface water locations SW-1, SW-2, SW-3, SW-4, SW-5, SW-7 and SW-A have no gauge for measurement.

2.5 Surface Water Sampling

Golder collected three (3) EMP designated and three (3) non-EMP designated surface water samples on May 6, 2011. Surface water samples are listed on Table 1. Golder collected VOC and total metal samples by dipping sample bottles directly into the stream. Golder field-filtered dissolved metal samples by collecting the sample in an unpreserved container, then pumping the collected water through a 0.45-micron field filter into a preserved sample container using a peristaltic pump. Katahdin analyzed surface water samples for VOCs and total and dissolved iron, arsenic, and manganese. As shown on Table 1, the VOC analysis was also divided into two categories for surface water locations included on the NHDES GMP and surface water locations not included on the GMP. For this sampling event, the VOC analysis for GMP surface water locations included the NHDES full list of VOCs including low-level analysis of 1,4-dioxane.

3.0 ANALYTICAL RESULTS

Analytical results for VOCs, total metals, dissolved metals, and low-level 1,4-dioxane from the EMP designated monitoring wells and surface water sampling locations for the second quarter 2011 semi-annual monitoring event are presented in Appendices A-1, A-2, A-3, and A-4, respectively. Analytical results for VOCs, total metals, dissolved metals, and low-level 1,4-dioxane from the non-EMP designated monitoring wells and surface water sampling locations for the second quarter 2011 semi-annual monitoring event are presented in Appendices B-1, B-2, B-3, and B-4, respectively.

TABLES

TABLE 1
SECOND QUARTER 2011 EMP AND GMP MONITORING PROGRAM

DOVER MUNICIPAL LANDFILL

EMP DESIGNATED MONITORING WELLS					
WELL ID	EMP VOCs by 8260	EMP/GMP VOCs by 8260-NHfull	GMP/Low-Level Dioxane Analysis by 8260-SIM	Total and Dissolved Metals by 6010	Notes:
B-2U	*			*	
B-8WT	*			*	
B9-U	*			*	
B9-WT	*			*	
EP-1S	*			*	
EP-1I	*			*	
EP-1D	*			*	
EP-2S		*	*	*	
EP-2D		*	*	*	
MW-103S		*	*	*	
MW-103U		*	*	*	
MW-104S	*			*	
MW-104U	*			*	
OW-4A		*	*	*	
SB-4D					Not sampled per GeoInsight, May 10, 2011
SB-5D	*			*	
SB-8D	*			*	
SB-10I		*	*	*	
SB-B1	*			*	MS/MSD
SB-B2					Not sampled per GeoInsight Emails dated 4/30/09 and 10/22/09
SB-D1		*	*	*	
SB-D2		*	*	*	
SB-GW-3U		*	*	*	
SB-GW-3L		*	*	*	
SB-GW-3I		*	*	*	
SC-1US	*			*	
SC-7US	*			*	MS/MSD
SC-8US	*			*	
SC-10US		*	*	*	
SC-22S		*	*	*	
SC-22I		*	*	*	
SC-22D		*	*	*	
SC-23S		*	*	*	
SC-23D		*	*	*	
SC-24S	*			*	
SC-24I	*			*	
SC-24D	*			*	
SC-25		*	*	*	
SC-26		*	*	*	
SC-27		*	*	*	

QA/QC Samples					
RB-01	*			*	Rinsate Blank RB-01 collected on May 11, 2011
RB-02	*			*	Rinsate Blank RB-02 collected on May 13, 2011
DUP-01	*			*	DUP-01 collected from MW-104S
DUP-02	*			*	DUP-02 collected from MW-104U
MS/MSD-01	*			*	MS/MSD-01 collected from SB-10I on May 10, 2011
MS/MSD-02	*			*	MS/MSD-02 collected from SC-7US on May 6, 2011
4 Trip Blanks	*			*	4 Trip blanks collected on May, 6, 11, 13, and 16, 2011

Notes:
EMP= Environmental Monitoring Plan
N/A = not analyzed
QA/QC= Quality Assurance/Quality Control
VOCs= Volatile Organic Compounds

TABLE 1
SECOND QUARTER 2011 EMP AND GMP MONITORING PROGRAM

DOVER MUNICIPAL LANDFILL

Non-EMP GMP DESIGNATED MONITORING WELLS					
WELL ID	Non-EMP VOCs by 8260	GMP VOCs by 8260-NHfull	GMP/Low-Level Dioxane Analysis by 8260-SIM	Total and Dissolved Metals by 6010	Notes:
B-7L		*	*	*	
B-11U		*	*	*	
B-11WT		*	*	*	
MW-108UUI		*	*	*	
MW-201(S)		*	*	*	
MW-201(I)		*	*	*	
MW-201(D)		*	*	*	
SB-A1		*	*	*	
SB-A2		*	*	*	
SB-D3(I)		*	*	*	
SB-10D		*	*	*	
SC-2UUI		*	*	*	
SC-3US		*	*	*	
SC-3UUI		*	*	*	
SC-5US		*	*	*	
SC-10UUI		*	*	*	
SC-10LUI		*	*	*	

Non-EMP Non-GMP DESIGNATED MONITORING WELLS					
WELL ID	Non-EMP VOCs by 8260	GMP VOCs by 8260-NHfull	GMP/Low-Level Dioxane Analysis by 8260-SIM	Total and Dissolved Metals by 6010	Notes:
MW-101U					Sample not collected per City of Dover email dated 4/22/2010
SC-4US					Sample not collected per City of Dover email dated 4/22/2010
SC-6US					Sample not collected per City of Dover email dated 4/22/2010
SC-7UUI					Sample not collected per City of Dover email dated 4/22/2010
SC-7LUI					Sample not collected per City of Dover email dated 4/22/2010
SC-8UUI					Sample not collected per City of Dover email dated 4/22/2010
SC-8LUI					Sample not collected per City of Dover email dated 4/22/2010
SC-9US					Sample not collected per City of Dover email dated 4/22/2010
SC-11US					Sample not collected per City of Dover email dated 4/22/2010
SC-11UUI					Sample not collected per City of Dover email dated 4/22/2010
SC-12US					Sample not collected per City of Dover email dated 4/22/2010
SC-12UUI					Sample not collected per City of Dover email dated 4/22/2010
SC-13US					Sample not collected per City of Dover email dated 4/22/2010
SC-14US					Sample not collected per City of Dover email dated 4/22/2010
SC-15US					Sample not collected per City of Dover email dated 4/22/2010
SC-15UUI					Sample not collected per City of Dover email dated 4/22/2010
SC-16US					Sample not collected per City of Dover email dated 4/22/2010
SC-16UUI					Sample not collected per City of Dover email dated 4/22/2010
SC-18US					Sample not collected per City of Dover email dated 4/22/2010
SC-18UUI					Sample not collected per City of Dover email dated 4/22/2010

Notes:
EMP= Environmental Monitoring Plan
N/A = not analyzed
QA/QC= Quality Assurance/Quality Control
VOCs= Volatile Organic Compounds

TABLE 1
SECOND QUARTER 2011 EMP AND GMP MONITORING PROGRAM

DOVER MUNICIPAL LANDFILL

EMP DESIGNATED SURFACE WATER SAMPLES					
SURFACE WATER ID	EMP VOCs by 8260	EMP/GMP VOCs by 8260-NHfull	GMP/Low-Level Dioxane Analysis by 8260-SIM	Total and Dissolved Metals by 6010	Notes:
SW-A	*			*	
SW-B					Sample not collected per GeoInsight e-mail dated 5/9/2011
SW-C		*	*	*	
SW-D1		*	*	*	

Non-EMP GMP DESIGNATED SURFACE WATER SAMPLES					
SURFACE WATER ID	Non-EMP VOCs by 8260	GMP VOCs by 8260-NHfull	GMP/Low-Level Dioxane Analysis by 8260-SIM	Total and Dissolved Metals by 6010	Notes:
SW-1		*	*	*	
SW-3		*	*	*	
SW-E		*	*	*	

Non-EMP Non-GMP DESIGNATED SURFACE WATER SAMPLES					
SW-F					Sample not collected per City of Dover email dated 4/22/2010
SW-6					Sample not collected per City of Dover email dated 4/22/2010
SW-8					Sample not collected per City of Dover email dated 4/22/2010

Notes:
EMP= Environmental Monitoring Plan
N/A = not analyzed
QA/QC= Quality Assurance/Quality Control
VOCs= Volatile Organic Compounds

Prepared by: JKU
Checked by: RWB
Reviewed by: APTM

TABLE 2
DOVER MUNICIPAL LANDFILL
WATER LEVEL SUMMARY

WELL ID	REFERENCE POINT	REFERENCE POINT ELEVATION	Jun-06 DEPTH TO WATER	Jun-06 WATER LEVEL ELEVATION	Oct-06 DEPTH TO WATER	Oct-06 WATER LEVEL ELEVATION	Jun-07 DEPTH TO WATER	Jun-07 WATER LEVEL ELEVATION	Nov-07 DEPTH TO WATER	Nov-07 WATER LEVEL ELEVATION	Jun-08 DEPTH TO WATER	Jun-08 WATER LEVEL ELEVATION	Nov-08 DEPTH TO WATER	Nov-08 WATER LEVEL ELEVATION	May-09 DEPTH TO WATER	May-09 WATER LEVEL ELEVATION	Nov-09 DEPTH TO WATER	Nov-09 WATER LEVEL ELEVATION	May-10 DEPTH TO WATER	May-10 WATER LEVEL ELEVATION	Nov-10 DEPTH TO WATER	Nov-10 WATER LEVEL ELEVATION	May-11 DEPTH TO WATER	May-11 WATER LEVEL ELEVATION	COMMENTS
B-1L	PVC	156.91	38.31	118.60	41.40	115.51	58.53	118.36	45.81	111.10	44.73	112.18	44.60	112.31	46.25	110.66	40.12	116.79	38.43	118.48	44.96	111.95	45.19	111.72	
B-1R	PVC	157.08	39.21	117.87	42.48	114.60	39.67	117.41	48.01	109.07	46.81	110.27	45.60	111.48	47.58	109.50	41.18	115.90	39.42	117.66	47.15	109.93	45.25	111.83	
B-1U	PVC	157.17	3.18	153.99	3.50	153.67	3.70	153.47	4.67	152.50	3.75	153.42	3.51	153.66	3.58	153.59	3.51	153.66	4.27	152.90	4.40	152.77	3.29	153.88	
B-2L	PVC	146.83	24.75	122.08	26.90	119.93	25.21	121.62	32.73	114.10	31.85	114.98	31.55	115.28	33.15	113.68	28.59	117.24	27.18	119.65	33.04	113.79	30.55	116.28	
B-2R	PVC	147.02	24.80	122.22	27.00	120.02	25.35	121.67	32.90	114.12	32.01	115.01	31.46	115.55	33.22	113.90	29.72	117.30	27.35	119.67	33.21	113.81	20.64	126.38	
B-2U	STEEL	147.04	2.51	144.53	2.28	144.76	3.60	143.44	4.95	142.09	3.43	143.61	2.80	144.24	2.87	144.17	3.71	143.33	4.16	142.88	4.68	142.36	3.25	143.79	Measured to top of steel casing
B-3L	PVC	154.88	9.92	144.96	12.44	142.42	10.00	144.88	13.75	141.11	12.30	142.56	11.90	142.36	11.95	142.91	12.60	142.28	10.55	144.33	13.65	141.21	11.86	143.02	
B-3R	PVC	154.56	10.70	143.86	13.41	141.15	11.95	142.61	15.89	138.67	14.52	140.04	14.20	140.36	14.15	140.41	13.83	140.73	12.55	142.01	15.01	139.55	14.17	140.39	
B-4L	PVC	150.40	13.40	137.00	15.60	134.80	14.30	136.10	19.86	130.54	18.85	131.55	18.73	131.67	19.32	131.08	18.28	132.12	16.29	134.11	20.31	130.09	18.29	132.11	
B-4R	PVC	150.75	13.43	137.32	15.65	135.10	14.35	136.40	19.82	130.93	18.81	131.94	18.67	132.08	19.21	131.54	18.24	132.51	16.30	134.45	NM	NC	19.25	NC	
B-4U	PVC	150.66	1.57	149.09	2.25	148.41	2.29	148.37	3.04	147.62	2.31	148.35	2.32	148.34	2.02	148.64	2.19	148.47	2.32	148.34	2.65	148.01	1.20	149.46	
B-4WT	PVC	151.84	4.25	147.59	4.02	147.82	4.20	147.64	4.69	147.15	4.21	147.63	4.26	147.58	4.41	147.43	4.15	147.69	4.60	147.24	4.61	147.23	4.02	147.82	
B-5U	PVC	147.75	3.78	143.97	4.16	143.59	3.08	144.67	3.60	144.15	3.15	144.60	2.89	144.86	2.89	144.86	2.72	145.03	3.49	144.26	3.58	144.17	1.86	145.89	
B-5WT	PVC	149.96	5.85	144.11	3.00	144.96	4.85	145.11	5.62	144.34	4.65	145.31	4.71	145.25	4.70	145.26	4.27	145.69	5.47	144.49	5.51	144.45	3.84	146.12	
B-6L	PVC	146.54	15.63	130.89	17.05	129.49	16.10	130.44	NM	NC	17.14	129.40	17.16	129.38	17.99	128.55	16.17	130.37	14.41	132.13	18.81	127.73	16.02	130.52	
B-6U	PVC	146.38	2.72	143.66	2.91	143.47	3.00	143.38	3.93	142.45	3.01	143.37	3.05	143.33	2.92	143.46	2.81	143.57	3.46	142.92	3.76	142.62	2.49	143.89	
B-6WT	PVC	148.48	4.30	144.18	4.30	144.18	4.38	144.10	5.07	143.41	4.21	144.27	4.36	144.12	4.32	144.16	4.16	144.32	4.92	143.56	5.04	143.44	3.95	144.53	
B-7L	PVC	155.64	28.05	127.59	31.19	124.45	28.83	126.81	35.35	120.29	33.95	121.69	33.91	121.73	34.90	120.74	31.61	124.03	29.61	126.03	35.15	120.49	33.77	121.87	
B-7U	PVC	157.18	3.83	153.35	4.08	153.10	4.30	152.88	6.82	150.36	4.25	152.93	3.84	153.34	3.84	153.34	3.90	153.28	4.91	152.27	6.60	150.58	3.98	153.20	
B-8R	STEEL	148.39	17.50	130.89	16.55	128.84	18.16	130.23	26.81	NC	25.96	122.43	26.16	122.23	26.71	121.68	23.82	122.57	32.76	NOTE 8	27.15	121.24	24.89	123.50	Measured to top of steel casing
B-8L	STEEL	148.26	1.93	146.33	19.15	129.11	18.00	130.26	26.02	122.24	25.98	122.28	26.22	122.04	27.41	120.85	25.85 (6)	NOTE 8	22.81	NOTE 9	27.83	120.43	24.98	123.30	Measured to top of steel casing
B-8U	PVC	148.28	17.32	130.96	1.95	146.33	2.05	146.23	2.97	145.31	2.02	146.26	2.08	146.20	2.09	146.19	1.81	146.47	3.02	NOTE 6	2.60	145.68	1.73	146.55	
B-8WT	STEEL	148.37	3.22	145.15	2.42	145.95	2.50	145.87	4.30	144.07	3.37	145.00	3.38	144.99	3.32	145.05	3.18 (6)	NOTE 8	3.93	144.44	3.14	145.23	3.05	145.32	Measured to top of steel casing
B-9L	PVC	143.82	15.94	127.88	15.55	128.27	14.40	129.42	22.93	120.89	22.18	121.64	22.51	121.31	23.89	119.93	21.81	122.01	18.43	123.37	24.12	119.70	20.88	122.94	
B-9R	PVC	143.58	14.39	129.19	13.34	130.24	12.92	130.66	15.49	128.09	19.04	124.54	19.16	124.42	20.12	123.46	20.22	123.36	3.20	140.38	12.41	131.17	15.54	128.04	
B-9U	PVC	143.84	8.05	135.79	10.98	132.86	7.80	136.04	14.39	129.45	9.45	134.39	8.62	135.22	6.73	137.11	9.45	134.39	8.94	134.90	13.56	130.28	5.99	137.85	
B-9WTA	PVC	143.85	4.74	139.11	6.53	137.32	5.18	138.67	12.98	130.87	5.89	137.96	5.10	138.75	3.61	140.24	5.27	138.58	6.75	132.31	13.92	129.93	10.16	133.69	
B-9WTB	PVC	143.77	12.26	131.51	12.06	131.71	11.20	132.57	13.68	130.09	11.87	131.90	11.15	132.62	10.65	133.12	NM	NC	11.54	137.02	13.56	130.21	2.85	140.92	
B-10L	PVC	147.59	10.70	136.89	12.63	134.96	11.58	136.01	17.24	130.35	16.30	131.29	15.18	132.41	16.86	130.73	15.93	131.66	13.94	133.65	17.81	129.78	15.65	131.94	
B-10U	PVC	147.37	1.54	145.83	1.71	145.66	1.73	145.64	2.29	145.08	1.72	145.65	1.16	146.21	1.62	145.75	1.55	145.82	1.91	145.46	1.92	145.45	1.16	146.21	
B-10WT	STEEL	148.09	1.79	146.30	2.82	145.27	2.88	145.21	3.42	144.67	2.89	145.20	2.82	145.27	2.85	145.24	NM	NC	3.31	NOTE 8	3.23	144.86	2.77	145.32	
B-11L	PVC	150.56	2.60	148.26	33.46	117.40	31.34	119.32	38.61	112.25	37.64	113.22	37.11	113.73	38.83	112.04	34.51	116.35	32.57	118.39	38.54	113.32	36.40	114.46	
B-11R	PVC	150.82	30.30	120.52	32.54	118.28	30.67	120.15	37.89	113.03	36.85	113.97	36.45	114.27	38.06	112.76	34.01	116.81	31.02	118.80	37.91	112.91	36.79	114.07	
B-11U	PVC	151.05	2.45	148.60	3.25	147.80	3.27	147.78	5.20	145.85	2.99	148.06	2.77	148.28	2.71	148.34	2.87	148.18	3.55	147.50	5.12	145.93	2.56	148.49	
B-11WT	PVC	151.18	2.70	148.48	3.41	147.77	3.25	147.93	5.34	145.84	3.07	148.11	2.76	148.42	2.71	148.47	2.95	148.23	3.57	147.61	5.30	145.88	2.67	148.51	
B-13L	PVC	151.87	7.96	143.91	10.05	141.82	9.00	142.87	12.49	139.38	11.10	140.77	10.75	141.12	10.81	141.06	10.52	141.35	9.65	142.22	12.21	139.66	10.69	141.18	
B-13U	PVC	151.57	2.95	148.62	3.05	148.52	3.68	147.89	4.44	147.13	3.22	148.35	3.39	148.18	3.59	147.98	3.18	148.39	4.20	147.37	4.09	147.48	2.96	148.61	
B-13WT	PVC	152.60	3.88	148.72	3.85	148.75	4.45	148.15	5.22	147.38	3.92	148.68	4.12	148.48	4.32	148.28	3.85	148.75	5.05	147.55	4.86	147.74	3.70	148.90	
B-14L	PVC	161.30	45.40	115.90	47.52	113.78	43.77	117.53	55.04	106.26	53.42	107.88	50.21	111.09	51.42	109.88	44.76	116.54	42.71	118.59	53.12	108.18	49.93	111.37	
B-14U	PVC	160.76	27.80	132.96	33.53	127.23	29.55	131.21	33.85	126.91	31.35	129.41	30.08	130.68	29.34	131.42	31.22	129.54	Dry	NC	33.99	126.77	30.47	130.29	
B-14WT	STEEL	161.95	7.60	154.35	7.70	154.25	8.25	153.70	8.04	153.91	7.63	154.32	7.90	154.05	8.05	153.90	7.75	154.20	8.61	153.34	8.15	153.80	7.91	154.04	
EP-1D	PVC	145.99	3.26	142.73	5.80	140.19	5.57	140.42	4.14	141.85	5.80	140.19	5.66	140.33	5.28	140.61	5.76	140.23	5.90	140.09	7.03	138.96	4.74	141.25	
EP-1I	PVC	145.98	4.52	141.46	2.95	143.03	3.08	142.90	7.14	138.84	3.01	142.97	3.08	142.90	2.91	143.07	2.93	143.05	3.43	142.55	3.93	142.05	2.30	143.68	
EP-1S	PVC	146.21	2.60	143.61	3.09	143.12	3.82	142.39	4.53	141.68	3.61	142.60	3.67	142.54	3.81	142.00	3.26	142.95	4.26	141.95	4.10	142.11	3.15	143.06	
EP-2D	PVC	146.00	9.47	136.53	12.21	133.79	11.23	134.77	13.68	132.32	11.66	134.34	11.75	134.25	10.92	135.08	12.22	133.78	11.55	134.45	13.58	132.42	10.16	135.84	
EP-2S	PVC	145.86	4.80	141.06	7.70	138.16	6.67	139.19	9.79	136.07	7.04	138.82	7.05	138.81	6.05	139.81	7.51	138.35	7.15	138.71	9.77	136.09	5.27	140.59	
MW-101L	PVC	151.04	22.72	128.32	24.93	126.11	23.55	127.49	30.81	120.23	29.91	121.13	30.03	121.01	31.12	119.92	29.97	121.07	26.41	124.63	31.52	119.52	29.11	121.93	
MW-101U	PVC	151.58	2.33	149.25	4.33	147.25	3.85	147.73	5.20	146.38	4.41	147.17	4.08	147.54	3.50	148.08	4.17	147.41	4.05	147.53	4.97	146.61	1.40	150.18	
MW-102S	STEEL	144.76	4.71	140.05	3.78	140.98	4.30	140.46	NM	NC	4.02	140.74	3.95	140.81	NM	NC	3.68	141.08	5.31	139.45	4.91	139.85	3.72	141.04	
MW-102U	PVC	143.22	1.60	141.62	2.25	140.97	2.20	141.02	2.90	140.32	2.48	140.74	2.19	141.03	2.27	140.95	2.31	140.91	2.45	140.77	2.85	140.37	1.61	141.61	
MW-103L	PVC	146.51	19.05	127.41	20.95	125.56	19.82	126.69	27.65	118.86	26.90	119.61	27.04	119.47	28.42	118.09	26.21	120.30	23.07	123.44	28.63	117.88	25.65	120.86	
MW-103S	PVC	146.06	0.59	145.47	1.00	145.06	3.75	142.31	4.59	141.47	3.93	142.13	3.87	142.19	3.62	142.44	3.77	142.29	4.13	141.93	4.47	141.59	2.81	143.25	
MW-103U	PVC	146.46	2.56	143.93	4.00	142.46	6.50	139.96	8.11	138.35	6.78	139.68	6.61	139.85	6.26	140.20	6.71	139.75	6.87	139.59	8.01	138.45	5.42	141.04	
MW-104S	PVC	145.36	1.45	143.91	1.73	143.63	1.95	143.41	3.22	142.14	1.85	143.51	2.03	143.34	1.85	143.51	1.78	143.58	2.61	142.75	3.13	142.24	1.31	144.05	
MW-104U	PVC	145.30	1.97	143.33	2.80	142.50	2.90	142.90	4.64	140.66	2.88	142.42	2.98	142.32	2.60	142.70	2.82	142.40	3.32	141.98	4.49	140.81	1.88	143.42	
MW-105S	PVC	152.38	PONDED	NC	3.05	149.33	2.20	150.18	4.58	147.80	2.23	150.15	1.61	150.77	1.55	150.83	1.98	150.40	2.95	149.43	4.59	147.79	0.92	151.46	
MW-105U	PVC	153.44	4.15	149.29	5.76	147.68	5.35	148.09	7.21	146.23	5.23	148.31	4.99	148.45	4.90	148.54	3.09	148.35	5.76	147.68	7.16	146.28	4.35	149.09	
MW-106L	PVC	155.87	12.15	143.72	15.67	140.20	13.40	142.47	17.92	NC	16.21	139.66	16.08	139.79	15.87	140.00	15.70	140.08	14.08	141.79	17.91	137.96	16.23	139.62	
MW-106S	PVC	NC	NM	NC	NM	NC	NM	NC	NM	NC	NM	NC	NM	NC	NM	NC	NM	NC	NM	NC	NM	NC	NM	NC	Obstruction in well @ 2.60 feet TPVC

Notes:

1) Well elevation not available at time of water level measurement.

2) Well vandalized prior to May, 2003 water level measurement, top of PVC elevation and groundwater elevation are approximate.

3) NC= Not available, NM = Not Measured, NC = Not Calculated

4) PONDED=monitoring location (NC)inaccessible due to ponded water.

5) Shallow depth to water may be due to ponded water in the vicinity of the monitoring well.

6) Well casing repaired prior to October 2007 water level observations. Well may need to be re-surveyed.

7) All depths and elevations are in feet.

8) Depth to water measured from top of protective steel casing.

9) Could not measure, <0.1 ft from top of casing

TABLE 2
DOVER MUNICIPAL LANDFILL
WATER LEVEL SUMMARY

WELL ID	REFERENCE POINT	REFERENCE POINT ELEVATION	Jun-06 DEPTH TO WATER	Jun-06 WATER LEVEL ELEVATION	Oct-06 DEPTH TO WATER	Oct-06 WATER LEVEL ELEVATION	Jun-07 DEPTH TO WATER	Jun-07 WATER LEVEL ELEVATION	Nov-07 DEPTH TO WATER	Nov-07 WATER LEVEL ELEVATION	Jun-08 DEPTH TO WATER	Jun-08 WATER LEVEL ELEVATION	Nov-08 DEPTH TO WATER	Nov-08 WATER LEVEL ELEVATION	May-09 DEPTH TO WATER	May-09 WATER LEVEL ELEVATION	Nov-09 DEPTH TO WATER	Nov-09 WATER LEVEL ELEVATION	May-10 DEPTH TO WATER	May-10 WATER LEVEL ELEVATION	Nov-10 DEPTH TO WATER	Nov-10 WATER LEVEL ELEVATION	May-11 DEPTH TO WATER	May-11 WATER LEVEL ELEVATION	COMMENTS
N-2	PVC	114.05	PONDED	NC	1.75	112.30	1.55	112.50	1.80	112.15	1.56	112.49	1.81	112.34	1.72	112.33	1.51	112.54	1.96	112.09	1.83	112.22	NM	NC	
N-3	PVC	154.86	PONDED	NC	PONDED	NC	3.20	151.66	4.22	150.64	NM	NC	NM	NC	3.59	151.27	NM	PONDED	NM	PONDED	NM	PONDED	NM	PONDED	
N-4	PVC	147.01	PONDED	NC	PONDED	NC	1.50	145.51	1.71	145.30	1.46	145.55	1.41	145.60	1.46	145.55	1.42	145.59	1.68	145.33	1.75	145.26	1.51	145.50	
N-5	PVC	148.40	PONDED	NC	PONDED	NC	2.35	146.05	2.70	145.70	2.54	145.86	2.36	146.04	2.31	146.09	2.36	146.04	2.61	145.79	2.61	145.79	2.45	145.95	
N-6	PVC	150.27	3.20	147.07	3.34	146.93	4.19	146.08	4.79	145.48	3.42	146.85	3.52	146.75	3.72	146.55	3.08	147.19	4.51	145.76	4.38	145.89	2.79	147.48	
OW-1A	PVC	153.24	4.53	148.71	5.20	148.04	5.80	147.44	6.81	146.43	6.21	147.03	5.92	147.32	5.41	147.83	5.91	147.33	5.90	147.34	6.62	146.62	2.93	150.31	
OW-2B	PVC	154.29	9.75	144.54	12.42	141.87	10.90	143.39	14.82	139.47	13.49	140.80	13.17	141.12	13.24	141.05	12.88	141.41	11.71	142.58	14.79	139.50	13.19	141.10	
OW-3	PVC	154.15	2.27	151.88	7.06	147.09	3.78	150.37	6.32	147.83	4.04	150.11	3.45	150.70	3.16	150.99	3.81	150.34	4.31	149.84	6.09	148.06	2.62	151.53	
OW-3A	PVC	153.98	34.43	119.55	37.25	116.73	37.00	116.98	44.03	109.95	42.92	111.06	42.38	111.60	43.82	110.16	39.20	114.78	37.45	116.53	43.72	110.26	41.67	112.31	
OW-4	PVC	144.93	24.72	120.21	26.18	118.75	24.30	120.63	27.59	117.34	30.75	114.18	30.48	114.45	32.07	112.86	28.42	116.51	26.11	118.82	31.99	112.94	29.51	115.42	
OW-4A	PVC	145.96	27.32	118.64	27.38	118.58	27.40	118.56	31.36	114.60	27.39	118.57	27.45	118.51	27.28	118.68	27.31	118.65	27.59	118.37	27.61	118.35	27.29	118.67	
OW-5	PVC	148.71	NC	NC	NC	NC	4.25	142.46	6.06	140.65	4.26	142.45	4.38	142.33	3.96	142.75	4.26	142.45	4.71	142.00	5.92	140.79	3.28	143.43	
OW-6	PVC	149.64	2.05	147.59	3.20	146.44	1.50	148.14	2.42	147.22	1.52	148.12	1.25	148.39	1.16	148.48	1.12	148.52	1.60	148.04	2.25	147.39	0.00	149.64	Artesian
SB-4D	PVC	151.53	2.28	149.25	3.12	148.41	2.92	148.61	3.91	147.62	3.20	148.33	NM	NC	2.86	148.67	NM	NC	NM	NC	NM	NC	NM	NC	Bladder Pump In Well
SB-5D	PVC	149.24	4.01	145.23	4.26	144.98	4.81	144.43	NM	NC	4.71	144.53	NM	NC	NM	NC	3.78	NOTE 6	3.92	NOTE 6	4.35	NOTE 6	2.55	NOTE 6	
SB-8D	STEEL	149.38	2.80	146.78	3.75	145.83	3.60	145.98	4.46	145.12	3.86	145.72	3.68	145.90	3.49	146.09	NM	NC	2.22	NOTE 6	2.72	NOTE 6	0.67	NOTE 6	Measured to top of steel casing
SB-8U	STEEL	149.72	2.90	146.82	2.95	146.77	2.24	147.48	4.72	145.00	3.04	146.68	3.19	146.53	3.30	146.42	2.96	147.12	3.79	145.93	3.70	146.02	3.37	146.35	Measured to top of steel casing
SB-10	PVC	149.39	2.08	147.31	2.78	146.61	2.62	146.77	3.48	145.91	2.86	146.53	2.62	146.77	2.41	146.98	2.60	147.24	2.88	146.51	3.12	146.27	1.75	147.64	
SB-10I	PVC	NOTE 1	2.08	NOTE 1	2.95	NOTE 1	2.56	NOTE 1	3.05	NOTE 1	2.51	NOTE 1	2.31	NOTE 1	2.31	NOTE 1	2.15	NOTE 1	2.63	NOTE 1	2.97	-2.97	2.22	-2.22	
SB-A1	PVC	152.34	3.85	148.49	3.85	148.49	4.02	148.32	4.66	147.68	3.84	148.50	3.95	148.39	3.99	148.35	3.79	148.55	4.52	147.82	4.47	147.87	3.41	148.93	
SB-A2	PVC	152.13	3.60	148.53	3.60	148.53	3.78	148.35	4.42	147.71	3.59	148.54	3.70	148.43	3.72	148.41	3.56	148.57	4.25	147.88	4.21	147.92	3.47	148.66	
SB-B1	PVC	149.64	4.15	145.49	4.10	145.54	4.15	145.49	4.86	144.78	4.24	145.40	4.18	145.46	4.23	145.41	4.11	145.53	4.48	145.16	4.41	145.23	4.01	145.63	
SB-B2	PVC	149.33	1.31	148.02	1.90	147.43	1.87	147.46	2.76	146.57	2.00	147.33	1.96	147.37	1.82	147.51	NM	NC	NM	NC	NM	NC	NM	NC	Not measured per GeoInsight
SB-B3	*PVC*	*149.63*	*2.00*	*147.63*	*2.85*	*146.78*	*2.65*	*146.98*	*2.58*	*146.05*	*2.91*	*146.72*	*2.74*	*146.89*	*2.52*	*147.11*	*2.70*	*146.93*	*3.00*	*146.62*	*3.25*	*146.38*	*1.32*	*148.31*	
SB-C1	STEEL	149.26	3.55	145.71	3.70	145.56	3.90	145.36	5.03	144.23	4.88	144.38	3.88	145.38	3.89	145.37	3.60	145.66	5.82	NOTE 8	4.90	144.36	4.45	144.81	
SB-C2	PVC	148.99	2.65	146.34	3.35	145.64	3.35	145.64	3.98	145.01	3.52	145.47	3.35	145.64	3.26	145.73	3.38	145.61	3.55	145.44	3.97	145.02	1.54	147.45	
SB-D1	PVC	149.00	4.04	144.96	4.01	144.99	4.15	144.85	5.36	143.64	4.10	144.90	4.13	144.87	4.15	144.85	4.07	144.93	4.82	144.18	4.65	144.35	4.05	144.95	
SB-D2	PVC	148.99	2.63	146.36	3.40	145.59	3.35	145.64	4.09	144.90	3.54	145.45	3.31	145.68	3.22	145.77	3.31	145.68	3.57	145.42	3.89	145.10	1.95	147.04	
SB-D3	PVC	NOTE 1	NM	NC	NM	NC	NM	NC	NM	NC	NM	NC	NM	NC	NM	NC	NM	NC	NM	NC	NM	NC	1.82	NC	
SB-GW-3L	PVC	149.00	3.51	145.49	4.20	144.80	3.95	145.05	4.68	144.32	4.11	144.89	3.93	145.07	3.85	145.15	3.96	145.04	4.11	144.89	4.53	144.47	2.56	146.44	
SB-GW-3I	PVC	NOTE 1	3.50	NOTE 1	3.56	NOTE 1	3.90	NOTE 1	4.49	NOTE 1	3.72	NOTE 1	3.74	NOTE 1	3.77	NOTE 1	3.56	NOTE 1	4.36	NOTE 1	4.32	NOTE 1	3.45	NOTE 1	
SB-GW-3U	PVC	148.69	4.03	144.66	4.55	144.14	4.75	143.94	5.98	142.71	4.65	144.04	4.66	144.03	3.67	145.02	4.51	144.18	5.53	143.16	5.41	143.28	4.52	144.17	
SC-1US	PVC	151.61	2.85	148.76	3.04	148.57	3.02	148.59	3.78	147.83	2.96	148.65	3.02	148.59	3.29	148.32	2.91	148.70	3.12	148.49	3.42	148.19	2.31	149.30	
SC-2UUI	PVC	153.49	3.62	149.87	4.18	149.31	NM	NC	NM	NC	NM	NC	NM	NC	NM	NC	0.99(9)	NOTE 6	1.76	NOTE 6	1.76	NOTE 6	NM	PONDED	Ponded
SC-3US	PVC	155.47	3.42	152.05	3.40	152.07	3.69	151.78	4.39	151.08	3.25	152.22	3.71	151.76	3.78	151.69	3.35	152.12	4.12	151.35	4.08	151.39	3.25	152.22	
SC-3UUI	PVC	154.96	2.65	152.31	3.10	151.86	3.05	151.91	4.28	150.68	3.07	151.89	3.03	151.93	3.02	151.94	3.23	151.73	4.27	150.69	3.79	151.17	2.97	151.99	
SC-4US	PVC	154.98	2.56	152.42	3.24	151.74	3.45	151.53	6.61	148.37	3.69	151.29	2.99	151.99	2.97	152.01	3.01	151.97	4.38	150.60	6.58	148.40	2.68	152.30	
SC-5US	PVC	154.10	3.03	151.07	3.72	150.38	3.65	150.45	6.29	147.81	3.93	150.17	3.40	150.70	3.44	150.66	3.35	150.75	4.42	149.68	6.26	147.84	3.15	150.95	
SC-6US	PVC	148.02	3.30	144.72	3.53	144.49	3.65	144.37	5.86	142.16	3.46	144.56	3.41	144.61	3.42	144.60	3.62	144.40	4.21	143.81	5.58	142.44	4.29	143.73	
SC-7LUI	PVC	149.05	15.55	133.50	16.80	132.25	16.57	132.48	17.78	131.27	16.82	132.23	16.72	132.33	16.58	132.47	16.77	132.28	16.87	132.18	17.72	131.33	16.19	132.86	
SC-7US	PVC	149.48	5.80	143.68	5.45	144.03	5.35	144.13	7.03	142.45	5.71	143.77	5.81	143.67	5.56	143.92	5.59	143.89	5.97	143.51	6.72	142.76	4.64	144.84	
SC-7UUI	PVC	148.93	5.17	143.76	7.12	141.81	6.90	142.03	8.69	140.24	8.14	140.79	7.08	141.85	6.71	142.22	7.12	141.81	8.38	140.55	8.56	140.37	6.09	142.84	
SC-8LUI	PVC	151.22	3.85	147.37	5.33	145.89	5.05	146.17	6.14	145.08	5.45	145.77	5.15	146.07	4.85	146.37	5.22	146.00	5.22	146.00	5.95	145.27	2.98	148.24	
SC-8US	PVC	151.09	4.98	146.11	5.30	145.79	5.36	145.73	5.71	145.38	5.36	145.73	5.27	145.82	5.21	145.88	5.15	145.94	5.31	145.78	5.61	145.48	3.06	148.03	
SC-8UUI	PVC	151.09	3.58	147.51	4.98	146.11	4.77	146.32	5.71	145.38	5.06	146.03	4.81	146.28	4.57	146.52	4.85	144.26	4.91	146.18	5.51	145.58	2.52	148.57	
SC-9US	*PVC*	*153.84*	*5.88*	*147.96*	*7.02*	*146.82*	*6.83*	*147.01*	*7.61*	*146.23*	*7.08*	*146.76*	*6.88*	*146.96*	*6.56*	*147.28*	*6.65*	*150.63*	*6.86*	*146.98*	*7.41*	*146.43*	*5.76*	*150.08*	
SC-10LUI	PVC	150.55	2.15	148.40	3.30	147.25	3.00	147.55	4.07	146.48	3.35	147.20	3.15	147.40	2.82	147.73	3.21	146.58	3.23	147.32	3.80	146.75	1.23	149.32	
SC-10US	PVC	150.95	3.94	147.01	4.00	146.95	4.10	146.85	4.64	146.31	4.07	146.88	4.09	146.86	4.10	146.85	3.97	148.53	4.34	146.61	4.41	146.54	3.39	147.56	
SC-10UUI	PVC	150.20	1.80	148.40	2.50	147.70	2.36	147.84	3.27	146.93	2.52	147.68	2.48	147.72	2.29	147.91	2.42	146.38	2.63	147.57	2.92	147.28	1.04	149.16	
SC-11US	PVC	151.75	3.84	147.91	3.73	148.02	3.91	147.84	4.32	147.43	3.85	147.90	3.91	147.84	3.98	147.77	3.82	148.95	4.23	147.52	4.18	147.57	3.62	148.13	
SC-11UUI	PVC	151.27	2.23	149.04	2.83	148.44	2.72	148.55	3.62	147.65	2.91	148.36	NM	NC	2.68	148.59	2.80	148.47	3.12	148.15	3.21	148.06	1.70	149.57	
SC-12US	PVC	169.29	19.54	149.75	21.05	148.24	18.73	150.56	19.99	149.30	19.16	150.13	19.06	150.23	18.54	150.75	19.06	150.23	18.87	150.42	19.52	149.77	17.10	152.19	
SC-12UUI	PVC	169.16	19.33	149.83	21.11	148.05	19.25	149.91	20.58	148.58	19.72	149.44	19.55	149.61	18.97	150.19	19.65	149.51	19.38	149.78	20.16	149.00	17.31	151.85	
SC-13US	PVC	166.98	14.22	152.76	15.90	151.08	14.53	152.45	16.79	150.19	15.42	151.56	15.04	151.94	14.68	152.30	15.26	151.72	15.29	151.69	16.22	150.76	13.88	153.10	
SC-14US	PVC	160.62	7.08	153.54	10.75	149.87	8.96	151.66	12.13	148.49	7.36	153.26	9.38	151.24	8.41	152.21	10.11	150.51	9.61	151.01	11.91	148.71	7.93	152.69	
SC-15US	PVC	156.15	9.65	146.50	11.16	144.99	10.46	145.69	12.24	143.91	10.80	145.35	10.55	145.60	10.03	146.12	11.63	144.52	10.58	145.57	11.78	144.37	8.60	147.55	

Notes:

1) Well elevation not available at time of water level measurement.

2) Well vandalized prior to May, 2003 water level measurement, top of PVC elevation and groundwater elevation are approximate.

3) NC= Not available, NM = Not Measured, NC = Not Calculated

4) PONDED=monitoring well INCcessible due to ponded water.

5) Shallow depth to water may be due to ponded water in the vicinity of the monitoring well.

6) Well casing repaired. Well may need to be re-surveyed.

7) All depths and elevations are in feet.

8) Depth to water measured from top of protective steel casing.

9) Could not measure, <0.1 ft from top of casing

TABLE 2
DOVER MUNICIPAL LANDFILL
WATER LEVEL SUMMARY

WELL ID	REFERENCE POINT	REFERENCE POINT ELEVATION	Jan-06 DEPTH TO WATER	Jan-06 WATER LEVEL ELEVATION	Oct-06 DEPTH TO WATER	Oct-06 WATER LEVEL ELEVATION	Jan-07 DEPTH TO WATER	Jan-07 WATER LEVEL ELEVATION	Nov-07 DEPTH TO WATER	Nov-07 WATER LEVEL ELEVATION	Jan-08 DEPTH TO WATER	Feb-08 WATER LEVEL ELEVATION	Nov-08 DEPTH TO WATER	Nov-08 WATER LEVEL ELEVATION	May-09 DEPTH TO WATER	May-09 WATER LEVEL ELEVATION	Nov-09 DEPTH TO WATER	Nov-09 WATER LEVEL ELEVATION	May-10 DEPTH TO WATER	May-10 WATER LEVEL ELEVATION	Nov-10 DEPTH TO WATER	Nov-10 WATER LEVEL ELEVATION	May-11 DEPTH TO WATER	May-11 WATER LEVEL ELEVATION	COMMENTS
SC-15U[1]	PVC	155.32	9.98	145.34	11.42	143.90	10.71	144.61	12.62	142.70	11.02	144.30	10.79	144.53	10.42	144.90	10.92	144.40	11.13	144.19	12.70	142.62	9.72	145.60	
SC-16U[5]	PVC	164.57	14.45	150.12	17.71	146.86	17.80	146.77	17.96	146.61	16.76	147.81	16.11	148.46	15.30	149.27	16.53	148.04	16.20	148.37	17.62	146.95	14.03	150.54	
SC-16U[1]	PVC	164.18	14.40	149.78	16.20	147.98	15.49	148.70	17.61	146.57	16.22	147.96	15.67	148.51	15.01	149.17	15.92	148.26	15.84	148.34	17.39	146.79	13.77	150.41	
SC-17U[5]	PVC	148.73	4.35	144.38	4.70	144.03	4.62	144.11	6.35	142.38	4.95	143.78	5.03	143.70	4.78	143.95	4.87	143.86	5.26	143.47	6.12	142.61	3.88	144.85	
SC-17U[1]	PVC	149.01	4.71	144.30	5.17	143.84	5.02	143.99	6.75	142.26	5.32	143.69	5.41	143.60	5.14	143.87	5.24	143.77	5.63	143.38	6.55	142.46	4.27	144.74	
SC-18U[5]	*PVC*	*150.83*	*2.46*	*148.23*	*2.72*	*147.11*	*3.89*	*145.93*	*4.40*	*146.43*	*2.80*	*147.03*	*3.82*	*147.01*	*2.84*	*146.99*	*3.72*	*147.11*	*4.08*	*145.77*	*NM*	*NC*	*2.72*	*148.08*	
SC-18U[1]	PVC	150.69	36.60	114.09	3.18	147.51	3.12	147.57	3.95	146.74	3.22	147.47	3.20	147.49	3.02	147.67	3.12	147.57	3.35	147.34	NM	NC	1.71	148.98	
SC-20U[5]	PVC	155.51	PONDED	NC	3.35	152.16	3.58	151.93	3.96	149.55	3.50	152.01	NM	NC	3.05	152.46	3.03	152.48	4.12	151.39	5.67	149.84	3.24	152.27	
SC-21	PVC	148.92	4.55	144.37	5.00	143.92	4.90	144.02	6.66	142.26	5.19	143.73	5.31	143.61	5.02	143.90	5.12	143.80	5.52	143.40	6.42	142.50	4.16	144.76	
SC-22U	PVC	145.30	20.89	124.41	22.24	123.06	21.97	123.33	23.09	122.21	22.47	122.83	22.42	122.88	22.26	123.04	22.32	122.98	22.34	122.96	23.08	122.22	22.01	123.29	
SC-22I	PVC	145.72	19.53	126.19	20.68	125.04	20.57	125.15	21.53	124.19	20.86	124.86	20.81	124.91	20.59	125.13	20.79	124.93	20.91	124.81	22.52	123.20	20.51	125.41	
SC-23S	PVC	146.08	2.85	143.23	4.70	141.38	4.55	141.53	7.34	138.74	4.62	141.46	4.74	141.34	3.99	142.09	4.20	141.88	5.31	140.77	7.28	138.82	2.71	143.37	
SC-23D	PVC	143.97	9.13	134.84	11.82	132.15	10.07	133.90	13.59	130.38	10.62	133.35	11.12	132.85	10.16	133.81	11.65	132.32	10.61	133.36	12.62	131.35	9.26	134.71	
SC-23S	PVC	143.87	5.90	137.97	7.05	136.82	7.00	136.87	9.51	134.36	7.17	136.70	7.08	136.79	6.88	136.99	7.25	136.62	7.62	136.25	9.09	134.78	5.71	138.16	
SC-24D	PVC	142.82	7.81	135.01	8.90	133.92	8.52	134.30	10.13	132.69	9.21	133.61	8.85	133.97	8.91	133.91	9.32	133.50	8.96	133.86	10.32	132.50	8.61	134.21	
SC-24I	PVC	143.12	4.83	138.29	5.50	137.62	5.55	137.57	6.84	136.28	5.60	137.52	5.42	137.70	5.36	137.76	5.55	137.57	5.85	137.27	6.69	136.43	5.00	138.12	
SC-24S	PVC	141.90	1.85	140.25	1.65	140.25	2.00	139.90	2.75	139.17	1.84	140.06	1.96	139.94	1.99	139.91	1.86	140.04	2.53	139.37	2.52	139.38	2.01	139.89	
SC-25	PVC	144.12	3.77	140.35	5.18	138.94	5.60	138.52	6.41	137.71	5.88	138.43	5.20	138.92	5.15	138.97	5.04	139.08	5.90	138.22	6.21	137.91	4.64	139.48	
SC-26	PVC	144.28	3.68	140.60	4.25	140.03	4.40	139.88	5.21	139.07	4.07	140.21	4.71	139.57	2.27	142.01	4.75	139.53	4.86	139.42	5.26	139.02	3.77	140.51	
SC-27	PVC	142.64	2.01	140.63	7.20	135.44	6.00	136.64	9.44	133.20	6.67	135.97	6.47	136.17	5.92	136.72	5.92	136.72	6.53	136.11	7.91	134.73	4.13	138.51	
RECENTLY INSTALLED WELLS																									
MW-200(S)	PVC	NOTE 1	NC	NC	NC	NC	NC	NC	2.97	NOTE 1	2.42	NOTE 1	2.41	NOTE 1	2.54	NOTE 1	2.31	NOTE 1	2.93	NOTE 1	2.82	NOTE 1	2.29	NOTE 1	
MW-200(D)	PVC	NOTE 1	NC	NC	NC	NC	NC	NC	0.97	NOTE 1	< 0.65	NOTE 1	NM	NC	NM	NC	NM	NC	NM	NC	NM	NC	1.72	NOTE 1	
MW-200(D)	PVC	NOTE 1	NC	NC	NC	NC	NC	NC	2.26	NOTE 1	1.50	NOTE 1	2.34	NOTE 1	1.12	NOTE 1	1.32	NOTE 1	1.38	NOTE 1	1.93	NOTE 1	0.00	NOTE 1	Artesian
MW-201(S)	PVC	NOTE 1	NC	NC	NC	NC	NC	NC	3.06	NOTE 1	2.58	NOTE 1	2.50	NOTE 1	2.62	NOTE 1	2.60	NOTE 1	3.44	NOTE 1	3.08	NOTE 1	2.84	NOTE 1	
MW-201(I)	*PVC*	*NOTE 1*	*NC*	*NC*	*NC*	*NC*	*NC*	*NC*	*2.29*	*NOTE 1*	*2.20*	*NOTE 1*	*NM*	*NOTE 1*	*1.28*	*NOTE 1*	*1.32*	*NOTE 1*	*1.70*	*NOTE 1*	*1.92*	*NOTE 1*	*0.93*	*NOTE 1*	
MW-201(D)	PVC	NOTE 1	NC	NC	NC	NC	NC	NC	3.43	NOTE 1	2.60	NOTE 1	1.21	NOTE 1	2.16	NOTE 1	2.52	NOTE 1	2.35	NOTE 1	3.21	NOTE 1	1.66	NOTE 1	
MW-202(S)	PVC	NOTE 1	NC	NC	NC	NC	NC	NC	2.13	NOTE 1	2.05	NOTE 1	2.02	NOTE 1	2.38	NOTE 1	1.95	NOTE 1	2.52	NOTE 1	2.04	NOTE 1	2.11	NOTE 1	
MW-203(S)	PVC	NOTE 1	NC	NC	NC	NC	NC	NC	5.95	NOTE 1	5.11	NOTE 1	5.12	NOTE 1	5.27	NOTE 1	4.66	NOTE 1	6.06	NOTE 1	5.71	NOTE 1	4.60	NOTE 1	
MW-204(S)	PVC	NOTE 1	NC	NC	NC	NC	NC	NC	3.94	NOTE 1	2.43	NOTE 1	2.46	NOTE 1	2.45	NOTE 1	2.39	NOTE 1	4.58	NOTE 1	3.15	NOTE 1	2.60	NOTE 1	
MW-204(IA)	PVC	NOTE 1	NC	NC	NC	NC	NC	NC	4.36	NOTE 1	2.95	NOTE 1	2.95	NOTE 1	2.97	NOTE 1	NM	NOTE 1	3.81	NOTE 1	3.46	NOTE 1	2.83	NOTE 1	
MW-204(IB)	PVC	NOTE 1	NC	NC	NC	NC	NC	NC	2.61	NOTE 1	1.77	NOTE 1	1.92	NOTE 1	1.63	NOTE 1	1.54	NOTE 1	NM	NOTE 1	2.30	NOTE 1	1.35	NOTE 1	
MW-204(D)	PVC	NOTE 1	NC	NC	NC	NC	NC	NC	3.29	NOTE 1	2.54	NOTE 1	2.41	NOTE 1	2.35	NOTE 1	2.52	NOTE 1	2.52	NOTE 1	3.22	NOTE 1	1.20	NOTE 1	
MW-205(I)	PVC	NOTE 1	NC	NC	NC	NC	NC	NC	5.35	NOTE 1	4.33	NOTE 1	4.28	NOTE 1	4.35	NOTE 1	4.22	NOTE 1	4.85	NOTE 1	4.60	NOTE 1	4.29	NOTE 1	
MW-206(I)	PVC	NOTE 1	NC	NC	NC	NC	NC	NC	3.65	NOTE 1	2.86	NOTE 1	2.85	NOTE 1	NM	NOTE 1	NM	NOTE 1	NM	NOTE 1	NM	NOTE 1	NM	NOTE 1	Not measured per Goodnight
SB-D3	PVC	NOTE 1	NC	NC	NC	NC	NC	NC	3.56	NOTE 1	2.41	NOTE 1	2.41	NOTE 1	2.45	NOTE 1	NM	NOTE 1	NM	NOTE 1	NM	NOTE 1	1.82	NOTE 1	
WELLS ADDED 2008 Q2																									
B-12U	PVC	NOTE 1	NC	NC	NC	NC	NC	NC	2.97	NOTE 1	4.43	NOTE 1	4.45	NOTE 1	3.15	NOTE 1	3.86	NOTE 1	4.05	NOTE 1	4.42	NOTE 1	3.81	NOTE 1	
B-12I	PVC	NOTE 1	NC	NC	NC	NC	NC	NC	0.97	NOTE 1	1.84	NOTE 1	1.96	NOTE 1	4.03	NOTE 1	Top of casing	NOTE 1	Top of casing	NOTE 1	3.03	NOTE 1	NM	NOTE 1	Note 9
B-12L	PVC	NOTE 1	NC	NC	NC	NC	NC	NC	2.26	NOTE 1	1.09	NOTE 1	0.90	NOTE 1	2.35	NOTE 1	Top of casing	NOTE 1	Top of casing	NOTE 1	2.25	NOTE 1	ARTESIAN	NOTE 1	
MW-107U[5]	PVC	NOTE 1	NC	NC	NC	NC	NC	NC	3.06	NOTE 1	3.59	NOTE 1	3.80	NOTE 1	3.59	NOTE 1	3.70	NOTE 1	3.76	NOTE 1	4.62	NOTE 1	2.97	NOTE 1	
MW-107U[1]	PVC	NOTE 1	NC	NC	NC	NC	NC	NC	2.29	NOTE 1	8.14	NOTE 1	8.44	NOTE 1	7.92	NOTE 1	8.57	NOTE 1	8.42	NOTE 1	9.71	NOTE 1	7.52	NOTE 1	
MW-107L[1]	PVC	NOTE 1	NC	NC	NC	NC	NC	NC	3.43	NOTE 1	16.05	NOTE 1	15.71	NOTE 1	15.57	NOTE 1	15.70	NOTE 1	15.85	NOTE 1	16.56	NOTE 1	15.16	NOTE 1	
MW-108U[1]	PVC	NOTE 1	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	5.51	NOTE 1	6.11	NOTE 1	6.79	NOTE 1	5.09	NOTE 1	
SURFACE WATER GAUGES ADDED 2008 Q2																									
SW-1	*Staff Gauge*	*NOTE 1*	*NC*	*NC*	*NC*	*NC*	*NC*	*NC*	*2.13*	*NOTE 1*	*NM*	*NC*	*NM*	*NC*	*NM*	*NC*	*NM*	*NC*	*NM*	*NC*	*NM*	*NC*	*NM*	*NC*	
SW-2	Staff Gauge	NOTE 1	NC	NC	NC	NC	NC	NC	5.95	NOTE 1	3.34	NOTE 1	NM	NC	NM	NC	NM	NC	NM	NC	NM	NC	NM	NC	
SW-3	Staff Gauge	NOTE 1	NC	NC	NC	NC	NC	NC	3.94	NOTE 1	NM	NOTE 1	NM	NC	NM	NC	NM	NC	NM	NC	NM	NC	NM	NC	
SW-4	Staff Gauge	NOTE 1	NC	NC	NC	NC	NC	NC	3.94	NOTE 1	NM	NOTE 1	NM	NC	NM	NC	NM	NC	NM	NC	NM	NC	NM	NC	
SW-5	Staff Gauge	NOTE 1	NC	NC	NC	NC	NC	NC	4.36	NOTE 1	NM	NOTE 1	NM	NC	NM	NC	NM	NC	NM	NC	NM	NC	NM	NC	
SW-6	Staff Gauge	NOTE 1	NC	NC	NC	NC	NC	NC	2.61	NOTE 1	3.03	NOTE 1	1.96	NOTE 1	3.11	NOTE 1	2.95	NOTE 1	2.21	NOTE 1	3.30	NOTE 1	3.15	NOTE 1	
SW-7	Staff Gauge	NOTE 1	NC	NC	NC	NC	NC	NC	3.29	NOTE 1	NM	NC	NM	NOTE 1	0.51	NOTE 1	NM	NC	NM	NC	NM	NC	NM	NC	
SW-8	Staff Gauge	NOTE 1	NC	NC	NC	NC	NC	NC	5.35	NOTE 1	4.82	NOTE 1	3.78	NOTE 1	3.44	NOTE 1	3.74	NOTE 1	Dry	NC	NM	NC	4.06	NOTE 1	
SW-E	Staff Gauge	NOTE 1	NC	NC	NC	NC	NC	NC	3.65	NOTE 1	1.21	NOTE 1	NM	NC	1.88	NOTE 1	3.02	NOTE 1	2.90	NOTE 1	NM	NC	2.01	NOTE 1	
SW-F	Staff Gauge	NOTE 1	NC	NC	NC	NC	NC	NC	3.56	NOTE 1	3.61	NOTE 1	NM	NC	NM	NC	3.51	NOTE 1	Dry	NC	NM	NC	3.48	NOTE 1	
SW-A	Staff Gauge	NOTE 1	NC	NC	NC	NC	NC	NC	3.56	NOTE 1	3.31	NOTE 1	NM	NC	NM	NC	NM	NC	Dry	NC	NM	NC	NM	NC	No Gauge
SW-B1	Staff Gauge	NOTE 1	NC	NC	NC	NC	NC	NC	3.56	NOTE 1	3.00	NOTE 1	2.42	NOTE 1	3.07	NOTE 1	2.88	NOTE 1	3.07	NOTE 1	2.80	NOTE 1	2.71	NOTE 1	
SW-B2	Staff Gauge	NOTE 1	NC	NC	NC	NC	NC	NC	3.56	NOTE 1	3.21	NOTE 1	2.75	NOTE 1	3.04	NOTE 1	2.88	NOTE 1	Dry	NC	3.08	NOTE 1	3.01	NOTE 1	

Notes:

1) Well elevation not available at time of water level measurement.

2) Well installed prior to May, 2003 water level measurement, top of PVC elevation and groundwater elevation are approximate.

3) NC= Not available, NM = Not Measured, NC = Not Calculated

4) PONDED=monitoring well (NC=unable due to ponded water.

5) Shallow depth to water may be due to ponded water in the vicinity of the monitoring well.

6) Well casing repaired. Well needs to be re-surveyed.

7) All depths and elevations are in feet.

8) Depth to water measured from top of protective steel casing.

9) Could not measure, est. 1 ft from top of casing

Prepared by: kEP
Checked by: JKU
Reviewed by:

APPENDIX A

ANALYTICAL RESULTS – EMP WELLS AND SURFACE WATER

APPENDIX A-1
VOLATILE ORGANIC COMPOUNDS

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/05/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 13-MAY-2011 21:50
Report Date: 06/07/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2515-7
Client ID: B-2U-211
SDG: DOV-88
Extracted by:
Extraction Method: SW846 5030
Analyst: DWM
Analysis Method: SW846 8260B
Lab Prep Batch: WG91526
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	1	1.0	1	1	0.4
75-01-4	Vinyl chloride	U	1	1.0	1	1	0.2
74-83-9	Bromomethane	U	1	1.0	1	1	0.5
75-00-3	Chloroethane	U	1	1.0	1	1	0.6
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.4
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	5	1.0	5	5	1
67-64-1	Acetone	U	5	1.0	5	5	2
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.2
156-59-2	cis-1,2-Dichloroethene		2	1.0	1	1	0.2
67-66-3	Chloroform	U	1	1.0	1	1	0.3
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.2
109-99-9	Tetrahydrofuran	U	5	1.0	5	5	2
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
78-93-3	2-Butanone	U	5	1.0	5	5	1
71-43-2	Benzene	U	1	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.3
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.2
108-88-3	Toluene	U	1	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	1
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
	m+p-Xylenes	U	2	1.0	2	2	0.6
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
460-00-4	P-Bromofluorobenzene		98%				
2037-26-5	Toluene-D8		103%				
17060-07-0	1,2-Dichloroethane-D4		102%				
1868-53-7	Dibromofluoromethane		110%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/04/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 13-MAY-2011 20:44
Report Date: 06/07/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2515-3
Client ID: B-8WT-211
SDG: DOV-88
Extracted by:
Extraction Method: SW846 5030
Analyst: DWM
Analysis Method: SW846 8260B
Lab Prep Batch: WG91526
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	1	1.0	1	1	0.4
75-01-4	Vinyl chloride	J	0.4	1.0	1	1	0.2
74-83-9	Bromomethane	U	1	1.0	1	1	0.5
75-00-3	Chloroethane	U	1	1.0	1	1	0.6
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.4
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	5	1.0	5	5	1
67-64-1	Acetone	U	5	1.0	5	5	2
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.2
156-59-2	cis-1,2-Dichloroethene	J	0.3	1.0	1	1	0.2
67-66-3	Chloroform	U	1	1.0	1	1	0.3
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.2
109-99-9	Tetrahydrofuran		35	1.0	5	5	2
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
78-93-3	2-Butanone	U	5	1.0	5	5	1
71-43-2	Benzene		1	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.3
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.2
108-88-3	Toluene	U	1	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	1
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene		2	1.0	1	1	0.2
100-41-4	Ethylbenzene		2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	J	2	1.0	3	3	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
	m+p-Xylenes	J	1	1.0	2	2	0.6
95-47-6	o-Xylene	J	0.3	1.0	1	1	0.2
460-00-4	P-Bromofluorobenzene		93%				
2037-26-5	Toluene-D8		95%				
17060-07-0	1,2-Dichloroethane-D4		96%				
1868-53-7	Dibromofluoromethane		101%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/12/11
Received Date: 05/13/11
Extraction Date:
Analysis Date: 20-MAY-2011 19:11
Report Date: 06/09/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2681-7
Client ID: B-9U-211
SDG: DOV-90
Extracted by:
Extraction Method: SW846 5030
Analyst: TTC
Analysis Method: SW846 8260B
Lab Prep Batch: WG91845
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	1	1.0	1	1	0.4
75-01-4	Vinyl chloride	U	1	1.0	1	1	0.2
74-83-9	Bromomethane	U	1	1.0	1	1	0.5
75-00-3	Chloroethane	U	1	1.0	1	1	0.6
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.4
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	5	1.0	5	5	1
67-64-1	Acetone	U	5	1.0	5	5	2
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.2
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.2
67-66-3	Chloroform	U	1	1.0	1	1	0.3
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.2
109-99-9	Tetrahydrofuran	U	5	1.0	5	5	2
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
78-93-3	2-Butanone	U	5	1.0	5	5	1
71-43-2	Benzene	U	1	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.3
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.2
108-88-3	Toluene	U	1	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	1
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
	m+p-Xylenes	U	2	1.0	2	2	0.6
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
460-00-4	P-Bromofluorobenzene		95%				
2037-26-5	Toluene-D8		99%				
17060-07-0	1,2-Dichloroethane-D4		95%				
1868-53-7	Dibromofluoromethane		92%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/12/11
Received Date: 05/13/11
Extraction Date:
Analysis Date: 20-MAY-2011 19:43
Report Date: 06/09/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2681-9
Client ID: B-9WT-211
SDG: DOV-90
Extracted by:
Extraction Method: SW846 5030
Analyst: TTC
Analysis Method: SW846 8260B
Lab Prep Batch: WG91845
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	1	1.0	1	1	0.4
75-01-4	Vinyl chloride	U	1	1.0	1	1	0.2
74-83-9	Bromomethane	U	1	1.0	1	1	0.5
75-00-3	Chloroethane	U	1	1.0	1	1	0.6
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.4
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	5	1.0	5	5	1
67-64-1	Acetone	U	5	1.0	5	5	2
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.2
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.2
67-66-3	Chloroform	U	1	1.0	1	1	0.3
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.2
109-99-9	Tetrahydrofuran	U	5	1.0	5	5	2
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
78-93-3	2-Butanone	U	5	1.0	5	5	1
71-43-2	Benzene	U	1	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.3
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.2
108-88-3	Toluene	U	1	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	1
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
	m+p-Xylenes	U	2	1.0	2	2	0.6
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
460-00-4	P-Bromofluorobenzene		96%				
2037-26-5	Toluene-D8		101%				
17060-07-0	1,2-Dichloroethane-D4		96%				
1868-53-7	Dibromofluoromethane		92%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/09/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 18-MAY-2011 16:32
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2611-3
Client ID: EP-1S-211
SDG: DOV-89
Extracted by:
Extraction Method: SW846 5030
Analyst: TTC
Analysis Method: SW846 8260B
Lab Prep Batch: WG91701
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	1	1.0	1	1	0.4
75-01-4	Vinyl chloride	U	1	1.0	1	1	0.2
74-83-9	Bromomethane	U	1	1.0	1	1	0.5
75-00-3	Chloroethane	U	1	1.0	1	1	0.6
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.4
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	5	1.0	5	5	1
67-64-1	Acetone	U	5	1.0	5	5	2
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.2
156-59-2	cis-1,2-Dichloroethene	J	0.2	1.0	1	1	0.2
67-66-3	Chloroform	U	1	1.0	1	1	0.3
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.2
109-99-9	Tetrahydrofuran	U	5	1.0	5	5	2
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
78-93-3	2-Butanone	U	5	1.0	5	5	1
71-43-2	Benzene	U	1	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.3
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.2
108-88-3	Toluene	U	1	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	1
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
	m+p-Xylenes	U	2	1.0	2	2	0.6
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
460-00-4	P-Bromofluorobenzene		76%				
2037-26-5	Toluene-D8		83%				
17060-07-0	1,2-Dichloroethane-D4		77%				
1868-53-7	Dibromofluoromethane		90%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/09/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 19-MAY-2011 00:01
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2611-7
Client ID: EP-1I-211
SDG: DOV-89
Extracted by:
Extraction Method: SW846 5030
Analyst: DJP
Analysis Method: SW846 8260B
Lab Prep Batch: WG91716
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	1	1.0	1	1	0.4
75-01-4	Vinyl chloride		11	1.0	1	1	0.2
74-83-9	Bromomethane	U	1	1.0	1	1	0.5
75-00-3	Chloroethane	J	0.7	1.0	1	1	0.6
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.4
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	5	1.0	5	5	1
67-64-1	Acetone	J	3	1.0	5	5	2
156-60-5	trans-1,2-Dichloroethene	J	0.5	1.0	1	1	0.2
75-34-3	1,1-Dichloroethane		2	1.0	1	1	0.2
156-59-2	cis-1,2-Dichloroethene		19	1.0	1	1	0.2
67-66-3	Chloroform	U	1	1.0	1	1	0.3
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.2
109-99-9	Tetrahydrofuran		120	1.0	5	5	2
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
78-93-3	2-Butanone	U	5	1.0	5	5	1
71-43-2	Benzene		39	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane		2	1.0	1	1	0.2
79-01-6	Trichloroethene		3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.3
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.2
108-88-3	Toluene	J	0.4	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	1
127-18-4	Tetrachloroethene		4	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene		17	1.0	1	1	0.2
100-41-4	Ethylbenzene		7	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
	m+p-Xylenes	U	2	1.0	2	2	0.6
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
460-00-4	P-Bromofluorobenzene		93%				
2037-26-5	Toluene-D8		104%				
17060-07-0	1,2-Dichloroethane-D4		97%				
1868-53-7	Dibromofluoromethane		110%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/09/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 18-MAY-2011 23:29
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2611-5
Client ID: EP-1D-211
SDG: DOV-89
Extracted by:
Extraction Method: SW846 5030
Analyst: DJP
Analysis Method: SW846 8260B
Lab Prep Batch: WG91716
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	1	1.0	1	1	0.4
75-01-4	Vinyl chloride	U	0.4	1.0	1	1	0.2
74-83-9	Bromomethane	U	1	1.0	1	1	0.5
75-00-3	Chloroethane	U	1	1.0	1	1	0.6
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.4
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	5	1.0	5	5	1
67-64-1	Acetone	U	5	1.0	5	5	2
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.2
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.2
67-66-3	Chloroform	U	1	1.0	1	1	0.3
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.2
109-99-9	Tetrahydrofuran	U	5	1.0	5	5	2
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
78-93-3	2-Butanone	U	5	1.0	5	5	1
71-43-2	Benzene	U	1	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.3
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.2
108-88-3	Toluene	U	1	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	1
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
	m+p-Xylenes	U	2	1.0	2	2	0.6
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
460-00-4	P-Bromofluorobenzene		92%				
2037-26-5	Toluene-D8		102%				
17060-07-0	1,2-Dichloroethane-D4		92%				
1868-53-7	Dibromofluoromethane		110%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/05/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 18-MAY-2011 09:27
Report Date: 06/07/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2518-19
Client ID: EP-2S-211
SDG: DOV-88
Extracted by:
Extraction Method: SW846 5030
Analyst: TTC
Analysis Method: SW846 8260B
Lab Prep Batch: WG91701
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	2	1.0	2	2	0.2
74-87-3	Chloromethane	U	1	1.0	1	1	0.4
75-01-4	Vinyl chloride	U	1	1.0	1	1	0.2
74-83-9	Bromomethane	U	1	1.0	1	1	0.5
75-00-3	Chloroethane	U	1	1.0	1	1	0.6
75-69-4	Trichlorofluoromethane	U	2	1.0	2	2	0.2
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.4
75-09-2	Methylene Chloride	U	5	1.0	5	5	1
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.2
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	1	1.0	1	1	0.2
594-20-7	2,2-Dichloropropane	U	1	1.0	1	1	0.2
67-66-3	Chloroform	U	1	1.0	1	1	0.3
74-97-5	Bromochloromethane	U	1	1.0	1	1	0.2
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
563-58-6	1,1-Dichloropropene	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.2
71-43-2	Benzene		2	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.3
74-95-3	Dibromomethane	U	1	1.0	1	1	0.5
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.3
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.2
108-88-3	Toluene	U	1	1.0	1	1	0.3
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
142-28-9	1,3-Dichloropropane	U	1	1.0	1	1	0.2
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	1	1.0	1	1	0.2
108-90-7	Chlorobenzene		14	1.0	1	1	0.2
630-20-6	1,1,1,2-Tetrachloroethane	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
96-18-4	1,2,3-Trichloropropane	U	1	1.0	1	1	0.2
98-82-8	Isopropylbenzene		1	1.0	1	1	0.2
108-86-1	Bromobenzene	U	1	1.0	1	1	0.2
95-49-8	2-Chlorotoluene	U	1	1.0	1	1	0.2
103-65-1	N-Propylbenzene	U	0.5	1.0	1	1	0.3

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/05/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 18-MAY-2011 09:27
Report Date: 06/07/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2518-19
Client ID: EP-2S-211
SDG: DOV-88
Extracted by:
Extraction Method: SW846 5030
Analyst: TTC
Analysis Method: SW846 8260B
Lab Prep Batch: WG91701
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-43-4	4-Chlorotoluene	U	1	1.0	1	1	0.3
108-67-8	1,3,5-Trimethylbenzene	U	1	1.0	1	1	0.2
98-06-6	tert-Butylbenzene	U	1	1.0	1	1	0.3
120-82-1	1,2,4-Trichlorobenzene	U	1	1.0	1	1	0.4
135-98-8	sec-Butylbenzene	J	0.3	1.0	1	1	0.2
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.3
99-87-6	P-Isopropyltoluene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene		4	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	J	0.5	1.0	1	1	0.2
104-51-8	N-Butylbenzene	U	1	1.0	1	1	0.2
96-12-8	1,2-Dibromo-3-Chloropropane	U	1	1.0	1	1	0.5
95-63-6	1,2,4-Trimethylbenzene	U	1	1.0	1	1	0.2
91-20-3	Naphthalene		3	1.0	1	1	0.3
87-68-3	Hexachlorobutadiene	U	1	1.0	1	1	0.5
87-61-6	1,2,3-Trichlorobenzene	U	1	1.0	1	1	0.3
1634-04-4	Methyl tert-butyl ether	U	1	1.0	1	1	0.4
67-64-1	Acetone	U	5	1.0	5	5	2
78-93-3	2-Butanone	U	5	1.0	5	5	1
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	1
591-78-6	2-Hexanone	U	5	1.0	5	5	2
	m+p-Xylenes	U	2	1.0	2	2	0.6
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.2
108-70-3	1,3,5-Trichlorobenzene	U	1	1.0	1	1	0.2
108-05-4	Vinyl Acetate	U	1	1.0	1	1	0.4
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
60-29-7	Diethyl Ether	J	0.4	1.0	1	1	0.4
109-99-9	Tetrahydrofuran	U	5	1.0	5	5	2
994-05-8	Tertiary-amyl methyl ether	U	1	1.0	1	1	0.2
637-92-3	Ethyl tertiary-butyl ether	U	1	1.0	1	1	0.2
108-20-3	Di-isopropyl ether	U	1	1.0	1	1	0.2
75-65-0	Tertiary-butyl alcohol	U	5	1.0	5	5	2
460-00-4	P-Bromofluorobenzene		85%				
2037-26-5	Toluene-D8		93%				
17060-07-0	1,2-Dichloroethane-D4		87%				
1868-53-7	Dibromofluoromethane		98%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/05/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 18-MAY-2011 08:54
Report Date: 06/07/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2518-17
Client ID: EP-2D-211
SDG: DOV-88
Extracted by:
Extraction Method: SW846 5030
Analyst: TTC
Analysis Method: SW846 8260B
Lab Prep Batch: WG91701
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	2	1.0	2	2	0.2
74-87-3	Chloromethane	U	1	1.0	1	1	0.4
75-01-4	Vinyl chloride		2	1.0	1	1	0.2
74-83-9	Bromomethane	U	1	1.0	1	1	0.5
75-00-3	Chloroethane	U	1	1.0	1	1	0.6
75-69-4	Trichlorofluoromethane	U	2	1.0	2	2	0.2
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.4
75-09-2	Methylene Chloride	U	5	1.0	5	5	1
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.2
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	1	1.0	1	1	0.2
594-20-7	2,2-Dichloropropane	U	1	1.0	1	1	0.2
67-66-3	Chloroform	U	1	1.0	1	1	0.3
74-97-5	Bromochloromethane	U	1	1.0	1	1	0.2
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
563-58-6	1,1-Dichloropropene	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.2
71-43-2	Benzene		14	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.3
74-95-3	Dibromomethane	U	1	1.0	1	1	0.5
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.3
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.2
108-88-3	Toluene	J	0.4	1.0	1	1	0.3
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
142-28-9	1,3-Dichloropropane	U	1	1.0	1	1	0.2
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	1	1.0	1	1	0.2
108-90-7	Chlorobenzene		25	1.0	1	1	0.2
630-20-6	1,1,1,2-Tetrachloroethane	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene		12	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
96-18-4	1,2,3-Trichloropropane	U	1	1.0	1	1	0.2
98-82-8	Isopropylbenzene		14	1.0	1	1	0.2
108-86-1	Bromobenzene	U	1	1.0	1	1	0.2
95-49-8	2-Chlorotoluene	U	1	1.0	1	1	0.2
103-65-1	N-Propylbenzene		4	1.0	1	1	0.3

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/05/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 18-MAY-2011 08:54
Report Date: 06/07/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2518-17
Client ID: EP-2D-211
SDG: DOV-88
Extracted by:
Extraction Method: SW846 5030
Analyst: TTC
Analysis Method: SW846 8260B
Lab Prep Batch: WG91701
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-43-4	4-Chlorotoluene	U	1	1.0	1	1	0.3
108-67-8	1,3,5-Trimethylbenzene	J	0.2	1.0	1	1	0.2
98-06-6	tert-Butylbenzene	U	1	1.0	1	1	0.3
120-82-1	1,2,4-Trichlorobenzene	U	1	1.0	1	1	0.4
135-98-8	sec-Butylbenzene	J	0.6	1.0	1	1	0.2
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.3
99-87-6	P-Isopropyltoluene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene		8	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	J	0.8	1.0	1	1	0.2
104-51-8	N-Butylbenzene	J	0.4	1.0	1	1	0.2
96-12-8	1,2-Dibromo-3-Chloropropane	U	1	1.0	1	1	0.5
95-63-6	1,2,4-Trimethylbenzene	J	0.7	1.0	1	1	0.2
91-20-3	Naphthalene		4	1.0	1	1	0.3
87-68-3	Hexachlorobutadiene	U	1	1.0	1	1	0.5
87-61-6	1,2,3-Trichlorobenzene	U	1	1.0	1	1	0.3
1634-04-4	Methyl tert-butyl ether	U	1	1.0	1	1	0.4
67-64-1	Acetone	J	3	1.0	5	5	2
78-93-3	2-Butanone	U	5	1.0	5	5	1
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	1
591-78-6	2-Hexanone	U	5	1.0	5	5	2
	m+p-Xylenes	J	1	1.0	2	2	0.6
95-47-6	o-Xylene	J	0.6	1.0	1	1	0.2
1330-20-7	Xylenes (total)	J	2	1.0	3	3	0.2
108-70-3	1,3,5-Trichlorobenzene	U	1	1.0	1	1	0.2
108-05-4	Vinyl Acetate	U	1	1.0	1	1	0.4
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
60-29-7	Diethyl Ether	J	0.9	1.0	1	1	0.4
109-99-9	Tetrahydrofuran	U	5	1.0	5	5	2
994-05-8	Tertiary-amyl methyl ether	U	1	1.0	1	1	0.2
637-92-3	Ethyl tertiary-butyl ether	U	1	1.0	1	1	0.2
108-20-3	Di-isopropyl ether	U	1	1.0	1	1	0.2
75-65-0	Tertiary-butyl alcohol	U	5	1.0	5	5	2
460-00-4	P-Bromofluorobenzene		87%				
2037-26-5	Toluene-D8		94%				
17060-07-0	1,2-Dichloroethane-D4		90%				
1868-53-7	Dibromofluoromethane		102%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/05/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 18-MAY-2011 10:32
Report Date: 06/07/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2518-23
Client ID: MW-103(S)-211
SDG: DOV-88
Extracted by:
Extraction Method: SW846 5030
Analyst: TTC
Analysis Method: SW846 8260B
Lab Prep Batch: WG91701
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	2	1.0	2	2	0.2
74-87-3	Chloromethane	U	1	1.0	1	1	0.4
75-01-4	Vinyl chloride	U	1	1.0	1	1	0.2
74-83-9	Bromomethane	U	1	1.0	1	1	0.5
75-00-3	Chloroethane	U	1	1.0	1	1	0.6
75-69-4	Trichlorofluoromethane	U	2	1.0	2	2	0.2
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.4
75-09-2	Methylene Chloride	U	5	1.0	5	5	1
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.2
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	1	1.0	1	1	0.2
594-20-7	2,2-Dichloropropane	U	1	1.0	1	1	0.2
67-66-3	Chloroform	U	1	1.0	1	1	0.3
74-97-5	Bromochloromethane	U	1	1.0	1	1	0.2
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
563-58-6	1,1-Dichloropropene	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.2
71-43-2	Benzene		31	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.3
74-95-3	Dibromomethane	U	1	1.0	1	1	0.5
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.3
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.2
108-88-3	Toluene	J	0.9	1.0	1	1	0.3
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
142-28-9	1,3-Dichloropropane	U	1	1.0	1	1	0.2
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	1	1.0	1	1	0.2
108-90-7	Chlorobenzene		27	1.0	1	1	0.2
630-20-6	1,1,1,2-Tetrachloroethane	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene		14	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
96-18-4	1,2,3-Trichloropropane	U	1	1.0	1	1	0.2
98-82-8	Isopropylbenzene		28	1.0	1	1	0.2
108-86-1	Bromobenzene	U	1	1.0	1	1	0.2
95-49-8	2-Chlorotoluene	U	1	1.0	1	1	0.2
103-65-1	N-Propylbenzene		32	1.0	1	1	0.3

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/05/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 18-MAY-2011 10:32
Report Date: 06/07/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2518-23
Client ID: MW-103(S)-211
SDG: DOV-88
Extracted by:
Extraction Method: SW846 5030
Analyst: TTC
Analysis Method: SW846 8260B
Lab Prep Batch: WG91701
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-43-4	4-Chlorotoluene	U	1	1.0	1	1	0.3
108-67-8	1,3,5-Trimethylbenzene		43	1.0	1	1	0.2
98-06-6	tert-Butylbenzene	U	1	1.0	1	1	0.3
120-82-1	1,2,4-Trichlorobenzene	J	0.4	1.0	1	1	0.4
135-98-8	sec-Butylbenzene	U	1	1.0	1	1	0.2
541-73-1	1,3-Dichlorobenzene	J	0.4	1.0	1	1	0.3
99-87-6	P-Isopropyltoluene		2	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene		14	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene		1	1.0	1	1	0.2
104-51-8	N-Butylbenzene	J	0.8	1.0	1	1	0.2
96-12-8	1,2-Dibromo-3-Chloropropane	U	1	1.0	1	1	0.5
95-63-6	1,2,4-Trimethylbenzene		110	1.0	1	1	0.2
91-20-3	Naphthalene		17	1.0	1	1	0.3
87-68-3	Hexachlorobutadiene	U	1	1.0	1	1	0.5
87-61-6	1,2,3-Trichlorobenzene	U	1	1.0	1	1	0.3
1634-04-4	Methyl tert-butyl ether	U	1	1.0	1	1	0.4
67-64-1	Acetone	U	5	1.0	5	5	2
78-93-3	2-Butanone	U	5	1.0	5	5	1
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	1
591-78-6	2-Hexanone	U	5	1.0	5	5	2
	m+p-Xylenes		290	1.0	2	2	0.6
95-47-6	o-Xylene		2	1.0	1	1	0.2
1330-20-7	Xylenes (total)		290	1.0	3	3	0.2
108-70-3	1,3,5-Trichlorobenzene	U	1	1.0	1	1	0.2
108-05-4	Vinyl Acetate	U	1	1.0	1	1	0.4
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
60-29-7	Diethyl Ether		12	1.0	1	1	0.4
109-99-9	Tetrahydrofuran		74	1.0	5	5	2
994-05-8	Tertiary-amyl methyl ether	U	1	1.0	1	1	0.2
637-92-3	Ethyl tertiary-butyl ether	U	1	1.0	1	1	0.2
108-20-3	Di-isopropyl ether	U	1	1.0	1	1	0.2
75-65-0	Tertiary-butyl alcohol	U	5	1.0	5	5	2
460-00-4	P-Bromofluorobenzene		90%				
2037-26-5	Toluene-D8		102%				
17060-07-0	1,2-Dichloroethane-D4		97%				
1868-53-7	Dibromofluoromethane		105%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/05/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 18-MAY-2011 11:05
Report Date: 06/07/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2518-25
Client ID: MW-103(U)-211
SDG: DOV-88
Extracted by:
Extraction Method: SW846 5030
Analyst: TTC
Analysis Method: SW846 8260B
Lab Prep Batch: WG91701
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	J	1.0	1.0	2	2	0.2
74-87-3	Chloromethane	U	1	1.0	1	1	0.4
75-01-4	Vinyl chloride		1	1.0	1	1	0.2
74-83-9	Bromomethane	U	1	1.0	1	1	0.5
75-00-3	Chloroethane	U	1	1.0	1	1	0.6
75-69-4	Trichlorofluoromethane	U	2	1.0	2	2	0.2
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.4
75-09-2	Methylene Chloride	U	5	1.0	5	5	1
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.2
75-34-3	1,1-Dichloroethane		1	1.0	1	1	0.2
156-59-2	cis-1,2-Dichloroethene	J	0.6	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	J	0.6	1.0	1	1	0.2
594-20-7	2,2-Dichloropropane	U	1	1.0	1	1	0.2
67-66-3	Chloroform	U	1	1.0	1	1	0.3
74-97-5	Bromochloromethane	U	1	1.0	1	1	0.2
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
563-58-6	1,1-Dichloropropene	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.2
71-43-2	Benzene		46	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane		2	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.3
74-95-3	Dibromomethane	U	1	1.0	1	1	0.5
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.3
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.2
108-88-3	Toluene		2	1.0	1	1	0.3
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
142-28-9	1,3-Dichloropropane	U	1	1.0	1	1	0.2
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	1	1.0	1	1	0.2
108-90-7	Chlorobenzene		4	1.0	1	1	0.2
630-20-6	1,1,1,2-Tetrachloroethane	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene		23	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
96-18-4	1,2,3-Trichloropropane	U	1	1.0	1	1	0.2
98-82-8	Isopropylbenzene		46	1.0	1	1	0.2
108-86-1	Bromobenzene	U	1	1.0	1	1	0.2
95-49-8	2-Chlorotoluene	U	1	1.0	1	1	0.2
103-65-1	N-Propylbenzene		3	1.0	1	1	0.3

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/05/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 18-MAY-2011 11:05
Report Date: 06/07/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2518-25
Client ID: MW-103(U)-211
SDG: DOV-88
Extracted by:
Extraction Method: SW846 5030
Analyst: TTC
Analysis Method: SW846 8260B
Lab Prep Batch: WG91701
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-43-4	4-Chlorotoluene	U	1	1.0	1	1	0.3
108-67-8	1,3,5-Trimethylbenzene		4	1.0	1	1	0.2
98-06-6	tert-Butylbenzene	U	1	1.0	1	1	0.3
120-82-1	1,2,4-Trichlorobenzene	U	1	1.0	1	1	0.4
135-98-8	sec-Butylbenzene	U	1	1.0	1	1	0.2
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.3
99-87-6	P-Isopropyltoluene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	J	0.3	1.0	1	1	0.2
104-51-8	N-Butylbenzene	U	1	1.0	1	1	0.2
96-12-8	1,2-Dibromo-3-Chloropropane	U	1	1.0	1	1	0.5
95-63-6	1,2,4-Trimethylbenzene		15	1.0	1	1	0.2
91-20-3	Naphthalene		4	1.0	1	1	0.3
87-68-3	Hexachlorobutadiene	U	1	1.0	1	1	0.5
87-61-6	1,2,3-Trichlorobenzene	U	1	1.0	1	1	0.3
1634-04-4	Methyl tert-butyl ether	U	1	1.0	1	1	0.4
67-64-1	Acetone	U	5	1.0	5	5	2
78-93-3	2-Butanone	U	5	1.0	5	5	1
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	1
591-78-6	2-Hexanone	U	5	1.0	5	5	2
	m+p-Xylenes		42	1.0	2	2	0.6
95-47-6	o-Xylene		4	1.0	1	1	0.2
1330-20-7	Xylenes (total)		46	1.0	3	3	0.2
108-70-3	1,3,5-Trichlorobenzene	U	1	1.0	1	1	0.2
108-05-4	Vinyl Acetate	U	1	1.0	1	1	0.4
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
60-29-7	Diethyl Ether		8	1.0	1	1	0.4
109-99-9	Tetrahydrofuran		32	1.0	5	5	2
994-05-8	Tertiary-amyl methyl ether	U	1	1.0	1	1	0.2
637-92-3	Ethyl tertiary-butyl ether	U	1	1.0	1	1	0.2
108-20-3	Di-isopropyl ether	J	0.3	1.0	1	1	0.2
75-65-0	Tertiary-butyl alcohol	U	5	1.0	5	5	2
460-00-4	P-Bromofluorobenzene		92%				
2037-26-5	Toluene-D8		100%				
17060-07-0	1,2-Dichloroethane-D4		96%				
1868-53-7	Dibromofluoromethane		103%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/13/11
Received Date: 05/13/11
Extraction Date:
Analysis Date: 20-MAY-2011 20:16
Report Date: 06/09/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2681-11
Client ID: MW-104S-211
SDG: DOV-90
Extracted by:
Extraction Method: SW846 5030
Analyst: TTC
Analysis Method: SW846 8260B
Lab Prep Batch: WG91845
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	1	1.0	1	1	0.4
75-01-4	Vinyl chloride	U	1	1.0	1	1	0.2
74-83-9	Bromomethane	U	1	1.0	1	1	0.5
75-00-3	Chloroethane	U	1	1.0	1	1	0.6
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.4
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	5	1.0	5	5	1
67-64-1	Acetone	U	5	1.0	5	5	2
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.2
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.2
67-66-3	Chloroform	U	1	1.0	1	1	0.3
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.2
109-99-9	Tetrahydrofuran	U	5	1.0	5	5	2
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
78-93-3	2-Butanone	U	5	1.0	5	5	1
71-43-2	Benzene		6	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.3
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.2
108-88-3	Toluene	J	0.5	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	1
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene		27	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.2
1330-20-7	Xylenes (total)		200	1.0	3	3	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
	m+p-Xylenes		200	1.0	2	2	0.6
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
460-00-4	P-Bromofluorobenzene		97%				
2037-26-5	Toluene-D8		100%				
17060-07-0	1,2-Dichloroethane-D4		94%				
1868-53-7	Dibromofluoromethane		91%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/13/11
Received Date: 05/13/11
Extraction Date:
Analysis Date: 23-MAY-2011 17:41
Report Date: 06/09/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2681-15
Client ID: MW-104U-211
SDG: DOV-90
Extracted by:
Extraction Method: SW846 5030
Analyst: DWM
Analysis Method: SW846 8260B
Lab Prep Batch: WG91907
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	1	1.0	1	1	0.4
75-01-4	Vinyl chloride	U	1	1.0	1	1	0.2
74-83-9	Bromomethane	U	1	1.0	1	1	0.5
75-00-3	Chloroethane	U	1	1.0	1	1	0.6
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.4
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	5	1.0	5	5	1
67-64-1	Acetone	U	5	1.0	5	5	2
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.2
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.2
67-66-3	Chloroform	U	1	1.0	1	1	0.3
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.2
109-99-9	Tetrahydrofuran	U	5	1.0	5	5	2
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
78-93-3	2-Butanone	U	5	1.0	5	5	1
71-43-2	Benzene		1	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.3
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.2
108-88-3	Toluene	U	1	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	1
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene		3	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
	m+p-Xylenes	U	2	1.0	2	2	0.6
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
460-00-4	P-Bromofluorobenzene		98%				
2037-26-5	Toluene-D8		101%				
17060-07-0	1,2-Dichloroethane-D4		98%				
1868-53-7	Dibromofluoromethane		96%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/11/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 23-MAY-2011 17:09
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2609-9
Client ID: OW-4A-211
SDG: DOV-89
Extracted by:
Extraction Method: SW846 5030
Analyst: DWM
Analysis Method: SW846 8260B
Lab Prep Batch: WG91907
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	2	1.0	2	2	0.2
74-87-3	Chloromethane	U	1	1.0	1	1	0.4
75-01-4	Vinyl chloride		1	1.0	1	1	0.2
74-83-9	Bromomethane	U	1	1.0	1	1	0.5
75-00-3	Chloroethane	U	1	1.0	1	1	0.6
75-69-4	Trichlorofluoromethane	U	2	1.0	2	2	0.2
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.4
75-09-2	Methylene Chloride	U	5	1.0	5	5	1
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.2
75-34-3	1,1-Dichloroethane	J	0.5	1.0	1	1	0.2
156-59-2	cis-1,2-Dichloroethene		10	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)		10	1.0	1	1	0.2
594-20-7	2,2-Dichloropropane	U	1	1.0	1	1	0.2
67-66-3	Chloroform	U	1	1.0	1	1	0.3
74-97-5	Bromochloromethane	U	1	1.0	1	1	0.2
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
563-58-6	1,1-Dichloropropene	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.2
71-43-2	Benzene	J	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	J	0.4	1.0	1	1	0.3
74-95-3	Dibromomethane	U	1	1.0	1	1	0.5
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.3
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.2
108-88-3	Toluene	U	1	1.0	1	1	0.3
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
142-28-9	1,3-Dichloropropane	U	1	1.0	1	1	0.2
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	1	1.0	1	1	0.2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
630-20-6	1,1,1,2-Tetrachloroethane	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
96-18-4	1,2,3-Trichloropropane	U	1	1.0	1	1	0.2
98-82-8	Isopropylbenzene	U	1	1.0	1	1	0.2
108-86-1	Bromobenzene	U	1	1.0	1	1	0.2
95-49-8	2-Chlorotoluene	U	1	1.0	1	1	0.2
103-65-1	N-Propylbenzene	U	1	1.0	1	1	0.3

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/11/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 23-MAY-2011 17:09
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2609-9
Client ID: OW-4A-211
SDG: DOV-89
Extracted by:
Extraction Method: SW846 5030
Analyst: DWM
Analysis Method: SW846 8260B
Lab Prep Batch: WG91907
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-43-4	4-Chlorotoluene	U	1	1.0	1	1	0.3
108-67-8	1,3,5-Trimethylbenzene	U	1	1.0	1	1	0.2
98-06-6	tert-Butylbenzene	U	1	1.0	1	1	0.3
120-82-1	1,2,4-Trichlorobenzene	U	1	1.0	1	1	0.4
135-98-8	sec-Butylbenzene	U	1	1.0	1	1	0.2
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.3
99-87-6	P-Isopropyltoluene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
104-51-8	N-Butylbenzene	U	1	1.0	1	1	0.2
96-12-8	1,2-Dibromo-3-Chloropropane	U	1	1.0	1	1	0.5
95-63-6	1,2,4-Trimethylbenzene	U	1	1.0	1	1	0.2
91-20-3	Naphthalene	U	1	1.0	1	1	0.3
87-68-3	Hexachlorobutadiene	U	1	1.0	1	1	0.5
87-61-6	1,2,3-Trichlorobenzene	U	1	1.0	1	1	0.3
1634-04-4	Methyl tert-butyl ether	U	1	1.0	1	1	0.4
67-64-1	Acetone	U	5	1.0	5	5	2
78-93-3	2-Butanone	U	5	1.0	5	5	1
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	1
591-78-6	2-Hexanone	U	5	1.0	5	5	2
	m+p-Xylenes	U	2	1.0	2	2	0.6
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.2
108-70-3	1,3,5-Trichlorobenzene	U	1	1.0	1	1	0.2
108-05-4	Vinyl Acetate	U	1	1.0	1	1	0.4
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
60-29-7	Diethyl Ether	U	1	1.0	1	1	0.4
109-99-9	Tetrahydrofuran	U	5	1.0	5	5	2
994-05-8	Tertiary-amyl methyl ether	U	1	1.0	1	1	0.2
637-92-3	Ethyl tertiary-butyl ether	U	1	1.0	1	1	0.2
108-20-3	Di-isopropyl ether	U	1	1.0	1	1	0.2
75-65-0	Tertiary-butyl alcohol	U	5	1.0	5	5	2
460-00-4	P-Bromofluorobenzene		97%				
2037-26-5	Toluene-D8		101%				
17060-07-0	1,2-Dichloroethane-D4		97%				
1868-53-7	Dibromofluoromethane		98%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/05/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 13-MAY-2011 21:17
Report Date: 06/07/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2515-5
Client ID: SB-5D-211
SDG: DOV-88
Extracted by:
Extraction Method: SW846 5030
Analyst: DWM
Analysis Method: SW846 8260B
Lab Prep Batch: WG91526
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	1	1.0	1	1	0.4
75-01-4	Vinyl chloride		2	1.0	1	1	0.2
74-83-9	Bromomethane	U	1	1.0	1	1	0.5
75-00-3	Chloroethane	U	1	1.0	1	1	0.6
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.4
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	1	1.0	5	5	1
67-64-1	Acetone	U	4	1.0	5	5	2
156-60-5	trans-1,2-Dichloroethene		1	1.0	1	1	0.2
75-34-3	1,1-Dichloroethane		14	1.0	1	1	0.2
156-59-2	cis-1,2-Dichloroethene		4	1.0	1	1	0.2
67-66-3	Chloroform	U	1	1.0	1	1	0.3
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.2
109-99-9	Tetrahydrofuran		500	1.0	5	5	2
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
78-93-3	2-Butanone	U	5	1.0	5	5	1
71-43-2	Benzene		4	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane		3	1.0	1	1	0.2
79-01-6	Trichloroethene		6	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.3
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.2
108-88-3	Toluene		11	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone		31	1.0	5	5	1
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	2	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene		12	1.0	1	1	0.2
1330-20-7	Xylenes (total)		38	1.0	3	3	0.2
100-42-5	Styrene	J	0.2	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
	m+p-Xylenes		30	1.0	2	2	0.6
95-47-6	o-Xylene		8	1.0	1	1	0.2
460-00-4	P-Bromofluorobenzene		87%				
2037-26-5	Toluene-D8		95%				
17060-07-0	1,2-Dichloroethane-D4		94%				
1868-53-7	Dibromofluoromethane		95%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/04/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 13-MAY-2011 20:11
Report Date: 06/07/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2515-1
Client ID: SB-8D-211
SDG: DOV-88
Extracted by:
Extraction Method: SW846 5030
Analyst: DWM
Analysis Method: SW846 8260B
Lab Prep Batch: WG91526
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	1	1.0	1	1	0.4
75-01-4	Vinyl chloride	U	1	1.0	1	1	0.2
74-83-9	Bromomethane	U	1	1.0	1	1	0.5
75-00-3	Chloroethane	U	1	1.0	1	1	0.6
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.4
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	5	1.0	5	5	1
67-64-1	Acetone	U	5	1.0	5	5	2
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.2
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.2
67-66-3	Chloroform	U	1	1.0	1	1	0.3
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.2
109-99-9	Tetrahydrofuran	U	5	1.0	5	5	2
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
78-93-3	2-Butanone	U	5	1.0	5	5	1
71-43-2	Benzene	U	1	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.3
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.2
108-88-3	Toluene	U	1	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	1
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
	m+p-Xylenes	U	2	1.0	2	2	0.6
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
460-00-4	P-Bromofluorobenzene		93%				
2037-26-5	Toluene-D8		98%				
17060-07-0	1,2-Dichloroethane-D4		95%				
1868-53-7	Dibromofluoromethane		103%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/10/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 20-MAY-2011 04:37
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2609-3
Client ID: SB-10I-211
SDG: DOV-89
Extracted by:
Extraction Method: SW846 5030
Analyst: DJP
Analysis Method: SW846 8260B
Lab Prep Batch: WG91779
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	J	0.3	1.0	2	2	0.2
74-87-3	Chloromethane	U	1	1.0	1	1	0.4
75-01-4	Vinyl chloride		7	1.0	1	1	0.2
74-83-9	Bromomethane	U	1	1.0	1	1	0.5
75-00-3	Chloroethane	U	1	1.0	1	1	0.6
75-69-4	Trichlorofluoromethane	U	2	1.0	2	2	0.2
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.4
75-09-2	Methylene Chloride	U	5	1.0	5	5	1
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.2
75-34-3	1,1-Dichloroethane		6	1.0	1	1	0.2
156-59-2	cis-1,2-Dichloroethene		7	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)		7	1.0	1	1	0.2
594-20-7	2,2-Dichloropropane	U	1	1.0	1	1	0.2
67-66-3	Chloroform	U	1	1.0	1	1	0.3
74-97-5	Bromochloromethane	U	1	1.0	1	1	0.2
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
107-06-2	1,2-Dichloroethane		1	1.0	1	1	0.2
563-58-6	1,1-Dichloropropene	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.2
71-43-2	Benzene		2	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	J	0.6	1.0	1	1	0.3
74-95-3	Dibromomethane	U	1	1.0	1	1	0.5
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.3
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.2
108-88-3	Toluene		2	1.0	1	1	0.3
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
142-28-9	1,3-Dichloropropane	U	1	1.0	1	1	0.2
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	1	1.0	1	1	0.2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
630-20-6	1,1,1,2-Tetrachloroethane	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene		8	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
96-18-4	1,2,3-Trichloropropane	U	1	1.0	1	1	0.2
98-82-8	Isopropylbenzene		1	1.0	1	1	0.2
108-86-1	Bromobenzene	U	1	1.0	1	1	0.2
95-49-8	2-Chlorotoluene	U	1	1.0	1	1	0.2
103-65-1	N-Propylbenzene	U	1	1.0	1	1	0.3

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/10/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 20-MAY-2011 04:37
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2609-3
Client ID: SB-10I-211
SDG: DOV-89
Extracted by:
Extraction Method: SW846 5030
Analyst: DJP
Analysis Method: SW846 8260B
Lab Prep Batch: WG91779
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-43-4	4-Chlorotoluene	U	1	1.0	1	1	0.3
108-67-8	1,3,5-Trimethylbenzene	J	0.3	1.0	1	1	0.2
98-06-6	tert-Butylbenzene	U	1	1.0	1	1	0.3
120-82-1	1,2,4-Trichlorobenzene	U	1	1.0	1	1	0.4
135-98-8	sec-Butylbenzene	U	1	1.0	1	1	0.2
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.3
99-87-6	P-Isopropyltoluene	J	0.4	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
104-51-8	N-Butylbenzene	U	1	1.0	1	1	0.2
96-12-8	1,2-Dibromo-3-Chloropropane	U	1	1.0	1	1	0.5
95-63-6	1,2,4-Trimethylbenzene	J	0.4	1.0	1	1	0.2
91-20-3	Naphthalene	U	1	1.0	1	1	0.3
87-68-3	Hexachlorobutadiene	U	1	1.0	1	1	0.5
87-61-6	1,2,3-Trichlorobenzene	U	1	1.0	1	1	0.3
1634-04-4	Methyl tert-butyl ether	U	1	1.0	1	1	0.4
67-64-1	Acetone	U	5	1.0	5	5	2
78-93-3	2-Butanone	U	5	1.0	5	5	1
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	1
591-78-6	2-Hexanone	U	5	1.0	5	5	2
	m+p-Xylenes		3	1.0	2	2	0.6
95-47-6	o-Xylene	J	0.5	1.0	1	1	0.2
1330-20-7	Xylenes (total)		4	1.0	3	3	0.2
108-70-3	1,3,5-Trichlorobenzene	U	1	1.0	1	1	0.2
108-05-4	Vinyl Acetate	U	1	1.0	1	1	0.4
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
60-29-7	Diethyl Ether		4	1.0	1	1	0.4
109-99-9	Tetrahydrofuran		6	1.0	5	5	2
994-05-8	Tertiary-amyl methyl ether	U	1	1.0	1	1	0.2
637-92-3	Ethyl tertiary-butyl ether	U	1	1.0	1	1	0.2
108-20-3	Di-isopropyl ether	J	0.5	1.0	1	1	0.2
75-65-0	Tertiary-butyl alcohol	U	5	1.0	5	5	2
460-00-4	P-Bromofluorobenzene		88%				
2037-26-5	Toluene-D8		102%				
17060-07-0	1,2-Dichloroethane-D4		87%				
1868-53-7	Dibromofluoromethane		106%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/09/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 19-MAY-2011 00:34
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2611-9
Client ID: SB-B1-211
SDG: DOV-89
Extracted by:
Extraction Method: SW846 5030
Analyst: DJP
Analysis Method: SW846 8260B
Lab Prep Batch: WG91716
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	1	1.0	1	1	0.4
75-01-4	Vinyl chloride	J	0.9	1.0	1	1	0.2
74-83-9	Bromomethane	U	1	1.0	1	1	0.5
75-00-3	Chloroethane	U	1	1.0	1	1	0.6
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.4
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	5	1.0	5	5	1
67-64-1	Acetone	U	5	1.0	5	5	2
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.2
75-34-3	1,1-Dichloroethane		1	1.0	1	1	0.2
156-59-2	cis-1,2-Dichloroethene		1	1.0	1	1	0.2
67-66-3	Chloroform	U	1	1.0	1	1	0.3
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.2
109-99-9	Tetrahydrofuran	J	5	1.0	5	5	2
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
78-93-3	2-Butanone	U	5	1.0	5	5	1
71-43-2	Benzene		3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	J	0.9	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.3
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.2
108-88-3	Toluene	U	1	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	1
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.2
1330-20-7	Xylenes (total)	J	0.3	1.0	3	3	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
	m+p-Xylenes	U	2	1.0	2	2	0.6
95-47-6	o-Xylene	J	0.3	1.0	1	1	0.2
460-00-4	P-Bromofluorobenzene		94%				
2037-26-5	Toluene-D8		104%				
17060-07-0	1,2-Dichloroethane-D4		96%				
1868-53-7	Dibromofluoromethane		113%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/04/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 14-MAY-2011 00:34
Report Date: 06/07/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2518-9
Client ID: SB-D1-211
SDG: DOV-88
Extracted by:
Extraction Method: SW846 5030
Analyst: DWM
Analysis Method: SW846 8260B
Lab Prep Batch: WG91526
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	2	1.0	2	2	0.2
74-87-3	Chloromethane	U	1	1.0	1	1	0.4
75-01-4	Vinyl chloride	U	1	1.0	1	1	0.2
74-83-9	Bromomethane	U	1	1.0	1	1	0.5
75-00-3	Chloroethane	U	1	1.0	1	1	0.6
75-69-4	Trichlorofluoromethane	U	2	1.0	2	2	0.2
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.4
75-09-2	Methylene Chloride	U	5	1.0	5	5	1
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.2
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	1	1.0	1	1	0.2
594-20-7	2,2-Dichloropropane	U	1	1.0	1	1	0.2
67-66-3	Chloroform	U	1	1.0	1	1	0.3
74-97-5	Bromochloromethane	U	1	1.0	1	1	0.2
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
563-58-6	1,1-Dichloropropene	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.2
71-43-2	Benzene	U	1	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.3
74-95-3	Dibromomethane	U	1	1.0	1	1	0.5
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.3
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.2
108-88-3	Toluene	U	1	1.0	1	1	0.3
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
142-28-9	1,3-Dichloropropane	U	1	1.0	1	1	0.2
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	1	1.0	1	1	0.2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
630-20-6	1,1,1,2-Tetrachloroethane	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
96-18-4	1,2,3-Trichloropropane	U	1	1.0	1	1	0.2
98-82-8	Isopropylbenzene	U	1	1.0	1	1	0.2
108-86-1	Bromobenzene	U	1	1.0	1	1	0.2
95-49-8	2-Chlorotoluene	U	1	1.0	1	1	0.2
103-65-1	N-Propylbenzene	U	1	1.0	1	1	0.3

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/04/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 14-MAY-2011 00:34
Report Date: 06/07/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2518-9
Client ID: SB-D1-211
SDG: DOV-88
Extracted by:
Extraction Method: SW846 5030
Analyst: DWM
Analysis Method: SW846 8260B
Lab Prep Batch: WG91526
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-43-4	4-Chlorotoluene	U	1	1.0	1	1	0.3
108-67-8	1,3,5-Trimethylbenzene	U	1	1.0	1	1	0.2
98-06-6	tert-Butylbenzene	U	1	1.0	1	1	0.3
120-82-1	1,2,4-Trichlorobenzene	U	1	1.0	1	1	0.4
135-98-8	sec-Butylbenzene	U	1	1.0	1	1	0.2
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.3
99-87-6	P-Isopropyltoluene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
104-51-8	N-Butylbenzene	U	1	1.0	1	1	0.2
96-12-8	1,2-Dibromo-3-Chloropropane	U	1	1.0	1	1	0.5
95-63-6	1,2,4-Trimethylbenzene	U	1	1.0	1	1	0.2
91-20-3	Naphthalene	U	1	1.0	1	1	0.3
87-68-3	Hexachlorobutadiene	U	1	1.0	1	1	0.5
87-61-6	1,2,3-Trichlorobenzene	U	1	1.0	1	1	0.3
1634-04-4	Methyl tert-butyl ether	U	1	1.0	1	1	0.4
67-64-1	Acetone	J	3	1.0	5	5	2
78-93-3	2-Butanone	U	5	1.0	5	5	1
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	1
591-78-6	2-Hexanone	U	5	1.0	5	5	2
	m+p-Xylenes	U	2	1.0	2	2	0.6
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.2
108-70-3	1,3,5-Trichlorobenzene	U	1	1.0	1	1	0.2
108-05-4	Vinyl Acetate	U	1	1.0	1	1	0.4
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
60-29-7	Diethyl Ether	U	1	1.0	1	1	0.4
109-99-9	Tetrahydrofuran	U	5	1.0	5	5	2
994-05-8	Tertiary-amyl methyl ether	U	1	1.0	1	1	0.2
637-92-3	Ethyl tertiary-butyl ether	U	1	1.0	1	1	0.2
108-20-3	Di-isopropyl ether	U	1	1.0	1	1	0.2
75-65-0	Tertiary-butyl alcohol	U	5	1.0	5	5	2
460-00-4	P-Bromofluorobenzene		94%				
2037-26-5	Toluene-D8		101%				
17060-07-0	1,2-Dichloroethane-D4		99%				
1868-53-7	Dibromofluoromethane		109%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/04/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 14-MAY-2011 00:01
Report Date: 06/07/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2518-7
Client ID: SB-D2-211
SDG: DOV-88
Extracted by:
Extraction Method: SW846 5030
Analyst: DWM
Analysis Method: SW846 8260B
Lab Prep Batch: WG91526
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	2	1.0	2	2	0.2
74-87-3	Chloromethane	U	1	1.0	1	1	0.4
75-01-4	Vinyl chloride	U	1	1.0	1	1	0.2
74-83-9	Bromomethane	U	1	1.0	1	1	0.5
75-00-3	Chloroethane	U	1	1.0	1	1	0.6
75-69-4	Trichlorofluoromethane	U	2	1.0	2	2	0.2
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.4
75-09-2	Methylene Chloride	U	5	1.0	5	5	1
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.2
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	1	1.0	1	1	0.2
594-20-7	2,2-Dichloropropane	U	1	1.0	1	1	0.2
67-66-3	Chloroform	U	1	1.0	1	1	0.3
74-97-5	Bromochloromethane	U	1	1.0	1	1	0.2
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
563-58-6	1,1-Dichloropropene	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.2
71-43-2	Benzene	U	1	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.3
74-95-3	Dibromomethane	U	1	1.0	1	1	0.5
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.3
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.2
108-88-3	Toluene	U	1	1.0	1	1	0.3
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
142-28-9	1,3-Dichloropropane	U	1	1.0	1	1	0.2
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	1	1.0	1	1	0.2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
630-20-6	1,1,1,2-Tetrachloroethane	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
96-18-4	1,2,3-Trichloropropane	U	1	1.0	1	1	0.2
98-82-8	Isopropylbenzene	U	1	1.0	1	1	0.2
108-86-1	Bromobenzene	U	1	1.0	1	1	0.2
95-49-8	2-Chlorotoluene	U	1	1.0	1	1	0.2
103-65-1	N-Propylbenzene	U	1	1.0	1	1	0.3

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/04/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 14-MAY-2011 00:01
Report Date: 06/07/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2518-7
Client ID: SB-D2-211
SDG: DOV-88
Extracted by:
Extraction Method: SW846 5030
Analyst: DWM
Analysis Method: SW846 8260B
Lab Prep Batch: WG91526
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-43-4	4-Chlorotoluene	U	1	1.0	1	1	0.3
108-67-8	1,3,5-Trimethylbenzene	U	1	1.0	1	1	0.2
98-06-6	tert-Butylbenzene	U	1	1.0	1	1	0.3
120-82-1	1,2,4-Trichlorobenzene	U	1	1.0	1	1	0.4
135-98-8	sec-Butylbenzene	U	1	1.0	1	1	0.2
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.3
99-87-6	P-Isopropyltoluene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
104-51-8	N-Butylbenzene	U	1	1.0	1	1	0.2
96-12-8	1,2-Dibromo-3-Chloropropane	U	1	1.0	1	1	0.5
95-63-6	1,2,4-Trimethylbenzene	U	1	1.0	1	1	0.2
91-20-3	Naphthalene	U	1	1.0	1	1	0.3
87-68-3	Hexachlorobutadiene	U	1	1.0	1	1	0.5
87-61-6	1,2,3-Trichlorobenzene	U	1	1.0	1	1	0.3
1634-04-4	Methyl tert-butyl ether	U	1	1.0	1	1	0.4
67-64-1	Acetone	U	5	1.0	5	5	2
78-93-3	2-Butanone	U	5	1.0	5	5	1
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	1
591-78-6	2-Hexanone	U	5	1.0	5	5	2
	m+p-Xylenes	U	2	1.0	2	2	0.6
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.2
108-70-3	1,3,5-Trichlorobenzene	U	1	1.0	1	1	0.2
108-05-4	Vinyl Acetate	U	1	1.0	1	1	0.4
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
60-29-7	Diethyl Ether	J	0.4	1.0	1	1	0.4
109-99-9	Tetrahydrofuran	U	5	1.0	5	5	2
994-05-8	Tertiary-amyl methyl ether	U	1	1.0	1	1	0.2
637-92-3	Ethyl tertiary-butyl ether	U	1	1.0	1	1	0.2
108-20-3	Di-isopropyl ether	U	1	1.0	1	1	0.2
75-65-0	Tertiary-butyl alcohol	U	5	1.0	5	5	2
460-00-4	P-Bromofluorobenzene		93%				
2037-26-5	Toluene-D8		100%				
17060-07-0	1,2-Dichloroethane-D4		97%				
1868-53-7	Dibromofluoromethane		105%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/04/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 13-MAY-2011 23:28
Report Date: 06/07/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2518-5
Client ID: SB-GW-3U-211
SDG: DOV-88
Extracted by:
Extraction Method: SW846 5030
Analyst: DWM
Analysis Method: SW846 8260B
Lab Prep Batch: WG91526
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	2	1.0	2	2	0.2
74-87-3	Chloromethane	U	1	1.0	1	1	0.4
75-01-4	Vinyl chloride	U	1	1.0	1	1	0.2
74-83-9	Bromomethane	U	1	1.0	1	1	0.5
75-00-3	Chloroethane	U	1	1.0	1	1	0.6
75-69-4	Trichlorofluoromethane	U	2	1.0	2	2	0.2
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.4
75-09-2	Methylene Chloride	U	5	1.0	5	5	1
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.2
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	1	1.0	1	1	0.2
594-20-7	2,2-Dichloropropane	U	1	1.0	1	1	0.2
67-66-3	Chloroform	U	1	1.0	1	1	0.3
74-97-5	Bromochloromethane	U	1	1.0	1	1	0.2
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
563-58-6	1,1-Dichloropropene	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.2
71-43-2	Benzene	U	1	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.3
74-95-3	Dibromomethane	U	1	1.0	1	1	0.5
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.3
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.2
108-88-3	Toluene	U	1	1.0	1	1	0.3
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
142-28-9	1,3-Dichloropropane	U	1	1.0	1	1	0.2
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	1	1.0	1	1	0.2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
630-20-6	1,1,1,2-Tetrachloroethane	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
96-18-4	1,2,3-Trichloropropane	U	1	1.0	1	1	0.2
98-82-8	Isopropylbenzene	U	1	1.0	1	1	0.2
108-86-1	Bromobenzene	U	1	1.0	1	1	0.2
95-49-8	2-Chlorotoluene	U	1	1.0	1	1	0.2
103-65-1	N-Propylbenzene	U	1	1.0	1	1	0.3

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/04/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 13-MAY-2011 23:28
Report Date: 06/07/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2518-5
Client ID: SB-GW-3U-211
SDG: DOV-88
Extracted by:
Extraction Method: SW846 5030
Analyst: DWM
Analysis Method: SW846 8260B
Lab Prep Batch: WG91526
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-43-4	4-Chlorotoluene	U	1	1.0	1	1	0.3
108-67-8	1,3,5-Trimethylbenzene	U	1	1.0	1	1	0.2
98-06-6	tert-Butylbenzene	U	1	1.0	1	1	0.3
120-82-1	1,2,4-Trichlorobenzene	U	1	1.0	1	1	0.4
135-98-8	sec-Butylbenzene	U	1	1.0	1	1	0.2
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.3
99-87-6	P-Isopropyltoluene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
104-51-8	N-Butylbenzene	U	1	1.0	1	1	0.2
96-12-8	1,2-Dibromo-3-Chloropropane	U	1	1.0	1	1	0.5
95-63-6	1,2,4-Trimethylbenzene	U	1	1.0	1	1	0.2
91-20-3	Naphthalene	U	1	1.0	1	1	0.3
87-68-3	Hexachlorobutadiene	U	1	1.0	1	1	0.5
87-61-6	1,2,3-Trichlorobenzene	U	1	1.0	1	1	0.3
1634-04-4	Methyl tert-butyl ether	U	1	1.0	1	1	0.4
67-64-1	Acetone	U	5	1.0	5	5	2
78-93-3	2-Butanone	U	5	1.0	5	5	1
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	1
591-78-6	2-Hexanone	U	5	1.0	5	5	2
	m+p-Xylenes	U	2	1.0	2	2	0.6
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.2
108-70-3	1,3,5-Trichlorobenzene	U	1	1.0	1	1	0.2
108-05-4	Vinyl Acetate	U	1	1.0	1	1	0.4
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
60-29-7	Diethyl Ether	U	1	1.0	1	1	0.4
109-99-9	Tetrahydrofuran	U	5	1.0	5	5	2
994-05-8	Tertiary-amyl methyl ether	U	1	1.0	1	1	0.2
637-92-3	Ethyl tertiary-butyl ether	U	1	1.0	1	1	0.2
108-20-3	Di-isopropyl ether	U	1	1.0	1	1	0.2
75-65-0	Tertiary-butyl alcohol	U	5	1.0	5	5	2
460-00-4	P-Bromofluorobenzene		88%				
2037-26-5	Toluene-D8		94%				
17060-07-0	1,2-Dichloroethane-D4		91%				
1868-53-7	Dibromofluoromethane		99%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/11/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 23-MAY-2011 16:38
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2609-7
Client ID: SB-GW-3L-211
SDG: DOV-89
Extracted by:
Extraction Method: SW846 5030
Analyst: DWM
Analysis Method: SW846 8260B
Lab Prep Batch: WG91907
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	2	1.0	2	2	0.2
74-87-3	Chloromethane	U	1	1.0	1	1	0.4
75-01-4	Vinyl chloride	U	1	1.0	1	1	0.2
74-83-9	Bromomethane	U	1	1.0	1	1	0.5
75-00-3	Chloroethane	U	1	1.0	1	1	0.6
75-69-4	Trichlorofluoromethane	U	2	1.0	2	2	0.2
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.4
75-09-2	Methylene Chloride	U	5	1.0	5	5	1
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.2
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	1	1.0	1	1	0.2
594-20-7	2,2-Dichloropropane	U	1	1.0	1	1	0.2
67-66-3	Chloroform	U	1	1.0	1	1	0.3
74-97-5	Bromochloromethane	U	1	1.0	1	1	0.2
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
563-58-6	1,1-Dichloropropene	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.2
71-43-2	Benzene	U	1	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.3
74-95-3	Dibromomethane	U	1	1.0	1	1	0.5
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.3
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.2
108-88-3	Toluene	U	1	1.0	1	1	0.3
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
142-28-9	1,3-Dichloropropane	U	1	1.0	1	1	0.2
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	1	1.0	1	1	0.2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
630-20-6	1,1,1,2-Tetrachloroethane	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
96-18-4	1,2,3-Trichloropropane	U	1	1.0	1	1	0.2
98-82-8	Isopropylbenzene	U	1	1.0	1	1	0.2
108-86-1	Bromobenzene	U	1	1.0	1	1	0.2
95-49-8	2-Chlorotoluene	U	1	1.0	1	1	0.2
103-65-1	N-Propylbenzene	U	1	1.0	1	1	0.3

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/11/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 23-MAY-2011 16:38
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2609-7
Client ID: SB-GW-3L-211
SDG: DOV-89
Extracted by:
Extraction Method: SW846 5030
Analyst: DWM
Analysis Method: SW846 8260B
Lab Prep Batch: WG91907
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-43-4	4-Chlorotoluene	U	1	1.0	1	1	0.3
108-67-8	1,3,5-Trimethylbenzene	U	1	1.0	1	1	0.2
98-06-6	tert-Butylbenzene	U	1	1.0	1	1	0.3
120-82-1	1,2,4-Trichlorobenzene	U	1	1.0	1	1	0.4
135-98-8	sec-Butylbenzene	U	1	1.0	1	1	0.2
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.3
99-87-6	P-Isopropyltoluene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
104-51-8	N-Butylbenzene	U	1	1.0	1	1	0.2
96-12-8	1,2-Dibromo-3-Chloropropane	U	1	1.0	1	1	0.5
95-63-6	1,2,4-Trimethylbenzene	J	0.2	1.0	1	1	0.2
91-20-3	Naphthalene		2	1.0	1	1	0.3
87-68-3	Hexachlorobutadiene	U	1	1.0	1	1	0.5
87-61-6	1,2,3-Trichlorobenzene	U	1	1.0	1	1	0.3
1634-04-4	Methyl tert-butyl ether	U	1	1.0	1	1	0.4
67-64-1	Acetone	U	5	1.0	5	5	2
78-93-3	2-Butanone	U	5	1.0	5	5	1
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	1
591-78-6	2-Hexanone	U	5	1.0	5	5	2
	m+p-Xylenes	U	2	1.0	2	2	0.6
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.2
108-70-3	1,3,5-Trichlorobenzene	U	1	1.0	1	1	0.2
108-05-4	Vinyl Acetate	U	1	1.0	1	1	0.4
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
60-29-7	Diethyl Ether	U	1	1.0	1	1	0.4
109-99-9	Tetrahydrofuran		14	1.0	5	5	2
994-05-8	Tertiary-amyl methyl ether	U	1	1.0	1	1	0.2
637-92-3	Ethyl tertiary-butyl ether	U	1	1.0	1	1	0.2
108-20-3	Di-isopropyl ether	U	1	1.0	1	1	0.2
75-65-0	Tertiary-butyl alcohol	U	5	1.0	5	5	2
460-00-4	P-Bromofluorobenzene		97%				
2037-26-5	Toluene-D8		101%				
17060-07-0	1,2-Dichloroethane-D4		100%				
1868-53-7	Dibromofluoromethane		96%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/04/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 13-MAY-2011 22:56
Report Date: 06/07/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2518-1
Client ID: SB-GW-3I-211
SDG: DOV-88
Extracted by:
Extraction Method: SW846 5030
Analyst: DWM
Analysis Method: SW846 8260B
Lab Prep Batch: WG91526
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	2	1.0	2	2	0.2
74-87-3	Chloromethane	U	1	1.0	1	1	0.4
75-01-4	Vinyl chloride	U	1	1.0	1	1	0.2
74-83-9	Bromomethane	U	1	1.0	1	1	0.5
75-00-3	Chloroethane	U	1	1.0	1	1	0.6
75-69-4	Trichlorofluoromethane	U	2	1.0	2	2	0.2
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.4
75-09-2	Methylene Chloride	U	5	1.0	5	5	1
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.2
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	1	1.0	1	1	0.2
594-20-7	2,2-Dichloropropane	U	1	1.0	1	1	0.2
67-66-3	Chloroform	U	1	1.0	1	1	0.3
74-97-5	Bromochloromethane	U	1	1.0	1	1	0.2
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
563-58-6	1,1-Dichloropropene	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.2
71-43-2	Benzene	U	1	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.3
74-95-3	Dibromomethane	U	1	1.0	1	1	0.5
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.3
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.2
108-88-3	Toluene	U	1	1.0	1	1	0.3
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
142-28-9	1,3-Dichloropropane	U	1	1.0	1	1	0.2
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	1	1.0	1	1	0.2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
630-20-6	1,1,1,2-Tetrachloroethane	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
96-18-4	1,2,3-Trichloropropane	U	1	1.0	1	1	0.2
98-82-8	Isopropylbenzene	U	1	1.0	1	1	0.2
108-86-1	Bromobenzene	U	1	1.0	1	1	0.2
95-49-8	2-Chlorotoluene	U	1	1.0	1	1	0.2
103-65-1	N-Propylbenzene	U	1	1.0	1	1	0.3

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/04/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 13-MAY-2011 22:56
Report Date: 06/07/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2518-1
Client ID: SB-GW-3I-211
SDG: DOV-88
Extracted by:
Extraction Method: SW846 5030
Analyst: DWM
Analysis Method: SW846 8260B
Lab Prep Batch: WG91526
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-43-4	4-Chlorotoluene	U	1	1.0	1	1	0.3
108-67-8	1,3,5-Trimethylbenzene	U	1	1.0	1	1	0.2
98-06-6	tert-Butylbenzene	U	1	1.0	1	1	0.3
120-82-1	1,2,4-Trichlorobenzene	U	1	1.0	1	1	0.4
135-98-8	sec-Butylbenzene	U	1	1.0	1	1	0.2
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.3
99-87-6	P-Isopropyltoluene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
104-51-8	N-Butylbenzene	U	1	1.0	1	1	0.2
96-12-8	1,2-Dibromo-3-Chloropropane	U	1	1.0	1	1	0.5
95-63-6	1,2,4-Trimethylbenzene	U	1	1.0	1	1	0.2
91-20-3	Naphthalene	U	1	1.0	1	1	0.3
87-68-3	Hexachlorobutadiene	U	1	1.0	1	1	0.5
87-61-6	1,2,3-Trichlorobenzene	U	1	1.0	1	1	0.3
1634-04-4	Methyl tert-butyl ether	U	1	1.0	1	1	0.4
67-64-1	Acetone	U	5	1.0	5	5	2
78-93-3	2-Butanone	U	5	1.0	5	5	1
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	1
591-78-6	2-Hexanone	U	5	1.0	5	5	2
	m+p-Xylenes	U	2	1.0	2	2	0.6
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.2
108-70-3	1,3,5-Trichlorobenzene	U	1	1.0	1	1	0.2
108-05-4	Vinyl Acetate	U	1	1.0	1	1	0.4
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
60-29-7	Diethyl Ether	U	1	1.0	1	1	0.4
109-99-9	Tetrahydrofuran	U	5	1.0	5	5	2
994-05-8	Tertiary-amyl methyl ether	U	1	1.0	1	1	0.2
637-92-3	Ethyl tertiary-butyl ether	U	1	1.0	1	1	0.2
108-20-3	Di-isopropyl ether	U	1	1.0	1	1	0.2
75-65-0	Tertiary-butyl alcohol	U	5	1.0	5	5	2
460-00-4	P-Bromofluorobenzene		89%				
2037-26-5	Toluene-D8		96%				
17060-07-0	1,2-Dichloroethane-D4		94%				
1868-53-7	Dibromofluoromethane		102%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/13/11
Received Date: 05/13/11
Extraction Date:
Analysis Date: 23-MAY-2011 18:46
Report Date: 06/09/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2681-19
Client ID: SC-1US-211
SDG: DOV-90
Extracted by:
Extraction Method: SW846 5030
Analyst: DWM
Analysis Method: SW846 8260B
Lab Prep Batch: WG91907
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	1	1.0	1	1	0.4
75-01-4	Vinyl chloride	U	1	1.0	1	1	0.2
74-83-9	Bromomethane	U	1	1.0	1	1	0.5
75-00-3	Chloroethane		10	1.0	1	1	0.6
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.4
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	5	1.0	5	5	1
67-64-1	Acetone		7	1.0	5	5	2
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.2
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.2
67-66-3	Chloroform	U	1	1.0	1	1	0.3
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.2
109-99-9	Tetrahydrofuran		72	1.0	5	5	2
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
78-93-3	2-Butanone	U	5	1.0	5	5	1
71-43-2	Benzene		48	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.3
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.2
108-88-3	Toluene	J	0.8	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	1
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene		4	1.0	1	1	0.2
100-41-4	Ethylbenzene		8	1.0	1	1	0.2
1330-20-7	Xylenes (total)		56	1.0	3	3	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
	m+p-Xylenes		53	1.0	2	2	0.6
95-47-6	o-Xylene		3	1.0	1	1	0.2
460-00-4	P-Bromofluorobenzene		101%				
2037-26-5	Toluene-D8		100%				
17060-07-0	1,2-Dichloroethane-D4		100%				
1868-53-7	Dibromofluoromethane		95%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/06/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 18-MAY-2011 15:59
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2611-1
Client ID: SC-7US-211
SDG: DOV-89
Extracted by:
Extraction Method: SW846 5030
Analyst: TTC
Analysis Method: SW846 8260B
Lab Prep Batch: WG91701
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	1	1.0	1	1	0.4
75-01-4	Vinyl chloride		1	1.0	1	1	0.2
74-83-9	Bromomethane	U	1	1.0	1	1	0.5
75-00-3	Chloroethane	U	1	1.0	1	1	0.6
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.4
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	5	1.0	5	5	1
67-64-1	Acetone	U	5	1.0	5	5	2
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.2
156-59-2	cis-1,2-Dichloroethene	J	0.7	1.0	1	1	0.2
67-66-3	Chloroform	U	1	1.0	1	1	0.3
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.2
109-99-9	Tetrahydrofuran	U	5	1.0	5	5	2
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
78-93-3	2-Butanone	U	5	1.0	5	5	1
71-43-2	Benzene		16	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.3
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.2
108-88-3	Toluene	J	0.8	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	1
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene		10	1.0	1	1	0.2
100-41-4	Ethylbenzene		5	1.0	1	1	0.2
1330-20-7	Xylenes (total)		6	1.0	3	3	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
	m+p-Xylenes	J	1	1.0	2	2	0.6
95-47-6	o-Xylene		4	1.0	1	1	0.2
460-00-4	P-Bromofluorobenzene		74%				
2037-26-5	Toluene-D8		81%				
17060-07-0	1,2-Dichloroethane-D4		78%				
1868-53-7	Dibromofluoromethane		86%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/11/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 19-MAY-2011 01:07
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2611-14
Client ID: SC-8US-211
SDG: DOV-89
Extracted by:
Extraction Method: SW846 5030
Analyst: DJP
Analysis Method: SW846 8260B
Lab Prep Batch: WG91716
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	1	1.0	1	1	0.4
75-01-4	Vinyl chloride		1	1.0	1	1	0.2
74-83-9	Bromomethane	U	1	1.0	1	1	0.5
75-00-3	Chloroethane	U	1	1.0	1	1	0.6
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.4
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	5	1.0	5	5	1
67-64-1	Acetone	J	2	1.0	5	5	2
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.2
75-34-3	1,1-Dichloroethane	J	0.6	1.0	1	1	0.2
156-59-2	cis-1,2-Dichloroethene	J	0.5	1.0	1	1	0.2
67-66-3	Chloroform	U	1	1.0	1	1	0.3
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.2
109-99-9	Tetrahydrofuran		18	1.0	5	5	2
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
78-93-3	2-Butanone	U	5	1.0	5	5	1
71-43-2	Benzene		7	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	J	0.5	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.3
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.2
108-88-3	Toluene	U	1	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	1
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene		68	1.0	1	1	0.2
100-41-4	Ethylbenzene	J	0.3	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
	m+p-Xylenes	U	2	1.0	2	2	0.6
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
460-00-4	P-Bromofluorobenzene		90%				
2037-26-5	Toluene-D8		101%				
17060-07-0	1,2-Dichloroethane-D4		94%				
1868-53-7	Dibromofluoromethane		111%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/11/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 23-MAY-2011 16:06
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2609-5
Client ID: SC-10US-211
SDG: DOV-89
Extracted by:
Extraction Method: SW846 5030
Analyst: DWM
Analysis Method: SW846 8260B
Lab Prep Batch: WG91907
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	2	1.0	2	2	0.2
74-87-3	Chloromethane	U	1	1.0	1	1	0.4
75-01-4	Vinyl chloride	U	1	1.0	1	1	0.2
74-83-9	Bromomethane	U	1	1.0	1	1	0.5
75-00-3	Chloroethane	U	1	1.0	1	1	0.6
75-69-4	Trichlorofluoromethane	U	2	1.0	2	2	0.2
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.4
75-09-2	Methylene Chloride	U	5	1.0	5	5	1
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.2
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	1	1.0	1	1	0.2
594-20-7	2,2-Dichloropropane	U	1	1.0	1	1	0.2
67-66-3	Chloroform	U	1	1.0	1	1	0.3
74-97-5	Bromochloromethane	U	1	1.0	1	1	0.2
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
563-58-6	1,1-Dichloropropene	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.2
71-43-2	Benzene		23	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.3
74-95-3	Dibromomethane	U	1	1.0	1	1	0.5
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.3
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.2
108-88-3	Toluene	J	0.9	1.0	1	1	0.3
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
142-28-9	1,3-Dichloropropane	U	1	1.0	1	1	0.2
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	1	1.0	1	1	0.2
108-90-7	Chlorobenzene		12	1.0	1	1	0.2
630-20-6	1,1,1,2-Tetrachloroethane	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
96-18-4	1,2,3-Trichloropropane	U	1	1.0	1	1	0.2
98-82-8	Isopropylbenzene		19	1.0	1	1	0.2
108-86-1	Bromobenzene	U	1	1.0	1	1	0.2
95-49-8	2-Chlorotoluene	U	1	1.0	1	1	0.2
103-65-1	N-Propylbenzene		6	1.0	1	1	0.3

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/11/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 23-MAY-2011 16:06
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2609-5
Client ID: SC-10US-211
SDG: DOV-89
Extracted by:
Extraction Method: SW846 5030
Analyst: DWM
Analysis Method: SW846 8260B
Lab Prep Batch: WG91907
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-43-4	4-Chlorotoluene	U	1	1.0	1	1	0.3
108-67-8	1,3,5-Trimethylbenzene		3	1.0	1	1	0.2
98-06-6	tert-Butylbenzene	U	1	1.0	1	1	0.3
120-82-1	1,2,4-Trichlorobenzene	U	1	1.0	1	1	0.4
135-98-8	sec-Butylbenzene	J	0.5	1.0	1	1	0.2
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.3
99-87-6	P-Isopropyltoluene	J	0.9	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene		4	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene		3	1.0	1	1	0.2
104-51-8	N-Butylbenzene	J	0.3	1.0	1	1	0.2
96-12-8	1,2-Dibromo-3-Chloropropane	U	1	1.0	1	1	0.5
95-63-6	1,2,4-Trimethylbenzene		34	1.0	1	1	0.2
91-20-3	Naphthalene		16	1.0	1	1	0.3
87-68-3	Hexachlorobutadiene	U	1	1.0	1	1	0.5
87-61-6	1,2,3-Trichlorobenzene	U	1	1.0	1	1	0.3
1634-04-4	Methyl tert-butyl ether	U	1	1.0	1	1	0.4
67-64-1	Acetone	J	4	1.0	5	5	2
78-93-3	2-Butanone	U	5	1.0	5	5	1
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	1
591-78-6	2-Hexanone	U	5	1.0	5	5	2
	m+p-Xylenes		100	1.0	2	2	0.6
95-47-6	o-Xylene		4	1.0	1	1	0.2
1330-20-7	Xylenes (total)		110	1.0	3	3	0.2
108-70-3	1,3,5-Trichlorobenzene	U	1	1.0	1	1	0.2
108-05-4	Vinyl Acetate	U	1	1.0	1	1	0.4
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
60-29-7	Diethyl Ether		27	1.0	1	1	0.4
109-99-9	Tetrahydrofuran		220	1.0	5	5	2
994-05-8	Tertiary-amyl methyl ether	U	1	1.0	1	1	0.2
637-92-3	Ethyl tertiary-butyl ether	U	1	1.0	1	1	0.2
108-20-3	Di-isopropyl ether	J	0.3	1.0	1	1	0.2
75-65-0	Tertiary-butyl alcohol	U	5	1.0	5	5	2
460-00-4	P-Bromofluorobenzene		101%				
2037-26-5	Toluene-D8		99%				
17060-07-0	1,2-Dichloroethane-D4		99%				
1868-53-7	Dibromofluoromethane		94%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/05/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 14-MAY-2011 02:12
Report Date: 06/07/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2518-15
Client ID: SC-22S-211
SDG: DOV-88
Extracted by:
Extraction Method: SW846 5030
Analyst: DWM
Analysis Method: SW846 8260B
Lab Prep Batch: WG91526
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	2	1.0	2	2	0.2
74-87-3	Chloromethane	U	1	1.0	1	1	0.4
75-01-4	Vinyl chloride	U	1	1.0	1	1	0.2
74-83-9	Bromomethane	U	1	1.0	1	1	0.5
75-00-3	Chloroethane	U	1	1.0	1	1	0.6
75-69-4	Trichlorofluoromethane	U	2	1.0	2	2	0.2
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.4
75-09-2	Methylene Chloride	U	5	1.0	5	5	1
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.2
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	1	1.0	1	1	0.2
594-20-7	2,2-Dichloropropane	U	1	1.0	1	1	0.2
67-66-3	Chloroform	U	1	1.0	1	1	0.3
74-97-5	Bromochloromethane	U	1	1.0	1	1	0.2
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
563-58-6	1,1-Dichloropropene	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.2
71-43-2	Benzene	U	1	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.3
74-95-3	Dibromomethane	U	1	1.0	1	1	0.5
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.3
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.2
108-88-3	Toluene	U	1	1.0	1	1	0.3
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
142-28-9	1,3-Dichloropropane	U	1	1.0	1	1	0.2
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	1	1.0	1	1	0.2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
630-20-6	1,1,1,2-Tetrachloroethane	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
96-18-4	1,2,3-Trichloropropane	U	1	1.0	1	1	0.2
98-82-8	Isopropylbenzene	U	1	1.0	1	1	0.2
108-86-1	Bromobenzene	U	1	1.0	1	1	0.2
95-49-8	2-Chlorotoluene	U	1	1.0	1	1	0.2
103-65-1	N-Propylbenzene	U	1	1.0	1	1	0.3

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/05/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 14-MAY-2011 02:12
Report Date: 06/07/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2518-15
Client ID: SC-22S-211
SDG: DOV-88
Extracted by:
Extraction Method: SW846 5030
Analyst: DWM
Analysis Method: SW846 8260B
Lab Prep Batch: WG91526
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-43-4	4-Chlorotoluene	U	1	1.0	1	1	0.3
108-67-8	1,3,5-Trimethylbenzene	U	1	1.0	1	1	0.2
98-06-6	tert-Butylbenzene	U	1	1.0	1	1	0.3
120-82-1	1,2,4-Trichlorobenzene	U	1	1.0	1	1	0.4
135-98-8	sec-Butylbenzene	U	1	1.0	1	1	0.2
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.3
99-87-6	P-Isopropyltoluene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
104-51-8	N-Butylbenzene	U	1	1.0	1	1	0.2
96-12-8	1,2-Dibromo-3-Chloropropane	U	1	1.0	1	1	0.5
95-63-6	1,2,4-Trimethylbenzene	U	1	1.0	1	1	0.2
91-20-3	Naphthalene	U	1	1.0	1	1	0.3
87-68-3	Hexachlorobutadiene	U	1	1.0	1	1	0.5
87-61-6	1,2,3-Trichlorobenzene	U	1	1.0	1	1	0.3
1634-04-4	Methyl tert-butyl ether	U	1	1.0	1	1	0.4
67-64-1	Acetone	U	5	1.0	5	5	2
78-93-3	2-Butanone	U	5	1.0	5	5	1
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	1
591-78-6	2-Hexanone	U	5	1.0	5	5	2
	m+p-Xylenes	U	2	1.0	2	2	0.6
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.2
108-70-3	1,3,5-Trichlorobenzene	U	1	1.0	1	1	0.2
108-05-4	Vinyl Acetate	U	1	1.0	1	1	0.4
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
60-29-7	Diethyl Ether	U	1	1.0	1	1	0.4
109-99-9	Tetrahydrofuran	U	5	1.0	5	5	2
994-05-8	Tertiary-amyl methyl ether	U	1	1.0	1	1	0.2
637-92-3	Ethyl tertiary-butyl ether	U	1	1.0	1	1	0.2
108-20-3	Di-isopropyl ether	U	1	1.0	1	1	0.2
75-65-0	Tertiary-butyl alcohol	U	5	1.0	5	5	2
460-00-4	P-Bromofluorobenzene		94%				
2037-26-5	Toluene-D8		101%				
17060-07-0	1,2-Dichloroethane-D4		101%				
1868-53-7	Dibromofluoromethane		109%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/05/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 14-MAY-2011 01:07
Report Date: 06/07/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2518-11
Client ID: SC-22I-211
SDG: DOV-88
Extracted by:
Extraction Method: SW846 5030
Analyst: DWM
Analysis Method: SW846 8260B
Lab Prep Batch: WG91526
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	2	1.0	2	2	0.2
74-87-3	Chloromethane	U	1	1.0	1	1	0.4
75-01-4	Vinyl chloride		4	1.0	1	1	0.2
74-83-9	Bromomethane	U	1	1.0	1	1	0.5
75-00-3	Chloroethane	U	1	1.0	1	1	0.6
75-69-4	Trichlorofluoromethane	U	2	1.0	2	2	0.2
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.4
75-09-2	Methylene Chloride	U	5	1.0	5	5	1
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.2
156-59-2	cis-1,2-Dichloroethene	J	0.8	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	J	0.8	1.0	1	1	0.2
594-20-7	2,2-Dichloropropane	U	1	1.0	1	1	0.2
67-66-3	Chloroform	U	1	1.0	1	1	0.3
74-97-5	Bromochloromethane	U	1	1.0	1	1	0.2
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
563-58-6	1,1-Dichloropropene	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.2
71-43-2	Benzene		12	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.3
74-95-3	Dibromomethane	U	1	1.0	1	1	0.5
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.3
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.2
108-88-3	Toluene	J	0.9	1.0	1	1	0.3
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
142-28-9	1,3-Dichloropropane	U	1	1.0	1	1	0.2
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	1	1.0	1	1	0.2
108-90-7	Chlorobenzene		9	1.0	1	1	0.2
630-20-6	1,1,1,2-Tetrachloroethane	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene		1	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
96-18-4	1,2,3-Trichloropropane	U	1	1.0	1	1	0.2
98-82-8	Isopropylbenzene		5	1.0	1	1	0.2
108-86-1	Bromobenzene	U	1	1.0	1	1	0.2
95-49-8	2-Chlorotoluene	U	1	1.0	1	1	0.2
103-65-1	N-Propylbenzene	U	1	1.0	1	1	0.3

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/05/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 14-MAY-2011 01:07
Report Date: 06/07/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2518-11
Client ID: SC-22I-211
SDG: DOV-88
Extracted by:
Extraction Method: SW846 5030
Analyst: DWM
Analysis Method: SW846 8260B
Lab Prep Batch: WG91526
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-43-4	4-Chlorotoluene	U	1	1.0	1	1	0.3
108-67-8	1,3,5-Trimethylbenzene	U	1	1.0	1	1	0.2
98-06-6	tert-Butylbenzene	U	1	1.0	1	1	0.3
120-82-1	1,2,4-Trichlorobenzene	U	1	1.0	1	1	0.4
135-98-8	sec-Butylbenzene	U	0.4	1.0	1	1	0.2
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.3
99-87-6	P-Isopropyltoluene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene		4	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	JB	0.8	1.0	1	1	0.2
104-51-8	N-Butylbenzene	U	1	1.0	1	1	0.2
96-12-8	1,2-Dibromo-3-Chloropropane	U	1	1.0	1	1	0.5
95-63-6	1,2,4-Trimethylbenzene		3	1.0	1	1	0.2
91-20-3	Naphthalene		4	1.0	1	1	0.3
87-68-3	Hexachlorobutadiene	U	1	1.0	1	1	0.5
87-61-6	1,2,3-Trichlorobenzene	U	1	1.0	1	1	0.3
1634-04-4	Methyl tert-butyl ether	U	1	1.0	1	1	0.4
67-64-1	Acetone	U	5	1.0	5	5	2
78-93-3	2-Butanone	U	5	1.0	5	5	1
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	1
591-78-6	2-Hexanone	U	5	1.0	5	5	2
	m+p-Xylenes	J	1.0	1.0	2	2	0.6
95-47-6	o-Xylene		2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	J	3	1.0	3	3	0.2
108-70-3	1,3,5-Trichlorobenzene	U	1	1.0	1	1	0.2
108-05-4	Vinyl Acetate	U	1	1.0	1	1	0.4
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
60-29-7	Diethyl Ether		2	1.0	1	1	0.4
109-99-9	Tetrahydrofuran	U	5	1.0	5	5	2
994-05-8	Tertiary-amyl methyl ether	U	1	1.0	1	1	0.2
637-92-3	Ethyl tertiary-butyl ether	U	1	1.0	1	1	0.2
108-20-3	Di-isopropyl ether	U	1	1.0	1	1	0.2
75-65-0	Tertiary-butyl alcohol	U	5	1.0	5	5	2
460-00-4	P-Bromofluorobenzene		94%				
2037-26-5	Toluene-D8		100%				
17060-07-0	1,2-Dichloroethane-D4		99%				
1868-53-7	Dibromofluoromethane		106%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/05/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 14-MAY-2011 01:40
Report Date: 06/07/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2518-13
Client ID: SC-22D-211
SDG: DOV-88
Extracted by:
Extraction Method: SW846 5030
Analyst: DWM
Analysis Method: SW846 8260B
Lab Prep Batch: WG91526
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	2	1.0	2	2	0.2
74-87-3	Chloromethane	U	1	1.0	1	1	0.4
75-01-4	Vinyl chloride	U	1	1.0	1	1	0.2
74-83-9	Bromomethane	U	1	1.0	1	1	0.5
75-00-3	Chloroethane	U	1	1.0	1	1	0.6
75-69-4	Trichlorofluoromethane	U	2	1.0	2	2	0.2
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.4
75-09-2	Methylene Chloride	U	5	1.0	5	5	1
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.2
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	1	1.0	1	1	0.2
594-20-7	2,2-Dichloropropane	U	1	1.0	1	1	0.2
67-66-3	Chloroform	U	1	1.0	1	1	0.3
74-97-5	Bromochloromethane	U	1	1.0	1	1	0.2
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
563-58-6	1,1-Dichloropropene	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.2
71-43-2	Benzene	U	1	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.3
74-95-3	Dibromomethane	U	1	1.0	1	1	0.5
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.3
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.2
108-88-3	Toluene	U	1	1.0	1	1	0.3
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
142-28-9	1,3-Dichloropropane	U	1	1.0	1	1	0.2
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	1	1.0	1	1	0.2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
630-20-6	1,1,1,2-Tetrachloroethane	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
96-18-4	1,2,3-Trichloropropane	U	1	1.0	1	1	0.2
98-82-8	Isopropylbenzene	U	1	1.0	1	1	0.2
108-86-1	Bromobenzene	U	1	1.0	1	1	0.2
95-49-8	2-Chlorotoluene	U	1	1.0	1	1	0.2
103-65-1	N-Propylbenzene	U	1	1.0	1	1	0.3

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/05/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 14-MAY-2011 01:40
Report Date: 06/07/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2518-13
Client ID: SC-22D-211
SDG: DOV-88
Extracted by:
Extraction Method: SW846 5030
Analyst: DWM
Analysis Method: SW846 8260B
Lab Prep Batch: WG91526
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-43-4	4-Chlorotoluene	U	1	1.0	1	1	0.3
108-67-8	1,3,5-Trimethylbenzene	U	1	1.0	1	1	0.2
98-06-6	tert-Butylbenzene	U	1	1.0	1	1	0.3
120-82-1	1,2,4-Trichlorobenzene	U	1	1.0	1	1	0.4
135-98-8	sec-Butylbenzene	U	1	1.0	1	1	0.2
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.3
99-87-6	P-Isopropyltoluene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
104-51-8	N-Butylbenzene	U	1	1.0	1	1	0.2
96-12-8	1,2-Dibromo-3-Chloropropane	U	1	1.0	1	1	0.5
95-63-6	1,2,4-Trimethylbenzene	U	1	1.0	1	1	0.2
91-20-3	Naphthalene	U	1	1.0	1	1	0.3
87-68-3	Hexachlorobutadiene	U	1	1.0	1	1	0.5
87-61-6	1,2,3-Trichlorobenzene	U	1	1.0	1	1	0.3
1634-04-4	Methyl tert-butyl ether	U	1	1.0	1	1	0.4
67-64-1	Acetone	U	5	1.0	5	5	2
78-93-3	2-Butanone	U	5	1.0	5	5	1
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	1
591-78-6	2-Hexanone	U	5	1.0	5	5	2
	m+p-Xylenes	U	2	1.0	2	2	0.6
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.2
108-70-3	1,3,5-Trichlorobenzene	U	1	1.0	1	1	0.2
108-05-4	Vinyl Acetate	U	1	1.0	1	1	0.4
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
60-29-7	Diethyl Ether	U	1	1.0	1	1	0.4
109-99-9	Tetrahydrofuran	U	5	1.0	5	5	2
994-05-8	Tertiary-amyl methyl ether	U	1	1.0	1	1	0.2
637-92-3	Ethyl tertiary-butyl ether	U	1	1.0	1	1	0.2
108-20-3	Di-isopropyl ether	U	1	1.0	1	1	0.2
75-65-0	Tertiary-butyl alcohol	U	5	1.0	5	5	2
460-00-4	P-Bromofluorobenzene		89%				
2037-26-5	Toluene-D8		97%				
17060-07-0	1,2-Dichloroethane-D4		93%				
1868-53-7	Dibromofluoromethane		103%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/12/11
Received Date: 05/13/11
Extraction Date:
Analysis Date: 20-MAY-2011 17:04
Report Date: 06/09/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2680-1
Client ID: SC-23S-211
SDG: DOV-90
Extracted by:
Extraction Method: SW846 5030
Analyst: TTC
Analysis Method: SW846 8260B
Lab Prep Batch: WG91844
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	2	1.0	2	2	0.2
74-87-3	Chloromethane	U	1	1.0	1	1	0.4
75-01-4	Vinyl chloride	U	1	1.0	1	1	0.2
74-83-9	Bromomethane	U	1	1.0	1	1	0.5
75-00-3	Chloroethane	U	1	1.0	1	1	0.6
75-69-4	Trichlorofluoromethane	U	2	1.0	2	2	0.2
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.4
75-09-2	Methylene Chloride	U	5	1.0	5	5	1
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.2
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	1	1.0	1	1	0.2
594-20-7	2,2-Dichloropropane	U	1	1.0	1	1	0.2
67-66-3	Chloroform	U	1	1.0	1	1	0.3
74-97-5	Bromochloromethane	U	1	1.0	1	1	0.2
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
563-58-6	1,1-Dichloropropene	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.2
71-43-2	Benzene	U	1	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.3
74-95-3	Dibromomethane	U	1	1.0	1	1	0.5
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.3
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.2
108-88-3	Toluene	U	1	1.0	1	1	0.3
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
142-28-9	1,3-Dichloropropane	U	1	1.0	1	1	0.2
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	1	1.0	1	1	0.2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
630-20-6	1,1,1,2-Tetrachloroethane	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
96-18-4	1,2,3-Trichloropropane	U	1	1.0	1	1	0.2
98-82-8	Isopropylbenzene	U	1	1.0	1	1	0.2
108-86-1	Bromobenzene	U	1	1.0	1	1	0.2
95-49-8	2-Chlorotoluene	U	1	1.0	1	1	0.2
103-65-1	N-Propylbenzene	U	1	1.0	1	1	0.3

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/12/11
Received Date: 05/13/11
Extraction Date:
Analysis Date: 20-MAY-2011 17:04
Report Date: 06/09/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2680-1
Client ID: SC-23S-211
SDG: DOV-90
Extracted by:
Extraction Method: SW846 5030
Analyst: TTC
Analysis Method: SW846 8260B
Lab Prep Batch: WG91844
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-43-4	4-Chlorotoluene	U	1	1.0	1	1	0.3
108-67-8	1,3,5-Trimethylbenzene	U	1	1.0	1	1	0.2
98-06-6	tert-Butylbenzene	U	1	1.0	1	1	0.3
120-82-1	1,2,4-Trichlorobenzene	U	1	1.0	1	1	0.4
135-98-8	sec-Butylbenzene	U	1	1.0	1	1	0.2
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.3
99-87-6	P-Isopropyltoluene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
104-51-8	N-Butylbenzene	U	1	1.0	1	1	0.2
96-12-8	1,2-Dibromo-3-Chloropropane	U	1	1.0	1	1	0.5
95-63-6	1,2,4-Trimethylbenzene	U	1	1.0	1	1	0.2
91-20-3	Naphthalene	U	1	1.0	1	1	0.3
87-68-3	Hexachlorobutadiene	U	1	1.0	1	1	0.5
87-61-6	1,2,3-Trichlorobenzene	U	1	1.0	1	1	0.3
1634-04-4	Methyl tert-butyl ether	U	1	1.0	1	1	0.4
67-64-1	Acetone		33	1.0	5	5	2
78-93-3	2-Butanone	U	5	1.0	5	5	1
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	1
591-78-6	2-Hexanone	U	5	1.0	5	5	2
	m+p-Xylenes	U	2	1.0	2	2	0.6
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.2
108-70-3	1,3,5-Trichlorobenzene	U	1	1.0	1	1	0.2
108-05-4	Vinyl Acetate	U	1	1.0	1	1	0.4
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
60-29-7	Diethyl Ether	U	1	1.0	1	1	0.4
109-99-9	Tetrahydrofuran	U	5	1.0	5	5	2
994-05-8	Tertiary-amyl methyl ether	U	1	1.0	1	1	0.2
637-92-3	Ethyl tertiary-butyl ether	U	1	1.0	1	1	0.2
108-20-3	Di-isopropyl ether	U	1	1.0	1	1	0.2
75-65-0	Tertiary-butyl alcohol	U	5	1.0	5	5	2
460-00-4	P-Bromofluorobenzene		104%				
2037-26-5	Toluene-D8		99%				
17060-07-0	1,2-Dichloroethane-D4		109%				
1868-53-7	Dibromofluoromethane		102%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/12/11
Received Date: 05/13/11
Extraction Date:
Analysis Date: 20-MAY-2011 17:35
Report Date: 06/09/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2680-3
Client ID: SC-23D-211
SDG: DOV-90
Extracted by:
Extraction Method: SW846 5030
Analyst: TTC
Analysis Method: SW846 8260B
Lab Prep Batch: WG91844
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	2	1.0	2	2	0.2
74-87-3	Chloromethane	U	1	1.0	1	1	0.4
75-01-4	Vinyl chloride		16	1.0	1	1	0.2
74-83-9	Bromomethane	U	1	1.0	1	1	0.5
75-00-3	Chloroethane	U	1	1.0	1	1	0.6
75-69-4	Trichlorofluoromethane	U	2	1.0	2	2	0.2
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.4
75-09-2	Methylene Chloride	U	2	1.0	5	5	1
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.2
75-34-3	1,1-Dichloroethane		2	1.0	1	1	0.2
156-59-2	cis-1,2-Dichloroethene		2	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)		2	1.0	1	1	0.2
594-20-7	2,2-Dichloropropane	U	1	1.0	1	1	0.2
67-66-3	Chloroform	U	1	1.0	1	1	0.3
74-97-5	Bromochloromethane	U	1	1.0	1	1	0.2
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
563-58-6	1,1-Dichloropropene	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.2
71-43-2	Benzene		58	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane		2	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.3
74-95-3	Dibromomethane	U	1	1.0	1	1	0.5
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.3
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.2
108-88-3	Toluene		10	1.0	1	1	0.3
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
142-28-9	1,3-Dichloropropane	U	1	1.0	1	1	0.2
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	1	1.0	1	1	0.2
108-90-7	Chlorobenzene		4	1.0	1	1	0.2
630-20-6	1,1,1,2-Tetrachloroethane	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene		59	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
96-18-4	1,2,3-Trichloropropane	U	1	1.0	1	1	0.2
98-82-8	Isopropylbenzene		25	1.0	1	1	0.2
108-86-1	Bromobenzene	U	1	1.0	1	1	0.2
95-49-8	2-Chlorotoluene	U	1	1.0	1	1	0.2
103-65-1	N-Propylbenzene		8	1.0	1	1	0.3

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/12/11
Received Date: 05/13/11
Extraction Date:
Analysis Date: 20-MAY-2011 17:35
Report Date: 06/09/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2680-3
Client ID: SC-23D-211
SDG: DOV-90
Extracted by:
Extraction Method: SW846 5030
Analyst: TTC
Analysis Method: SW846 8260B
Lab Prep Batch: WG91844
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-43-4	4-Chlorotoluene	U	1	1.0	1	1	0.3
108-67-8	1,3,5-Trimethylbenzene		13	1.0	1	1	0.2
98-06-6	tert-Butylbenzene	U	1	1.0	1	1	0.3
120-82-1	1,2,4-Trichlorobenzene	U	1	1.0	1	1	0.4
135-98-8	sec-Butylbenzene	U	1	1.0	1	1	0.2
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.3
99-87-6	P-Isopropyltoluene		8	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene		6	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
104-51-8	N-Butylbenzene	U	1	1.0	1	1	0.2
96-12-8	1,2-Dibromo-3-Chloropropane	U	1	1.0	1	1	0.5
95-63-6	1,2,4-Trimethylbenzene		42	1.0	1	1	0.2
91-20-3	Naphthalene		4	1.0	1	1	0.3
87-68-3	Hexachlorobutadiene	U	1	1.0	1	1	0.5
87-61-6	1,2,3-Trichlorobenzene	U	1	1.0	1	1	0.3
1634-04-4	Methyl tert-butyl ether	U	1	1.0	1	1	0.4
67-64-1	Acetone		13	1.0	5	5	2
78-93-3	2-Butanone	U	5	1.0	5	5	1
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	1
591-78-6	2-Hexanone	U	5	1.0	5	5	2
	m+p-Xylenes		180	1.0	2	2	0.6
95-47-6	o-Xylene		60	1.0	1	1	0.2
1330-20-7	Xylenes (total)		240	1.0	3	3	0.2
108-70-3	1,3,5-Trichlorobenzene	U	1	1.0	1	1	0.2
108-05-4	Vinyl Acetate	U	1	1.0	1	1	0.4
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
60-29-7	Diethyl Ether		43	1.0	1	1	0.4
109-99-9	Tetrahydrofuran		210	1.0	5	5	2
994-05-8	Tertiary-amyl methyl ether	U	1	1.0	1	1	0.2
637-92-3	Ethyl tertiary-butyl ether	U	1	1.0	1	1	0.2
108-20-3	Di-isopropyl ether	U	1	1.0	1	1	0.2
75-65-0	Tertiary-butyl alcohol		47	1.0	5	5	2
460-00-4	P-Bromofluorobenzene		104%				
2037-26-5	Toluene-D8		98%				
17060-07-0	1,2-Dichloroethane-D4		109%				
1868-53-7	Dibromofluoromethane		108%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/12/11
Received Date: 05/13/11
Extraction Date:
Analysis Date: 20-MAY-2011 17:34
Report Date: 06/09/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2681-1
Client ID: SC-24S-211
SDG: DOV-90
Extracted by:
Extraction Method: SW846 5030
Analyst: TTC
Analysis Method: SW846 8260B
Lab Prep Batch: WG91845
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	1	1.0	1	1	0.4
75-01-4	Vinyl chloride	U	1	1.0	1	1	0.2
74-83-9	Bromomethane	U	1	1.0	1	1	0.5
75-00-3	Chloroethane	U	1	1.0	1	1	0.6
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.4
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	5	1.0	5	5	1
67-64-1	Acetone	U	5	1.0	5	5	2
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.2
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.2
67-66-3	Chloroform	U	1	1.0	1	1	0.3
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.2
109-99-9	Tetrahydrofuran	U	5	1.0	5	5	2
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
78-93-3	2-Butanone	U	5	1.0	5	5	1
71-43-2	Benzene	U	1	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.3
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.2
108-88-3	Toluene	U	1	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	1
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
	m+p-Xylenes	U	2	1.0	2	2	0.6
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
460-00-4	P-Bromofluorobenzene		95%				
2037-26-5	Toluene-D8		101%				
17060-07-0	1,2-Dichloroethane-D4		93%				
1868-53-7	Dibromofluoromethane		93%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/12/11
Received Date: 05/13/11
Extraction Date:
Analysis Date: 20-MAY-2011 18:38
Report Date: 06/09/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2681-5
Client ID: SC-24I-211
SDG: DOV-90
Extracted by:
Extraction Method: SW846 5030
Analyst: TTC
Analysis Method: SW846 8260B
Lab Prep Batch: WG91845
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	1	1.0	1	1	0.4
75-01-4	Vinyl chloride	U	1	1.0	1	1	0.2
74-83-9	Bromomethane	U	1	1.0	1	1	0.5
75-00-3	Chloroethane	U	1	1.0	1	1	0.6
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.4
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	5	1.0	5	5	1
67-64-1	Acetone	U	5	1.0	5	5	2
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.2
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.2
67-66-3	Chloroform	U	1	1.0	1	1	0.3
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.2
109-99-9	Tetrahydrofuran	U	5	1.0	5	5	2
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
78-93-3	2-Butanone	U	5	1.0	5	5	1
71-43-2	Benzene	U	1	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.3
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.2
108-88-3	Toluene	U	1	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	1
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
	m+p-Xylenes	U	2	1.0	2	2	0.6
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
460-00-4	P-Bromofluorobenzene		93%				
2037-26-5	Toluene-D8		100%				
17060-07-0	1,2-Dichloroethane-D4		93%				
1868-53-7	Dibromofluoromethane		90%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/12/11
Received Date: 05/13/11
Extraction Date:
Analysis Date: 20-MAY-2011 18:05
Report Date: 06/09/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2681-3
Client ID: SC-24D-211
SDG: DOV-90
Extracted by:
Extraction Method: SW846 5030
Analyst: TTC
Analysis Method: SW846 8260B
Lab Prep Batch: WG91845
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	1	1.0	1	1	0.4
75-01-4	Vinyl chloride	U	1	1.0	1	1	0.2
74-83-9	Bromomethane	U	1	1.0	1	1	0.5
75-00-3	Chloroethane	U	1	1.0	1	1	0.6
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.4
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	5	1.0	5	5	1
67-64-1	Acetone	U	5	1.0	5	5	2
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.2
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.2
67-66-3	Chloroform	U	1	1.0	1	1	0.3
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.2
109-99-9	Tetrahydrofuran	U	5	1.0	5	5	2
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
78-93-3	2-Butanone	U	5	1.0	5	5	1
71-43-2	Benzene	U	1	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.3
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.2
108-88-3	Toluene	U	1	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	1
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
	m+p-Xylenes	U	2	1.0	2	2	0.6
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
460-00-4	P-Bromofluorobenzene		96%				
2037-26-5	Toluene-D8		101%				
17060-07-0	1,2-Dichloroethane-D4		93%				
1868-53-7	Dibromofluoromethane		92%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/09/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 20-MAY-2011 04:04
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2609-1
Client ID: SC-25-211
SDG: DOV-89
Extracted by:
Extraction Method: SW846 5030
Analyst: DJP
Analysis Method: SW846 8260B
Lab Prep Batch: WG91779
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	2	1.0	2	2	0.2
74-87-3	Chloromethane	U	1	1.0	1	1	0.4
75-01-4	Vinyl chloride	U	1	1.0	1	1	0.2
74-83-9	Bromomethane	U	1	1.0	1	1	0.5
75-00-3	Chloroethane	U	1	1.0	1	1	0.6
75-69-4	Trichlorofluoromethane	U	2	1.0	2	2	0.2
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.4
75-09-2	Methylene Chloride	U	5	1.0	5	5	1
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.2
156-59-2	cis-1,2-Dichloroethene	U	1.0	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	1.0	1.0	1	1	0.2
594-20-7	2,2-Dichloropropane	U	1	1.0	1	1	0.2
67-66-3	Chloroform	U	1	1.0	1	1	0.3
74-97-5	Bromochloromethane	U	1	1.0	1	1	0.2
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
563-58-6	1,1-Dichloropropene	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.2
71-43-2	Benzene	U	1	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.3
74-95-3	Dibromomethane	U	1	1.0	1	1	0.5
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.3
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.2
108-88-3	Toluene	U	1	1.0	1	1	0.3
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
142-28-9	1,3-Dichloropropane	U	1	1.0	1	1	0.2
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	1	1.0	1	1	0.2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
630-20-6	1,1,1,2-Tetrachloroethane	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
96-18-4	1,2,3-Trichloropropane	U	1	1.0	1	1	0.2
98-82-8	Isopropylbenzene	U	1	1.0	1	1	0.2
108-86-1	Bromobenzene	U	1	1.0	1	1	0.2
95-49-8	2-Chlorotoluene	U	1	1.0	1	1	0.2
103-65-1	N-Propylbenzene	U	1	1.0	1	1	0.3

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/09/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 20-MAY-2011 04:04
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2609-1
Client ID: SC-25-211
SDG: DOV-89
Extracted by:
Extraction Method: SW846 5030
Analyst: DJP
Analysis Method: SW846 8260B
Lab Prep Batch: WG91779
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-43-4	4-Chlorotoluene	U	1	1.0	1	1	0.3
108-67-8	1,3,5-Trimethylbenzene	U	1	1.0	1	1	0.2
98-06-6	tert-Butylbenzene	U	1	1.0	1	1	0.3
120-82-1	1,2,4-Trichlorobenzene	U	1	1.0	1	1	0.4
135-98-8	sec-Butylbenzene	U	1	1.0	1	1	0.2
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.3
99-87-6	P-Isopropyltoluene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
104-51-8	N-Butylbenzene	U	1	1.0	1	1	0.2
96-12-8	1,2-Dibromo-3-Chloropropane	U	1	1.0	1	1	0.5
95-63-6	1,2,4-Trimethylbenzene	U	1	1.0	1	1	0.2
91-20-3	Naphthalene	U	1	1.0	1	1	0.3
87-68-3	Hexachlorobutadiene	U	1	1.0	1	1	0.5
87-61-6	1,2,3-Trichlorobenzene	U	1	1.0	1	1	0.3
1634-04-4	Methyl tert-butyl ether	U	1	1.0	1	1	0.4
67-64-1	Acetone	U	5	1.0	5	5	2
78-93-3	2-Butanone	U	5	1.0	5	5	1
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	1
591-78-6	2-Hexanone	U	5	1.0	5	5	2
	m+p-Xylenes	U	2	1.0	2	2	0.6
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.2
108-70-3	1,3,5-Trichlorobenzene	U	1	1.0	1	1	0.2
108-05-4	Vinyl Acetate	U	1	1.0	1	1	0.4
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
60-29-7	Diethyl Ether	U	1	1.0	1	1	0.4
109-99-9	Tetrahydrofuran	U	5	1.0	5	5	2
994-05-8	Tertiary-amyl methyl ether	U	1	1.0	1	1	0.2
637-92-3	Ethyl tertiary-butyl ether	U	1	1.0	1	1	0.2
108-20-3	Di-isopropyl ether	U	1	1.0	1	1	0.2
75-65-0	Tertiary-butyl alcohol	U	5	1.0	5	5	2
460-00-4	P-Bromofluorobenzene		86%				
2037-26-5	Toluene-D8		98%				
17060-07-0	1,2-Dichloroethane-D4		86%				
1868-53-7	Dibromofluoromethane		105%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/05/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 18-MAY-2011 11:38
Report Date: 06/07/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2518-27
Client ID: SC-26-211
SDG: DOV-88
Extracted by:
Extraction Method: SW846 5030
Analyst: TTC
Analysis Method: SW846 8260B
Lab Prep Batch: WG91701
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	2	1.0	2	2	0.2
74-87-3	Chloromethane	U	1	1.0	1	1	0.4
75-01-4	Vinyl chloride	U	1	1.0	1	1	0.2
74-83-9	Bromomethane	U	1	1.0	1	1	0.5
75-00-3	Chloroethane	U	1	1.0	1	1	0.6
75-69-4	Trichlorofluoromethane	U	2	1.0	2	2	0.2
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.4
75-09-2	Methylene Chloride	U	5	1.0	5	5	1
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.2
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	1	1.0	1	1	0.2
594-20-7	2,2-Dichloropropane	U	1	1.0	1	1	0.2
67-66-3	Chloroform		9	1.0	1	1	0.3
74-97-5	Bromochloromethane	U	1	1.0	1	1	0.2
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
563-58-6	1,1-Dichloropropene	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.2
71-43-2	Benzene	U	1	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.3
74-95-3	Dibromomethane	U	1	1.0	1	1	0.5
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.3
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.2
108-88-3	Toluene	U	1	1.0	1	1	0.3
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
142-28-9	1,3-Dichloropropane	U	1	1.0	1	1	0.2
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	1	1.0	1	1	0.2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
630-20-6	1,1,1,2-Tetrachloroethane	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
96-18-4	1,2,3-Trichloropropane	U	1	1.0	1	1	0.2
98-82-8	Isopropylbenzene	U	1	1.0	1	1	0.2
108-86-1	Bromobenzene	U	1	1.0	1	1	0.2
95-49-8	2-Chlorotoluene	U	1	1.0	1	1	0.2
103-65-1	N-Propylbenzene	U	1	1.0	1	1	0.3

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/05/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 18-MAY-2011 11:38
Report Date: 06/07/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2518-27
Client ID: SC-26-211
SDG: DOV-88
Extracted by:
Extraction Method: SW846 5030
Analyst: TTC
Analysis Method: SW846 8260B
Lab Prep Batch: WG91701
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-43-4	4-Chlorotoluene	U	1	1.0	1	1	0.3
108-67-8	1,3,5-Trimethylbenzene	U	1	1.0	1	1	0.2
98-06-6	tert-Butylbenzene	U	1	1.0	1	1	0.3
120-82-1	1,2,4-Trichlorobenzene	U	1	1.0	1	1	0.4
135-98-8	sec-Butylbenzene	U	1	1.0	1	1	0.2
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.3
99-87-6	P-Isopropyltoluene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
104-51-8	N-Butylbenzene	U	1	1.0	1	1	0.2
96-12-8	1,2-Dibromo-3-Chloropropane	U	1	1.0	1	1	0.5
95-63-6	1,2,4-Trimethylbenzene	U	1	1.0	1	1	0.2
91-20-3	Naphthalene	U	1	1.0	1	1	0.3
87-68-3	Hexachlorobutadiene	U	1	1.0	1	1	0.5
87-61-6	1,2,3-Trichlorobenzene	U	1	1.0	1	1	0.3
1634-04-4	Methyl tert-butyl ether	U	1	1.0	1	1	0.4
67-64-1	Acetone	U	5	1.0	5	5	2
78-93-3	2-Butanone	U	5	1.0	5	5	1
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	1
591-78-6	2-Hexanone	U	5	1.0	5	5	2
	m+p-Xylenes	U	2	1.0	2	2	0.6
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.2
108-70-3	1,3,5-Trichlorobenzene	U	1	1.0	1	1	0.2
108-05-4	Vinyl Acetate	U	1	1.0	1	1	0.4
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
60-29-7	Diethyl Ether	U	1	1.0	1	1	0.4
109-99-9	Tetrahydrofuran	U	5	1.0	5	5	2
994-05-8	Tertiary-amyl methyl ether	U	1	1.0	1	1	0.2
637-92-3	Ethyl tertiary-butyl ether	U	1	1.0	1	1	0.2
108-20-3	Di-isopropyl ether	U	1	1.0	1	1	0.2
75-65-0	Tertiary-butyl alcohol	U	5	1.0	5	5	2
460-00-4	P-Bromofluorobenzene		90%				
2037-26-5	Toluene-D8		96%				
17060-07-0	1,2-Dichloroethane-D4		92%				
1868-53-7	Dibromofluoromethane		105%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/05/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 18-MAY-2011 10:00
Report Date: 06/07/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2518-21
Client ID: SC-27-211
SDG: DOV-88
Extracted by:
Extraction Method: SW846 5030
Analyst: TTC
Analysis Method: SW846 8260B
Lab Prep Batch: WG91701
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	2	1.0	2	2	0.2
74-87-3	Chloromethane	U	1	1.0	1	1	0.4
75-01-4	Vinyl chloride	U	1	1.0	1	1	0.2
74-83-9	Bromomethane	U	1	1.0	1	1	0.5
75-00-3	Chloroethane	U	1	1.0	1	1	0.6
75-69-4	Trichlorofluoromethane	U	2	1.0	2	2	0.2
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.4
75-09-2	Methylene Chloride	U	5	1.0	5	5	1
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.2
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	1	1.0	1	1	0.2
594-20-7	2,2-Dichloropropane	U	1	1.0	1	1	0.2
67-66-3	Chloroform	U	1	1.0	1	1	0.3
74-97-5	Bromochloromethane	U	1	1.0	1	1	0.2
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
563-58-6	1,1-Dichloropropene	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.2
71-43-2	Benzene	U	1	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.3
74-95-3	Dibromomethane	U	1	1.0	1	1	0.5
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.3
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.2
108-88-3	Toluene	U	1	1.0	1	1	0.3
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
142-28-9	1,3-Dichloropropane	U	1	1.0	1	1	0.2
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	1	1.0	1	1	0.2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
630-20-6	1,1,1,2-Tetrachloroethane	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
96-18-4	1,2,3-Trichloropropane	U	1	1.0	1	1	0.2
98-82-8	Isopropylbenzene	U	1	1.0	1	1	0.2
108-86-1	Bromobenzene	U	1	1.0	1	1	0.2
95-49-8	2-Chlorotoluene	U	1	1.0	1	1	0.2
103-65-1	N-Propylbenzene	U	1	1.0	1	1	0.3

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/05/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 18-MAY-2011 10:00
Report Date: 06/07/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2518-21
Client ID: SC-27-211
SDG: DOV-88
Extracted by:
Extraction Method: SW846 5030
Analyst: TTC
Analysis Method: SW846 8260B
Lab Prep Batch: WG91701
Units: ug/l

CAS#	Compound	Flag#	Results	DF	PQL	Adj.PQL	Adj.MDL
106-43-4	4-Chlorotoluene	U	1	1.0	1	1	0.3
108-67-8	1,3,5-Trimethylbenzene	U	1	1.0	1	1	0.2
98-06-6	tert-Butylbenzene	U	1	1.0	1	1	0.3
120-82-1	1,2,4-Trichlorobenzene	U	1	1.0	1	1	0.4
135-98-8	sec-Butylbenzene	U	1	1.0	1	1	0.2
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.3
99-87-6	P-Isopropyltoluene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
104-51-8	N-Butylbenzene	U	1	1.0	1	1	0.2
96-12-8	1,2-Dibromo-3-Chloropropane	U	1	1.0	1	1	0.5
95-63-6	1,2,4-Trimethylbenzene	U	1	1.0	1	1	0.2
91-20-3	Naphthalene	U	1	1.0	1	1	0.3
87-68-3	Hexachlorobutadiene	U	1	1.0	1	1	0.5
87-61-6	1,2,3-Trichlorobenzene	U	1	1.0	1	1	0.3
1634-04-4	Methyl tert-butyl ether	U	1	1.0	1	1	0.4
67-64-1	Acetone	U	5	1.0	5	5	2
78-93-3	2-Butanone	U	5	1.0	5	5	1
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	1
591-78-6	2-Hexanone	U	5	1.0	5	5	2
	m+p-Xylenes	U	2	1.0	2	2	0.6
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.2
108-70-3	1,3,5-Trichlorobenzene	U	1	1.0	1	1	0.2
108-05-4	Vinyl Acetate	U	1	1.0	1	1	0.4
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
60-29-7	Diethyl Ether	U	1	1.0	1	1	0.4
109-99-9	Tetrahydrofuran	U	5	1.0	5	5	2
994-05-8	Tertiary-amyl methyl ether	U	1	1.0	1	1	0.2
637-92-3	Ethyl tertiary-butyl ether	U	1	1.0	1	1	0.2
108-20-3	Di-isopropyl ether	U	1	1.0	1	1	0.2
75-65-0	Tertiary-butyl alcohol	U	5	1.0	5	5	2
460-00-4	P-Bromofluorobenzene		89%				
2037-26-5	Toluene-D8		96%				
17060-07-0	1,2-Dichloroethane-D4		92%				
1868-53-7	Dibromofluoromethane		104%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/11/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 18-MAY-2011 21:18
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2611-11
Client ID: RB-01-211
SDG: DOV-89
Extracted by:
Extraction Method: SW846 5030
Analyst: DJP
Analysis Method: SW846 8260B
Lab Prep Batch: WG91716
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	1	1.0	1	1	0.4
75-01-4	Vinyl chloride	U	1	1.0	1	1	0.2
74-83-9	Bromomethane	U	1	1.0	1	1	0.5
75-00-3	Chloroethane	U	1	1.0	1	1	0.6
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.4
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	5	1.0	5	5	1
67-64-1	Acetone	J	3	1.0	5	5	2
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.2
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.2
67-66-3	Chloroform	U	1	1.0	1	1	0.3
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.2
109-99-9	Tetrahydrofuran	U	5	1.0	5	5	2
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
78-93-3	2-Butanone	U	5	1.0	5	5	1
71-43-2	Benzene	U	1	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.3
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.2
108-88-3	Toluene	U	1	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	1
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
	m+p-Xylenes	U	2	1.0	2	2	0.6
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
460-00-4	P-Bromofluorobenzene		92%				
2037-26-5	Toluene-D8		101%				
17060-07-0	1,2-Dichloroethane-D4		92%				
1868-53-7	Dibromofluoromethane		102%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/13/11
Received Date: 05/13/11
Extraction Date:
Analysis Date: 23-MAY-2011 14:00
Report Date: 06/09/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2681-21
Client ID: RB-02-211
SDG: DOV-90
Extracted by:
Extraction Method: SW846 5030
Analyst: DWM
Analysis Method: SW846 8260B
Lab Prep Batch: WG91907
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	1	1.0	1	1	0.4
75-01-4	Vinyl chloride	U	1	1.0	1	1	0.2
74-83-9	Bromomethane	U	1	1.0	1	1	0.5
75-00-3	Chloroethane	U	1	1.0	1	1	0.6
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.4
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	5	1.0	5	5	1
67-64-1	Acetone	U	5	1.0	5	5	2
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.2
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.2
67-66-3	Chloroform	U	1	1.0	1	1	0.3
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.2
109-99-9	Tetrahydrofuran	U	5	1.0	5	5	2
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
78-93-3	2-Butanone	U	5	1.0	5	5	1
71-43-2	Benzene	U	1	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.3
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.2
108-88-3	Toluene	U	1	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	1
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
	m+p-Xylenes	U	2	1.0	2	2	0.6
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
460-00-4	P-Bromofluorobenzene		96%				
2037-26-5	Toluene-D8		99%				
17060-07-0	1,2-Dichloroethane-D4		97%				
1868-53-7	Dibromofluoromethane		96%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/13/11
Received Date: 05/13/11
Extraction Date:
Analysis Date: 20-MAY-2011 20:49
Report Date: 06/09/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2681-13
Client ID: DUP-01-211
SDG: DOV-90
Extracted by:
Extraction Method: SW846 5030
Analyst: TTC
Analysis Method: SW846 8260B
Lab Prep Batch: WG91845
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	1	1.0	1	1	0.4
75-01-4	Vinyl chloride	U	1	1.0	1	1	0.2
74-83-9	Bromomethane	U	1	1.0	1	1	0.5
75-00-3	Chloroethane	U	1	1.0	1	1	0.6
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.4
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	5	1.0	5	5	1
67-64-1	Acetone	U	5	1.0	5	5	2
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.2
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.2
67-66-3	Chloroform	U	1	1.0	1	1	0.3
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.2
109-99-9	Tetrahydrofuran	U	5	1.0	5	5	2
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
78-93-3	2-Butanone	U	5	1.0	5	5	1
71-43-2	Benzene		6	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.3
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.2
108-88-3	Toluene	J	0.5	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	1
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene		27	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.2
1330-20-7	Xylenes (total)		200	1.0	3	3	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
	m+p-Xylenes		200	1.0	2	2	0.6
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
460-00-4	P-Bromofluorobenzene		96%				
2037-26-5	Toluene-D8		100%				
17060-07-0	1,2-Dichloroethane-D4		94%				
1868-53-7	Dibromofluoromethane		93%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/13/11
Received Date: 05/13/11
Extraction Date:
Analysis Date: 23-MAY-2011 18:14
Report Date: 06/09/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2681-17
Client ID: DUP-02-211
SDG: DOV-90
Extracted by:
Extraction Method: SW846 5030
Analyst: DWM
Analysis Method: SW846 8260B
Lab Prep Batch: WG91907
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	1	1.0	1	1	0.4
75-01-4	Vinyl chloride	U	1	1.0	1	1	0.2
74-83-9	Bromomethane	U	1	1.0	1	1	0.5
75-00-3	Chloroethane	U	1	1.0	1	1	0.6
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.4
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	5	1.0	5	5	1
67-64-1	Acetone	U	5	1.0	5	5	2
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.2
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.2
67-66-3	Chloroform	U	1	1.0	1	1	0.3
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.2
109-99-9	Tetrahydrofuran	U	5	1.0	5	5	2
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
78-93-3	2-Butanone	U	5	1.0	5	5	1
71-43-2	Benzene		1	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.3
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.2
108-88-3	Toluene	U	1	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	1
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene		4	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.2
1330-20-7	Xylenes (total)	J	2	1.0	3	3	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
	m+p-Xylenes		2	1.0	2	2	0.6
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
460-00-4	P-Bromofluorobenzene		97%				
2037-26-5	Toluene-D8		100%				
17060-07-0	1,2-Dichloroethane-D4		96%				
1868-53-7	Dibromofluoromethane		96%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 04/29/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 16-MAY-2011 13:51
Report Date: 06/07/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2515-13
Client ID: TRIP BLANK
SDG: DOV-88
Extracted by:
Extraction Method: SW846 5030
Analyst: DWM
Analysis Method: SW846 8260B
Lab Prep Batch: WG91609
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	1	1.0	1	1	0.4
75-01-4	Vinyl chloride	U	1	1.0	1	1	0.2
74-83-9	Bromomethane	U	1	1.0	1	1	0.5
75-00-3	Chloroethane	U	1	1.0	1	1	0.6
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.4
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	5	1.0	5	5	1
67-64-1	Acetone	U	5	1.0	5	5	2
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.2
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.2
67-66-3	Chloroform	U	1	1.0	1	1	0.3
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.2
109-99-9	Tetrahydrofuran	U	5	1.0	5	5	2
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
78-93-3	2-Butanone	U	5	1.0	5	5	1
71-43-2	Benzene	U	1	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.3
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.2
108-88-3	Toluene	U	1	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	1
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
	m+p-Xylenes	U	2	1.0	2	2	0.6
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
460-00-4	P-Bromofluorobenzene		93%				
2037-26-5	Toluene-D8		109%				
17060-07-0	1,2-Dichloroethane-D4		98%				
1868-53-7	Dibromofluoromethane		106%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 04/29/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 18-MAY-2011 21:50
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2611-13
Client ID: TB-02-211
SDG: DOV-89
Extracted by:
Extraction Method: SW846 5030
Analyst: DJP
Analysis Method: SW846 8260B
Lab Prep Batch: WG91716
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	1	1.0	1	1	0.4
75-01-4	Vinyl chloride	U	1	1.0	1	1	0.2
74-83-9	Bromomethane	U	1	1.0	1	1	0.5
75-00-3	Chloroethane	U	1	1.0	1	1	0.6
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.4
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	5	1.0	5	5	1
67-64-1	Acetone	U	5	1.0	5	5	2
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.2
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.2
67-66-3	Chloroform	U	1	1.0	1	1	0.3
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.2
109-99-9	Tetrahydrofuran	U	5	1.0	5	5	2
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
78-93-3	2-Butanone	U	5	1.0	5	5	1
71-43-2	Benzene	U	1	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.3
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.2
108-88-3	Toluene	U	1	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	1
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
	m+p-Xylenes	U	2	1.0	2	2	0.6
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
460-00-4	P-Bromofluorobenzene		94%				
2037-26-5	Toluene-D8		100%				
17060-07-0	1,2-Dichloroethane-D4		94%				
1868-53-7	Dibromofluoromethane		106%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 04/29/11
Received Date: 05/13/11
Extraction Date:
Analysis Date: 20-MAY-2011 12:18
Report Date: 06/09/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2681-23
Client ID: TB-03-211
SDG: DOV-90
Extracted by:
Extraction Method: SW846 5030
Analyst: TTC
Analysis Method: SW846 8260B
Lab Prep Batch: WG91845
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	1	1.0	1	1	0.4
75-01-4	Vinyl chloride	U	1	1.0	1	1	0.2
74-83-9	Bromomethane	U	1	1.0	1	1	0.5
75-00-3	Chloroethane	U	1	1.0	1	1	0.6
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.4
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	5	1.0	5	5	1
67-64-1	Acetone	U	5	1.0	5	5	2
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.2
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.2
67-66-3	Chloroform	U	1	1.0	1	1	0.3
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.2
109-99-9	Tetrahydrofuran	U	5	1.0	5	5	2
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
78-93-3	2-Butanone	U	5	1.0	5	5	1
71-43-2	Benzene	U	1	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.3
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.2
108-88-3	Toluene	U	1	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	1
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
	m+p-Xylenes	U	2	1.0	2	2	0.6
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
460-00-4	P-Bromofluorobenzene		92%				
2037-26-5	Toluene-D8		97%				
17060-07-0	1,2-Dichloroethane-D4		89%				
1868-53-7	Dibromofluoromethane		88%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/06/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 13-MAY-2011 22:23
Report Date: 06/07/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2515-9
Client ID: SW-A-211
SDG: DOV-88
Extracted by:
Extraction Method: SW846 5030
Analyst: DWM
Analysis Method: SW846 8260B
Lab Prep Batch: WG91526
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	1	1.0	1	1	0.4
75-01-4	Vinyl chloride		2	1.0	1	1	0.2
74-83-9	Bromomethane	U	1	1.0	1	1	0.5
75-00-3	Chloroethane	U	1	1.0	1	1	0.6
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.4
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	5	1.0	5	5	1
67-64-1	Acetone	U	5	1.0	5	5	2
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.2
75-34-3	1,1-Dichloroethane	J	0.6	1.0	1	1	0.2
156-59-2	cis-1,2-Dichloroethene		21	1.0	1	1	0.2
67-66-3	Chloroform	U	1	1.0	1	1	0.3
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.2
109-99-9	Tetrahydrofuran	U	5	1.0	5	5	2
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
78-93-3	2-Butanone	U	5	1.0	5	5	1
71-43-2	Benzene	U	1	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	J	0.4	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.3
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.2
108-88-3	Toluene	U	1	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	1
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
	m+p-Xylenes	U	2	1.0	2	2	0.6
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
460-00-4	P-Bromofluorobenzene		98%				
2037-26-5	Toluene-D8		103%				
17060-07-0	1,2-Dichloroethane-D4		101%				
1868-53-7	Dibromofluoromethane		110%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/06/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 18-MAY-2011 12:43
Report Date: 06/07/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2518-31
Client ID: SW-C-211
SDG: DOV-88
Extracted by:
Extraction Method: SW846 5030
Analyst: TTC
Analysis Method: SW846 8260B
Lab Prep Batch: WG91701
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	2	1.0	2	2	0.2
74-87-3	Chloromethane	U	1	1.0	1	1	0.4
75-01-4	Vinyl chloride		37	1.0	1	1	0.2
74-83-9	Bromomethane	U	1	1.0	1	1	0.5
75-00-3	Chloroethane	U	1	1.0	1	1	0.6
75-69-4	Trichlorofluoromethane	U	2	1.0	2	2	0.2
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.4
75-09-2	Methylene Chloride	U	5	1.0	5	5	1
156-60-5	trans-1,2-Dichloroethene	J	0.8	1.0	1	1	0.2
75-34-3	1,1-Dichloroethane		4	1.0	1	1	0.2
156-59-2	cis-1,2-Dichloroethene		200	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)		200	1.0	1	1	0.2
594-20-7	2,2-Dichloropropane	U	1	1.0	1	1	0.2
67-66-3	Chloroform	U	1	1.0	1	1	0.3
74-97-5	Bromochloromethane	U	1	1.0	1	1	0.2
71-55-6	1,1,1-Trichloroethane		3	1.0	1	1	0.2
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
563-58-6	1,1-Dichloropropene	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.2
71-43-2	Benzene	J	0.4	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene		2	1.0	1	1	0.3
74-95-3	Dibromomethane	U	1	1.0	1	1	0.5
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.3
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.2
108-88-3	Toluene		21	1.0	1	1	0.3
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
142-28-9	1,3-Dichloropropane	U	1	1.0	1	1	0.2
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	1	1.0	1	1	0.2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
630-20-6	1,1,1,2-Tetrachloroethane	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene		2	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
96-18-4	1,2,3-Trichloropropane	U	1	1.0	1	1	0.2
98-82-8	Isopropylbenzene	J	0.4	1.0	1	1	0.2
108-86-1	Bromobenzene	U	1	1.0	1	1	0.2
95-49-8	2-Chlorotoluene	U	1	1.0	1	1	0.2
103-65-1	N-Propylbenzene	J	0.4	1.0	1	1	0.3

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/06/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 18-MAY-2011 12:43
Report Date: 06/07/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2518-31
Client ID: SW-C-211
SDG: DOV-88
Extracted by:
Extraction Method: SW846 5030
Analyst: TTC
Analysis Method: SW846 8260B
Lab Prep Batch: WG91701
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-43-4	4-Chlorotoluene	U	1	1.0	1	1	0.3
108-67-8	1,3,5-Trimethylbenzene	U	0.6	1.0	1	1	0.2
98-06-6	tert-Butylbenzene	U	1	1.0	1	1	0.3
120-82-1	1,2,4-Trichlorobenzene	U	1	1.0	1	1	0.4
135-98-8	sec-Butylbenzene	U	1	1.0	1	1	0.2
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.3
99-87-6	P-Isopropyltoluene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
104-51-8	N-Butylbenzene	U	1	1.0	1	1	0.2
96-12-8	1,2-Dibromo-3-Chloropropane	U	1	1.0	1	1	0.5
95-63-6	1,2,4-Trimethylbenzene		2	1.0	1	1	0.2
91-20-3	Naphthalene	U	1	1.0	1	1	0.3
87-68-3	Hexachlorobutadiene	U	1	1.0	1	1	0.5
87-61-6	1,2,3-Trichlorobenzene	U	1	1.0	1	1	0.3
1634-04-4	Methyl tert-butyl ether	U	1	1.0	1	1	0.4
67-64-1	Acetone		6	1.0	5	5	2
78-93-3	2-Butanone		11	1.0	5	5	1
108-10-1	4-methyl-2-pentanone		8	1.0	5	5	1
591-78-6	2-Hexanone	U	5	1.0	5	5	2
	m+p-Xylenes		7	1.0	2	2	0.6
95-47-6	o-Xylene		4	1.0	1	1	0.2
1330-20-7	Xylenes (total)		11	1.0	3	3	0.2
108-70-3	1,3,5-Trichlorobenzene	U	1	1.0	1	1	0.2
108-05-4	Vinyl Acetate	U	1	1.0	1	1	0.4
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
60-29-7	Diethyl Ether	U	1	1.0	1	1	0.4
109-99-9	Tetrahydrofuran	U	5	1.0	5	5	2
994-05-8	Tertiary-amyl methyl ether	U	1	1.0	1	1	0.2
637-92-3	Ethyl tertiary-butyl ether	U	1	1.0	1	1	0.2
108-20-3	Di-isopropyl ether	U	1	1.0	1	1	0.2
75-65-0	Tertiary-butyl alcohol	U	5	1.0	5	5	2
460-00-4	P-Bromofluorobenzene		94%				
2037-26-5	Toluene-D8		101%				
17060-07-0	1,2-Dichloroethane-D4		96%				
1868-53-7	Dibromofluoromethane		109%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/06/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 18-MAY-2011 12:10
Report Date: 06/07/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2518-29
Client ID: SW-D1-211
SDG: DOV-88
Extracted by:
Extraction Method: SW846 5030
Analyst: TTC
Analysis Method: SW846 8260B
Lab Prep Batch: WG91701
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	2	1.0	2	2	0.2
74-87-3	Chloromethane	U	1	1.0	1	1	0.4
75-01-4	Vinyl chloride		6	1.0	1	1	0.2
74-83-9	Bromomethane	U	1	1.0	1	1	0.5
75-00-3	Chloroethane	U	1	1.0	1	1	0.6
75-69-4	Trichlorofluoromethane	U	2	1.0	2	2	0.2
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.4
75-09-2	Methylene Chloride	U	5	1.0	5	5	1
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.2
75-34-3	1,1-Dichloroethane	J	1.0	1.0	1	1	0.2
156-59-2	cis-1,2-Dichloroethene		55	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)		55	1.0	1	1	0.2
594-20-7	2,2-Dichloropropane	U	1	1.0	1	1	0.2
67-66-3	Chloroform	U	1	1.0	1	1	0.3
74-97-5	Bromochloromethane	U	1	1.0	1	1	0.2
71-55-6	1,1,1-Trichloroethane	J	0.7	1.0	1	1	0.2
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
563-58-6	1,1-Dichloropropene	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.2
71-43-2	Benzene	U	1	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	J	0.6	1.0	1	1	0.3
74-95-3	Dibromomethane	U	1	1.0	1	1	0.5
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.3
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.2
108-88-3	Toluene		4	1.0	1	1	0.3
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
142-28-9	1,3-Dichloropropane	U	1	1.0	1	1	0.2
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	1	1.0	1	1	0.2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
630-20-6	1,1,1,2-Tetrachloroethane	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	J	0.4	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
96-18-4	1,2,3-Trichloropropane	U	1	1.0	1	1	0.2
98-82-8	Isopropylbenzene	U	1	1.0	1	1	0.2
108-86-1	Bromobenzene	U	1	1.0	1	1	0.2
95-49-8	2-Chlorotoluene	U	1	1.0	1	1	0.2
103-65-1	N-Propylbenzene	U	1	1.0	1	1	0.3

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/06/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 18-MAY-2011 12:10
Report Date: 06/07/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2518-29
Client ID: SW-D1-211
SDG: DOV-88
Extracted by:
Extraction Method: SW846 5030
Analyst: TTC
Analysis Method: SW846 8260B
Lab Prep Batch: WG91701
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-43-4	4-Chlorotoluene	U	1	1.0	1	1	0.3
108-67-8	1,3,5-Trimethylbenzene	U	1	1.0	1	1	0.2
98-06-6	tert-Butylbenzene	U	1	1.0	1	1	0.3
120-82-1	1,2,4-Trichlorobenzene	U	1	1.0	1	1	0.4
135-98-8	sec-Butylbenzene	U	1	1.0	1	1	0.2
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.3
99-87-6	P-Isopropyltoluene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
104-51-8	N-Butylbenzene	U	1	1.0	1	1	0.2
96-12-8	1,2-Dibromo-3-Chloropropane	U	1	1.0	1	1	0.5
95-63-6	1,2,4-Trimethylbenzene	J	0.4	1.0	1	1	0.2
91-20-3	Naphthalene	U	1	1.0	1	1	0.3
87-68-3	Hexachlorobutadiene	U	1	1.0	1	1	0.5
87-61-6	1,2,3-Trichlorobenzene	U	1	1.0	1	1	0.3
1634-04-4	Methyl tert-butyl ether	U	1	1.0	1	1	0.4
67-64-1	Acetone	J	4	1.0	5	5	2
78-93-3	2-Butanone	J	4	1.0	5	5	1
108-10-1	4-methyl-2-pentanone	J	3	1.0	5	5	1
591-78-6	2-Hexanone	U	5	1.0	5	5	2
	m+p-Xylenes	J	2	1.0	2	2	0.6
95-47-6	o-Xylene	J	0.8	1.0	1	1	0.2
1330-20-7	Xylenes (total)	J	2	1.0	3	3	0.2
108-70-3	1,3,5-Trichlorobenzene	U	1	1.0	1	1	0.2
108-05-4	Vinyl Acetate	U	1	1.0	1	1	0.4
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
60-29-7	Diethyl Ether	U	1	1.0	1	1	0.4
109-99-9	Tetrahydrofuran	U	5	1.0	5	5	2
994-05-8	Tertiary-amyl methyl ether	U	1	1.0	1	1	0.2
637-92-3	Ethyl tertiary-butyl ether	U	1	1.0	1	1	0.2
108-20-3	Di-isopropyl ether	U	1	1.0	1	1	0.2
75-65-0	Tertiary-butyl alcohol	U	5	1.0	5	5	2
460-00-4	P-Bromofluorobenzene		90%				
2037-26-5	Toluene-D8		95%				
17060-07-0	1,2-Dichloroethane-D4		92%				
1868-53-7	Dibromofluoromethane		105%				

APPENDIX A-2

INORGANIC COMPOUNDS TOTAL IRON, ARSENIC, AND MANGANESE

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** B-2U-211

Matrix: WATER **SDG Name:** DOV-88

Percent Solids: 0.00 **Lab Sample ID:** SE2515-007

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, TOTAL	28.4			P	1	8.0	1.43
7439-89-6	IRON, TOTAL	4040			P	1	100	5.42
7439-96-5	MANGANESE, TOTAL	80.8			P	1	5.0	1.06

Bottle ID: A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** B-8WT-211

Matrix: WATER **SDG Name:** DOV-88

Percent Solids: 0.00 **Lab Sample ID:** SE2515-003

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, TOTAL	7.0	J		P	1	8.0	1.43
7439-89-6	IRON, TOTAL	16200			P	1	100	5.42
7439-96-5	MANGANESE, TOTAL	939			P	1	5.0	1.06

Bottle ID: D

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** B-9U-211

Matrix: WATER **SDG Name:** DOV-90

Percent Solids: 0.00 **Lab Sample ID:** SE2681-007

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7440-38-2	ARSENIC, TOTAL	1.43	U		P	1	8.0	1.43
7439-89-6	IRON, TOTAL	9.3	J		P	1	100	5.42
7439-96-5	MANGANESE, TOTAL	6.6			P	1	5.0	1.06

Bottle ID: D

Comments:

FORM I - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** B-9WT-211

Matrix: WATER **SDG Name:** DOV-90

Percent Solids: 0.00 **Lab Sample ID:** SE2681-009

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7440-38-2	ARSENIC, TOTAL	1.43	U		P	1	8.0	1.43
7439-89-6	IRON, TOTAL	214			P	1	100	5.42
7439-96-5	MANGANESE, TOTAL	4.3	J		P	1	5.0	1.06

Bottle ID: D

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** EP-1S-211

Matrix: WATER **SDG Name:** DOV-89

Percent Solids: 0.00 **Lab Sample ID:** SE2611-003

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, TOTAL	1.43	U		P	1	8.0	1.43
7439-89-6	IRON, TOTAL	301			P	1	100	5.42
7439-96-5	MANGANESE, TOTAL	8.9			P	1	5.0	1.06

Bottle ID: D

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** EP-1I-211

Matrix: WATER **SDG Name:** DOV-89

Percent Solids: 0.00 **Lab Sample ID:** SE2611-007

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, TOTAL	9.6			P	1	8.0	1.43
7439-89-6	IRON, TOTAL	37800			P	1	100	5.42
7439-96-5	MANGANESE, TOTAL	1660			P	1	5.0	1.06

Bottle ID: D

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** EP-1D-211

Matrix: WATER **SDG Name:** DOV-89

Percent Solids: 0.00 **Lab Sample ID:** SE2611-005

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, TOTAL	59.5			P	1	8.0	1.43
7439-89-6	IRON, TOTAL	69.3	J		P	1	100	5.42
7439-96-5	MANGANESE, TOTAL	80.4			P	1	5.0	1.06

Bottle ID: D

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** EP-2S-211

Matrix: WATER **SDG Name:** DOV-88

Percent Solids: 0.00 **Lab Sample ID:** SE2518-019

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, TOTAL	337			P	1	8.0	1.43
7439-89-6	IRON, TOTAL	26400			P	1	100	5.42
7439-96-5	MANGANESE, TOTAL	1850			P	1	5.0	1.06

Bottle ID: D

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** EP-2D-211

Matrix: WATER **SDG Name:** DOV-88

Percent Solids: 0.00 **Lab Sample ID:** SE2518-017

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, TOTAL	744			P	1	8.0	1.43
7439-89-6	IRON, TOTAL	50300			P	1	100	5.42
7439-96-5	MANGANESE, TOTAL	1810			P	1	5.0	1.06

Bottle ID: D

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** MW-103(S)-211

Matrix: WATER **SDG Name:** DOV-88

Percent Solids: 0.00 **Lab Sample ID:** SE2518-023

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, TOTAL	148			P	1	8.0	1.43
7439-89-6	IRON, TOTAL	136000			P	1	100	5.42
7439-96-5	MANGANESE, TOTAL	392			P	1	5.0	1.06

Bottle ID: D

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services
Client Field ID: MW-103(U)-211
Matrix: WATER
SDG Name: DOV-88
Percent Solids: 0.00
Lab Sample ID: SE2518-025

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, TOTAL	89.8			P	1	8.0	1.43
7439-89-6	IRON, TOTAL	46700			P	1	100	5.42
7439-96-5	MANGANESE, TOTAL	3100			P	1	5.0	1.06

Bottle ID: D

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** MW-104S-211

Matrix: WATER **SDG Name:** DOV-90

Percent Solids: 0.00 **Lab Sample ID:** SE2681-011

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7440-38-2	ARSENIC, TOTAL	91.7			P	1	8.0	1.43
7439-89-6	IRON, TOTAL	83500			P	1	100	5.42
7439-96-5	MANGANESE, TOTAL	317			P	1	5.0	1.06

Bottle ID: D

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** MW-104U-211

Matrix: WATER **SDG Name:** DOV-90

Percent Solids: 0.00 **Lab Sample ID:** SE2681-015

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7440-38-2	ARSENIC, TOTAL	16.8			P	1	8.0	1.43
7439-89-6	IRON, TOTAL	10800			P	1	100	5.42
7439-96-5	MANGANESE, TOTAL	146			P	1	5.0	1.06

Bottle ID: D

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** OW-4A-211

Matrix: WATER **SDG Name:** DOV-89

Percent Solids: 0.00 **Lab Sample ID:** SE2609-009

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, TOTAL	3.1	J		P	1	8.0	1.43
7439-89-6	IRON, TOTAL	19900			P	1	100	5.42
7439-96-5	MANGANESE, TOTAL	676			P	1	5.0	1.06

Bottle ID: D

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** SB-5D-211

Matrix: WATER **SDG Name:** DOV-88

Percent Solids: 0.00 **Lab Sample ID:** SE2515-005

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, TOTAL	44.0			P	1	8.0	1.43
7439-89-6	IRON, TOTAL	104000			P	1	100	5.42
7439-96-5	MANGANESE, TOTAL	1300			P	1	5.0	1.06

Bottle ID: A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** SB-8D-211

Matrix: WATER **SDG Name:** DOV-88

Percent Solids: 0.00 **Lab Sample ID:** SE2515-001

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, TOTAL	67.2			P	1	8.0	1.43
7439-89-6	IRON, TOTAL	897			P	1	100	5.42
7439-96-5	MANGANESE, TOTAL	414			P	1	5.0	1.06

Bottle ID: A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** SB-10I-211

Matrix: WATER **SDG Name:** DOV-89

Percent Solids: 0.00 **Lab Sample ID:** SE2609-003

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, TOTAL	15.9			P	1	8.0	1.43
7439-89-6	IRON, TOTAL	31100			P	1	100	5.42
7439-96-5	MANGANESE, TOTAL	796			P	1	5.0	1.06

Bottle ID: D

Comments:

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INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** SB-B1-211

Matrix: WATER **SDG Name:** DOV-89

Percent Solids: 0.00 **Lab Sample ID:** SE2611-009

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, TOTAL	3.5	J		P	1	8.0	1.43
7439-89-6	IRON, TOTAL	60200			P	1	100	5.42
7439-96-5	MANGANESE, TOTAL	909			P	1	5.0	1.06

Bottle ID: A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services | **Client Field ID:** SB-D1-211

Matrix: WATER | **SDG Name:** DOV-88

Percent Solids: 0.00 | **Lab Sample ID:** SE2518-009

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, TOTAL	1.43	U		P	1	8.0	1.43
7439-89-6	IRON, TOTAL	5470			P	1	100	5.42
7439-96-5	MANGANESE, TOTAL	70.4			P	1	5.0	1.06

Bottle ID: D

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** SB-D2-211

Matrix: WATER **SDG Name:** DOV-88

Percent Solids: 0.00 **Lab Sample ID:** SE2518-007

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, TOTAL	28.3			P	1	8.0	1.43
7439-89-6	IRON, TOTAL	5390			P	1	100	5.42
7439-96-5	MANGANESE, TOTAL	495			P	1	5.0	1.06

Bottle ID: D

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** SB-GW-3U-211

Matrix: WATER **SDG Name:** DOV-88

Percent Solids: 0.00 **Lab Sample ID:** SE2518-005

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, TOTAL	1.43	U		P	1	8.0	1.43
7439-89-6	IRON, TOTAL	1760			P	1	100	5.42
7439-96-5	MANGANESE, TOTAL	4.3	J		P	1	5.0	1.06

Bottle ID: D

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** SB-GW-3L-211

Matrix: WATER **SDG Name:** DOV-89

Percent Solids: 0.00 **Lab Sample ID:** SE2609-007

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, TOTAL	48.6			P	1	8.0	1.43
7439-89-6	IRON, TOTAL	682			P	1	100	5.42
7439-96-5	MANGANESE, TOTAL	503			P	1	5.0	1.06

Bottle ID: D

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** SB-GW-3I-211

Matrix: WATER **SDG Name:** DOV-88

Percent Solids: 0.00 **Lab Sample ID:** SE2518-001

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, TOTAL	30.6			P	1	8.0	1.43
7439-89-6	IRON, TOTAL	816			P	1	100	5.42
7439-96-5	MANGANESE, TOTAL	48.0			P	1	5.0	1.06

Bottle ID: D

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** SC-1US-211

Matrix: WATER **SDG Name:** DOV-90

Percent Solids: 0.00 **Lab Sample ID:** SE2681-019

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7440-38-2	ARSENIC, TOTAL	58.5			P	1	8.0	1.43
7439-89-6	IRON, TOTAL	158000			P	1	100	5.42
7439-96-5	MANGANESE, TOTAL	2210			P	1	5.0	1.06

Bottle ID: D

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** SC-7US-211

Matrix: WATER **SDG Name:** DOV-89

Percent Solids: 0.00 **Lab Sample ID:** SE2611-001

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, TOTAL	154			P	1	8.0	1.43
7439-89-6	IRON, TOTAL	71400			P	1	100	5.42
7439-96-5	MANGANESE, TOTAL	635			P	1	5.0	1.06

Bottle ID: D

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** SC-8US-211

Matrix: WATER **SDG Name:** DOV-89

Percent Solids: 0.00 **Lab Sample ID:** SE2611-014

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, TOTAL	55.4			P	1	8.0	1.43
7439-89-6	IRON, TOTAL	15300			P	1	100	5.42
7439-96-5	MANGANESE, TOTAL	24300			P	5	25	5.30

Bottle ID: D

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** SC-10US-211

Matrix: WATER **SDG Name:** DOV-89

Percent Solids: 0.00 **Lab Sample ID:** SE2609-005

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, TOTAL	134			P	1	8.0	1.43
7439-89-6	IRON, TOTAL	79700			P	1	100	5.42
7439-96-5	MANGANESE, TOTAL	817			P	1	5.0	1.06

Bottle ID: D

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** SC-22S-211

Matrix: WATER **SDG Name:** DOV-88

Percent Solids: 0.00 **Lab Sample ID:** SE2518-015

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, TOTAL	1.43	U		P	1	8.0	1.43
7439-89-6	IRON, TOTAL	27.3	J		P	1	100	5.42
7439-96-5	MANGANESE, TOTAL	3.2	J		P	1	5.0	1.06

Bottle ID: D

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** SC-22I-211

Matrix: WATER **SDG Name:** DOV-88

Percent Solids: 0.00 **Lab Sample ID:** SE2518-011

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, TOTAL	117			P	1	8.0	1.43
7439-89-6	IRON, TOTAL	49300			P	1	100	5.42
7439-96-5	MANGANESE, TOTAL	2180			P	1	5.0	1.06

Bottle ID: D

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** SC-22D-211

Matrix: WATER **SDG Name:** DOV-88

Percent Solids: 0.00 **Lab Sample ID:** SE2518-013

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, TOTAL	72.1			P	1	8.0	1.43
7439-89-6	IRON, TOTAL	12.2	J		P	1	100	5.42
7439-96-5	MANGANESE, TOTAL	13.0			P	1	5.0	1.06

Bottle ID: D

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** SC-23S-211

Matrix: WATER **SDG Name:** DOV-90

Percent Solids: 0.00 **Lab Sample ID:** SE2680-001

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7440-38-2	ARSENIC, TOTAL	2.9	J		P	1	8.0	1.43
7439-89-6	IRON, TOTAL	876			P	1	100	5.42
7439-96-5	MANGANESE, TOTAL	25.7			P	1	5.0	1.06

Bottle ID: D

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** SC-23D-211

Matrix: WATER **SDG Name:** DOV-90

Percent Solids: 0.00 **Lab Sample ID:** SE2680-003

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7440-38-2	ARSENIC, TOTAL	38.3			P	1	8.0	1.43
7439-89-6	IRON, TOTAL	42700			P	1	100	5.42
7439-96-5	MANGANESE, TOTAL	105			P	1	5.0	1.06

Bottle ID: D

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** SC-24S-211

Matrix: WATER **SDG Name:** DOV-90

Percent Solids: 0.00 **Lab Sample ID:** SE2681-001

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7440-38-2	ARSENIC, TOTAL	1.43	U		P	1	8.0	1.43
7439-89-6	IRON, TOTAL	11100			P	1	100	5.42
7439-96-5	MANGANESE, TOTAL	190			P	1	5.0	1.06

Bottle ID: D

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** SC-24I-211

Matrix: WATER **SDG Name:** DOV-90

Percent Solids: 0.00 **Lab Sample ID:** SE2681-005

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7440-38-2	ARSENIC, TOTAL	45.7			P	1	8.0	1.43
7439-89-6	IRON, TOTAL	5600			P	1	100	5.42
7439-96-5	MANGANESE, TOTAL	651			P	1	5.0	1.06

Bottle ID: D

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** SC-24D-211

Matrix: WATER **SDG Name:** DOV-90

Percent Solids: 0.00 **Lab Sample ID:** SE2681-003

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7440-38-2	ARSENIC, TOTAL	65.0			P	1	8.0	1.43
7439-89-6	IRON, TOTAL	123			P	1	100	5.42
7439-96-5	MANGANESE, TOTAL	33.2			P	1	5.0	1.06

Bottle ID: D

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** SC-25-211

Matrix: WATER **SDG Name:** DOV-89

Percent Solids: 0.00 **Lab Sample ID:** SE2609-001

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, TOTAL	1.43	U		P	1	8.0	1.43
7439-89-6	IRON, TOTAL	32.0	J		P	1	100	5.42
7439-96-5	MANGANESE, TOTAL	188			P	1	5.0	1.06

Bottle ID: D

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** SC-26-211

Matrix: WATER **SDG Name:** DOV-88

Percent Solids: 0.00 **Lab Sample ID:** SE2518-027

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, TOTAL	2.7	J		P	1	8.0	1.43
7439-89-6	IRON, TOTAL	526			P	1	100	5.42
7439-96-5	MANGANESE, TOTAL	102			P	1	5.0	1.06

Bottle ID: D

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** SC-27-211

Matrix: WATER **SDG Name:** DOV-88

Percent Solids: 0.00 **Lab Sample ID:** SE2518-021

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, TOTAL	1.43	U		P	1	8.0	1.43
7439-89-6	IRON, TOTAL	309			P	1	100	5.42
7439-96-5	MANGANESE, TOTAL	601			P	1	5.0	1.06

Bottle ID: D

Comments:

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INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** RB-01-211

Matrix: WATER **SDG Name:** DOV-89

Percent Solids: 0.00 **Lab Sample ID:** SE2611-011

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, TOTAL	1.43	U		P	1	8.0	1.43
7439-89-6	IRON, TOTAL	16.1	J		P	1	100	5.42
7439-96-5	MANGANESE, TOTAL	1.06	U		P	1	5.0	1.06

Bottle ID: D

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** RB-02-211

Matrix: WATER **SDG Name:** DOV-90

Percent Solids: 0.00 **Lab Sample ID:** SE2681-021

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7440-38-2	ARSENIC, TOTAL	1.43	U		P	1	8.0	1.43
7439-89-6	IRON, TOTAL	31.1	J		P	1	100	5.42
7439-96-5	MANGANESE, TOTAL	1.06	U		P	1	5.0	1.06

Bottle ID: D

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** DUP-01-211

Matrix: WATER **SDG Name:** DOV-90

Percent Solids: 0.00 **Lab Sample ID:** SE2681-013

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7440-38-2	ARSENIC, TOTAL	92.2			P	1	8.0	1.43
7439-89-6	IRON, TOTAL	83100			P	1	100	5.42
7439-96-5	MANGANESE, TOTAL	315			P	1	5.0	1.06

Bottle ID: D

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** DUP-02-211

Matrix: WATER **SDG Name:** DOV-90

Percent Solids: 0.00 **Lab Sample ID:** SE2681-017

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7440-38-2	ARSENIC, TOTAL	2.7	J		P	1	8.0	1.43
7439-89-6	IRON, TOTAL	8960			P	1	100	5.42
7439-96-5	MANGANESE, TOTAL	137			P	1	5.0	1.06

Bottle ID: D

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** SW-A-211

Matrix: WATER **SDG Name:** DOV-88

Percent Solids: 0.00 **Lab Sample ID:** SE2515-009

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, TOTAL	1.43	U		P	1	8.0	1.43
7439-89-6	IRON, TOTAL	3360			P	1	100	5.42
7439-96-5	MANGANESE, TOTAL	188			P	1	5.0	1.06

Bottle ID: A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** SW-C-211

Matrix: WATER **SDG Name:** DOV-88

Percent Solids: 0.00 **Lab Sample ID:** SE2518-031

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, TOTAL	5.6	J		P	1	8.0	1.43
7439-89-6	IRON, TOTAL	15900			P	1	100	5.42
7439-96-5	MANGANESE, TOTAL	308			P	1	5.0	1.06

Bottle ID: D

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** SW-D1-211

Matrix: WATER **SDG Name:** DOV-88

Percent Solids: 0.00 **Lab Sample ID:** SE2518-029

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, TOTAL	4.4	J		P	1	8.0	1.43
7439-89-6	IRON, TOTAL	8030			P	1	100	5.42
7439-96-5	MANGANESE, TOTAL	284			P	1	5.0	1.06

Bottle ID: D

Comments:

APPENDIX A-3

INORGANIC COMPOUNDS DISSOLVED IRON, ARSENIC, AND MANGANESE

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** B-2U-211

Matrix: WATER **SDG Name:** DOV-88

Percent Solids: 0.00 **Lab Sample ID:** SE2515-008

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, DISSOLVED	25.7			P	1	8.0	1.43
7439-89-6	IRON, DISSOLVED	3920			P	1	100	5.42
7439-96-5	MANGANESE, DISSOLVED	79.9			P	1	5.0	1.06

Bottle ID: A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services
Client Field ID: B-8WT-211
Matrix: WATER
SDG Name: DOV-88
Percent Solids: 0.00
Lab Sample ID: SE2515-004

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, DISSOLVED	8.7			P	1	8.0	1.43
7439-89-6	IRON, DISSOLVED	17200			P	1	100	5.42
7439-96-5	MANGANESE, DISSOLVED	997			P	1	5.0	1.06

Bottle ID: A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** B-9U-211

Matrix: WATER **SDG Name:** DOV-90

Percent Solids: 0.00 **Lab Sample ID:** SE2681-008

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7440-38-2	ARSENIC, DISSOLVED	1.43	U		P	1	8.0	1.43
7439-89-6	IRON, DISSOLVED	13.3	J		P	1	100	5.42
7439-96-5	MANGANESE, DISSOLVED	7.0			P	1	5.0	1.06

Bottle ID: A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** B-9WT-211

Matrix: WATER **SDG Name:** DOV-90

Percent Solids: 0.00 **Lab Sample ID:** SE2681-010

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7440-38-2	ARSENIC, DISSOLVED	1.43	U		P	1	8.0	1.43
7439-89-6	IRON, DISSOLVED	69.0	J		P	1	100	5.42
7439-96-5	MANGANESE, DISSOLVED	4.3	J		P	1	5.0	1.06

Bottle ID: A

Comments:

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INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** EP-1S-211

Matrix: WATER **SDG Name:** DOV-89

Percent Solids: 0.00 **Lab Sample ID:** SE2611-004

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, DISSOLVED	1.43	U		P	1	8.0	1.43
7439-89-6	IRON, DISSOLVED	116			P	1	100	5.42
7439-96-5	MANGANESE, DISSOLVED	9.1			P	1	5.0	1.06

Bottle ID: A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** EP-1I-211

Matrix: WATER **SDG Name:** DOV-89

Percent Solids: 0.00 **Lab Sample ID:** SE2611-008

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, DISSOLVED	11.7			P	1	8.0	1.43
7439-89-6	IRON, DISSOLVED	37500			P	1	100	5.42
7439-96-5	MANGANESE, DISSOLVED	1640			P	1	5.0	1.06

Bottle ID: A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** EP-1D-211

Matrix: WATER **SDG Name:** DOV-89

Percent Solids: 0.00 **Lab Sample ID:** SE2611-006

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, DISSOLVED	61.0			P	1	8.0	1.43
7439-89-6	IRON, DISSOLVED	56.9	J		P	1	100	5.42
7439-96-5	MANGANESE, DISSOLVED	76.8			P	1	5.0	1.06

Bottle ID: A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** EP-2S-211

Matrix: WATER **SDG Name:** DOV-88

Percent Solids: 0.00 **Lab Sample ID:** SE2518-020

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, DISSOLVED	339			P	1	8.0	1.43
7439-89-6	IRON, DISSOLVED	26400			P	1	100	5.42
7439-96-5	MANGANESE, DISSOLVED	1850			P	1	5.0	1.06

Bottle ID: D

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** EP-2D-211

Matrix: WATER **SDG Name:** DOV-88

Percent Solids: 0.00 **Lab Sample ID:** SE2518-018

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, DISSOLVED	708			P	1	8.0	1.43
7439-89-6	IRON, DISSOLVED	48500			P	1	100	5.42
7439-96-5	MANGANESE, DISSOLVED	1780			P	1	5.0	1.06

Bottle ID: D

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** MW-103(U)-211

Matrix: WATER **SDG Name:** DOV-88

Percent Solids: 0.00 **Lab Sample ID:** SE2518-026

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, DISSOLVED	86.3			P	1	8.0	1.43
7439-89-6	IRON, DISSOLVED	45500			P	1	100	5.42
7439-96-5	MANGANESE, DISSOLVED	3060			P	1	5.0	1.06

Bottle ID: D

Comments:

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INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** MW-103(S)-211

Matrix: WATER **SDG Name:** DOV-88

Percent Solids: 0.00 **Lab Sample ID:** SE2518-024

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, DISSOLVED	148			P	1	8.0	1.43
7439-89-6	IRON, DISSOLVED	134000			P	1	100	5.42
7439-96-5	MANGANESE, DISSOLVED	389			P	1	5.0	1.06

Bottle ID: D

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** MW-104S-211

Matrix: WATER **SDG Name:** DOV-90

Percent Solids: 0.00 **Lab Sample ID:** SE2681-012

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7440-38-2	ARSENIC, DISSOLVED	90.9			P	1	8.0	1.43
7439-89-6	IRON, DISSOLVED	82800			P	1	100	5.42
7439-96-5	MANGANESE, DISSOLVED	314			P	1	5.0	1.06

Bottle ID: A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services
Client Field ID: MW-104U-211
Matrix: WATER
SDG Name: DOV-90
Percent Solids: 0.00
Lab Sample ID: SE2681-016

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7440-38-2	ARSENIC, DISSOLVED	249			P	1	8.0	1.43
7439-89-6	IRON, DISSOLVED	34200			P	1	100	5.42
7439-96-5	MANGANESE, DISSOLVED	300			P	1	5.0	1.06

Bottle ID: A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** OW-4A-211

Matrix: WATER **SDG Name:** DOV-89

Percent Solids: 0.00 **Lab Sample ID:** SE2609-010

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, DISSOLVED	4.6	J		P	1	8.0	1.43
7439-89-6	IRON, DISSOLVED	19600			P	1	100	5.42
7439-96-5	MANGANESE, DISSOLVED	666			P	1	5.0	1.06

Bottle ID: D

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** SB-5D-211

Matrix: WATER **SDG Name:** DOV-88

Percent Solids: 0.00 **Lab Sample ID:** SE2515-006

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, DISSOLVED	42.6			P	1	8.0	1.43
7439-89-6	IRON, DISSOLVED	104000			P	1	100	5.42
7439-96-5	MANGANESE, DISSOLVED	1300			P	1	5.0	1.06

Bottle ID: A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** SB-8D-211

Matrix: WATER **SDG Name:** DOV-88

Percent Solids: 0.00 **Lab Sample ID:** SE2515-002

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, DISSOLVED	61.8			P	1	8.0	1.43
7439-89-6	IRON, DISSOLVED	707			P	1	100	5.42
7439-96-5	MANGANESE, DISSOLVED	403			P	1	5.0	1.06

Bottle ID: A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services
Client Field ID: SB-10I-211
Matrix: WATER
SDG Name: DOV-89
Percent Solids: 0.00
Lab Sample ID: SE2609-004

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, DISSOLVED	17.1			P	1	8.0	1.43
7439-89-6	IRON, DISSOLVED	32200			P	1	100	5.42
7439-96-5	MANGANESE, DISSOLVED	828			P	1	5.0	1.06

Bottle ID: D

Comments:

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INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** SB-B1-211

Matrix: WATER **SDG Name:** DOV-89

Percent Solids: 0.00 **Lab Sample ID:** SE2611-010

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, DISSOLVED	2.1	J		P	1	8.0	1.43
7439-89-6	IRON, DISSOLVED	61100			P	1	100	5.42
7439-96-5	MANGANESE, DISSOLVED	925			P	1	5.0	1.06

Bottle ID: A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** SB-D1-211

Matrix: WATER **SDG Name:** DOV-88

Percent Solids: 0.00 **Lab Sample ID:** SE2518-010

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, DISSOLVED	1.43	U		P	1	8.0	1.43
7439-89-6	IRON, DISSOLVED	5200			P	1	100	5.42
7439-96-5	MANGANESE, DISSOLVED	69.4			P	1	5.0	1.06

Bottle ID: D

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services
Client Field ID: SB-D2-211
Matrix: WATER
SDG Name: DOV-88
Percent Solids: 0.00
Lab Sample ID: SE2518-008

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, DISSOLVED	28.2			P	1	8.0	1.43
7439-89-6	IRON, DISSOLVED	5450			P	1	100	5.42
7439-96-5	MANGANESE, DISSOLVED	507			P	1	5.0	1.06

Bottle ID: D

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** SB-GW-3U-211

Matrix: WATER **SDG Name:** DOV-88

Percent Solids: 0.00 **Lab Sample ID:** SE2518-006

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, DISSOLVED	1.43	U		P	1	8.0	1.43
7439-89-6	IRON, DISSOLVED	1700			P	1	100	5.42
7439-96-5	MANGANESE, DISSOLVED	5.2			P	1	5.0	1.06

Bottle ID: D

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** SB-GW-3L-211

Matrix: WATER **SDG Name:** DOV-89

Percent Solids: 0.00 **Lab Sample ID:** SE2609-008

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, DISSOLVED	50.4			P	1	8.0	1.43
7439-89-6	IRON, DISSOLVED	679			P	1	100	5.42
7439-96-5	MANGANESE, DISSOLVED	508			P	1	5.0	1.06

Bottle ID: D

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** SB-GW-3I-211

Matrix: WATER **SDG Name:** DOV-88

Percent Solids: 0.00 **Lab Sample ID:** SE2518-002

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, DISSOLVED	19.0			P	1	8.0	1.43
7439-89-6	IRON, DISSOLVED	230			P	1	100	5.42
7439-96-5	MANGANESE, DISSOLVED	7.7			P	1	5.0	1.06

Bottle ID: D

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** SC-1US-211

Matrix: WATER **SDG Name:** DOV-90

Percent Solids: 0.00 **Lab Sample ID:** SE2681-020

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7440-38-2	ARSENIC, DISSOLVED	56.7			P	1	8.0	1.43
7439-89-6	IRON, DISSOLVED	152000			P	1	100	5.42
7439-96-5	MANGANESE, DISSOLVED	2100			P	1	5.0	1.06

Bottle ID: A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** SC-7US-211

Matrix: WATER **SDG Name:** DOV-89

Percent Solids: 0.00 **Lab Sample ID:** SE2611-002

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, DISSOLVED	134			P	1	8.0	1.43
7439-89-6	IRON, DISSOLVED	66800			P	1	100	5.42
7439-96-5	MANGANESE, DISSOLVED	607			P	1	5.0	1.06

Bottle ID: D

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services
Client Field ID: SC-8US-211
Matrix: WATER
SDG Name: DOV-89
Percent Solids: 0.00
Lab Sample ID: SE2611-015

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, DISSOLVED	62.2			P	1	8.0	1.43
7439-89-6	IRON, DISSOLVED	28600			P	1	100	5.42
7439-96-5	MANGANESE, DISSOLVED	24000			P	5	25	5.30

Bottle ID: D

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** SC-10US-211

Matrix: WATER **SDG Name:** DOV-89

Percent Solids: 0.00 **Lab Sample ID:** SE2609-006

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, DISSOLVED	129			P	1	8.0	1.43
7439-89-6	IRON, DISSOLVED	76800			P	1	100	5.42
7439-96-5	MANGANESE, DISSOLVED	788			P	1	5.0	1.06

Bottle ID: D

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** SC-22S-211

Matrix: WATER **SDG Name:** DOV-88

Percent Solids: 0.00 **Lab Sample ID:** SE2518-016

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, DISSOLVED	1.43	U		P	1	8.0	1.43
7439-89-6	IRON, DISSOLVED	20.1	J		P	1	100	5.42
7439-96-5	MANGANESE, DISSOLVED	3.2	J		P	1	5.0	1.06

Bottle ID: D

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** SC-22I-211

Matrix: WATER **SDG Name:** DOV-88

Percent Solids: 0.00 **Lab Sample ID:** SE2518-012

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, DISSOLVED	123			P	1	8.0	1.43
7439-89-6	IRON, DISSOLVED	51900			P	1	100	5.42
7439-96-5	MANGANESE, DISSOLVED	2280			P	1	5.0	1.06

Bottle ID: D

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** SC-22D-211

Matrix: WATER **SDG Name:** DOV-88

Percent Solids: 0.00 **Lab Sample ID:** SE2518-014

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, DISSOLVED	75.0			P	1	8.0	1.43
7439-89-6	IRON, DISSOLVED	15.4	J		P	1	100	5.42
7439-96-5	MANGANESE, DISSOLVED	3.4	J		P	1	5.0	1.06

Bottle ID: D

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** SC-23S-211

Matrix: WATER **SDG Name:** DOV-90

Percent Solids: 0.00 **Lab Sample ID:** SE2680-002

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7440-38-2	ARSENIC, DISSOLVED	2.2	J		P	1	8.0	1.43
7439-89-6	IRON, DISSOLVED	783			P	1	100	5.42
7439-96-5	MANGANESE, DISSOLVED	24.9			P	1	5.0	1.06

Bottle ID: D

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** SC-23D-211

Matrix: WATER **SDG Name:** DOV-90

Percent Solids: 0.00 **Lab Sample ID:** SE2680-004

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7440-38-2	ARSENIC, DISSOLVED	34.6			P	1	8.0	1.43
7439-89-6	IRON, DISSOLVED	40900			P	1	100	5.42
7439-96-5	MANGANESE, DISSOLVED	100			P	1	5.0	1.06

Bottle ID: D

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** SC-24S-211

Matrix: WATER **SDG Name:** DOV-90

Percent Solids: 0.00 **Lab Sample ID:** SE2681-002

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7440-38-2	ARSENIC, DISSOLVED	2.1	J		P	1	8.0	1.43
7439-89-6	IRON, DISSOLVED	11100			P	1	100	5.42
7439-96-5	MANGANESE, DISSOLVED	193			P	1	5.0	1.06

Bottle ID: A

Comments:

FORM I - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** SC-24I-211

Matrix: WATER **SDG Name:** DOV-90

Percent Solids: 0.00 **Lab Sample ID:** SE2681-006

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7440-38-2	ARSENIC, DISSOLVED	35.4			P	1	8.0	1.43
7439-89-6	IRON, DISSOLVED	4660			P	1	100	5.42
7439-96-5	MANGANESE, DISSOLVED	633			P	1	5.0	1.06

Bottle ID: A

Comments:

FORM I - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** SC-24D-211

Matrix: WATER **SDG Name:** DOV-90

Percent Solids: 0.00 **Lab Sample ID:** SE2681-004

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7440-38-2	ARSENIC, DISSOLVED	62.8			P	1	8.0	1.43
7439-89-6	IRON, DISSOLVED	8.9	J		P	1	100	5.42
7439-96-5	MANGANESE, DISSOLVED	28.3			P	1	5.0	1.06

Bottle ID: A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** SC-25-211

Matrix: WATER **SDG Name:** DOV-89

Percent Solids: 0.00 **Lab Sample ID:** SE2609-002

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, DISSOLVED	1.43	U		P	1	8.0	1.43
7439-89-6	IRON, DISSOLVED	21.9	J		P	1	100	5.42
7439-96-5	MANGANESE, DISSOLVED	184			P	1	5.0	1.06

Bottle ID: D

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** SC-26-211

Matrix: WATER **SDG Name:** DOV-88

Percent Solids: 0.00 **Lab Sample ID:** SE2518-028

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, DISSOLVED	1.43	U		P	1	8.0	1.43
7439-89-6	IRON, DISSOLVED	314			P	1	100	5.42
7439-96-5	MANGANESE, DISSOLVED	93.3			P	1	5.0	1.06

Bottle ID: D

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** SC-27-211

Matrix: WATER **SDG Name:** DOV-88

Percent Solids: 0.00 **Lab Sample ID:** SE2518-022

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, DISSOLVED	1.43	U		P	1	8.0	1.43
7439-89-6	IRON, DISSOLVED	103			P	1	100	5.42
7439-96-5	MANGANESE, DISSOLVED	572			P	1	5.0	1.06

Bottle ID: D

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** RB-01-211

Matrix: WATER **SDG Name:** DOV-89

Percent Solids: 0.00 **Lab Sample ID:** SE2611-012

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, DISSOLVED	1.43	U		P	1	8.0	1.43
7439-89-6	IRON, DISSOLVED	10.1	J		P	1	100	5.42
7439-96-5	MANGANESE, DISSOLVED	1.06	U		P	1	5.0	1.06

Bottle ID: D

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** RB-02-211

Matrix: WATER **SDG Name:** DOV-90

Percent Solids: 0.00 **Lab Sample ID:** SE2681-022

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7440-38-2	ARSENIC, DISSOLVED	1.43	U		P	1	8.0	1.43
7439-89-6	IRON, DISSOLVED	9.9	J		P	1	100	5.42
7439-96-5	MANGANESE, DISSOLVED	1.06	U		P	1	5.0	1.06

Bottle ID: A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** DUP-01-211

Matrix: WATER **SDG Name:** DOV-90

Percent Solids: 0.00 **Lab Sample ID:** SE2681-014

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7440-38-2	ARSENIC, DISSOLVED	92.0			P	1	8.0	1.43
7439-89-6	IRON, DISSOLVED	82000			P	1	100	5.42
7439-96-5	MANGANESE, DISSOLVED	314			P	1	5.0	1.06

Bottle ID: A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** DUP-02-211

Matrix: WATER **SDG Name:** DOV-90

Percent Solids: 0.00 **Lab Sample ID:** SE2681-018

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7440-38-2	ARSENIC, DISSOLVED	477			P	1	8.0	1.43
7439-89-6	IRON, DISSOLVED	55800			P	1	100	5.42
7439-96-5	MANGANESE, DISSOLVED	445			P	1	5.0	1.06

Bottle ID: A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** SW-A-211

Matrix: WATER **SDG Name:** DOV-88

Percent Solids: 0.00 **Lab Sample ID:** SE2515-010

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, DISSOLVED	1.43	U		P	1	8.0	1.43
7439-89-6	IRON, DISSOLVED	4810			P	1	100	5.42
7439-96-5	MANGANESE, DISSOLVED	212			P	1	5.0	1.06

Bottle ID: A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** SW-C-211

Matrix: WATER **SDG Name:** DOV-88

Percent Solids: 0.00 **Lab Sample ID:** SE2518-032

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, DISSOLVED	5.0	J		P	1	8.0	1.43
7439-89-6	IRON, DISSOLVED	14800			P	1	100	5.42
7439-96-5	MANGANESE, DISSOLVED	308			P	1	5.0	1.06

Bottle ID: D

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services
Client Field ID: SW-D1-211
Matrix: WATER
SDG Name: DOV-88
Percent Solids: 0.00
Lab Sample ID: SE2518-030

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted CRDL	Adjusted MDL
7440-38-2	ARSENIC, DISSOLVED	3.5	J		P	1	8.0	1.43
7439-89-6	IRON, DISSOLVED	7080			P	1	100	5.42
7439-96-5	MANGANESE, DISSOLVED	278			P	1	5.0	1.06

Bottle ID: D

Comments:

FORM I - IN

APPENDIX A-4
LOW LEVEL 1,4-DIOXANE

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/05/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 10-MAY-2011 00:08
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2518-18
Client ID: EP-2D-211
SDG: DOV-88
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 M8260B SIM
Lab Prep Batch: WG91367
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
123-91-1	1,4-Dioxane	U	2.0	1.0	2.0	2.0	0.70
	Fluorobenzene		61%				
17647-74-4	1,4-Dioxane-D8		61%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/05/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 10-MAY-2011 00:41
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2518-20
Client ID: EP-2S-211
SDG: DOV-88
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 M8260B SIM
Lab Prep Batch: WG91367
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
123-91-1	1,4-Dioxane		2.3	1.0	2.0	2.0	0.70
	Fluorobenzene		69%				
17647-74-4	1,4-Dioxane-D8		70%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/05/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 14-MAY-2011 14:55
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2518-24
Client ID: MW-103(S)-211
SDG: DOV-88
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 M8260B SIM
Lab Prep Batch: WG91547
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
123-91-1	1,4-Dioxane	U	2.0	1.0	2.0	2.0	0.70
	Fluorobenzene		* 52%				
17647-74-4	1,4-Dioxane-D8		* 38%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/05/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 17-MAY-2011 22:27
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2518-24RA
Client ID: MW-103(S)-211
SDG: DOV-88
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 M8260B SIM
Lab Prep Batch: WG91681
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
123-91-1	1,4-Dioxane	U	2.0	1.0	2.0	2.0	0.70
	Fluorobenzene		61%				
17647-74-4	1,4-Dioxane-D8		* 43%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/05/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 14-MAY-2011 15:27
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2518-26
Client ID: MW-103(U)-211
SDG: DOV-88
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 M8260B SIM
Lab Prep Batch: WG91547
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
123-91-1	1,4-Dioxane		8.1	1.0	2.0	2.0	0.70
	Fluorobenzene		74%				
17647-74-4	1,4-Dioxane-D8		* 45%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/05/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 19-MAY-2011 17:32
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2518-26DL
Client ID: MW-103(U)-211
SDG: DOV-88
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 M8260B SIM
Lab Prep Batch: WG91784
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
123-91-1	1,4-Dioxane		11	2.0	2.0	4.0	1.4
	Fluorobenzene		74%				
17647-74-4	1,4-Dioxane-D8		70%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/11/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 19-MAY-2011 15:22
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2609-10RA
Client ID: OW-4A-211
SDG: DOV-89
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 M8260B SIM
Lab Prep Batch: WG91784
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
123-91-1	1,4-Dioxane		3.2	1.0	2.0	2.0	0.70
	Fluorobenzene		94%				
17647-74-4	1,4-Dioxane-D8		107%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/10/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 17-MAY-2011 13:49
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2609-4
Client ID: SB-10I-211
SDG: DOV-89
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 M8260B SIM
Lab Prep Batch: WG91681
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
123-91-1	1,4-Dioxane	B	55	1.0	2.0	2.0	0.70
	Fluorobenzene		70%				
17647-74-4	1,4-Dioxane-D8		65%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/04/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 18-MAY-2011 12:58
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2518-10RA2
Client ID: SB-D1-211
SDG: DOV-88
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 M8260B SIM
Lab Prep Batch: WG91729
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
123-91-1	1,4-Dioxane	U	2.0	1.0	2.0	2.0	0.70
	Fluorobenzene		102%				
17647-74-4	1,4-Dioxane-D8		91%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/04/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 09-MAY-2011 21:27
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2518-8
Client ID: SB-D2-211
SDG: DOV-88
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 M8260B SIM
Lab Prep Batch: WG91367
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
123-91-1	1,4-Dioxane		4.1	1.0	2.0	2.0	0.70
	Fluorobenzene		80%				
17647-74-4	1,4-Dioxane-D8		87%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/04/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 09-MAY-2011 20:55
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2518-6
Client ID: SB-GW-3U-211
SDG: DOV-88
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 M8260B SIM
Lab Prep Batch: WG91367
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
123-91-1	1,4-Dioxane	U	2.0	1.0	2.0	2.0	0.70
	Fluorobenzene		86%				
17647-74-4	1,4-Dioxane-D8		88%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/11/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 18-MAY-2011 11:21
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2609-8RA2
Client ID: SB-GW-3L-211
SDG: DOV-89
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 M8260B SIM
Lab Prep Batch: WG91729
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
123-91-1	1,4-Dioxane	U	2.0	1.0	2.0	2.0	0.70
	Fluorobenzene		103%				
17647-74-4	1,4-Dioxane-D8		79%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/04/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 09-MAY-2011 20:23
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2518-2
Client ID: SB-GW-3I-211
SDG: DOV-88
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 M8260B SIM
Lab Prep Batch: WG91367
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
123-91-1	1,4-Dioxane	U	2.0	1.0	2.0	2.0	0.70
	Fluorobenzene		84%				
17647-74-4	1,4-Dioxane-D8		88%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/11/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 18-MAY-2011 14:03
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2609-6DL
Client ID: SC-10US-211
SDG: DOV-89
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 M8260B SIM
Lab Prep Batch: WG91729
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
123-91-1	1,4-Dioxane		50	5.0	2.0	10	3.5
	Fluorobenzene		70%				
17647-74-4	1,4-Dioxane-D8		63%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/11/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 16-MAY-2011 13:51
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2609-6
Client ID: SC-10US-211
SDG: DOV-89
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 M8260B SIM
Lab Prep Batch: WG91680
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
123-91-1	1,4-Dioxane		39	1.0	2.0	2.0	0.70
	Fluorobenzene		* 55%				
17647-74-4	1,4-Dioxane-D8		* 36%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/05/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 09-MAY-2011 23:36
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2518-16
Client ID: SC-22S-211
SDG: DOV-88
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 M8260B SIM
Lab Prep Batch: WG91367
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
123-91-1	1,4-Dioxane	U	2.0	1.0	2.0	2.0	0.70
	Fluorobenzene		91%				
17647-74-4	1,4-Dioxane-D8		91%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/05/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 17-MAY-2011 17:35
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2518-12RA
Client ID: SC-22I-211
SDG: DOV-88
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 M8260B SIM
Lab Prep Batch: WG91681
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
123-91-1	1,4-Dioxane	JB	1.6	1.0	2.0	2.0	0.70
	Fluorobenzene		76%				
17647-74-4	1,4-Dioxane-D8		60%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/05/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 09-MAY-2011 23:04
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2518-14
Client ID: SC-22D-211
SDG: DOV-88
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 M8260B SIM
Lab Prep Batch: WG91367
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
123-91-1	1,4-Dioxane		3.1	1.0	2.0	2.0	0.70
	Fluorobenzene		88%				
17647-74-4	1,4-Dioxane-D8		87%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/12/11
Received Date: 05/13/11
Extraction Date:
Analysis Date: 17-MAY-2011 18:08
Report Date: 06/13/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2680-2
Client ID: SC-23S-211
SDG: DOV-90
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 M8260B SIM
Lab Prep Batch: WG91681
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
123-91-1	1,4-Dioxane	U	2.0	1.0	2.0	2.0	0.70
	Fluorobenzene		105%				
17647-74-4	1,4-Dioxane-D8		89%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/12/11
Received Date: 05/13/11
Extraction Date:
Analysis Date: 17-MAY-2011 18:40
Report Date: 06/13/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2680-4
Client ID: SC-23D-211
SDG: DOV-90
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 M8260B SIM
Lab Prep Batch: WG91681
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
123-91-1	1,4-Dioxane	EB	150	1.0	2.0	2.0	0.70
	Fluorobenzene		66%				
17647-74-4	1,4-Dioxane-D8		* 54%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/12/11
Received Date: 05/13/11
Extraction Date:
Analysis Date: 18-MAY-2011 15:40
Report Date: 06/13/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2680-4DL
Client ID: SC-23D-211
SDG: DOV-90
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 M8260B SIM
Lab Prep Batch: WG91729
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
123-91-1	1,4-Dioxane		180	5.0	2.0	10	3.5
	Fluorobenzene		74%				
17647-74-4	1,4-Dioxane-D8		65%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/09/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 16-MAY-2011 13:18
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2609-2
Client ID: SC-25-211
SDG: DOV-89
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 M8260B SIM
Lab Prep Batch: WG91680
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
123-91-1	1,4-Dioxane	U	2.0	1.0	2.0	2.0	0.70
	Fluorobenzene		118%				
17647-74-4	1,4-Dioxane-D8		95%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/05/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 18-MAY-2011 12:26
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2518-28RA
Client ID: SC-26-211
SDG: DOV-88
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 M8260B SIM
Lab Prep Batch: WG91729
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
123-91-1	1,4-Dioxane	U	2.0	1.0	2.0	2.0	0.70
	Fluorobenzene		100%				
17647-74-4	1,4-Dioxane-D8		85%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/05/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 14-MAY-2011 14:22
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2518-22
Client ID: SC-27-211
SDG: DOV-88
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 M8260B SIM
Lab Prep Batch: WG91547
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
123-91-1	1,4-Dioxane	U	2.0	1.0	2.0	2.0	0.70
	Fluorobenzene		108%				
17647-74-4	1,4-Dioxane-D8		91%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/06/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 14-MAY-2011 17:04
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2518-32
Client ID: SW-C-211
SDG: DOV-88
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 M8260B SIM
Lab Prep Batch: WG91547
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
123-91-1	1,4-Dioxane	J	1.3	1.0	2.0	2.0	0.70
	Fluorobenzene		78%				
17647-74-4	1,4-Dioxane-D8		68%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/06/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 14-MAY-2011 16:32
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2518-30
Client ID: SW-D1-211
SDG: DOV-88
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 M8260B SIM
Lab Prep Batch: WG91547
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
123-91-1	1,4-Dioxane	U	2.0	1.0	2.0	2.0	0.70
	Fluorobenzene		88%				
17647-74-4	1,4-Dioxane-D8		61%				

APPENDIX B

ANALYTICAL RESULTS
NON-EMP WELLS AND SURFACE WATER

APPENDIX B-1
VOLATILE ORGANIC COMPOUNDS

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Dover Landfill May 2011
PO No:
Sample Date: 05/13/11
Received Date: 05/17/11
Extraction Date:
Analysis Date: 23-MAY-2011 13:43
Report Date: 06/13/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2717-1
Client ID: B-7L-211
SDG: SE2717
Extracted by:
Extraction Method: SW846 5030
Analyst: DJP
Analysis Method: SW846 8260B
Lab Prep Batch: WG91901
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
Dichlorodifluoromethane	U	2	1.0	2	2
Chloromethane	U	1	1.0	1	1
Vinyl chloride	U	1	1.0	1	1
Bromomethane	U	1	1.0	1	1
Chloroethane	U	1	1.0	1	1
Trichlorofluoromethane	U	2	1.0	2	2
1,1-Dichloroethene	U	1	1.0	1	1
Methylene Chloride	U	5	1.0	5	5
trans-1,2-Dichloroethene	U	1	1.0	1	1
1,1-Dichloroethane	U	1	1.0	1	1
cis-1,2-Dichloroethene	U	1	1.0	1	1
1,2-Dichloroethylene (total)	U	1	1.0	1	1
2,2-Dichloropropane	U	1	1.0	1	1
Chloroform	U	1	1.0	1	1
Bromochloromethane	U	1	1.0	1	1
1,1,1-Trichloroethane	U	1	1.0	1	1
1,2-Dichloroethane	U	1	1.0	1	1
1,1-Dichloropropene	U	1	1.0	1	1
Carbon Tetrachloride	U	1	1.0	1	1
Benzene	U	1	1.0	1	1
1,2-Dichloropropane	U	1	1.0	1	1
Trichloroethene	U	1	1.0	1	1
Dibromomethane	U	1	1.0	1	1
Bromodichloromethane	U	1	1.0	1	1
cis-1,3-dichloropropene	U	1	1.0	1	1
Toluene	U	1	1.0	1	1
trans-1,3-Dichloropropene	U	1	1.0	1	1
1,1,2-Trichloroethane	U	1	1.0	1	1
1,3-Dichloropropane	U	1	1.0	1	1
Dibromochloromethane	U	1	1.0	1	1
Tetrachloroethene	U	1	1.0	1	1
1,2-Dibromoethane	U	1	1.0	1	1
Chlorobenzene	U	1	1.0	1	1
1,1,1,2-Tetrachloroethane	U	1	1.0	1	1
Ethylbenzene	U	1	1.0	1	1
Bromoform	U	1	1.0	1	1
Styrene	U	1	1.0	1	1
1,1,2,2-Tetrachloroethane	U	1	1.0	1	1
1,2,3-Trichloropropane	U	1	1.0	1	1
Isopropylbenzene	U	1	1.0	1	1
Bromobenzene	U	1	1.0	1	1
2-Chlorotoluene	U	1	1.0	1	1
N-Propylbenzene	U	1	1.0	1	1

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Dover Landfill May 2011
PO No:
Sample Date: 05/13/11
Received Date: 05/17/11
Extraction Date:
Analysis Date: 23-MAY-2011 13:43
Report Date: 06/13/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2717-1
Client ID: B-7L-211
SDG: SE2717
Extracted by:
Extraction Method: SW846 5030
Analyst: DJP
Analysis Method: SW846 8260B
Lab Prep Batch: WG91901
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
4-Chlorotoluene	U	1	1.0	1	1
1,3,5-Trimethylbenzene	U	1	1.0	1	1
tert-Butylbenzene	U	1	1.0	1	1
1,2,4-Trichlorobenzene	U	1	1.0	1	1
sec-Butylbenzene	U	1	1.0	1	1
1,3-Dichlorobenzene	U	1	1.0	1	1
P-Isopropyltoluene	U	1	1.0	1	1
1,4-Dichlorobenzene	U	1	1.0	1	1
1,2-Dichlorobenzene	U	1	1.0	1	1
N-Butylbenzene	U	1	1.0	1	1
1,2-Dibromo-3-Chloropropane	U	1	1.0	1	1
1,2,4-Trimethylbenzene	U	1	1.0	1	1
Naphthalene	U	1	1.0	1	1
Hexachlorobutadiene	U	1	1.0	1	1
1,2,3-Trichlorobenzene	U	1	1.0	1	1
Methyl tert-butyl ether	U	1	1.0	1	1
Acetone	U	5	1.0	5	5
2-Butanone	U	5	1.0	5	5
4-methyl-2-pentanone	U	5	1.0	5	5
2-Hexanone	U	5	1.0	5	5
m+p-Xylenes	U	2	1.0	2	2
o-Xylene	U	1	1.0	1	1
Xylenes (total)	U	3	1.0	3	3
1,3,5-Trichlorobenzene	U	1	1.0	1	1
Vinyl Acetate	U	1	1.0	1	1
Carbon Disulfide	U	1	1.0	1	1
Diethyl Ether	U	1	1.0	1	1
Tetrahydrofuran	U	5	1.0	5	5
Tertiary-amyl methyl ether	U	1	1.0	1	1
Ethyl tertiary-butyl ether	U	1	1.0	1	1
Di-isopropyl ether	U	1	1.0	1	1
Tertiary-butyl alcohol	U	5	1.0	5	5
P-Bromofluorobenzene		113%			
Toluene-D8		112%			
1,2-Dichloroethane-D4		116%			
Dibromofluoromethane		109%			

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/06/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 18-MAY-2011 22:56
Report Date: 06/06/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2517-7RA
Client ID: B-11U-211
SDG: SE2517
Extracted by:
Extraction Method: SW846 5030
Analyst: DJP
Analysis Method: SW846 8260B
Lab Prep Batch: WG91716
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
Dichlorodifluoromethane	U	2	1.0	2	2
Chloromethane	U	1	1.0	1	1
Vinyl chloride	U	1	1.0	1	1
Bromomethane	U	1	1.0	1	1
Chloroethane	U	1	1.0	1	1
Trichlorofluoromethane	U	2	1.0	2	2
1,1-Dichloroethene	U	1	1.0	1	1
Methylene Chloride	U	5	1.0	5	5
trans-1,2-Dichloroethene	U	1	1.0	1	1
1,1-Dichloroethane	U	1	1.0	1	1
cis-1,2-Dichloroethene	U	1	1.0	1	1
1,2-Dichloroethylene (total)	U	1	1.0	1	1
2,2-Dichloropropane	U	1	1.0	1	1
Chloroform	U	1	1.0	1	1
Bromochloromethane	U	1	1.0	1	1
1,1,1-Trichloroethane	U	1	1.0	1	1
1,2-Dichloroethane	U	1	1.0	1	1
1,1-Dichloropropene	U	1	1.0	1	1
Carbon Tetrachloride	U	1	1.0	1	1
Benzene	U	1	1.0	1	1
1,2-Dichloropropane	U	1	1.0	1	1
Trichloroethene	U	1	1.0	1	1
Dibromomethane	U	1	1.0	1	1
Bromodichloromethane	U	1	1.0	1	1
cis-1,3-dichloropropene	U	1	1.0	1	1
Toluene	U	1	1.0	1	1
trans-1,3-Dichloropropene	U	1	1.0	1	1
1,1,2-Trichloroethane	U	1	1.0	1	1
1,3-Dichloropropane	U	1	1.0	1	1
Dibromochloromethane	U	1	1.0	1	1
Tetrachloroethene	U	1	1.0	1	1
1,2-Dibromoethane	U	1	1.0	1	1
Chlorobenzene	U	1	1.0	1	1
1,1,1,2-Tetrachloroethane	U	1	1.0	1	1
Ethylbenzene	U	1	1.0	1	1
Bromoform	U	1	1.0	1	1
Styrene	U	1	1.0	1	1
1,1,2,2-Tetrachloroethane	U	1	1.0	1	1
1,2,3-Trichloropropane	U	1	1.0	1	1
Isopropylbenzene	U	1	1.0	1	1
Bromobenzene	U	1	1.0	1	1
2-Chlorotoluene	U	1	1.0	1	1
N-Propylbenzene	U	1	1.0	1	1

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/06/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 18-MAY-2011 22:56
Report Date: 06/06/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2517-7RA
Client ID: B-11U-211
SDG: SE2517
Extracted by:
Extraction Method: SW846 5030
Analyst: DJP
Analysis Method: SW846 8260B
Lab Prep Batch: WG91716
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
4-Chlorotoluene	U	1	1.0	1	1
1,3,5-Trimethylbenzene	U	1	1.0	1	1
tert-Butylbenzene	U	1	1.0	1	1
1,2,4-Trichlorobenzene	U	1	1.0	1	1
sec-Butylbenzene	U	1	1.0	1	1
1,3-Dichlorobenzene	U	1	1.0	1	1
P-Isopropyltoluene	U	1	1.0	1	1
1,4-Dichlorobenzene	U	1	1.0	1	1
1,2-Dichlorobenzene	U	1	1.0	1	1
N-Butylbenzene	U	1	1.0	1	1
1,2-Dibromo-3-Chloropropane	U	1	1.0	1	1
1,2,4-Trimethylbenzene	U	1	1.0	1	1
Naphthalene	U	1	1.0	1	1
Hexachlorobutadiene	U	1	1.0	1	1
1,2,3-Trichlorobenzene	U	1	1.0	1	1
Methyl tert-butyl ether	U	1	1.0	1	1
Acetone	U	5	1.0	5	5
2-Butanone	U	5	1.0	5	5
4-methyl-2-pentanone	U	5	1.0	5	5
2-Hexanone	U	5	1.0	5	5
m+p-Xylenes	U	2	1.0	2	2
o-Xylene	U	1	1.0	1	1
Xylenes (total)	U	3	1.0	3	3
1,3,5-Trichlorobenzene	U	1	1.0	1	1
Vinyl Acetate	U	1	1.0	1	1
Carbon Disulfide	U	1	1.0	1	1
Diethyl Ether	U	1	1.0	1	1
Tetrahydrofuran	U	5	1.0	5	5
Tertiary-amyl methyl ether	U	1	1.0	1	1
Ethyl tertiary-butyl ether	U	1	1.0	1	1
Di-isopropyl ether	U	1	1.0	1	1
Tertiary-butyl alcohol	U	5	1.0	5	5
P-Bromofluorobenzene		94%			
Toluene-D8		104%			
1,2-Dichloroethane-D4		95%			
Dibromofluoromethane		112%			

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/06/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 18-MAY-2011 15:27
Report Date: 06/06/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2517-9
Client ID: B-11WT-211
SDG: SE2517
Extracted by:
Extraction Method: SW846 5030
Analyst: TTC
Analysis Method: SW846 8260B
Lab Prep Batch: WG91701
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
Dichlorodifluoromethane	U	2	1.0	2	2
Chloromethane	U	1	1.0	1	1
Vinyl chloride	U	1	1.0	1	1
Bromomethane	U	1	1.0	1	1
Chloroethane	U	1	1.0	1	1
Trichlorofluoromethane	U	2	1.0	2	2
1,1-Dichloroethene	U	1	1.0	1	1
Methylene Chloride	U	5	1.0	5	5
trans-1,2-Dichloroethene	U	1	1.0	1	1
1,1-Dichloroethane	U	1	1.0	1	1
cis-1,2-Dichloroethene	U	1	1.0	1	1
1,2-Dichloroethylene (total)	U	1	1.0	1	1
2,2-Dichloropropane	U	1	1.0	1	1
Chloroform	U	1	1.0	1	1
Bromochloromethane	U	1	1.0	1	1
1,1,1-Trichloroethane	U	1	1.0	1	1
1,2-Dichloroethane	U	1	1.0	1	1
1,1-Dichloropropene	U	1	1.0	1	1
Carbon Tetrachloride	U	1	1.0	1	1
Benzene	U	1	1.0	1	1
1,2-Dichloropropane	U	1	1.0	1	1
Trichloroethene	U	1	1.0	1	1
Dibromomethane	U	1	1.0	1	1
Bromodichloromethane	U	1	1.0	1	1
cis-1,3-dichloropropene	U	1	1.0	1	1
Toluene	U	1	1.0	1	1
trans-1,3-Dichloropropene	U	1	1.0	1	1
1,1,2-Trichloroethane	U	1	1.0	1	1
1,3-Dichloropropane	U	1	1.0	1	1
Dibromochloromethane	U	1	1.0	1	1
Tetrachloroethene	U	1	1.0	1	1
1,2-Dibromoethane	U	1	1.0	1	1
Chlorobenzene	U	1	1.0	1	1
1,1,1,2-Tetrachloroethane	U	1	1.0	1	1
Ethylbenzene	U	1	1.0	1	1
Bromoform	U	1	1.0	1	1
Styrene	U	1	1.0	1	1
1,1,2,2-Tetrachloroethane	U	1	1.0	1	1
1,2,3-Trichloropropane	U	1	1.0	1	1
Isopropylbenzene	U	1	1.0	1	1
Bromobenzene	U	1	1.0	1	1
2-Chlorotoluene	U	1	1.0	1	1
N-Propylbenzene	U	1	1.0	1	1

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/06/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 18-MAY-2011 15:27
Report Date: 06/06/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2517-9
Client ID: B-11WT-211
SDG: SE2517
Extracted by:
Extraction Method: SW846 5030
Analyst: TTC
Analysis Method: SW846 8260B
Lab Prep Batch: WG91701
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
4-Chlorotoluene	U	1	1.0	1	1
1,3,5-Trimethylbenzene	U	1	1.0	1	1
tert-Butylbenzene	U	1	1.0	1	1
1,2,4-Trichlorobenzene	U	1	1.0	1	1
sec-Butylbenzene	U	1	1.0	1	1
1,3-Dichlorobenzene	U	1	1.0	1	1
P-Isopropyltoluene	U	1	1.0	1	1
1,4-Dichlorobenzene	U	1	1.0	1	1
1,2-Dichlorobenzene	U	1	1.0	1	1
N-Butylbenzene	U	1	1.0	1	1
1,2-Dibromo-3-Chloropropane	U	1	1.0	1	1
1,2,4-Trimethylbenzene	U	1	1.0	1	1
Naphthalene	U	1	1.0	1	1
Hexachlorobutadiene	U	1	1.0	1	1
1,2,3-Trichlorobenzene	U	1	1.0	1	1
Methyl tert-butyl ether	U	1	1.0	1	1
Acetone	U	5	1.0	5	5
2-Butanone	U	5	1.0	5	5
4-methyl-2-pentanone	U	5	1.0	5	5
2-Hexanone	U	5	1.0	5	5
m+p-Xylenes	U	2	1.0	2	2
o-Xylene	U	1	1.0	1	1
Xylenes (total)	U	3	1.0	3	3
1,3,5-Trichlorobenzene	U	1	1.0	1	1
Vinyl Acetate	U	1	1.0	1	1
Carbon Disulfide	U	1	1.0	1	1
Diethyl Ether	U	1	1.0	1	1
Tetrahydrofuran	U	5	1.0	5	5
Tertiary-amyl methyl ether	U	1	1.0	1	1
Ethyl tertiary-butyl ether	U	1	1.0	1	1
Di-isopropyl ether	U	1	1.0	1	1
Tertiary-butyl alcohol	U	5	1.0	5	5
P-Bromofluorobenzene		72%			
Toluene-D8		79%			
1,2-Dichloroethane-D4		75%			
Dibromofluoromethane		90%			

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/09/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 19-MAY-2011 02:12
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2610-3
Client ID: MW-108UUI-211
SDG: SE2610
Extracted by:
Extraction Method: SW846 5030
Analyst: DJP
Analysis Method: SW846 8260B
Lab Prep Batch: WG91716
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
Dichlorodifluoromethane	U	2	1.0	2	2
Chloromethane	U	1	1.0	1	1
Vinyl chloride	U	1	1.0	1	1
Bromomethane	U	1	1.0	1	1
Chloroethane	U	1	1.0	1	1
Trichlorofluoromethane	U	2	1.0	2	2
1,1-Dichloroethene	U	1	1.0	1	1
Methylene Chloride	U	5	1.0	5	5
trans-1,2-Dichloroethene	U	1	1.0	1	1
1,1-Dichloroethane	U	1	1.0	1	1
cis-1,2-Dichloroethene	U	1	1.0	1	1
1,2-Dichloroethylene (total)	U	1	1.0	1	1
2,2-Dichloropropane	U	1	1.0	1	1
Chloroform	U	1	1.0	1	1
Bromochloromethane	U	1	1.0	1	1
1,1,1-Trichloroethane	U	1	1.0	1	1
1,2-Dichloroethane	U	1	1.0	1	1
1,1-Dichloropropene	U	1	1.0	1	1
Carbon Tetrachloride	U	1	1.0	1	1
Benzene	U	1	1.0	1	1
1,2-Dichloropropane	U	1	1.0	1	1
Trichloroethene	U	1	1.0	1	1
Dibromomethane	U	1	1.0	1	1
Bromodichloromethane	U	1	1.0	1	1
cis-1,3-dichloropropene	U	1	1.0	1	1
Toluene	U	1	1.0	1	1
trans-1,3-Dichloropropene	U	1	1.0	1	1
1,1,2-Trichloroethane	U	1	1.0	1	1
1,3-Dichloropropane	U	1	1.0	1	1
Dibromochloromethane	U	1	1.0	1	1
Tetrachloroethene	U	1	1.0	1	1
1,2-Dibromoethane	U	1	1.0	1	1
Chlorobenzene	U	1	1.0	1	1
1,1,1,2-Tetrachloroethane	U	1	1.0	1	1
Ethylbenzene	U	1	1.0	1	1
Bromoform	U	1	1.0	1	1
Styrene	U	1	1.0	1	1
1,1,2,2-Tetrachloroethane	U	1	1.0	1	1
1,2,3-Trichloropropane	U	1	1.0	1	1
Isopropylbenzene	U	1	1.0	1	1
Bromobenzene	U	1	1.0	1	1
2-Chlorotoluene	U	1	1.0	1	1
N-Propylbenzene	U	1	1.0	1	1

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/09/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 19-MAY-2011 02:12
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2610-3
Client ID: MW-108UUI-211
SDG: SE2610
Extracted by:
Extraction Method: SW846 5030
Analyst: DJP
Analysis Method: SW846 8260B
Lab Prep Batch: WG91716
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
4-Chlorotoluene	U	1	1.0	1	1
1,3,5-Trimethylbenzene	U	1	1.0	1	1
tert-Butylbenzene	U	1	1.0	1	1
1,2,4-Trichlorobenzene	U	1	1.0	1	1
sec-Butylbenzene	U	1	1.0	1	1
1,3-Dichlorobenzene	U	1	1.0	1	1
P-Isopropyltoluene	U	1	1.0	1	1
1,4-Dichlorobenzene	U	1	1.0	1	1
1,2-Dichlorobenzene	U	1	1.0	1	1
N-Butylbenzene	U	1	1.0	1	1
1,2-Dibromo-3-Chloropropane	U	1	1.0	1	1
1,2,4-Trimethylbenzene	U	1	1.0	1	1
Naphthalene	U	1	1.0	1	1
Hexachlorobutadiene	U	1	1.0	1	1
1,2,3-Trichlorobenzene	U	1	1.0	1	1
Methyl tert-butyl ether	U	1	1.0	1	1
Acetone	U	5	1.0	5	5
2-Butanone	U	5	1.0	5	5
4-methyl-2-pentanone	U	5	1.0	5	5
2-Hexanone	U	5	1.0	5	5
m+p-Xylenes	U	2	1.0	2	2
o-Xylene	U	1	1.0	1	1
Xylenes (total)	U	3	1.0	3	3
1,3,5-Trichlorobenzene	U	1	1.0	1	1
Vinyl Acetate	U	1	1.0	1	1
Carbon Disulfide	U	1	1.0	1	1
Diethyl Ether	U	1	1.0	1	1
Tetrahydrofuran	U	5	1.0	5	5
Tertiary-amyl methyl ether	U	1	1.0	1	1
Ethyl tertiary-butyl ether	U	1	1.0	1	1
Di-isopropyl ether	U	1	1.0	1	1
Tertiary-butyl alcohol	U	5	1.0	5	5
P-Bromofluorobenzene		96%			
Toluene-D8		107%			
1,2-Dichloroethane-D4		95%			
Dibromofluoromethane		115%			

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/10/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 19-MAY-2011 03:18
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2610-7
Client ID: MW-201(S)-211
SDG: SE2610
Extracted by:
Extraction Method: SW846 5030
Analyst: DJP
Analysis Method: SW846 8260B
Lab Prep Batch: WG91716
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
Dichlorodifluoromethane	U	2	1.0	2	2
Chloromethane	U	1	1.0	1	1
Vinyl chloride	U	1	1.0	1	1
Bromomethane	U	1	1.0	1	1
Chloroethane	U	1	1.0	1	1
Trichlorofluoromethane	U	2	1.0	2	2
1,1-Dichloroethene	U	1	1.0	1	1
Methylene Chloride	U	5	1.0	5	5
trans-1,2-Dichloroethene	U	1	1.0	1	1
1,1-Dichloroethane	U	1	1.0	1	1
cis-1,2-Dichloroethene	U	1	1.0	1	1
1,2-Dichloroethylene (total)	U	1	1.0	1	1
2,2-Dichloropropane	U	1	1.0	1	1
Chloroform	U	1	1.0	1	1
Bromochloromethane	U	1	1.0	1	1
1,1,1-Trichloroethane	U	1	1.0	1	1
1,2-Dichloroethane	U	1	1.0	1	1
1,1-Dichloropropene	U	1	1.0	1	1
Carbon Tetrachloride	U	1	1.0	1	1
Benzene	U	1	1.0	1	1
1,2-Dichloropropane	U	1	1.0	1	1
Trichloroethene	U	1	1.0	1	1
Dibromomethane	U	1	1.0	1	1
Bromodichloromethane	U	1	1.0	1	1
cis-1,3-dichloropropene	U	1	1.0	1	1
Toluene	U	1	1.0	1	1
trans-1,3-Dichloropropene	U	1	1.0	1	1
1,1,2-Trichloroethane	U	1	1.0	1	1
1,3-Dichloropropane	U	1	1.0	1	1
Dibromochloromethane	U	1	1.0	1	1
Tetrachloroethene	U	1	1.0	1	1
1,2-Dibromoethane	U	1	1.0	1	1
Chlorobenzene	U	1	1.0	1	1
1,1,1,2-Tetrachloroethane	U	1	1.0	1	1
Ethylbenzene	U	1	1.0	1	1
Bromoform	U	1	1.0	1	1
Styrene	U	1	1.0	1	1
1,1,2,2-Tetrachloroethane	U	1	1.0	1	1
1,2,3-Trichloropropane	U	1	1.0	1	1
Isopropylbenzene	U	1	1.0	1	1
Bromobenzene	U	1	1.0	1	1
2-Chlorotoluene	U	1	1.0	1	1
N-Propylbenzene	U	1	1.0	1	1

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/10/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 19-MAY-2011 03:18
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2610-7
Client ID: MW-201(S)-211
SDG: SE2610
Extracted by:
Extraction Method: SW846 5030
Analyst: DJP
Analysis Method: SW846 8260B
Lab Prep Batch: WG91716
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
4-Chlorotoluene	U	1	1.0	1	1
1,3,5-Trimethylbenzene	U	1	1.0	1	1
tert-Butylbenzene	U	1	1.0	1	1
1,2,4-Trichlorobenzene	U	1	1.0	1	1
sec-Butylbenzene	U	1	1.0	1	1
1,3-Dichlorobenzene	U	1	1.0	1	1
P-Isopropyltoluene	U	1	1.0	1	1
1,4-Dichlorobenzene	U	1	1.0	1	1
1,2-Dichlorobenzene	U	1	1.0	1	1
N-Butylbenzene	U	1	1.0	1	1
1,2-Dibromo-3-Chloropropane	U	1	1.0	1	1
1,2,4-Trimethylbenzene	U	1	1.0	1	1
Naphthalene	U	1	1.0	1	1
Hexachlorobutadiene	U	1	1.0	1	1
1,2,3-Trichlorobenzene	U	1	1.0	1	1
Methyl tert-butyl ether	U	1	1.0	1	1
Acetone	U	5	1.0	5	5
2-Butanone	U	5	1.0	5	5
4-methyl-2-pentanone	U	5	1.0	5	5
2-Hexanone	U	5	1.0	5	5
m+p-Xylenes	U	2	1.0	2	2
o-Xylene	U	1	1.0	1	1
Xylenes (total)	U	3	1.0	3	3
1,3,5-Trichlorobenzene	U	1	1.0	1	1
Vinyl Acetate	U	1	1.0	1	1
Carbon Disulfide	U	1	1.0	1	1
Diethyl Ether	U	1	1.0	1	1
Tetrahydrofuran	U	5	1.0	5	5
Tertiary-amyl methyl ether	U	1	1.0	1	1
Ethyl tertiary-butyl ether	U	1	1.0	1	1
Di-isopropyl ether	U	1	1.0	1	1
Tertiary-butyl alcohol	U	5	1.0	5	5
P-Bromofluorobenzene		93%			
Toluene-D8		104%			
1,2-Dichloroethane-D4		98%			
Dibromofluoromethane		116%			

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/10/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 19-MAY-2011 03:51
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2610-9
Client ID: MW-201(I)-211
SDG: SE2610
Extracted by:
Extraction Method: SW846 5030
Analyst: DJP
Analysis Method: SW846 8260B
Lab Prep Batch: WG91716
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
Dichlorodifluoromethane	U	2	1.0	2	2
Chloromethane	U	1	1.0	1	1
Vinyl chloride	U	1	1.0	1	1
Bromomethane	U	1	1.0	1	1
Chloroethane	U	1	1.0	1	1
Trichlorofluoromethane	U	2	1.0	2	2
1,1-Dichloroethene	U	1	1.0	1	1
Methylene Chloride	U	5	1.0	5	5
trans-1,2-Dichloroethene	U	1	1.0	1	1
1,1-Dichloroethane	U	1	1.0	1	1
cis-1,2-Dichloroethene	U	1	1.0	1	1
1,2-Dichloroethylene (total)	U	1	1.0	1	1
2,2-Dichloropropane	U	1	1.0	1	1
Chloroform	U	1	1.0	1	1
Bromochloromethane	U	1	1.0	1	1
1,1,1-Trichloroethane	U	1	1.0	1	1
1,2-Dichloroethane	U	1	1.0	1	1
1,1-Dichloropropene	U	1	1.0	1	1
Carbon Tetrachloride	U	1	1.0	1	1
Benzene	U	1	1.0	1	1
1,2-Dichloropropane	U	1	1.0	1	1
Trichloroethene	U	1	1.0	1	1
Dibromomethane	U	1	1.0	1	1
Bromodichloromethane	U	1	1.0	1	1
cis-1,3-dichloropropene	U	1	1.0	1	1
Toluene	U	1	1.0	1	1
trans-1,3-Dichloropropene	U	1	1.0	1	1
1,1,2-Trichloroethane	U	1	1.0	1	1
1,3-Dichloropropane	U	1	1.0	1	1
Dibromochloromethane	U	1	1.0	1	1
Tetrachloroethene	U	1	1.0	1	1
1,2-Dibromoethane	U	1	1.0	1	1
Chlorobenzene	U	1	1.0	1	1
1,1,1,2-Tetrachloroethane	U	1	1.0	1	1
Ethylbenzene	U	1	1.0	1	1
Bromoform	U	1	1.0	1	1
Styrene	U	1	1.0	1	1
1,1,2,2-Tetrachloroethane	U	1	1.0	1	1
1,2,3-Trichloropropane	U	1	1.0	1	1
Isopropylbenzene	U	1	1.0	1	1
Bromobenzene	U	1	1.0	1	1
2-Chlorotoluene	U	1	1.0	1	1
N-Propylbenzene	U	1	1.0	1	1

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/10/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 19-MAY-2011 03:51
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2610-9
Client ID: MW-201(I)-211
SDG: SE2610
Extracted by:
Extraction Method: SW846 5030
Analyst: DJP
Analysis Method: SW846 8260B
Lab Prep Batch: WG91716
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
4-Chlorotoluene	U	1	1.0	1	1
1,3,5-Trimethylbenzene	U	1	1.0	1	1
tert-Butylbenzene	U	1	1.0	1	1
1,2,4-Trichlorobenzene	U	1	1.0	1	1
sec-Butylbenzene	U	1	1.0	1	1
1,3-Dichlorobenzene	U	1	1.0	1	1
P-Isopropyltoluene	U	1	1.0	1	1
1,4-Dichlorobenzene	U	1	1.0	1	1
1,2-Dichlorobenzene	U	1	1.0	1	1
N-Butylbenzene	U	1	1.0	1	1
1,2-Dibromo-3-Chloropropane	U	1	1.0	1	1
1,2,4-Trimethylbenzene	U	1	1.0	1	1
Naphthalene	U	1	1.0	1	1
Hexachlorobutadiene	U	1	1.0	1	1
1,2,3-Trichlorobenzene	U	1	1.0	1	1
Methyl tert-butyl ether	U	1	1.0	1	1
Acetone	U	5	1.0	5	5
2-Butanone	U	5	1.0	5	5
4-methyl-2-pentanone	U	5	1.0	5	5
2-Hexanone	U	5	1.0	5	5
m+p-Xylenes	U	2	1.0	2	2
o-Xylene	U	1	1.0	1	1
Xylenes (total)	U	3	1.0	3	3
1,3,5-Trichlorobenzene	U	1	1.0	1	1
Vinyl Acetate	U	1	1.0	1	1
Carbon Disulfide	U	1	1.0	1	1
Diethyl Ether	U	1	1.0	1	1
Tetrahydrofuran	U	5	1.0	5	5
Tertiary-amyl methyl ether	U	1	1.0	1	1
Ethyl tertiary-butyl ether	U	1	1.0	1	1
Di-isopropyl ether	U	1	1.0	1	1
Tertiary-butyl alcohol	U	5	1.0	5	5
P-Bromofluorobenzene		91%			
Toluene-D8		102%			
1,2-Dichloroethane-D4		91%			
Dibromofluoromethane		111%			

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/10/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 19-MAY-2011 02:45
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2610-5
Client ID: MW-201(D)-211
SDG: SE2610
Extracted by:
Extraction Method: SW846 5030
Analyst: DJP
Analysis Method: SW846 8260B
Lab Prep Batch: WG91716
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
Dichlorodifluoromethane	U	2	1.0	2	2
Chloromethane	U	1	1.0	1	1
Vinyl chloride	U	1	1.0	1	1
Bromomethane	U	1	1.0	1	1
Chloroethane	U	1	1.0	1	1
Trichlorofluoromethane	U	2	1.0	2	2
1,1-Dichloroethene	U	1	1.0	1	1
Methylene Chloride	U	5	1.0	5	5
trans-1,2-Dichloroethene	U	1	1.0	1	1
1,1-Dichloroethane	U	1	1.0	1	1
cis-1,2-Dichloroethene	U	1	1.0	1	1
1,2-Dichloroethylene (total)	U	1	1.0	1	1
2,2-Dichloropropane	U	1	1.0	1	1
Chloroform	U	1	1.0	1	1
Bromochloromethane	U	1	1.0	1	1
1,1,1-Trichloroethane	U	1	1.0	1	1
1,2-Dichloroethane	U	1	1.0	1	1
1,1-Dichloropropene	U	1	1.0	1	1
Carbon Tetrachloride	U	1	1.0	1	1
Benzene	U	1	1.0	1	1
1,2-Dichloropropane	U	1	1.0	1	1
Trichloroethene	U	1	1.0	1	1
Dibromomethane	U	1	1.0	1	1
Bromodichloromethane	U	1	1.0	1	1
cis-1,3-dichloropropene	U	1	1.0	1	1
Toluene	U	1	1.0	1	1
trans-1,3-Dichloropropene	U	1	1.0	1	1
1,1,2-Trichloroethane	U	1	1.0	1	1
1,3-Dichloropropane	U	1	1.0	1	1
Dibromochloromethane	U	1	1.0	1	1
Tetrachloroethene	U	1	1.0	1	1
1,2-Dibromoethane	U	1	1.0	1	1
Chlorobenzene	U	1	1.0	1	1
1,1,1,2-Tetrachloroethane	U	1	1.0	1	1
Ethylbenzene	U	1	1.0	1	1
Bromoform	U	1	1.0	1	1
Styrene	U	1	1.0	1	1
1,1,2,2-Tetrachloroethane	U	1	1.0	1	1
1,2,3-Trichloropropane	U	1	1.0	1	1
Isopropylbenzene	U	1	1.0	1	1
Bromobenzene	U	1	1.0	1	1
2-Chlorotoluene	U	1	1.0	1	1
N-Propylbenzene	U	1	1.0	1	1

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/10/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 19-MAY-2011 02:45
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2610-5
Client ID: MW-201(D)-211
SDG: SE2610
Extracted by:
Extraction Method: SW846 5030
Analyst: DJP
Analysis Method: SW846 8260B
Lab Prep Batch: WG91716
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
4-Chlorotoluene	U	1	1.0	1	1
1,3,5-Trimethylbenzene	U	1	1.0	1	1
tert-Butylbenzene	U	1	1.0	1	1
1,2,4-Trichlorobenzene	U	1	1.0	1	1
sec-Butylbenzene	U	1	1.0	1	1
1,3-Dichlorobenzene	U	1	1.0	1	1
P-Isopropyltoluene	U	1	1.0	1	1
1,4-Dichlorobenzene	U	1	1.0	1	1
1,2-Dichlorobenzene	U	1	1.0	1	1
N-Butylbenzene	U	1	1.0	1	1
1,2-Dibromo-3-Chloropropane	U	1	1.0	1	1
1,2,4-Trimethylbenzene	U	1	1.0	1	1
Naphthalene	U	1	1.0	1	1
Hexachlorobutadiene	U	1	1.0	1	1
1,2,3-Trichlorobenzene	U	1	1.0	1	1
Methyl tert-butyl ether	U	1	1.0	1	1
Acetone	U	5	1.0	5	5
2-Butanone	U	5	1.0	5	5
4-methyl-2-pentanone	U	5	1.0	5	5
2-Hexanone	U	5	1.0	5	5
m+p-Xylenes	U	2	1.0	2	2
o-Xylene	U	1	1.0	1	1
Xylenes (total)	U	3	1.0	3	3
1,3,5-Trichlorobenzene	U	1	1.0	1	1
Vinyl Acetate	U	1	1.0	1	1
Carbon Disulfide	U	1	1.0	1	1
Diethyl Ether	U	1	1.0	1	1
Tetrahydrofuran	U	5	1.0	5	5
Tertiary-amyl methyl ether	U	1	1.0	1	1
Ethyl tertiary-butyl ether	U	1	1.0	1	1
Di-isopropyl ether	U	1	1.0	1	1
Tertiary-butyl alcohol	U	5	1.0	5	5
P-Bromofluorobenzene		91%			
Toluene-D8		98%			
1,2-Dichloroethane-D4		91%			
Dibromofluoromethane		110%			

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/10/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 19-MAY-2011 10:44
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2610-15
Client ID: SB-A1-211
SDG: SE2610
Extracted by:
Extraction Method: SW846 5030
Analyst: TTC
Analysis Method: SW846 8260B
Lab Prep Batch: WG91769
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
Dichlorodifluoromethane	U	2	1.0	2	2
Chloromethane	U	1	1.0	1	1
Vinyl chloride	U	1	1.0	1	1
Bromomethane	U	1	1.0	1	1
Chloroethane	U	1	1.0	1	1
Trichlorofluoromethane	U	2	1.0	2	2
1,1-Dichloroethene	U	1	1.0	1	1
Methylene Chloride	U	5	1.0	5	5
trans-1,2-Dichloroethene	U	1	1.0	1	1
1,1-Dichloroethane	U	1	1.0	1	1
cis-1,2-Dichloroethene	U	1	1.0	1	1
1,2-Dichloroethylene (total)	U	1	1.0	1	1
2,2-Dichloropropane	U	1	1.0	1	1
Chloroform	U	1	1.0	1	1
Bromochloromethane	U	1	1.0	1	1
1,1,1-Trichloroethane	U	1	1.0	1	1
1,2-Dichloroethane	U	1	1.0	1	1
1,1-Dichloropropene	U	1	1.0	1	1
Carbon Tetrachloride	U	1	1.0	1	1
Benzene	U	1	1.0	1	1
1,2-Dichloropropane	U	1	1.0	1	1
Trichloroethene	U	1	1.0	1	1
Dibromomethane	U	1	1.0	1	1
Bromodichloromethane	U	1	1.0	1	1
cis-1,3-dichloropropene	U	1	1.0	1	1
Toluene	U	1	1.0	1	1
trans-1,3-Dichloropropene	U	1	1.0	1	1
1,1,2-Trichloroethane	U	1	1.0	1	1
1,3-Dichloropropane	U	1	1.0	1	1
Dibromochloromethane	U	1	1.0	1	1
Tetrachloroethene	U	1	1.0	1	1
1,2-Dibromoethane	U	1	1.0	1	1
Chlorobenzene	U	1	1.0	1	1
1,1,1,2-Tetrachloroethane	U	1	1.0	1	1
Ethylbenzene	U	1	1.0	1	1
Bromoform	U	1	1.0	1	1
Styrene	U	1	1.0	1	1
1,1,2,2-Tetrachloroethane	U	1	1.0	1	1
1,2,3-Trichloropropane	U	1	1.0	1	1
Isopropylbenzene	U	1	1.0	1	1
Bromobenzene	U	1	1.0	1	1
2-Chlorotoluene	U	1	1.0	1	1
N-Propylbenzene	U	1	1.0	1	1

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/10/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 19-MAY-2011 10:44
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2610-15
Client ID: SB-A1-211
SDG: SE2610
Extracted by:
Extraction Method: SW846 5030
Analyst: TTC
Analysis Method: SW846 8260B
Lab Prep Batch: WG91769
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
4-Chlorotoluene	U	1	1.0	1	1
1,3,5-Trimethylbenzene	U	1	1.0	1	1
tert-Butylbenzene	U	1	1.0	1	1
1,2,4-Trichlorobenzene	U	1	1.0	1	1
sec-Butylbenzene	U	1	1.0	1	1
1,3-Dichlorobenzene	U	1	1.0	1	1
P-Isopropyltoluene	U	1	1.0	1	1
1,4-Dichlorobenzene	U	1	1.0	1	1
1,2-Dichlorobenzene	U	1	1.0	1	1
N-Butylbenzene	U	1	1.0	1	1
1,2-Dibromo-3-Chloropropane	U	1	1.0	1	1
1,2,4-Trimethylbenzene	U	1	1.0	1	1
Naphthalene	U	1	1.0	1	1
Hexachlorobutadiene	U	1	1.0	1	1
1,2,3-Trichlorobenzene	U	1	1.0	1	1
Methyl tert-butyl ether	U	1	1.0	1	1
Acetone	U	5	1.0	5	5
2-Butanone	U	5	1.0	5	5
4-methyl-2-pentanone	U	5	1.0	5	5
2-Hexanone	U	5	1.0	5	5
m+p-Xylenes	U	2	1.0	2	2
o-Xylene	U	1	1.0	1	1
Xylenes (total)	U	3	1.0	3	3
1,3,5-Trichlorobenzene	U	1	1.0	1	1
Vinyl Acetate	U	1	1.0	1	1
Carbon Disulfide	U	1	1.0	1	1
Diethyl Ether	U	1	1.0	1	1
Tetrahydrofuran	U	5	1.0	5	5
Tertiary-amyl methyl ether	U	1	1.0	1	1
Ethyl tertiary-butyl ether	U	1	1.0	1	1
Di-isopropyl ether	U	1	1.0	1	1
Tertiary-butyl alcohol	U	5	1.0	5	5
P-Bromofluorobenzene		87%			
Toluene-D8		98%			
1,2-Dichloroethane-D4		88%			
Dibromofluoromethane		107%			

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/10/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 19-MAY-2011 04:56
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2610-13
Client ID: SB-A2-211
SDG: SE2610
Extracted by:
Extraction Method: SW846 5030
Analyst: DJP
Analysis Method: SW846 8260B
Lab Prep Batch: WG91716
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
Dichlorodifluoromethane	U	2	1.0	2	2
Chloromethane	U	1	1.0	1	1
Vinyl chloride	U	1	1.0	1	1
Bromomethane	U	1	1.0	1	1
Chloroethane	U	1	1.0	1	1
Trichlorofluoromethane	U	2	1.0	2	2
1,1-Dichloroethene	U	1	1.0	1	1
Methylene Chloride	U	5	1.0	5	5
trans-1,2-Dichloroethene	U	1	1.0	1	1
1,1-Dichloroethane	U	1	1.0	1	1
cis-1,2-Dichloroethene	U	1	1.0	1	1
1,2-Dichloroethylene (total)	U	1	1.0	1	1
2,2-Dichloropropane	U	1	1.0	1	1
Chloroform	U	1	1.0	1	1
Bromochloromethane	U	1	1.0	1	1
1,1,1-Trichloroethane	U	1	1.0	1	1
1,2-Dichloroethane	U	1	1.0	1	1
1,1-Dichloropropene	U	1	1.0	1	1
Carbon Tetrachloride	U	1	1.0	1	1
Benzene	U	1	1.0	1	1
1,2-Dichloropropane	U	1	1.0	1	1
Trichloroethene	U	1	1.0	1	1
Dibromomethane	U	1	1.0	1	1
Bromodichloromethane	U	1	1.0	1	1
cis-1,3-dichloropropene	U	1	1.0	1	1
Toluene	U	1	1.0	1	1
trans-1,3-Dichloropropene	U	1	1.0	1	1
1,1,2-Trichloroethane	U	1	1.0	1	1
1,3-Dichloropropane	U	1	1.0	1	1
Dibromochloromethane	U	1	1.0	1	1
Tetrachloroethene	U	1	1.0	1	1
1,2-Dibromoethane	U	1	1.0	1	1
Chlorobenzene	U	1	1.0	1	1
1,1,1,2-Tetrachloroethane	U	1	1.0	1	1
Ethylbenzene	U	1	1.0	1	1
Bromoform	U	1	1.0	1	1
Styrene	U	1	1.0	1	1
1,1,2,2-Tetrachloroethane	U	1	1.0	1	1
1,2,3-Trichloropropane	U	1	1.0	1	1
Isopropylbenzene	U	1	1.0	1	1
Bromobenzene	U	1	1.0	1	1
2-Chlorotoluene	U	1	1.0	1	1
N-Propylbenzene	U	1	1.0	1	1

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/10/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 19-MAY-2011 04:56
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2610-13
Client ID: SB-A2-211
SDG: SE2610
Extracted by:
Extraction Method: SW846 5030
Analyst: DJP
Analysis Method: SW846 8260B
Lab Prep Batch: WG91716
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
4-Chlorotoluene	U	1	1.0	1	1
1,3,5-Trimethylbenzene	U	1	1.0	1	1
tert-Butylbenzene	U	1	1.0	1	1
1,2,4-Trichlorobenzene	U	1	1.0	1	1
sec-Butylbenzene	U	1	1.0	1	1
1,3-Dichlorobenzene	U	1	1.0	1	1
P-Isopropyltoluene	U	1	1.0	1	1
1,4-Dichlorobenzene	U	1	1.0	1	1
1,2-Dichlorobenzene	U	1	1.0	1	1
N-Butylbenzene	U	1	1.0	1	1
1,2-Dibromo-3-Chloropropane	U	1	1.0	1	1
1,2,4-Trimethylbenzene	U	1	1.0	1	1
Naphthalene	U	1	1.0	1	1
Hexachlorobutadiene	U	1	1.0	1	1
1,2,3-Trichlorobenzene	U	1	1.0	1	1
Methyl tert-butyl ether	U	1	1.0	1	1
Acetone	U	5	1.0	5	5
2-Butanone	U	5	1.0	5	5
4-methyl-2-pentanone	U	5	1.0	5	5
2-Hexanone	U	5	1.0	5	5
m+p-Xylenes	U	2	1.0	2	2
o-Xylene	U	1	1.0	1	1
Xylenes (total)	U	3	1.0	3	3
1,3,5-Trichlorobenzene	U	1	1.0	1	1
Vinyl Acetate	U	1	1.0	1	1
Carbon Disulfide	U	1	1.0	1	1
Diethyl Ether	U	1	1.0	1	1
Tetrahydrofuran	U	5	1.0	5	5
Tertiary-amyl methyl ether	U	1	1.0	1	1
Ethyl tertiary-butyl ether	U	1	1.0	1	1
Di-isopropyl ether	U	1	1.0	1	1
Tertiary-butyl alcohol	U	5	1.0	5	5
P-Bromofluorobenzene		94%			
Toluene-D8		104%			
1,2-Dichloroethane-D4		94%			
Dibromofluoromethane		112%			

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/09/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 19-MAY-2011 01:40
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2610-1
Client ID: SB-D3(I)-211
SDG: SE2610
Extracted by:
Extraction Method: SW846 5030
Analyst: DJP
Analysis Method: SW846 8260B
Lab Prep Batch: WG91716
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
Dichlorodifluoromethane	U	2	1.0	2	2
Chloromethane	U	1	1.0	1	1
Vinyl chloride	U	1	1.0	1	1
Bromomethane	U	1	1.0	1	1
Chloroethane	U	1	1.0	1	1
Trichlorofluoromethane	U	2	1.0	2	2
1,1-Dichloroethene	U	1	1.0	1	1
Methylene Chloride	U	5	1.0	5	5
trans-1,2-Dichloroethene	U	1	1.0	1	1
1,1-Dichloroethane	U	1	1.0	1	1
cis-1,2-Dichloroethene	U	1	1.0	1	1
1,2-Dichloroethylene (total)	U	1	1.0	1	1
2,2-Dichloropropane	U	1	1.0	1	1
Chloroform	U	1	1.0	1	1
Bromochloromethane	U	1	1.0	1	1
1,1,1-Trichloroethane	U	1	1.0	1	1
1,2-Dichloroethane	U	1	1.0	1	1
1,1-Dichloropropene	U	1	1.0	1	1
Carbon Tetrachloride	U	1	1.0	1	1
Benzene	U	1	1.0	1	1
1,2-Dichloropropane	U	1	1.0	1	1
Trichloroethene	U	1	1.0	1	1
Dibromomethane	U	1	1.0	1	1
Bromodichloromethane	U	1	1.0	1	1
cis-1,3-dichloropropene	U	1	1.0	1	1
Toluene	U	1	1.0	1	1
trans-1,3-Dichloropropene	U	1	1.0	1	1
1,1,2-Trichloroethane	U	1	1.0	1	1
1,3-Dichloropropane	U	1	1.0	1	1
Dibromochloromethane	U	1	1.0	1	1
Tetrachloroethene	U	1	1.0	1	1
1,2-Dibromoethane	U	1	1.0	1	1
Chlorobenzene	U	1	1.0	1	1
1,1,1,2-Tetrachloroethane	U	1	1.0	1	1
Ethylbenzene	U	1	1.0	1	1
Bromoform	U	1	1.0	1	1
Styrene	U	1	1.0	1	1
1,1,2,2-Tetrachloroethane	U	1	1.0	1	1
1,2,3-Trichloropropane	U	1	1.0	1	1
Isopropylbenzene	U	1	1.0	1	1
Bromobenzene	U	1	1.0	1	1
2-Chlorotoluene	U	1	1.0	1	1
N-Propylbenzene	U	1	1.0	1	1

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/09/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 19-MAY-2011 01:40
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2610-1
Client ID: SB-D3(I)-211
SDG: SE2610
Extracted by:
Extraction Method: SW846 5030
Analyst: DJP
Analysis Method: SW846 8260B
Lab Prep Batch: WG91716
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
4-Chlorotoluene	U	1	1.0	1	1
1,3,5-Trimethylbenzene	U	1	1.0	1	1
tert-Butylbenzene	U	1	1.0	1	1
1,2,4-Trichlorobenzene	U	1	1.0	1	1
sec-Butylbenzene	U	1	1.0	1	1
1,3-Dichlorobenzene	U	1	1.0	1	1
P-Isopropyltoluene	U	1	1.0	1	1
1,4-Dichlorobenzene	U	1	1.0	1	1
1,2-Dichlorobenzene	U	1	1.0	1	1
N-Butylbenzene	U	1	1.0	1	1
1,2-Dibromo-3-Chloropropane	U	1	1.0	1	1
1,2,4-Trimethylbenzene	U	1	1.0	1	1
Naphthalene	U	1	1.0	1	1
Hexachlorobutadiene	U	1	1.0	1	1
1,2,3-Trichlorobenzene	U	1	1.0	1	1
Methyl tert-butyl ether	U	1	1.0	1	1
Acetone	U	5	1.0	5	5
2-Butanone	U	5	1.0	5	5
4-methyl-2-pentanone	U	5	1.0	5	5
2-Hexanone	U	5	1.0	5	5
m+p-Xylenes	U	2	1.0	2	2
o-Xylene	U	1	1.0	1	1
Xylenes (total)	U	3	1.0	3	3
1,3,5-Trichlorobenzene	U	1	1.0	1	1
Vinyl Acetate	U	1	1.0	1	1
Carbon Disulfide	U	1	1.0	1	1
Diethyl Ether	U	1	1.0	1	1
Tetrahydrofuran	U	5	1.0	5	5
Tertiary-amyl methyl ether	U	1	1.0	1	1
Ethyl tertiary-butyl ether	U	1	1.0	1	1
Di-isopropyl ether	U	1	1.0	1	1
Tertiary-butyl alcohol	U	5	1.0	5	5
P-Bromofluorobenzene		93%			
Toluene-D8		105%			
1,2-Dichloroethane-D4		93%			
Dibromofluoromethane		111%			

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/10/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 19-MAY-2011 04:23
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2610-11
Client ID: SB-10D-211
SDG: SE2610
Extracted by:
Extraction Method: SW846 5030
Analyst: DJP
Analysis Method: SW846 8260B
Lab Prep Batch: WG91716
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
Dichlorodifluoromethane	U	2	1.0	2	2
Chloromethane	U	1	1.0	1	1
Vinyl chloride	U	1	1.0	1	1
Bromomethane	U	1	1.0	1	1
Chloroethane	U	1	1.0	1	1
Trichlorofluoromethane	U	2	1.0	2	2
1,1-Dichloroethene	U	1	1.0	1	1
Methylene Chloride	U	5	1.0	5	5
trans-1,2-Dichloroethene	U	1	1.0	1	1
1,1-Dichloroethane	U	1	1.0	1	1
cis-1,2-Dichloroethene	U	1	1.0	1	1
1,2-Dichloroethylene (total)	U	1	1.0	1	1
2,2-Dichloropropane	U	1	1.0	1	1
Chloroform	U	1	1.0	1	1
Bromochloromethane	U	1	1.0	1	1
1,1,1-Trichloroethane	U	1	1.0	1	1
1,2-Dichloroethane	U	1	1.0	1	1
1,1-Dichloropropene	U	1	1.0	1	1
Carbon Tetrachloride	U	1	1.0	1	1
Benzene	U	1	1.0	1	1
1,2-Dichloropropane	U	1	1.0	1	1
Trichloroethene	U	1	1.0	1	1
Dibromomethane	U	1	1.0	1	1
Bromodichloromethane	U	1	1.0	1	1
cis-1,3-dichloropropene	U	1	1.0	1	1
Toluene	U	1	1.0	1	1
trans-1,3-Dichloropropene	U	1	1.0	1	1
1,1,2-Trichloroethane	U	1	1.0	1	1
1,3-Dichloropropane	U	1	1.0	1	1
Dibromochloromethane	U	1	1.0	1	1
Tetrachloroethene	U	1	1.0	1	1
1,2-Dibromoethane	U	1	1.0	1	1
Chlorobenzene	U	1	1.0	1	1
1,1,1,2-Tetrachloroethane	U	1	1.0	1	1
Ethylbenzene	U	1	1.0	1	1
Bromoform	U	1	1.0	1	1
Styrene	U	1	1.0	1	1
1,1,2,2-Tetrachloroethane	U	1	1.0	1	1
1,2,3-Trichloropropane	U	1	1.0	1	1
Isopropylbenzene	U	1	1.0	1	1
Bromobenzene	U	1	1.0	1	1
2-Chlorotoluene	U	1	1.0	1	1
N-Propylbenzene	U	1	1.0	1	1

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/10/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 19-MAY-2011 04:23
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2610-11
Client ID: SB-10D-211
SDG: SE2610
Extracted by:
Extraction Method: SW846 5030
Analyst: DJP
Analysis Method: SW846 8260B
Lab Prep Batch: WG91716
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
4-Chlorotoluene	U	1	1.0	1	1
1,3,5-Trimethylbenzene	U	1	1.0	1	1
tert-Butylbenzene	U	1	1.0	1	1
1,2,4-Trichlorobenzene	U	1	1.0	1	1
sec-Butylbenzene	U	1	1.0	1	1
1,3-Dichlorobenzene	U	1	1.0	1	1
P-Isopropyltoluene	U	1	1.0	1	1
1,4-Dichlorobenzene	U	1	1.0	1	1
1,2-Dichlorobenzene	U	1	1.0	1	1
N-Butylbenzene	U	1	1.0	1	1
1,2-Dibromo-3-Chloropropane	U	1	1.0	1	1
1,2,4-Trimethylbenzene	U	1	1.0	1	1
Naphthalene	U	1	1.0	1	1
Hexachlorobutadiene	U	1	1.0	1	1
1,2,3-Trichlorobenzene	U	1	1.0	1	1
Methyl tert-butyl ether	U	1	1.0	1	1
Acetone	U	5	1.0	5	5
2-Butanone	U	5	1.0	5	5
4-methyl-2-pentanone	U	5	1.0	5	5
2-Hexanone	U	5	1.0	5	5
m+p-Xylenes	U	2	1.0	2	2
o-Xylene	U	1	1.0	1	1
Xylenes (total)	U	3	1.0	3	3
1,3,5-Trichlorobenzene	U	1	1.0	1	1
Vinyl Acetate	U	1	1.0	1	1
Carbon Disulfide	U	1	1.0	1	1
Diethyl Ether	U	1	1.0	1	1
Tetrahydrofuran	U	5	1.0	5	5
Tertiary-amyl methyl ether	U	1	1.0	1	1
Ethyl tertiary-butyl ether	U	1	1.0	1	1
Di-isopropyl ether	U	1	1.0	1	1
Tertiary-butyl alcohol	U	5	1.0	5	5
P-Bromofluorobenzene		94%			
Toluene-D8		93%			
1,2-Dichloroethane-D4		93%			
Dibromofluoromethane		111%			

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/13/11
Received Date: 05/13/11
Extraction Date:
Analysis Date: 20-MAY-2011 20:47
Report Date: 06/14/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2682-1
Client ID: SC-2UUI-211
SDG: SE2682
Extracted by:
Extraction Method: SW846 5030
Analyst: TTC
Analysis Method: SW846 8260B
Lab Prep Batch: WG91844
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
Dichlorodifluoromethane	U	2	1.0	2	2
Chloromethane	U	2	1.0	2	2
Vinyl chloride	U	2	1.0	2	2
Bromomethane	U	2	1.0	2	2
Chloroethane	U	2	1.0	2	2
Trichlorofluoromethane	U	2	1.0	2	2
1,1-Dichloroethene	U	1	1.0	1	1
Methylene Chloride	U	5	1.0	5	5
trans-1,2-Dichloroethene	U	1	1.0	1	1
1,1-Dichloroethane	U	1	1.0	1	1
cis-1,2-Dichloroethene		1	1.0	1	1
1,2-Dichloroethylene (total)	U	2	1.0	2	2
2,2-Dichloropropane	U	1	1.0	1	1
Chloroform	U	1	1.0	1	1
Bromochloromethane	U	1	1.0	1	1
1,1,1-Trichloroethane	U	1	1.0	1	1
1,2-Dichloroethane		1	1.0	1	1
1,1-Dichloropropene	U	1	1.0	1	1
Carbon Tetrachloride	U	1	1.0	1	1
Benzene		9	1.0	1	1
1,2-Dichloropropane	U	1	1.0	1	1
Trichloroethene	U	1	1.0	1	1
Dibromomethane	U	1	1.0	1	1
Bromodichloromethane	U	1	1.0	1	1
cis-1,3-dichloropropene	U	1	1.0	1	1
Toluene		1	1.0	1	1
trans-1,3-Dichloropropene	U	1	1.0	1	1
1,1,2-Trichloroethane	U	1	1.0	1	1
1,3-Dichloropropane	U	1	1.0	1	1
Dibromochloromethane	U	1	1.0	1	1
Tetrachloroethene	U	1	1.0	1	1
1,2-Dibromoethane	U	1	1.0	1	1
Chlorobenzene		6	1.0	1	1
1,1,1,2-Tetrachloroethane	U	1	1.0	1	1
Ethylbenzene		19	1.0	1	1
Bromoform	U	1	1.0	1	1
Styrene	U	1	1.0	1	1
1,1,2,2-Tetrachloroethane	U	1	1.0	1	1
1,2,3-Trichloropropane	U	1	1.0	1	1
Isopropylbenzene		17	1.0	1	1
Bromobenzene	U	1	1.0	1	1
2-Chlorotoluene	U	1	1.0	1	1
N-Propylbenzene	U	1	1.0	1	1

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/13/11
Received Date: 05/13/11
Extraction Date:
Analysis Date: 20-MAY-2011 20:47
Report Date: 06/14/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2682-1
Client ID: SC-2UUI-211
SDG: SE2682
Extracted by:
Extraction Method: SW846 5030
Analyst: TTC
Analysis Method: SW846 8260B
Lab Prep Batch: WG91844
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
4-Chlorotoluene	U	1	1.0	1	1
1,3,5-Trimethylbenzene	U	1	1.0	1	1
tert-Butylbenzene	U	1	1.0	1	1
1,2,4-Trichlorobenzene	U	1	1.0	1	1
sec-Butylbenzene	U	1	1.0	1	1
1,3-Dichlorobenzene	U	1	1.0	1	1
P-Isopropyltoluene		1	1.0	1	1
1,4-Dichlorobenzene	U	1	1.0	1	1
1,2-Dichlorobenzene	U	1	1.0	1	1
N-Butylbenzene	U	1	1.0	1	1
1,2-Dibromo-3-Chloropropane	U	1	1.0	1	1
1,2,4-Trimethylbenzene	U	1	1.0	1	1
Naphthalene	U	1	1.0	1	1
Hexachlorobutadiene	U	1	1.0	1	1
1,2,3-Trichlorobenzene	U	1	1.0	1	1
Methyl tert-butyl ether	U	1	1.0	1	1
Acetone		8	1.0	5	5
2-Butanone	U	5	1.0	5	5
4-methyl-2-pentanone	U	5	1.0	5	5
2-Hexanone	U	5	1.0	5	5
m+p-Xylenes		9	1.0	2	2
o-Xylene		6	1.0	1	1
Xylenes (total)		15	1.0	3	3
1,3,5-Trichlorobenzene	U	1	1.0	1	1
Vinyl Acetate	U	1	1.0	1	1
Carbon Disulfide	U	1	1.0	1	1
Diethyl Ether		75	1.0	1	1
Tetrahydrofuran		180	1.0	5	5
Tertiary-amyl methyl ether	U	1	1.0	1	1
Ethyl tertiary-butyl ether	U	1	1.0	1	1
Di-isopropyl ether	U	1	1.0	1	1
Tertiary-butyl alcohol		150	1.0	5	5
Dibromofluoromethane		106%			
1,2-Dichloroethane-D4		115%			
Toluene-D8		107%			
P-Bromofluorobenzene		112%			

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/13/11
Received Date: 05/13/11
Extraction Date:
Analysis Date: 23-MAY-2011 17:20
Report Date: 06/13/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2682-3RA
Client ID: SC-3US-211
SDG: SE2682
Extracted by:
Extraction Method: SW846 5030
Analyst: DWM
Analysis Method: SW846 8260B
Lab Prep Batch: WG91902
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
Dichlorodifluoromethane	U	2	1.0	2	2
Chloromethane	U	2	1.0	2	2
Vinyl chloride	U	2	1.0	2	2
Bromomethane	U	2	1.0	2	2
Chloroethane	U	2	1.0	2	2
Trichlorofluoromethane	U	2	1.0	2	2
1,1-Dichloroethene	U	1	1.0	1	1
Methylene Chloride	U	5	1.0	5	5
trans-1,2-Dichloroethene	U	1	1.0	1	1
1,1-Dichloroethane	U	1	1.0	1	1
cis-1,2-Dichloroethene	U	1	1.0	1	1
1,2-Dichloroethylene (total)	U	2	1.0	2	2
2,2-Dichloropropane	U	1	1.0	1	1
Chloroform	U	1	1.0	1	1
Bromochloromethane	U	1	1.0	1	1
1,1,1-Trichloroethane	U	1	1.0	1	1
1,2-Dichloroethane	U	1	1.0	1	1
1,1-Dichloropropene	U	1	1.0	1	1
Carbon Tetrachloride	U	1	1.0	1	1
Benzene	U	1	1.0	1	1
1,2-Dichloropropane	U	1	1.0	1	1
Trichloroethene	U	1	1.0	1	1
Dibromomethane	U	1	1.0	1	1
Bromodichloromethane	U	1	1.0	1	1
cis-1,3-dichloropropene	U	1	1.0	1	1
Toluene	U	1	1.0	1	1
trans-1,3-Dichloropropene	U	1	1.0	1	1
1,1,2-Trichloroethane	U	1	1.0	1	1
1,3-Dichloropropane	U	1	1.0	1	1
Dibromochloromethane	U	1	1.0	1	1
Tetrachloroethene	U	1	1.0	1	1
1,2-Dibromoethane	U	1	1.0	1	1
Chlorobenzene	U	1	1.0	1	1
1,1,1,2-Tetrachloroethane	U	1	1.0	1	1
Ethylbenzene	U	1	1.0	1	1
Bromoform	U	1	1.0	1	1
Styrene	U	1	1.0	1	1
1,1,2,2-Tetrachloroethane	U	1	1.0	1	1
1,2,3-Trichloropropane	U	1	1.0	1	1
Isopropylbenzene	U	1	1.0	1	1
Bromobenzene	U	1	1.0	1	1
2-Chlorotoluene	U	1	1.0	1	1
N-Propylbenzene	U	1	1.0	1	1

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/13/11
Received Date: 05/13/11
Extraction Date:
Analysis Date: 23-MAY-2011 17:20
Report Date: 06/13/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2682-3RA
Client ID: SC-3US-211
SDG: SE2682
Extracted by:
Extraction Method: SW846 5030
Analyst: DWM
Analysis Method: SW846 8260B
Lab Prep Batch: WG91902
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
4-Chlorotoluene	U	1	1.0	1	1
1,3,5-Trimethylbenzene	U	1	1.0	1	1
tert-Butylbenzene	U	1	1.0	1	1
1,2,4-Trichlorobenzene	U	1	1.0	1	1
sec-Butylbenzene	U	1	1.0	1	1
1,3-Dichlorobenzene	U	1	1.0	1	1
P-Isopropyltoluene	U	1	1.0	1	1
1,4-Dichlorobenzene	U	1	1.0	1	1
1,2-Dichlorobenzene	U	1	1.0	1	1
N-Butylbenzene	U	1	1.0	1	1
1,2-Dibromo-3-Chloropropane	U	1	1.0	1	1
1,2,4-Trimethylbenzene	U	1	1.0	1	1
Naphthalene	U	1	1.0	1	1
Hexachlorobutadiene	U	1	1.0	1	1
1,2,3-Trichlorobenzene	U	1	1.0	1	1
Methyl tert-butyl ether	U	1	1.0	1	1
Acetone	U	5	1.0	5	5
2-Butanone	U	5	1.0	5	5
4-methyl-2-pentanone	U	5	1.0	5	5
2-Hexanone	U	5	1.0	5	5
m+p-Xylenes	U	2	1.0	2	2
o-Xylene	U	1	1.0	1	1
Xylenes (total)	U	3	1.0	3	3
1,3,5-Trichlorobenzene	U	1	1.0	1	1
Vinyl Acetate	U	1	1.0	1	1
Carbon Disulfide	U	1	1.0	1	1
Diethyl Ether	U	1	1.0	1	1
Tetrahydrofuran	U	5	1.0	5	5
Tertiary-amyl methyl ether	U	1	1.0	1	1
Ethyl tertiary-butyl ether	U	1	1.0	1	1
Di-isopropyl ether	U	1	1.0	1	1
Tertiary-butyl alcohol	U	5	1.0	5	5
Dibromofluoromethane		83%			
1,2-Dichloroethane-D4		82%			
Toluene-D8		85%			
P-Bromofluorobenzene		84%			

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/13/11
Received Date: 05/13/11
Extraction Date:
Analysis Date: 23-MAY-2011 17:52
Report Date: 06/13/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2682-5RA
Client ID: SC-3UUI-211
SDG: SE2682
Extracted by:
Extraction Method: SW846 5030
Analyst: DWM
Analysis Method: SW846 8260B
Lab Prep Batch: WG91902
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
Dichlorodifluoromethane	U	2	1.0	2	2
Chloromethane	U	2	1.0	2	2
Vinyl chloride	U	2	1.0	2	2
Bromomethane	U	2	1.0	2	2
Chloroethane	U	2	1.0	2	2
Trichlorofluoromethane	U	2	1.0	2	2
1,1-Dichloroethene	U	1	1.0	1	1
Methylene Chloride	U	5	1.0	5	5
trans-1,2-Dichloroethene	U	1	1.0	1	1
1,1-Dichloroethane	U	1	1.0	1	1
cis-1,2-Dichloroethene	U	1	1.0	1	1
1,2-Dichloroethylene (total)	U	2	1.0	2	2
2,2-Dichloropropane	U	1	1.0	1	1
Chloroform	U	1	1.0	1	1
Bromochloromethane	U	1	1.0	1	1
1,1,1-Trichloroethane	U	1	1.0	1	1
1,2-Dichloroethane	U	1	1.0	1	1
1,1-Dichloropropene	U	1	1.0	1	1
Carbon Tetrachloride	U	1	1.0	1	1
Benzene	U	1	1.0	1	1
1,2-Dichloropropane	U	1	1.0	1	1
Trichloroethene	U	1	1.0	1	1
Dibromomethane	U	1	1.0	1	1
Bromodichloromethane	U	1	1.0	1	1
cis-1,3-dichloropropene	U	1	1.0	1	1
Toluene	U	1	1.0	1	1
trans-1,3-Dichloropropene	U	1	1.0	1	1
1,1,2-Trichloroethane	U	1	1.0	1	1
1,3-Dichloropropane	U	1	1.0	1	1
Dibromochloromethane	U	1	1.0	1	1
Tetrachloroethene	U	1	1.0	1	1
1,2-Dibromoethane	U	1	1.0	1	1
Chlorobenzene	U	1	1.0	1	1
1,1,1,2-Tetrachloroethane	U	1	1.0	1	1
Ethylbenzene	U	1	1.0	1	1
Bromoform	U	1	1.0	1	1
Styrene	U	1	1.0	1	1
1,1,2,2-Tetrachloroethane	U	1	1.0	1	1
1,2,3-Trichloropropane	U	1	1.0	1	1
Isopropylbenzene	U	1	1.0	1	1
Bromobenzene	U	1	1.0	1	1
2-Chlorotoluene	U	1	1.0	1	1
N-Propylbenzene	U	1	1.0	1	1

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/13/11
Received Date: 05/13/11
Extraction Date:
Analysis Date: 23-MAY-2011 17:52
Report Date: 06/13/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2682-5RA
Client ID: SC-3UUI-211
SDG: SE2682
Extracted by:
Extraction Method: SW846 5030
Analyst: DWM
Analysis Method: SW846 8260B
Lab Prep Batch: WG91902
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
4-Chlorotoluene	U	1	1.0	1	1
1,3,5-Trimethylbenzene	U	1	1.0	1	1
tert-Butylbenzene	U	1	1.0	1	1
1,2,4-Trichlorobenzene	U	1	1.0	1	1
sec-Butylbenzene	U	1	1.0	1	1
1,3-Dichlorobenzene	U	1	1.0	1	1
P-Isopropyltoluene	U	1	1.0	1	1
1,4-Dichlorobenzene	U	1	1.0	1	1
1,2-Dichlorobenzene	U	1	1.0	1	1
N-Butylbenzene	U	1	1.0	1	1
1,2-Dibromo-3-Chloropropane	U	1	1.0	1	1
1,2,4-Trimethylbenzene	U	1	1.0	1	1
Naphthalene	U	1	1.0	1	1
Hexachlorobutadiene	U	1	1.0	1	1
1,2,3-Trichlorobenzene	U	1	1.0	1	1
Methyl tert-butyl ether	U	1	1.0	1	1
Acetone	U	5	1.0	5	5
2-Butanone	U	5	1.0	5	5
4-methyl-2-pentanone	U	5	1.0	5	5
2-Hexanone	U	5	1.0	5	5
m+p-Xylenes	U	2	1.0	2	2
o-Xylene	U	1	1.0	1	1
Xylenes (total)	U	3	1.0	3	3
1,3,5-Trichlorobenzene	U	1	1.0	1	1
Vinyl Acetate	U	1	1.0	1	1
Carbon Disulfide	U	1	1.0	1	1
Diethyl Ether	U	1	1.0	1	1
Tetrahydrofuran	U	5	1.0	5	5
Tertiary-amyl methyl ether	U	1	1.0	1	1
Ethyl tertiary-butyl ether	U	1	1.0	1	1
Di-isopropyl ether	U	1	1.0	1	1
Tertiary-butyl alcohol	U	5	1.0	5	5
Dibromofluoromethane		82%			
1,2-Dichloroethane-D4		80%			
Toluene-D8		85%			
P-Bromofluorobenzene		84%			

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/11/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 20-MAY-2011 03:32
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2610-21
Client ID: SC-5US-211
SDG: SE2610
Extracted by:
Extraction Method: SW846 5030
Analyst: DJP
Analysis Method: SW846 8260B
Lab Prep Batch: WG91779
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
Dichlorodifluoromethane	U	2	1.0	2	2
Chloromethane	U	1	1.0	1	1
Vinyl chloride	U	1	1.0	1	1
Bromomethane	U	1	1.0	1	1
Chloroethane	U	1	1.0	1	1
Trichlorofluoromethane	U	2	1.0	2	2
1,1-Dichloroethene	U	1	1.0	1	1
Methylene Chloride	U	5	1.0	5	5
trans-1,2-Dichloroethene	U	1	1.0	1	1
1,1-Dichloroethane	U	1	1.0	1	1
cis-1,2-Dichloroethene		2	1.0	1	1
1,2-Dichloroethylene (total)		2	1.0	1	1
2,2-Dichloropropane	U	1	1.0	1	1
Chloroform	U	1	1.0	1	1
Bromochloromethane	U	1	1.0	1	1
1,1,1-Trichloroethane	U	1	1.0	1	1
1,2-Dichloroethane	U	1	1.0	1	1
1,1-Dichloropropene	U	1	1.0	1	1
Carbon Tetrachloride	U	1	1.0	1	1
Benzene		9	1.0	1	1
1,2-Dichloropropane	U	1	1.0	1	1
Trichloroethene	U	1	1.0	1	1
Dibromomethane	U	1	1.0	1	1
Bromodichloromethane	U	1	1.0	1	1
cis-1,3-dichloropropene	U	1	1.0	1	1
Toluene	U	1	1.0	1	1
trans-1,3-Dichloropropene	U	1	1.0	1	1
1,1,2-Trichloroethane	U	1	1.0	1	1
1,3-Dichloropropane	U	1	1.0	1	1
Dibromochloromethane	U	1	1.0	1	1
Tetrachloroethene	U	1	1.0	1	1
1,2-Dibromoethane	U	1	1.0	1	1
Chlorobenzene		9	1.0	1	1
1,1,1,2-Tetrachloroethane	U	1	1.0	1	1
Ethylbenzene	U	1	1.0	1	1
Bromoform	U	1	1.0	1	1
Styrene	U	1	1.0	1	1
1,1,2,2-Tetrachloroethane	U	1	1.0	1	1
1,2,3-Trichloropropane	U	1	1.0	1	1
Isopropylbenzene		7	1.0	1	1
Bromobenzene	U	1	1.0	1	1
2-Chlorotoluene	U	1	1.0	1	1
N-Propylbenzene		2	1.0	1	1

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/11/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 20-MAY-2011 03:32
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2610-21
Client ID: SC-5US-211
SDG: SE2610
Extracted by:
Extraction Method: SW846 5030
Analyst: DJP
Analysis Method: SW846 8260B
Lab Prep Batch: WG91779
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
4-Chlorotoluene	U	1	1.0	1	1
1,3,5-Trimethylbenzene	U	1	1.0	1	1
tert-Butylbenzene	U	1	1.0	1	1
1,2,4-Trichlorobenzene	U	1	1.0	1	1
sec-Butylbenzene	U	1	1.0	1	1
1,3-Dichlorobenzene	U	1	1.0	1	1
P-Isopropyltoluene	U	1	1.0	1	1
1,4-Dichlorobenzene		3	1.0	1	1
1,2-Dichlorobenzene	U	1	1.0	1	1
N-Butylbenzene	U	1	1.0	1	1
1,2-Dibromo-3-Chloropropane	U	1	1.0	1	1
1,2,4-Trimethylbenzene	U	1	1.0	1	1
Naphthalene		3	1.0	1	1
Hexachlorobutadiene	U	1	1.0	1	1
1,2,3-Trichlorobenzene	U	1	1.0	1	1
Methyl tert-butyl ether	U	1	1.0	1	1
Acetone	U	5	1.0	5	5
2-Butanone	U	5	1.0	5	5
4-methyl-2-pentanone	U	5	1.0	5	5
2-Hexanone	U	5	1.0	5	5
m+p-Xylenes	U	2	1.0	2	2
o-Xylene	U	1	1.0	1	1
Xylenes (total)	U	3	1.0	3	3
1,3,5-Trichlorobenzene	U	1	1.0	1	1
Vinyl Acetate	U	1	1.0	1	1
Carbon Disulfide	U	1	1.0	1	1
Diethyl Ether	U	1	1.0	1	1
Tetrahydrofuran	U	5	1.0	5	5
Tertiary-amyl methyl ether	U	1	1.0	1	1
Ethyl tertiary-butyl ether	U	1	1.0	1	1
Di-isopropyl ether	U	1	1.0	1	1
Tertiary-butyl alcohol	U	5	1.0	5	5
P-Bromofluorobenzene		88%			
Toluene-D8		99%			
1,2-Dichloroethane-D4		86%			
Dibromofluoromethane		106%			

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/11/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 20-MAY-2011 02:26
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2610-17
Client ID: SC-10UUI-211
SDG: SE2610
Extracted by:
Extraction Method: SW846 5030
Analyst: DJP
Analysis Method: SW846 8260B
Lab Prep Batch: WG91779
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
Dichlorodifluoromethane	U	2	1.0	2	2
Chloromethane	U	1	1.0	1	1
Vinyl chloride		2	1.0	1	1
Bromomethane	U	1	1.0	1	1
Chloroethane	U	1	1.0	1	1
Trichlorofluoromethane	U	2	1.0	2	2
1,1-Dichloroethene	U	1	1.0	1	1
Methylene Chloride	U	5	1.0	5	5
trans-1,2-Dichloroethene	U	1	1.0	1	1
1,1-Dichloroethane	U	1	1.0	1	1
cis-1,2-Dichloroethene		11	1.0	1	1
1,2-Dichloroethylene (total)		11	1.0	1	1
2,2-Dichloropropane	U	1	1.0	1	1
Chloroform	U	1	1.0	1	1
Bromochloromethane	U	1	1.0	1	1
1,1,1-Trichloroethane	U	1	1.0	1	1
1,2-Dichloroethane	U	1	1.0	1	1
1,1-Dichloropropene	U	1	1.0	1	1
Carbon Tetrachloride	U	1	1.0	1	1
Benzene		50	1.0	1	1
1,2-Dichloropropane	U	1	1.0	1	1
Trichloroethene	U	1	1.0	1	1
Dibromomethane	U	1	1.0	1	1
Bromodichloromethane	U	1	1.0	1	1
cis-1,3-dichloropropene	U	1	1.0	1	1
Toluene		2	1.0	1	1
trans-1,3-Dichloropropene	U	1	1.0	1	1
1,1,2-Trichloroethane	U	1	1.0	1	1
1,3-Dichloropropane	U	1	1.0	1	1
Dibromochloromethane	U	1	1.0	1	1
Tetrachloroethene	U	1	1.0	1	1
1,2-Dibromoethane	U	1	1.0	1	1
Chlorobenzene		21	1.0	1	1
1,1,1,2-Tetrachloroethane	U	1	1.0	1	1
Ethylbenzene	U	1	1.0	1	1
Bromoform	U	1	1.0	1	1
Styrene	U	1	1.0	1	1
1,1,2,2-Tetrachloroethane	U	1	1.0	1	1
1,2,3-Trichloropropane	U	1	1.0	1	1
Isopropylbenzene		29	1.0	1	1
Bromobenzene	U	1	1.0	1	1
2-Chlorotoluene	U	1	1.0	1	1
N-Propylbenzene		8	1.0	1	1

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/11/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 20-MAY-2011 02:26
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2610-17
Client ID: SC-10UUI-211
SDG: SE2610
Extracted by:
Extraction Method: SW846 5030
Analyst: DJP
Analysis Method: SW846 8260B
Lab Prep Batch: WG91779
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
4-Chlorotoluene	U	1	1.0	1	1
1,3,5-Trimethylbenzene		13	1.0	1	1
tert-Butylbenzene	U	1	1.0	1	1
1,2,4-Trichlorobenzene	U	1	1.0	1	1
sec-Butylbenzene	U	1	1.0	1	1
1,3-Dichlorobenzene	U	1	1.0	1	1
P-Isopropyltoluene		2	1.0	1	1
1,4-Dichlorobenzene		5	1.0	1	1
1,2-Dichlorobenzene		5	1.0	1	1
N-Butylbenzene	U	1	1.0	1	1
1,2-Dibromo-3-Chloropropane	U	1	1.0	1	1
1,2,4-Trimethylbenzene		36	1.0	1	1
Naphthalene		14	1.0	1	1
Hexachlorobutadiene	U	1	1.0	1	1
1,2,3-Trichlorobenzene	U	1	1.0	1	1
Methyl tert-butyl ether	U	1	1.0	1	1
Acetone		14	1.0	5	5
2-Butanone	U	5	1.0	5	5
4-methyl-2-pentanone	U	5	1.0	5	5
2-Hexanone	U	5	1.0	5	5
m+p-Xylenes		230	1.0	2	2
o-Xylene		4	1.0	1	1
Xylenes (total)		240	1.0	3	3
1,3,5-Trichlorobenzene	U	1	1.0	1	1
Vinyl Acetate	U	1	1.0	1	1
Carbon Disulfide	U	1	1.0	1	1
Diethyl Ether		31	1.0	1	1
Tetrahydrofuran	E	1100	1.0	5	5
Tertiary-amyl methyl ether	U	1	1.0	1	1
Ethyl tertiary-butyl ether	U	1	1.0	1	1
Di-isopropyl ether		2	1.0	1	1
Tertiary-butyl alcohol		27	1.0	5	5
P-Bromofluorobenzene		78%			
Toluene-D8		97%			
1,2-Dichloroethane-D4		83%			
Dibromofluoromethane		95%			

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/11/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 09-JUN-2011 18:41
Report Date: 06/14/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2610-17DL
Client ID: SC-10UUI-211
SDG: SE2610
Extracted by:
Extraction Method: SW846 5030
Analyst: DWM
Analysis Method: SW846 8260B
Lab Prep Batch: WG92654
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
Dichlorodifluoromethane	U	4	2.0	2	4
Chloromethane	U	2	2.0	1	2
Vinyl chloride	U	2	2.0	1	2
Bromomethane	U	2	2.0	1	2
Chloroethane	U	2	2.0	1	2
Trichlorofluoromethane	U	4	2.0	2	4
1,1-Dichloroethene	U	2	2.0	1	2
Methylene Chloride	U	10	2.0	5	10
trans-1,2-Dichloroethene	U	2	2.0	1	2
1,1-Dichloroethane	U	2	2.0	1	2
cis-1,2-Dichloroethene	U	2	2.0	1	2
1,2-Dichloroethylene (total)	U	2	2.0	1	2
2,2-Dichloropropane	U	2	2.0	1	2
Chloroform	U	2	2.0	1	2
Bromochloromethane	U	2	2.0	1	2
1,1,1-Trichloroethane	U	2	2.0	1	2
1,2-Dichloroethane	U	2	2.0	1	2
1,1-Dichloropropene	U	2	2.0	1	2
Carbon Tetrachloride	U	2	2.0	1	2
Benzene		43	2.0	1	2
1,2-Dichloropropane	U	2	2.0	1	2
Trichloroethene	U	2	2.0	1	2
Dibromomethane	U	2	2.0	1	2
Bromodichloromethane	U	2	2.0	1	2
cis-1,3-dichloropropene	U	2	2.0	1	2
Toluene		2	2.0	1	2
trans-1,3-Dichloropropene	U	2	2.0	1	2
1,1,2-Trichloroethane	U	2	2.0	1	2
1,3-Dichloropropane	U	2	2.0	1	2
Dibromochloromethane	U	2	2.0	1	2
Tetrachloroethene	U	2	2.0	1	2
1,2-Dibromoethane	U	2	2.0	1	2
Chlorobenzene		21	2.0	1	2
1,1,1,2-Tetrachloroethane	U	2	2.0	1	2
Ethylbenzene	U	2	2.0	1	2
Bromoform	U	2	2.0	1	2
Styrene	U	2	2.0	1	2
1,1,2,2-Tetrachloroethane	U	2	2.0	1	2
1,2,3-Trichloropropane	U	2	2.0	1	2
Isopropylbenzene		26	2.0	1	2
Bromobenzene	U	2	2.0	1	2
2-Chlorotoluene	U	2	2.0	1	2
N-Propylbenzene		6	2.0	1	2

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/11/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 09-JUN-2011 18:41
Report Date: 06/14/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2610-17DL
Client ID: SC-10UUI-211
SDG: SE2610
Extracted by:
Extraction Method: SW846 5030
Analyst: DWM
Analysis Method: SW846 8260B
Lab Prep Batch: WG92654
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
4-Chlorotoluene	U	2	2.0	1	2
1,3,5-Trimethylbenzene		12	2.0	1	2
tert-Butylbenzene	U	2	2.0	1	2
1,2,4-Trichlorobenzene	U	2	2.0	1	2
sec-Butylbenzene	U	2	2.0	1	2
1,3-Dichlorobenzene	U	2	2.0	1	2
P-Isopropyltoluene	U	2	2.0	1	2
1,4-Dichlorobenzene	U	2	2.0	1	2
1,2-Dichlorobenzene		5	2.0	1	2
N-Butylbenzene	U	2	2.0	1	2
1,2-Dibromo-3-Chloropropane	U	2	2.0	1	2
1,2,4-Trimethylbenzene		40	2.0	1	2
Naphthalene		16	2.0	1	2
Hexachlorobutadiene	U	2	2.0	1	2
1,2,3-Trichlorobenzene	U	2	2.0	1	2
Methyl tert-butyl ether	U	2	2.0	1	2
Acetone		17	2.0	5	10
2-Butanone	U	10	2.0	5	10
4-methyl-2-pentanone	U	10	2.0	5	10
2-Hexanone	U	10	2.0	5	10
m+p-Xylenes		400	2.0	2	4
o-Xylene		4	2.0	1	2
Xylenes (total)		400	2.0	3	6
1,3,5-Trichlorobenzene	U	2	2.0	1	2
Vinyl Acetate	U	2	2.0	1	2
Carbon Disulfide	U	2	2.0	1	2
Diethyl Ether		33	2.0	1	2
Tetrahydrofuran		990	2.0	5	10
Tertiary-amyl methyl ether	U	2	2.0	1	2
Ethyl tertiary-butyl ether	U	2	2.0	1	2
Di-isopropyl ether	U	2	2.0	1	2
Tertiary-butyl alcohol	U	10	2.0	5	10
P-Bromofluorobenzene		105%			
Toluene-D8		103%			
1,2-Dichloroethane-D4		113%			
Dibromofluoromethane		105%			

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/11/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 20-MAY-2011 02:59
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2610-19
Client ID: SC-10LUI-211
SDG: SE2610
Extracted by:
Extraction Method: SW846 5030
Analyst: DJP
Analysis Method: SW846 8260B
Lab Prep Batch: WG91779
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
Dichlorodifluoromethane	U	2	1.0	2	2
Chloromethane	U	1	1.0	1	1
Vinyl chloride	U	1	1.0	1	1
Bromomethane	U	1	1.0	1	1
Chloroethane	U	1	1.0	1	1
Trichlorofluoromethane	U	2	1.0	2	2
1,1-Dichloroethene	U	1	1.0	1	1
Methylene Chloride	U	5	1.0	5	5
trans-1,2-Dichloroethene	U	1	1.0	1	1
1,1-Dichloroethane	U	1	1.0	1	1
cis-1,2-Dichloroethene		3	1.0	1	1
1,2-Dichloroethylene (total)		4	1.0	1	1
2,2-Dichloropropane	U	1	1.0	1	1
Chloroform	U	1	1.0	1	1
Bromochloromethane	U	1	1.0	1	1
1,1,1-Trichloroethane	U	1	1.0	1	1
1,2-Dichloroethane		2	1.0	1	1
1,1-Dichloropropene	U	1	1.0	1	1
Carbon Tetrachloride	U	1	1.0	1	1
Benzene		3	1.0	1	1
1,2-Dichloropropane	U	1	1.0	1	1
Trichloroethene	U	1	1.0	1	1
Dibromomethane	U	1	1.0	1	1
Bromodichloromethane	U	1	1.0	1	1
cis-1,3-dichloropropene	U	1	1.0	1	1
Toluene		1	1.0	1	1
trans-1,3-Dichloropropene	U	1	1.0	1	1
1,1,2-Trichloroethane	U	1	1.0	1	1
1,3-Dichloropropane	U	1	1.0	1	1
Dibromochloromethane	U	1	1.0	1	1
Tetrachloroethene	U	1	1.0	1	1
1,2-Dibromoethane	U	1	1.0	1	1
Chlorobenzene	U	1	1.0	1	1
1,1,1,2-Tetrachloroethane	U	1	1.0	1	1
Ethylbenzene	U	1	1.0	1	1
Bromoform	U	1	1.0	1	1
Styrene	U	1	1.0	1	1
1,1,2,2-Tetrachloroethane	U	1	1.0	1	1
1,2,3-Trichloropropane	U	1	1.0	1	1
Isopropylbenzene		5	1.0	1	1
Bromobenzene	U	1	1.0	1	1
2-Chlorotoluene	U	1	1.0	1	1
N-Propylbenzene	U	1	1.0	1	1

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/11/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 20-MAY-2011 02:59
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2610-19
Client ID: SC-10LUI-211
SDG: SE2610
Extracted by:
Extraction Method: SW846 5030
Analyst: DJP
Analysis Method: SW846 8260B
Lab Prep Batch: WG91779
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
4-Chlorotoluene	U	1	1.0	1	1
1,3,5-Trimethylbenzene	U	1	1.0	1	1
tert-Butylbenzene	U	1	1.0	1	1
1,2,4-Trichlorobenzene	U	1	1.0	1	1
sec-Butylbenzene	U	1	1.0	1	1
1,3-Dichlorobenzene	U	1	1.0	1	1
P-Isopropyltoluene	U	1	1.0	1	1
1,4-Dichlorobenzene	U	1	1.0	1	1
1,2-Dichlorobenzene	U	1	1.0	1	1
N-Butylbenzene	U	1	1.0	1	1
1,2-Dibromo-3-Chloropropane	U	1	1.0	1	1
1,2,4-Trimethylbenzene	U	1	1.0	1	1
Naphthalene	U	1	1.0	1	1
Hexachlorobutadiene	U	1	1.0	1	1
1,2,3-Trichlorobenzene	U	1	1.0	1	1
Methyl tert-butyl ether	U	1	1.0	1	1
Acetone	U	5	1.0	5	5
2-Butanone	U	5	1.0	5	5
4-methyl-2-pentanone	U	5	1.0	5	5
2-Hexanone	U	5	1.0	5	5
m+p-Xylenes		42	1.0	2	2
o-Xylene		1	1.0	1	1
Xylenes (total)		43	1.0	3	3
1,3,5-Trichlorobenzene	U	1	1.0	1	1
Vinyl Acetate	U	1	1.0	1	1
Carbon Disulfide	U	1	1.0	1	1
Diethyl Ether		14	1.0	1	1
Tetrahydrofuran		290	1.0	5	5
Tertiary-amyl methyl ether	U	1	1.0	1	1
Ethyl tertiary-butyl ether	U	1	1.0	1	1
Di-isopropyl ether	U	1	1.0	1	1
Tertiary-butyl alcohol	U	5	1.0	5	5
P-Bromofluorobenzene		85%			
Toluene-D8		95%			
1,2-Dichloroethane-D4		84%			
Dibromofluoromethane		97%			

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/06/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 18-MAY-2011 13:16
Report Date: 06/06/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2517-1
Client ID: SW-1-211
SDG: SE2517
Extracted by:
Extraction Method: SW846 5030
Analyst: TTC
Analysis Method: SW846 8260B
Lab Prep Batch: WG91701
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
Dichlorodifluoromethane	U	2	1.0	2	2
Chloromethane	U	1	1.0	1	1
Vinyl chloride	U	1	1.0	1	1
Bromomethane	U	1	1.0	1	1
Chloroethane	U	1	1.0	1	1
Trichlorofluoromethane	U	2	1.0	2	2
1,1-Dichloroethene	U	1	1.0	1	1
Methylene Chloride	U	5	1.0	5	5
trans-1,2-Dichloroethene	U	1	1.0	1	1
1,1-Dichloroethane	U	1	1.0	1	1
cis-1,2-Dichloroethene	U	1	1.0	1	1
1,2-Dichloroethylene (total)	U	1	1.0	1	1
2,2-Dichloropropane	U	1	1.0	1	1
Chloroform	U	1	1.0	1	1
Bromochloromethane	U	1	1.0	1	1
1,1,1-Trichloroethane	U	1	1.0	1	1
1,2-Dichloroethane	U	1	1.0	1	1
1,1-Dichloropropene	U	1	1.0	1	1
Carbon Tetrachloride	U	1	1.0	1	1
Benzene	U	1	1.0	1	1
1,2-Dichloropropane	U	1	1.0	1	1
Trichloroethene	U	1	1.0	1	1
Dibromomethane	U	1	1.0	1	1
Bromodichloromethane	U	1	1.0	1	1
cis-1,3-dichloropropene	U	1	1.0	1	1
Toluene	U	1	1.0	1	1
trans-1,3-Dichloropropene	U	1	1.0	1	1
1,1,2-Trichloroethane	U	1	1.0	1	1
1,3-Dichloropropane	U	1	1.0	1	1
Dibromochloromethane	U	1	1.0	1	1
Tetrachloroethene	U	1	1.0	1	1
1,2-Dibromoethane	U	1	1.0	1	1
Chlorobenzene	U	1	1.0	1	1
1,1,1,2-Tetrachloroethane	U	1	1.0	1	1
Ethylbenzene	U	1	1.0	1	1
Bromoform	U	1	1.0	1	1
Styrene	U	1	1.0	1	1
1,1,2,2-Tetrachloroethane	U	1	1.0	1	1
1,2,3-Trichloropropane	U	1	1.0	1	1
Isopropylbenzene	U	1	1.0	1	1
Bromobenzene	U	1	1.0	1	1
2-Chlorotoluene	U	1	1.0	1	1
N-Propylbenzene	U	1	1.0	1	1

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/06/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 18-MAY-2011 13:16
Report Date: 06/06/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2517-1
Client ID: SW-1-211
SDG: SE2517
Extracted by:
Extraction Method: SW846 5030
Analyst: TTC
Analysis Method: SW846 8260B
Lab Prep Batch: WG91701
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
4-Chlorotoluene	U	1	1.0	1	1
1,3,5-Trimethylbenzene	U	1	1.0	1	1
tert-Butylbenzene	U	1	1.0	1	1
1,2,4-Trichlorobenzene	U	1	1.0	1	1
sec-Butylbenzene	U	1	1.0	1	1
1,3-Dichlorobenzene	U	1	1.0	1	1
P-Isopropyltoluene	U	1	1.0	1	1
1,4-Dichlorobenzene	U	1	1.0	1	1
1,2-Dichlorobenzene	U	1	1.0	1	1
N-Butylbenzene	U	1	1.0	1	1
1,2-Dibromo-3-Chloropropane	U	1	1.0	1	1
1,2,4-Trimethylbenzene	U	1	1.0	1	1
Naphthalene	U	1	1.0	1	1
Hexachlorobutadiene	U	1	1.0	1	1
1,2,3-Trichlorobenzene	U	1	1.0	1	1
Methyl tert-butyl ether	U	1	1.0	1	1
Acetone	U	5	1.0	5	5
2-Butanone	U	5	1.0	5	5
4-methyl-2-pentanone	U	5	1.0	5	5
2-Hexanone	U	5	1.0	5	5
m+p-Xylenes	U	2	1.0	2	2
o-Xylene	U	1	1.0	1	1
Xylenes (total)	U	3	1.0	3	3
1,3,5-Trichlorobenzene	U	1	1.0	1	1
Vinyl Acetate	U	1	1.0	1	1
Carbon Disulfide	U	1	1.0	1	1
Diethyl Ether	U	1	1.0	1	1
Tetrahydrofuran	U	5	1.0	5	5
Tertiary-amyl methyl ether	U	1	1.0	1	1
Ethyl tertiary-butyl ether	U	1	1.0	1	1
Di-isopropyl ether	U	1	1.0	1	1
Tertiary-butyl alcohol	U	5	1.0	5	5
P-Bromofluorobenzene		75%			
Toluene-D8		84%			
1,2-Dichloroethane-D4		78%			
Dibromofluoromethane		90%			

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/06/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 18-MAY-2011 13:49
Report Date: 06/06/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2517-3
Client ID: SW-3-211
SDG: SE2517
Extracted by:
Extraction Method: SW846 5030
Analyst: TTC
Analysis Method: SW846 8260B
Lab Prep Batch: WG91701
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
Dichlorodifluoromethane	U	2	1.0	2	2
Chloromethane	U	1	1.0	1	1
Vinyl chloride	U	1	1.0	1	1
Bromomethane	U	1	1.0	1	1
Chloroethane	U	1	1.0	1	1
Trichlorofluoromethane	U	2	1.0	2	2
1,1-Dichloroethene	U	1	1.0	1	1
Methylene Chloride	U	5	1.0	5	5
trans-1,2-Dichloroethene	U	1	1.0	1	1
1,1-Dichloroethane	U	1	1.0	1	1
cis-1,2-Dichloroethene	U	1	1.0	1	1
1,2-Dichloroethylene (total)	U	1	1.0	1	1
2,2-Dichloropropane	U	1	1.0	1	1
Chloroform	U	1	1.0	1	1
Bromochloromethane	U	1	1.0	1	1
1,1,1-Trichloroethane	U	1	1.0	1	1
1,2-Dichloroethane	U	1	1.0	1	1
1,1-Dichloropropene	U	1	1.0	1	1
Carbon Tetrachloride	U	1	1.0	1	1
Benzene	U	1	1.0	1	1
1,2-Dichloropropane	U	1	1.0	1	1
Trichloroethene	U	1	1.0	1	1
Dibromomethane	U	1	1.0	1	1
Bromodichloromethane	U	1	1.0	1	1
cis-1,3-dichloropropene	U	1	1.0	1	1
Toluene	U	1	1.0	1	1
trans-1,3-Dichloropropene	U	1	1.0	1	1
1,1,2-Trichloroethane	U	1	1.0	1	1
1,3-Dichloropropane	U	1	1.0	1	1
Dibromochloromethane	U	1	1.0	1	1
Tetrachloroethene	U	1	1.0	1	1
1,2-Dibromoethane	U	1	1.0	1	1
Chlorobenzene	U	1	1.0	1	1
1,1,1,2-Tetrachloroethane	U	1	1.0	1	1
Ethylbenzene	U	1	1.0	1	1
Bromoform	U	1	1.0	1	1
Styrene	U	1	1.0	1	1
1,1,2,2-Tetrachloroethane	U	1	1.0	1	1
1,2,3-Trichloropropane	U	1	1.0	1	1
Isopropylbenzene	U	1	1.0	1	1
Bromobenzene	U	1	1.0	1	1
2-Chlorotoluene	U	1	1.0	1	1
N-Propylbenzene	U	1	1.0	1	1

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/06/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 18-MAY-2011 13:49
Report Date: 06/06/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2517-3
Client ID: SW-3-211
SDG: SE2517
Extracted by:
Extraction Method: SW846 5030
Analyst: TTC
Analysis Method: SW846 8260B
Lab Prep Batch: WG91701
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
4-Chlorotoluene	U	1	1.0	1	1
1,3,5-Trimethylbenzene	U	1	1.0	1	1
tert-Butylbenzene	U	1	1.0	1	1
1,2,4-Trichlorobenzene	U	1	1.0	1	1
sec-Butylbenzene	U	1	1.0	1	1
1,3-Dichlorobenzene	U	1	1.0	1	1
P-Isopropyltoluene	U	1	1.0	1	1
1,4-Dichlorobenzene	U	1	1.0	1	1
1,2-Dichlorobenzene	U	1	1.0	1	1
N-Butylbenzene	U	1	1.0	1	1
1,2-Dibromo-3-Chloropropane	U	1	1.0	1	1
1,2,4-Trimethylbenzene	U	1	1.0	1	1
Naphthalene	U	1	1.0	1	1
Hexachlorobutadiene	U	1	1.0	1	1
1,2,3-Trichlorobenzene	U	1	1.0	1	1
Methyl tert-butyl ether	U	1	1.0	1	1
Acetone	U	5	1.0	5	5
2-Butanone	U	5	1.0	5	5
4-methyl-2-pentanone	U	5	1.0	5	5
2-Hexanone	U	5	1.0	5	5
m+p-Xylenes	U	2	1.0	2	2
o-Xylene	U	1	1.0	1	1
Xylenes (total)	U	3	1.0	3	3
1,3,5-Trichlorobenzene	U	1	1.0	1	1
Vinyl Acetate	U	1	1.0	1	1
Carbon Disulfide	U	1	1.0	1	1
Diethyl Ether	U	1	1.0	1	1
Tetrahydrofuran	U	5	1.0	5	5
Tertiary-amyl methyl ether	U	1	1.0	1	1
Ethyl tertiary-butyl ether	U	1	1.0	1	1
Di-isopropyl ether	U	1	1.0	1	1
Tertiary-butyl alcohol	U	5	1.0	5	5
P-Bromofluorobenzene		80%			
Toluene-D8		87%			
1,2-Dichloroethane-D4		79%			
Dibromofluoromethane		92%			

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/06/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 18-MAY-2011 14:21
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2517-5
Client ID: SW-E-211
SDG: SE2517
Extracted by:
Extraction Method: SW846 5030
Analyst: TTC
Analysis Method: SW846 8260B
Lab Prep Batch: WG91701
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
Dichlorodifluoromethane	U	2	1.0	2	2
Chloromethane	U	1	1.0	1	1
Vinyl chloride		200	1.0	1	1
Bromomethane	U	1	1.0	1	1
Chloroethane	U	1	1.0	1	1
Trichlorofluoromethane	U	2	1.0	2	2
1,1-Dichloroethene		2	1.0	1	1
Methylene Chloride	U	5	1.0	5	5
trans-1,2-Dichloroethene		3	1.0	1	1
1,1-Dichloroethane		14	1.0	1	1
cis-1,2-Dichloroethene	E	580	1.0	1	1
1,2-Dichloroethylene (total)	E	590	1.0	1	1
2,2-Dichloropropane	U	1	1.0	1	1
Chloroform	U	1	1.0	1	1
Bromochloromethane	U	1	1.0	1	1
1,1,1-Trichloroethane		14	1.0	1	1
1,2-Dichloroethane	U	1	1.0	1	1
1,1-Dichloropropene	U	1	1.0	1	1
Carbon Tetrachloride	U	1	1.0	1	1
Benzene		1	1.0	1	1
1,2-Dichloropropane	U	1	1.0	1	1
Trichloroethene		9	1.0	1	1
Dibromomethane	U	1	1.0	1	1
Bromodichloromethane	U	1	1.0	1	1
cis-1,3-dichloropropene	U	1	1.0	1	1
Toluene		73	1.0	1	1
trans-1,3-Dichloropropene	U	1	1.0	1	1
1,1,2-Trichloroethane	U	1	1.0	1	1
1,3-Dichloropropane	U	1	1.0	1	1
Dibromochloromethane	U	1	1.0	1	1
Tetrachloroethene		1	1.0	1	1
1,2-Dibromoethane	U	1	1.0	1	1
Chlorobenzene	U	1	1.0	1	1
1,1,1,2-Tetrachloroethane	U	1	1.0	1	1
Ethylbenzene		10	1.0	1	1
Bromoform	U	1	1.0	1	1
Styrene	U	1	1.0	1	1
1,1,2,2-Tetrachloroethane	U	1	1.0	1	1
1,2,3-Trichloropropane	U	1	1.0	1	1
Isopropylbenzene		1	1.0	1	1
Bromobenzene	U	1	1.0	1	1
2-Chlorotoluene	U	1	1.0	1	1
N-Propylbenzene		2	1.0	1	1

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/06/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 18-MAY-2011 14:21
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2517-5
Client ID: SW-E-211
SDG: SE2517
Extracted by:
Extraction Method: SW846 5030
Analyst: TTC
Analysis Method: SW846 8260B
Lab Prep Batch: WG91701
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
4-Chlorotoluene	U	1	1.0	1	1
1,3,5-Trimethylbenzene		2	1.0	1	1
tert-Butylbenzene	U	1	1.0	1	1
1,2,4-Trichlorobenzene	U	1	1.0	1	1
sec-Butylbenzene	U	1	1.0	1	1
1,3-Dichlorobenzene	U	1	1.0	1	1
P-Isopropyltoluene	U	1	1.0	1	1
1,4-Dichlorobenzene	U	1	1.0	1	1
1,2-Dichlorobenzene	U	1	1.0	1	1
N-Butylbenzene	U	1	1.0	1	1
1,2-Dibromo-3-Chloropropane	U	1	1.0	1	1
1,2,4-Trimethylbenzene		7	1.0	1	1
Naphthalene		3	1.0	1	1
Hexachlorobutadiene	U	1	1.0	1	1
1,2,3-Trichlorobenzene	U	1	1.0	1	1
Methyl tert-butyl ether	U	1	1.0	1	1
Acetone		16	1.0	5	5
2-Butanone		33	1.0	5	5
4-methyl-2-pentanone		22	1.0	5	5
2-Hexanone	U	5	1.0	5	5
m+p-Xylenes		30	1.0	2	2
o-Xylene		15	1.0	1	1
Xylenes (total)		45	1.0	3	3
1,3,5-Trichlorobenzene	U	1	1.0	1	1
Vinyl Acetate	U	1	1.0	1	1
Carbon Disulfide	U	1	1.0	1	1
Diethyl Ether	U	1	1.0	1	1
Tetrahydrofuran	U	5	1.0	5	5
Tertiary-amyl methyl ether	U	1	1.0	1	1
Ethyl tertiary-butyl ether	U	1	1.0	1	1
Di-isopropyl ether	U	1	1.0	1	1
Tertiary-butyl alcohol	U	5	1.0	5	5
P-Bromofluorobenzene		66%			
Toluene-D8		74%			
1,2-Dichloroethane-D4		79%			
Dibromofluoromethane		87%			

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/06/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 18-MAY-2011 22:23
Report Date: 06/06/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2517-5DL
Client ID: SW-E-211
SDG: SE2517
Extracted by:
Extraction Method: SW846 5030
Analyst: DJP
Analysis Method: SW846 8260B
Lab Prep Batch: WG91716
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
Dichlorodifluoromethane	U	10	5.0	2	10
Chloromethane	U	5	5.0	1	5
Vinyl chloride		170	5.0	1	5
Bromomethane	U	5	5.0	1	5
Chloroethane	U	5	5.0	1	5
Trichlorofluoromethane	U	10	5.0	2	10
1,1-Dichloroethene	U	5	5.0	1	5
Methylene Chloride	U	25	5.0	5	25
trans-1,2-Dichloroethene	U	5	5.0	1	5
1,1-Dichloroethane		12	5.0	1	5
cis-1,2-Dichloroethene		720	5.0	1	5
1,2-Dichloroethylene (total)		720	5.0	1	5
2,2-Dichloropropane	U	5	5.0	1	5
Chloroform	U	5	5.0	1	5
Bromochloromethane	U	5	5.0	1	5
1,1,1-Trichloroethane		12	5.0	1	5
1,2-Dichloroethane	U	5	5.0	1	5
1,1-Dichloropropene	U	5	5.0	1	5
Carbon Tetrachloride	U	5	5.0	1	5
Benzene	U	5	5.0	1	5
1,2-Dichloropropane	U	5	5.0	1	5
Trichloroethene		8	5.0	1	5
Dibromomethane	U	5	5.0	1	5
Bromodichloromethane	U	5	5.0	1	5
cis-1,3-dichloropropene	U	5	5.0	1	5
Toluene		89	5.0	1	5
trans-1,3-Dichloropropene	U	5	5.0	1	5
1,1,2-Trichloroethane	U	5	5.0	1	5
1,3-Dichloropropane	U	5	5.0	1	5
Dibromochloromethane	U	5	5.0	1	5
Tetrachloroethene	U	5	5.0	1	5
1,2-Dibromoethane	U	5	5.0	1	5
Chlorobenzene	U	5	5.0	1	5
1,1,1,2-Tetrachloroethane	U	5	5.0	1	5
Ethylbenzene		10	5.0	1	5
Bromoform	U	5	5.0	1	5
Styrene	U	5	5.0	1	5
1,1,2,2-Tetrachloroethane	U	5	5.0	1	5
1,2,3-Trichloropropane	U	5	5.0	1	5
Isopropylbenzene	U	5	5.0	1	5
Bromobenzene	U	5	5.0	1	5
2-Chlorotoluene	U	5	5.0	1	5
N-Propylbenzene	U	5	5.0	1	5

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/06/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 18-MAY-2011 22:23
Report Date: 06/06/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2517-5DL
Client ID: SW-E-211
SDG: SE2517
Extracted by:
Extraction Method: SW846 5030
Analyst: DJP
Analysis Method: SW846 8260B
Lab Prep Batch: WG91716
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
4-Chlorotoluene	U	5	5.0	1	5
1,3,5-Trimethylbenzene	U	5	5.0	1	5
tert-Butylbenzene	U	5	5.0	1	5
1,2,4-Trichlorobenzene	U	5	5.0	1	5
sec-Butylbenzene	U	5	5.0	1	5
1,3-Dichlorobenzene	U	5	5.0	1	5
P-Isopropyltoluene	U	5	5.0	1	5
1,4-Dichlorobenzene	U	5	5.0	1	5
1,2-Dichlorobenzene	U	5	5.0	1	5
N-Butylbenzene	U	5	5.0	1	5
1,2-Dibromo-3-Chloropropane	U	5	5.0	1	5
1,2,4-Trimethylbenzene		7	5.0	1	5
Naphthalene	U	5	5.0	1	5
Hexachlorobutadiene	U	5	5.0	1	5
1,2,3-Trichlorobenzene	U	5	5.0	1	5
Methyl tert-butyl ether	U	5	5.0	1	5
Acetone	U	25	5.0	5	25
2-Butanone		32	5.0	5	25
4-methyl-2-pentanone		25	5.0	5	25
2-Hexanone	U	25	5.0	5	25
m+p-Xylenes		29	5.0	2	10
o-Xylene		14	5.0	1	5
Xylenes (total)		43	5.0	3	15
1,3,5-Trichlorobenzene	U	5	5.0	1	5
Vinyl Acetate	U	5	5.0	1	5
Carbon Disulfide	U	5	5.0	1	5
Diethyl Ether	U	5	5.0	1	5
Tetrahydrofuran	U	25	5.0	5	25
Tertiary-amyl methyl ether	U	5	5.0	1	5
Ethyl tertiary-butyl ether	U	5	5.0	1	5
Di-isopropyl ether	U	5	5.0	1	5
Tertiary-butyl alcohol	U	25	5.0	5	25
P-Bromofluorobenzene		96%			
Toluene-D8		104%			
1,2-Dichloroethane-D4		96%			
Dibromofluoromethane		110%			

APPENDIX B-2

INORGANIC COMPOUNDS TOTAL IRON, ARSENIC, AND MANGANESE

Katahdin ANALYTICAL SERVICES

REPORT OF ANALYTICAL RESULTS

Client: Ross Bennett
Golder Associates, Inc.
670 North Commercial Street
Suite 103
Manchester, NH 03101

Lab Sample ID: SE2717-001
Report Date: 6/6/2011
PO No.:
Project: Dover Landfill May 2011

Sample Description	Matrix	Filtered	Date Sampled	Date Received
B-7L-211	AQ	No(Total)	05/13/2011	05/17/2011

Parameter	Result	Units	Adjusted PQL	Dilution Factor	PQL	Analytical Method	Analysis Date	By	Prep Method	Prepped Date	By	QC	Notes
ARSENIC	0.044	mg/L	0.008	1	0.008	SW846 6010	5/27/11	EAM	SW846 3010	5/27/11	NAT	BE27ICW2	
IRON	0.299	mg/L	0.100	1	0.1	SW846 6010	5/27/11	EAM	SW846 3010	5/27/11	NAT	BE27ICW2	
MANGANESE	0.192	mg/L	0.005	1	0.005	SW846 6010	5/27/11	EAM	SW846 3010	5/27/11	NAT	BE27ICW2	

Katahdin ANALYTICAL SERVICES

REPORT OF ANALYTICAL RESULTS

Client: Ross Bennett
Golder Associates, Inc.
670 North Commercial Street
Suite 103
Manchester, NH 03101

Lab Sample ID: SE2517-007
Report Date: 6/1/2011
PO No.:
Project: Q2 Dover Landfill

Sample Description	Matrix	Filtered	Date Sampled	Date Received
B-11U-211	AQ	No(Total)	05/06/2011	05/06/2011

Parameter	Result	Units	Adjusted PQL	Dilution Factor	PQL	Analytical Method	Analysis Date	By	Prep Method	Prepped Date	By	QC	Notes
ARSENIC	0.011	mg/L	0.008	1	0.008	SW846 6010	5/23/11	EAM	SW846 3010	5/21/11	NAT	BE21ICW1	
IRON	7.31	mg/L	0.100	1	0.1	SW846 6010	5/23/11	EAM	SW846 3010	5/21/11	NAT	BE21ICW1	
MANGANESE	0.035	mg/L	0.005	1	0.005	SW846 6010	5/23/11	EAM	SW846 3010	5/21/11	NAT	BE21ICW1	

Katahdin ANALYTICAL SERVICES

REPORT OF ANALYTICAL RESULTS

Client: Ross Bennett
Golder Associates, Inc.
670 North Commercial Street
Suite 103
Manchester, NH 03101

Lab Sample ID: SE2517-009
Report Date: 6/1/2011
PO No.:
Project: Q2 Dover Landfill

Sample Description	Matrix	Filtered	Date Sampled	Date Received
B-11WT-211	AQ	No(Total)	05/06/2011	05/06/2011

Parameter	Result	Units	Adjusted PQL	Dilution Factor	PQL	Analytical Method	Analysis Date	By	Prep Method	Prepped Date	By	QC	Notes
ARSENIC	U 0.008	mg/L	0.008	1	0.008	SW846 6010	5/23/11	EAM	SW846 3010	5/21/11	NAT	BE21ICW1	
IRON	2.27	mg/L	0.100	1	0.1	SW846 6010	5/23/11	EAM	SW846 3010	5/21/11	NAT	BE21ICW1	
MANGANESE	0.083	mg/L	0.005	1	0.005	SW846 6010	5/23/11	EAM	SW846 3010	5/21/11	NAT	BE21ICW1	

Katahdin ANALYTICAL SERVICES

REPORT OF ANALYTICAL RESULTS

Client: Ross Bennett
Golder Associates, Inc.
670 North Commercial Street
Suite 103
Manchester, NH 03101

Lab Sample ID: SE2610-003
Report Date: 6/2/2011
PO No.:
Project: Q2 Dover Landfill

Sample Description	Matrix	Filtered	Date Sampled	Date Received
MW-108UUI-211	AQ	No(Total)	05/09/2011	05/11/2011

Parameter	Result	Units	Adjusted PQL	Dilution Factor	PQL	Analytical Method	Analysis Date	By	Prep Method	Prepped Date	By	QC	Notes
ARSENIC	U 0.008	mg/L	0.008	1	0.008	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW1	
IRON	13.0	mg/L	0.100	1	0.1	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW1	
MANGANESE	0.285	mg/L	0.005	1	0.005	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW1	

Katahdin ANALYTICAL SERVICES

REPORT OF ANALYTICAL RESULTS

Client: Ross Bennett
Golder Associates, Inc.
670 North Commercial Street
Suite 103
Manchester, NH 03101

Lab Sample ID: SE2610-007
Report Date: 6/2/2011
PO No.:
Project: Q2 Dover Landfill

Sample Description	Matrix	Filtered	Date Sampled	Date Received
MW-201(S)-211	AQ	No(Total)	05/10/2011	05/11/2011

Parameter	Result	Units	Adjusted PQL	Dilution Factor	PQL	Analytical Method	Analysis Date	By	Prep Method	Prepped Date	By	QC	Notes
ARSENIC	U 0.008	mg/L	0.008	1	0.008	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW1	
IRON	2.94	mg/L	0.100	1	0.1	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW1	
MANGANESE	0.079	mg/L	0.005	1	0.005	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW1	

Katahdin ANALYTICAL SERVICES

REPORT OF ANALYTICAL RESULTS

Client: Ross Bennett
Golder Associates, Inc.
670 North Commercial Street
Suite 103
Manchester, NH 03101

Lab Sample ID: SE2610-009
Report Date: 6/2/2011
PO No.:
Project: Q2 Dover Landfill

Sample Description	Matrix	Filtered	Date Sampled	Date Received
MW-201(I)-211	AQ	No(Total)	05/10/2011	05/11/2011

Parameter	Result	Units	Adjusted PQL	Dilution Factor	PQL	Analytical Method	Analysis Date	By	Prep Method	Prepped Date	By	QC	Notes
ARSENIC	0.104	mg/L	0.008	1	0.008	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW1	
IRON	U 0.100	mg/L	0.100	1	0.1	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW1	
MANGANESE	0.083	mg/L	0.005	1	0.005	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW1	

Katahdin ANALYTICAL SERVICES

REPORT OF ANALYTICAL RESULTS

Client: Ross Bennett
Golder Associates, Inc.
670 North Commercial Street
Suite 103
Manchester, NH 03101

Lab Sample ID: SE2610-005
Report Date: 6/2/2011
PO No.:
Project: Q2 Dover Landfill

Sample Description	Matrix	Filtered	Date Sampled	Date Received
MW-201(D)-211	AQ	No(Total)	05/10/2011	05/11/2011

Parameter	Result	Units	Adjusted PQL	Dilution Factor	PQL	Analytical Method	Analysis Date	By	Prep Method	Prepped Date	By	QC	Notes
ARSENIC	0.049	mg/L	0.008	1	0.008	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW1	
IRON	U 0.100	mg/L	0.100	1	0.1	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW1	
MANGANESE	0.019	mg/L	0.005	1	0.005	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW1	

Katahdin ANALYTICAL SERVICES

REPORT OF ANALYTICAL RESULTS

Client: Ross Bennett
Golder Associates, Inc.
670 North Commercial Street
Suite 103
Manchester, NH 03101

Lab Sample ID: SE2610-015
Report Date: 6/2/2011
PO No.:
Project: Q2 Dover Landfill

Sample Description	Matrix	Filtered	Date Sampled	Date Received
SB-A1-211	AQ	No(Total)	05/10/2011	05/11/2011

Parameter	Result	Units	Adjusted PQL	Dilution Factor	PQL	Analytical Method	Analysis Date	By	Prep Method	Prepped Date	By	QC	Notes
ARSENIC	U 0.008	mg/L	0.008	1	0.008	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW1	
IRON	0.818	mg/L	0.100	1	0.1	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW1	
MANGANESE	0.007	mg/L	0.005	1	0.005	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW1	

Katahdin ANALYTICAL SERVICES

REPORT OF ANALYTICAL RESULTS

Client: Ross Bennett
Golder Associates, Inc.
670 North Commercial Street
Suite 103
Manchester, NH 03101

Lab Sample ID: SE2610-013
Report Date: 6/2/2011
PO No.:
Project: Q2 Dover Landfill

Sample Description	Matrix	Filtered	Date Sampled	Date Received
SB-A2-211	AQ	No(Total)	05/10/2011	05/11/2011

Parameter	Result	Units	Adjusted PQL	Dilution Factor	PQL	Analytical Method	Analysis Date	By	Prep Method	Prepped Date	By	QC	Notes
ARSENIC	U 0.008	mg/L	0.008	1	0.008	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW1	
IRON	4.82	mg/L	0.100	1	0.1	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW1	
MANGANESE	0.069	mg/L	0.005	1	0.005	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW1	

Katahdin ANALYTICAL SERVICES

REPORT OF ANALYTICAL RESULTS

Client: Ross Bennett
Golder Associates, Inc.
670 North Commercial Street
Suite 103
Manchester, NH 03101

Lab Sample ID: SE2610-001
Report Date: 6/2/2011
PO No.:
Project: Q2 Dover Landfill

Sample Description	Matrix	Filtered	Date Sampled	Date Received
SB-D3(I)-211	AQ	No(Total)	05/09/2011	05/11/2011

Parameter	Result	Units	Adjusted PQL	Dilution Factor	PQL	Analytical Method	Analysis Date	By	Prep Method	Prepped Date	By	QC	Notes
ARSENIC	0.027	mg/L	0.008	1	0.008	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW1	
IRON	6.13	mg/L	0.100	1	0.1	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW1	
MANGANESE	0.291	mg/L	0.005	1	0.005	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW1	

Katahdin ANALYTICAL SERVICES

REPORT OF ANALYTICAL RESULTS

Client: Ross Bennett
Golder Associates, Inc.
670 North Commercial Street
Suite 103
Manchester, NH 03101

Lab Sample ID: SE2610-011
Report Date: 6/2/2011
PO No.:
Project: Q2 Dover Landfill

Sample Description	Matrix	Filtered	Date Sampled	Date Received
SB-10D-211	AQ	No(Total)	05/10/2011	05/11/2011

Parameter	Result	Units	Adjusted PQL	Dilution Factor	PQL	Analytical Method	Analysis Date	By	Prep Method	Prepped Date	By	QC	Notes
ARSENIC	0.092	mg/L	0.008	1	0.008	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW1	
IRON	1.49	mg/L	0.100	1	0.1	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW1	
MANGANESE	0.380	mg/L	0.005	1	0.005	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW1	

Katahdin ANALYTICAL SERVICES

REPORT OF ANALYTICAL RESULTS

Client: Ross Bennett
Golder Associates, Inc.
670 North Commercial Street
Suite 103
Manchester, NH 03101

Lab Sample ID: SE2682-001
Report Date: 6/6/2011
PO No.:
Project: Q2 Dover Landfill

Sample Description	Matrix	Filtered	Date Sampled	Date Received
SC-2UUI-211	AQ	No(Total)	05/13/2011	05/13/2011

Parameter	Result	Units	Adjusted PQL	Dilution Factor	PQL	Analytical Method	Analysis Date	By	Prep Method	Prepped Date	By	QC	Notes
ARSENIC	0.014	mg/L	0.008	1	0.008	SW846 6010	5/27/11	EAM	SW846 3010	5/27/11	NAT	BE27ICW2	
IRON	71.3	mg/L	0.100	1	0.1	SW846 6010	5/27/11	EAM	SW846 3010	5/27/11	NAT	BE27ICW2	
MANGANESE	1.82	mg/L	0.005	1	0.005	SW846 6010	5/27/11	EAM	SW846 3010	5/27/11	NAT	BE27ICW2	

Katahdin
ANALYTICAL SERVICES

REPORT OF ANALYTICAL RESULTS

Client: Ross Bennett
Golder Associates, Inc.
670 North Commercial Street
Suite 103
Manchester, NH 03101

Lab Sample ID: SE2682-003
Report Date: 6/6/2011
PO No.:
Project: Q2 Dover Landfill

Sample Description	Matrix	Filtered	Date Sampled	Date Received
SC-3US-211	AQ	No(Total)	05/13/2011	05/13/2011

Parameter	Result	Units	Adjusted PQL	Dilution Factor	PQL	Analytical Method	Analysis Date	By	Prep Method	Prepped Date	By	QC	Notes
ARSENIC	U 0.008	mg/L	0.008	1	0.008	SW846 6010	5/27/11	EAM	SW846 3010	5/27/11	NAT	BE27ICW2	
IRON	4.16	mg/L	0.100	1	0.1	SW846 6010	5/27/11	EAM	SW846 3010	5/27/11	NAT	BE27ICW2	
MANGANESE	0.018	mg/L	0.005	1	0.005	SW846 6010	5/27/11	EAM	SW846 3010	5/27/11	NAT	BE27ICW2	

Katahdin ANALYTICAL SERVICES

REPORT OF ANALYTICAL RESULTS

Client: Ross Bennett
Golder Associates, Inc.
670 North Commercial Street
Suite 103
Manchester, NH 03101

Lab Sample ID: SE2682-005
Report Date: 6/6/2011
PO No.:
Project: Q2 Dover Landfill

Sample Description	Matrix	Filtered	Date Sampled	Date Received
SC-3UUI-211	AQ	No(Total)	05/13/2011	05/13/2011

Parameter	Result	Units	Adjusted PQL	Dilution Factor	PQL	Analytical Method	Analysis Date	By	Prep Method	Prepped Date	By	QC	Notes
ARSENIC	U 0.008	mg/L	0.008	1	0.008	SW846 6010	5/27/11	EAM	SW846 3010	5/27/11	NAT	BE27ICW2	
IRON	3.64	mg/L	0.100	1	0.1	SW846 6010	5/27/11	EAM	SW846 3010	5/27/11	NAT	BE27ICW2	
MANGANESE	0.033	mg/L	0.005	1	0.005	SW846 6010	5/27/11	EAM	SW846 3010	5/27/11	NAT	BE27ICW2	

Katahdin ANALYTICAL SERVICES

REPORT OF ANALYTICAL RESULTS

Client: Ross Bennett
Golder Associates, Inc.
670 North Commercial Street
Suite 103
Manchester, NH 03101

Lab Sample ID: SE2610-021
Report Date: 6/2/2011
PO No.:
Project: Q2 Dover Landfill

Sample Description	Matrix	Filtered	Date Sampled	Date Received
SC-5US-211	AQ	No(Total)	05/11/2011	05/11/2011

Parameter	Result	Units	Adjusted PQL	Dilution Factor	PQL	Analytical Method	Analysis Date	By	Prep Method	Prepped Date	By	QC	Notes
ARSENIC	0.125	mg/L	0.008	1	0.008	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW0	
IRON	69.8	mg/L	0.100	1	0.1	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW0	
MANGANESE	0.648	mg/L	0.005	1	0.005	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW0	

Katahdin ANALYTICAL SERVICES

REPORT OF ANALYTICAL RESULTS

Client: Ross Bennett
Golder Associates, Inc.
670 North Commercial Street
Suite 103
Manchester, NH 03101

Lab Sample ID: SE2610-017
Report Date: 6/2/2011
PO No.:
Project: Q2 Dover Landfill

Sample Description	Matrix	Filtered	Date Sampled	Date Received
SC-10UUI-211	AQ	No(Total)	05/11/2011	05/11/2011

Parameter	Result	Units	Adjusted PQL	Dilution Factor	PQL	Analytical Method	Analysis Date	By	Prep Method	Prepped Date	By	QC	Notes
ARSENIC	0.207	mg/L	0.008	1	0.008	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW1	
IRON	47.3	mg/L	0.100	1	0.1	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW1	
MANGANESE	0.067	mg/L	0.005	1	0.005	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW1	

Katahdin ANALYTICAL SERVICES

REPORT OF ANALYTICAL RESULTS

Client: Ross Bennett
Golder Associates, Inc.
670 North Commercial Street
Suite 103
Manchester, NH 03101

Lab Sample ID: SE2610-019
Report Date: 6/2/2011
PO No.:
Project: Q2 Dover Landfill

Sample Description	Matrix	Filtered	Date Sampled	Date Received
SC-10LUI-211	AQ	No(Total)	05/11/2011	05/11/2011

Parameter	Result	Units	Adjusted PQL	Dilution Factor	PQL	Analytical Method	Analysis Date	By	Prep Method	Prepped Date	By	QC	Notes
ARSENIC	0.065	mg/L	0.008	1	0.008	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW1	
IRON	48.6	mg/L	0.100	1	0.1	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW1	
MANGANESE	1.46	mg/L	0.005	1	0.005	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW1	

Katahdin ANALYTICAL SERVICES

REPORT OF ANALYTICAL RESULTS

Client: Ross Bennett
Golder Associates, Inc.
670 North Commercial Street
Suite 103
Manchester, NH 03101

Lab Sample ID: SE2517-001
Report Date: 6/1/2011
PO No.:
Project: Q2 Dover Landfill

Sample Description	Matrix	Filtered	Date Sampled	Date Received
SW-1-211	AQ	No(Total)	05/06/2011	05/06/2011

Parameter	Result	Units	Adjusted PQL	Dilution Factor	PQL	Analytical Method	Analysis Date	By	Prep Method	Prepped Date	By	QC	Notes
ARSENIC	0.010	mg/L	0.008	1	0.008	SW846 6010	5/23/11	EAM	SW846 3010	5/21/11	NAT	BE21ICW1	
IRON	2.91	mg/L	0.100	1	0.1	SW846 6010	5/23/11	EAM	SW846 3010	5/21/11	NAT	BE21ICW1	
MANGANESE	0.063	mg/L	0.005	1	0.005	SW846 6010	5/23/11	EAM	SW846 3010	5/21/11	NAT	BE21ICW1	

Katahdin ANALYTICAL SERVICES

REPORT OF ANALYTICAL RESULTS

Client: Ross Bennett
Golder Associates, Inc.
670 North Commercial Street
Suite 103
Manchester, NH 03101

Lab Sample ID: SE2517-003
Report Date: 6/1/2011
PO No.:
Project: Q2 Dover Landfill

Sample Description	Matrix	Filtered	Date Sampled	Date Received
SW-3-211	AQ	No(Total)	05/06/2011	05/06/2011

Parameter	Result	Units	Adjusted PQL	Dilution Factor	PQL	Analytical Method	Analysis Date	By	Prep Method	Prepped Date	By	QC	Notes
ARSENIC	U 0.008	mg/L	0.008	1	0.008	SW846 6010	5/23/11	EAM	SW846 3010	5/21/11	NAT	BE21ICW1	
IRON	1.24	mg/L	0.100	1	0.1	SW846 6010	5/23/11	EAM	SW846 3010	5/21/11	NAT	BE21ICW1	
MANGANESE	0.029	mg/L	0.005	1	0.005	SW846 6010	5/23/11	EAM	SW846 3010	5/21/11	NAT	BE21ICW1	

Katahdin ANALYTICAL SERVICES

REPORT OF ANALYTICAL RESULTS

Client: Ross Bennett
Golder Associates, Inc.
670 North Commercial Street
Suite 103
Manchester, NH 03101

Lab Sample ID: SE2517-005
Report Date: 6/1/2011
PO No.:
Project: Q2 Dover Landfill

Sample Description	Matrix	Filtered	Date Sampled	Date Received
SW-E-211	AQ	No(Total)	05/06/2011	05/06/2011

Parameter	Result	Units	Adjusted PQL	Dilution Factor	PQL	Analytical Method	Analysis Date	By	Prep Method	Prepped Date	By	QC	Notes
ARSENIC	0.015	mg/L	0.008	1	0.008	SW846 6010	5/23/11	EAM	SW846 3010	5/21/11	NAT	BE21ICW1	
IRON	44.3	mg/L	0.100	1	0.1	SW846 6010	5/23/11	EAM	SW846 3010	5/21/11	NAT	BE21ICW1	
MANGANESE	0.551	mg/L	0.005	1	0.005	SW846 6010	5/23/11	EAM	SW846 3010	5/21/11	NAT	BE21ICW1	

APPENDIX B-3

INORGANIC COMPOUNDS DISSOLVED IRON, ARSENIC, AND MANGANESE

Katahdin ANALYTICAL SERVICES

REPORT OF ANALYTICAL RESULTS

Client: Ross Bennett
Golder Associates, Inc.
670 North Commercial Street
Suite 103
Manchester, NH 03101

Lab Sample ID: SE2717-002
Report Date: 6/6/2011
PO No.:
Project: Dover Landfill May 2011

Sample Description	Matrix	Filtered	Date Sampled	Date Received
B-7L-211	AQ	Yes(Dissolved)	05/13/2011	05/17/2011

Parameter	Result	Units	Adjusted PQL	Dilution Factor	PQL	Analytical Method	Analysis Date	By	Prep Method	Prepped Date	By	QC	Notes
ARSENIC	0.042	mg/L	0.008	1	0.008	SW846 6010	5/27/11	EAM	SW846 3010	5/27/11	NAT	BE27ICW2	
IRON	0.122	mg/L	0.100	1	0.1	SW846 6010	5/27/11	EAM	SW846 3010	5/27/11	NAT	BE27ICW2	
MANGANESE	0.149	mg/L	0.005	1	0.005	SW846 6010	5/27/11	EAM	SW846 3010	5/27/11	NAT	BE27ICW2	

Katahdin ANALYTICAL SERVICES

REPORT OF ANALYTICAL RESULTS

Client: Ross Bennett
Golder Associates, Inc.
670 North Commercial Street
Suite 103
Manchester, NH 03101

Lab Sample ID: SE2517-008
Report Date: 6/1/2011
PO No.:
Project: Q2 Dover Landfill

Sample Description	Matrix	Filtered	Date Sampled	Date Received
B-11U-211	AQ	Yes(Dissolved)	05/06/2011	05/06/2011

Parameter	Result	Units	Adjusted PQL	Dilution Factor	PQL	Analytical Method	Analysis Date	By	Prep Method	Prepped Date	By	QC	Notes
ARSENIC	0.011	mg/L	0.008	1	0.008	SW846 6010	5/23/11	EAM	SW846 3010	5/21/11	NAT	BE21ICW1	
IRON	6.96	mg/L	0.100	1	0.1	SW846 6010	5/23/11	EAM	SW846 3010	5/21/11	NAT	BE21ICW1	
MANGANESE	0.034	mg/L	0.005	1	0.005	SW846 6010	5/23/11	EAM	SW846 3010	5/21/11	NAT	BE21ICW1	

Katahdin ANALYTICAL SERVICES

REPORT OF ANALYTICAL RESULTS

Client: Ross Bennett
Golder Associates, Inc.
670 North Commercial Street
Suite 103
Manchester, NH 03101

Lab Sample ID: SE2517-010
Report Date: 6/1/2011
PO No.:
Project: Q2 Dover Landfill

Sample Description	*Matrix*	*Filtered*	Date *Sampled*	Date *Received*
B-11WT-211	AQ	Yes(Dissolved)	05/06/2011	05/06/2011

Parameter	Result	Units	Adjusted PQL	Dilution Factor	PQL	Analytical Method	Analysis Date	By	Prep Method	Prepped Date	By	QC	Notes
ARSENIC	U 0.008	mg/L	0.008	1	0.008	SW846 6010	5/23/11	EAM	SW846 3010	5/21/11	NAT	BE21ICW1	
IRON	2.14	mg/L	0.100	1	0.1	SW846 6010	5/23/11	EAM	SW846 3010	5/21/11	NAT	BE21ICW1	
MANGANESE	0.082	mg/L	0.005	1	0.005	SW846 6010	5/23/11	EAM	SW846 3010	5/21/11	NAT	BE21ICW1	

Katahdin ANALYTICAL SERVICES

REPORT OF ANALYTICAL RESULTS

Client: Ross Bennett
Golder Associates, Inc.
670 North Commercial Street
Suite 103
Manchester, NH 03101

Lab Sample ID: SE2610-004
Report Date: 6/2/2011
PO No.:
Project: Q2 Dover Landfill

Sample Description	Matrix	Filtered	Date Sampled	Date Received
MW-108UUI-211	AQ	Yes(Dissolved)	05/09/2011	05/11/2011

Parameter	Result	Units	Adjusted PQL	Dilution Factor	PQL	Analytical Method	Analysis Date	By	Prep Method	Prepped Date	By	QC	Notes
ARSENIC	U 0.008	mg/L	0.008	1	0.008	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW1	
IRON	13.3	mg/L	0.100	1	0.1	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW1	
MANGANESE	0.293	mg/L	0.005	1	0.005	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW1	

Katahdin ANALYTICAL SERVICES

REPORT OF ANALYTICAL RESULTS

Client: Ross Bennett
Golder Associates, Inc.
670 North Commercial Street
Suite 103
Manchester, NH 03101

Lab Sample ID: SE2610-008
Report Date: 6/2/2011
PO No.:
Project: Q2 Dover Landfill

Sample Description	Matrix	Filtered	Date Sampled	Date Received
MW-201(S)-211	AQ	Yes(Dissolved)	05/10/2011	05/11/2011

Parameter	Result	Units	Adjusted PQL	Dilution Factor	PQL	Analytical Method	Analysis Date	By	Prep Method	Prepped Date	By	QC	Notes
ARSENIC	U 0.008	mg/L	0.008	1	0.008	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW1	
IRON	2.73	mg/L	0.100	1	0.1	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW1	
MANGANESE	0.076	mg/L	0.005	1	0.005	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW1	

Katahdin ANALYTICAL SERVICES

REPORT OF ANALYTICAL RESULTS

Client: Ross Bennett
Golder Associates, Inc.
670 North Commercial Street
Suite 103
Manchester, NH 03101

Lab Sample ID: SE2610-010
Report Date: 6/2/2011
PO No.:
Project: Q2 Dover Landfill

Sample Description	Matrix	Filtered	Date Sampled	Date Received
MW-201(I)-211	AQ	Yes(Dissolved)	05/10/2011	05/11/2011

Parameter	Result	Units	Adjusted PQL	Dilution Factor	PQL	Analytical Method	Analysis Date	By	Prep Method	Prepped Date	By	QC	Notes
ARSENIC	0.102	mg/L	0.008	1	0.008	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW1	
IRON	U 0.100	mg/L	0.100	1	0.1	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW1	
MANGANESE	0.080	mg/L	0.005	1	0.005	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW1	

Katahdin ANALYTICAL SERVICES

REPORT OF ANALYTICAL RESULTS

Client: Ross Bennelt
Golder Associates, Inc.
670 North Commercial Street
Suite 103
Manchester, NH 03101

Lab Sample ID: SE2610-006
Report Date: 6/2/2011
PO No.:
Project: Q2 Dover Landfill

Sample Description	Matrix	Filtered	Date Sampled	Date Received
MW-201(D)-211	AQ	Yes(Dissolved)	05/10/2011	05/11/2011

Parameter	Result	Units	Adjusted PQL	Dilution Factor	PQL	Analytical Method	Analysis Date	By	Prep Method	Prepped Date	By	QC	Notes
ARSENIC	0.049	mg/L	0.008	1	0.008	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW1	
IRON	U 0.100	mg/L	0.100	1	0.1	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW1	
MANGANESE	0.018	mg/L	0.005	1	0.005	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW1	

Katahdin ANALYTICAL SERVICES

REPORT OF ANALYTICAL RESULTS

Client: Ross Bennett
Golder Associates, Inc.
670 North Commercial Street
Suite 103
Manchester, NH 03101

Lab Sample ID: SE2610-016
Report Date: 6/2/2011
PO No.:
Project: Q2 Dover Landfill

Sample Description	Matrix	Filtered	Date Sampled	Date Received
SB-A1-211	AQ	Yes(Dissolved)	05/10/2011	05/11/2011

Parameter	Result	Units	Adjusted PQL	Dilution Factor	PQL	Analytical Method	Analysis Date	By	Prep Method	Prepped Date	By	QC	Notes
ARSENIC	U 0.008	mg/L	0.008	1	0.008	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW1	
IRON	0.688	mg/L	0.100	1	0.1	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW1	
MANGANESE	0.007	mg/L	0.005	1	0.005	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW1	

Katahdin ANALYTICAL SERVICES

REPORT OF ANALYTICAL RESULTS

Client: Ross Bennett
Golder Associates, Inc.
670 North Commercial Street
Suite 103
Manchester, NH 03101

Lab Sample ID: SE2610-014
Report Date: 6/2/2011
PO No.:
Project: Q2 Dover Landfill

Sample Description	Matrix	Filtered	Date Sampled	Date Received
SB-A2-211	AQ	Yes(Dissolved)	05/10/2011	05/11/2011

Parameter	Result	Units	Adjusted PQL	Dilution Factor	PQL	Analytical Method	Analysis Date	By	Prep Method	Prepped Date	By	QC	Notes
ARSENIC	U 0.008	mg/L	0.008	1	0.008	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW1	
IRON	4.44	mg/L	0.100	1	0.1	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW1	
MANGANESE	0.064	mg/L	0.005	1	0.005	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW1	

Katahdin ANALYTICAL SERVICES

REPORT OF ANALYTICAL RESULTS

Client: Ross Bennett
Golder Associates, Inc.
670 North Commercial Street
Suite 103
Manchester, NH 03101

Lab Sample ID: SE2610-002
Report Date: 6/2/2011
PO No.:
Project: Q2 Dover Landfill

Sample Description	Matrix	Filtered	Date Sampled	Date Received
SB-D3(I)-211	AQ	Yes(Dissolved)	05/09/2011	05/11/2011

Parameter	Result	Units	Adjusted PQL	Dilution Factor	PQL	Analytical Method	Analysis Date	By	Prep Method	Prepped Date	By	QC	Notes
ARSENIC	0.027	mg/L	0.008	1	0.008	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW1	
IRON	6.04	mg/L	0.100	1	0.1	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW1	
MANGANESE	0.294	mg/L	0.005	1	0.005	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW1	

Katahdin ANALYTICAL SERVICES

REPORT OF ANALYTICAL RESULTS

Client: Ross Bennett
Golder Associates, Inc.
670 North Commercial Street
Suite 103
Manchester, NH 03101

Lab Sample ID: SE2610-012
Report Date: 6/2/2011
PO No.:
Project: Q2 Dover Landfill

Sample Description	Matrix	Filtered	Date Sampled	Date Received
SB-10D-211	AQ	Yes(Dissolved)	05/10/2011	05/11/2011

Parameter	Result	Units	Adjusted PQL	Dilution Factor	PQL	Analytical Method	Analysis Date	By	Prep Method	Prepped Date	By	QC	Notes
ARSENIC	0.066	mg/L	0.008	1	0.008	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW1	
IRON	1.41	mg/L	0.100	1	0.1	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW1	
MANGANESE	0.370	mg/L	0.005	1	0.005	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW1	

Katahdin ANALYTICAL SERVICES

REPORT OF ANALYTICAL RESULTS

Client: Ross Bennett
Golder Associates, Inc.
670 North Commercial Street
Suite 103
Manchester, NH 03101

Lab Sample ID: SE2682-002
Report Date: 6/6/2011
PO No.:
Project: Q2 Dover Landfill

Sample Description	Matrix	Filtered	Date Sampled	Date Received
SC-2UUI-211	AQ	Yes(Dissolved)	05/13/2011	05/13/2011

Parameter	Result	Units	Adjusted PQL	Dilution Factor	PQL	Analytical Method	Analysis Date	By	Prep Method	Prepped Date	By	QC	Notes
ARSENIC	0.015	mg/L	0.008	1	0.008	SW846 6010	5/27/11	EAM	SW846 3010	5/27/11	NAT	BE27ICW2	
IRON	72.1	mg/L	0.100	1	0.1	SW846 6010	5/27/11	EAM	SW846 3010	5/27/11	NAT	BE27ICW2	
MANGANESE	1.64	mg/L	0.005	1	0.005	SW846 6010	5/27/11	EAM	SW846 3010	5/27/11	NAT	BE27ICW2	

Katahdin ANALYTICAL SERVICES

REPORT OF ANALYTICAL RESULTS

Client: Ross Bennett
Golder Associates, Inc.
670 North Commercial Street
Suite 103
Manchester, NH 03101

Lab Sample ID: SE2682-004
Report Date: 6/6/2011
PO No.:
Project: Q2 Dover Landfill

Sample Description	Matrix	Filtered	Date Sampled	Date Received
SC-3US-211	AQ	Yes(Dissolved)	05/13/2011	05/13/2011

Parameter	Result	Units	Adjusted PQL	Dilution Factor	PQL	Analytical Method	Analysis Date	By	Prep Method	Prepped Date	By	QC	Notes
ARSENIC	U 0.008	mg/L	0.008	1	0.008	SW846 6010	5/27/11	EAM	SW846 3010	5/27/11	NAT	BE27ICW2	
IRON	4.11	mg/L	0.100	1	0.1	SW846 6010	5/27/11	EAM	SW846 3010	5/27/11	NAT	BE27ICW2	
MANGANESE	0.018	mg/L	0.005	1	0.005	SW846 6010	5/27/11	EAM	SW846 3010	5/27/11	NAT	BE27ICW2	

Katahdin ANALYTICAL SERVICES

REPORT OF ANALYTICAL RESULTS

Client: Ross Bennett
Golder Associates, Inc.
670 North Commercial Street
Suite 103
Manchester, NH 03101

Lab Sample ID: SE2682-006
Report Date: 6/6/2011
PO No.:
Project: Q2 Dover Landfill

Sample Description	Matrix	Filtered	Date Sampled	Date Received
SC-3UUI-211	AQ	Yes(Dissolved)	05/13/2011	05/13/2011

Parameter	Result	Units	Adjusted PQL	Dilution Factor	PQL	Analytical Method	Analysis Date	By	Prep Method	Prepped Date	By	QC	Notes
ARSENIC	U 0.008	mg/L	0.008	1	0.008	SW846 6010	5/27/11	EAM	SW846 3010	5/27/11	NAT	BE27ICW2	
IRON	3.56	mg/L	0.100	1	0.1	SW846 6010	5/27/11	EAM	SW846 3010	5/27/11	NAT	BE27ICW2	
MANGANESE	0.032	mg/L	0.005	1	0.005	SW846 6010	5/27/11	EAM	SW846 3010	5/27/11	NAT	BE27ICW2	

Katahdin ANALYTICAL SERVICES

REPORT OF ANALYTICAL RESULTS

Client: Ross Bennett
Golder Associates, Inc.
670 North Commercial Street
Suite 103
Manchester, NH 03101

Lab Sample ID: SE2610-022
Report Date: 6/2/2011
PO No.:
Project: Q2 Dover Landfill

Sample Description	Matrix	Filtered	Date Sampled	Date Received
SC-5US-211	AQ	Yes(Dissolved)	05/11/2011	05/11/2011

Parameter	Result	Units	Adjusted PQL	Dilution Factor	PQL	Analytical Method	Analysis Date	By	Prep Method	Prepped Date	By	QC	Notes
ARSENIC	0.130	mg/L	0.008	1	0.008	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW0	
IRON	73.6	mg/L	0.100	1	0.1	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW0	
MANGANESE	0.687	mg/L	0.005	1	0.005	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW0	

Katahdin ANALYTICAL SERVICES

REPORT OF ANALYTICAL RESULTS

Client: Ross Bennett
Golder Associates, Inc.
670 North Commercial Street
Suite 103
Manchester, NH 03101

Lab Sample ID: SE2610-018
Report Date: 6/2/2011
PO No.:
Project: Q2 Dover Landfill

Sample Description	Matrix	Filtered	Date Sampled	Date Received
SC-10UUI-211	AQ	Yes(Dissolved)	05/11/2011	05/11/2011

Parameter	Result	Units	Adjusted PQL	Dilution Factor	PQL	Analytical Method	Analysis Date	By	Prep Method	Prepped Date	By	QC	Notes
ARSENIC	0.204	mg/L	0.008	1	0.008	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW1	
IRON	46.1	mg/L	0.100	1	0.1	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW1	
MANGANESE	0.065	mg/L	0.005	1	0.005	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW1	

Katahdin ANALYTICAL SERVICES

REPORT OF ANALYTICAL RESULTS

Client: Ross Bennett
Golder Associates, Inc.
670 North Commercial Street
Suite 103
Manchester, NH 03101

Lab Sample ID: SE2610-020
Report Date: 6/2/2011
PO No.:
Project: Q2 Dover Landfill

Sample Description	Matrix	Filtered	Date Sampled	Date Received
SC-10LUI-211	AQ	Yes(Dissolved)	05/11/2011	05/11/2011

Parameter	Result	Units	Adjusted PQL	Dilution Factor	PQL	Analytical Method	Analysis Date	By	Prep Method	Prepped Date	By	QC	Notes
ARSENIC	0.066	mg/L	0.008	1	0.008	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW0	
IRON	46.4	mg/L	0.100	1	0.1	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW0	
MANGANESE	1.49	mg/L	0.005	1	0.005	SW846 6010	5/26/11	EAM	SW846 3010	5/26/11	NAT	BE26ICW0	

Katahdin ANALYTICAL SERVICES

REPORT OF ANALYTICAL RESULTS

Client: Ross Bennett
Golder Associates, Inc.
670 North Commercial Street
Suite 103
Manchester, NH 03101

Lab Sample ID: SE2517-002
Report Date: 6/1/2011
PO No.:
Project: Q2 Dover Landfill

Sample Description	Matrix	Filtered	Date Sampled	Date Received
SW-1-211	AQ	Yes(Dissolved)	05/06/2011	05/06/2011

Parameter	Result	Units	Adjusted PQL	Dilution Factor	PQL	Analytical Method	Analysis Date	By	Prep Method	Prepped Date	By	QC	Notes
ARSENIC	U 0.008	mg/L	0.008	1	0.008	SW846 6010	5/23/11	EAM	SW846 3010	5/21/11	NAT	BE21ICW1	
IRON	0.912	mg/L	0.100	1	0.1	SW846 6010	5/23/11	EAM	SW846 3010	5/21/11	NAT	BE21ICW1	
MANGANESE	0.040	mg/L	0.005	1	0.005	SW846 6010	5/23/11	EAM	SW846 3010	5/21/11	NAT	BE21ICW1	

Katahdin ANALYTICAL SERVICES

REPORT OF ANALYTICAL RESULTS

Client: Ross Bennett
Golder Associates, Inc.
670 North Commercial Street
Suite 103
Manchester, NH 03101

Lab Sample ID: SE2517-004
Report Date: 6/1/2011
PO No.:
Project: Q2 Dover Landfill

Sample Description	Matrix	Filtered	Date Sampled	Date Received
SW-3-211	AQ	Yes(Dissolved)	05/06/2011	05/06/2011

Parameter	Result	Units	Adjusted PQL	Dilution Factor	PQL	Analytical Method	Analysis Date	By	Prep Method	Prepped Date	By	QC	Notes
ARSENIC	U 0.008	mg/L	0.008	1	0.008	SW846 6010	5/23/11	EAM	SW846 3010	5/21/11	NAT	BE21ICW1	
IRON	0.930	mg/L	0.100	1	0.1	SW846 6010	5/23/11	EAM	SW846 3010	5/21/11	NAT	BE21ICW1	
MANGANESE	0.028	mg/L	0.005	1	0.005	SW846 6010	5/23/11	EAM	SW846 3010	5/21/11	NAT	BE21ICW1	

Katahdin ANALYTICAL SERVICES

REPORT OF ANALYTICAL RESULTS

Client: Ross Bennett
Golder Associates, Inc.
670 North Commercial Street
Suite 103
Manchester, NH 03101

Lab Sample ID: SE2517-006
Report Date: 6/1/2011
PO No.:
Project: Q2 Dover Landfill

Sample Description	Matrix	Filtered	Date Sampled	Date Received
SW-E-211	AQ	Yes(Dissolved)	05/06/2011	05/06/2011

Parameter	Result	Units	Adjusted PQL	Dilution Factor	PQL	Analytical Method	Analysis Date	By	Prep Method	Prepped Date	By	QC	Notes
ARSENIC	0.012	mg/L	0.008	1	0.008	SW846 6010	5/23/11	EAM	SW846 3010	5/21/11	NAT	BE21ICW1	
IRON	37.0	mg/L	0.100	1	0.1	SW846 6010	5/23/11	EAM	SW846 3010	5/21/11	NAT	BE21ICW1	
MANGANESE	0.560	mg/L	0.005	1	0.005	SW846 6010	5/23/11	EAM	SW846 3010	5/21/11	NAT	BE21ICW1	

APPENDIX B-4
LOW LEVEL 1,4-DIOXANE

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Dover Landfill May 2011
PO No:
Sample Date: 05/13/11
Received Date: 05/17/11
Extraction Date:
Analysis Date: 19-MAY-2011 13:12
Report Date: 06/13/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2717-2
Client ID: B-7L-211
SDG: SE2717
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 M8260B SIM
Lab Prep Batch: WG91784
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
1,4-Dioxane	U	2	1.0	2	2
Fluorobenzene		94%			
1,4-Dioxane-D8		95%			

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KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/06/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 14-MAY-2011 19:47
Report Date: 06/06/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2517-8RA
Client ID: B-11U-211
SDG: SE2517
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 M8260B SIM
Lab Prep Batch: WG91547
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
1,4-Dioxane	U	2.0	1.0	2.0	2.0
Fluorobenzene		97%			
1,4-Dioxane-D8		85%			

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KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/06/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 09-MAY-2011 19:50
Report Date: 06/06/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2517-10
Client ID: B-11WT-211
SDG: SE2517
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 M8260B SIM
Lab Prep Batch: WG91367
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
1,4-Dioxane	U	2.0	1.0	2.0	2.0
Fluorobenzene		84%			
1,4-Dioxane-D8		93%			

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KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/09/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 16-MAY-2011 16:00
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2610-4
Client ID: MW-108UUI-211
SDG: SE2610
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 M8260B SIM
Lab Prep Batch: WG91680
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
1,4-Dioxane	U	2.0	1.0	2.0	2.0
Fluorobenzene		115%			
1,4-Dioxane-D8		91%			

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KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/10/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 16-MAY-2011 17:05
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2610-8
Client ID: MW-201(S)-211
SDG: SE2610
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 M8260B SIM
Lab Prep Batch: WG91680
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
1,4-Dioxane	U	2.0	1.0	2.0	2.0
Fluorobenzene		112%			
1,4-Dioxane-D8		88%			

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KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/10/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 16-MAY-2011 17:38
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2610-10
Client ID: MW-201(I)-211
SDG: SE2610
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 M8260B SIM
Lab Prep Batch: WG91680
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
1,4-Dioxane	U	2.0	1.0	2.0	2.0
Fluorobenzene		114%			
1,4-Dioxane-D8		94%			

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KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/10/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 16-MAY-2011 16:33
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2610-6
Client ID: MW-201(D)-211
SDG: SE2610
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 M8260B SIM
Lab Prep Batch: WG91680
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
1,4-Dioxane	U	2.0	1.0	2.0	2.0
Fluorobenzene		114%			
1,4-Dioxane-D8		87%			

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KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/10/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 16-MAY-2011 19:15
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2610-16
Client ID: SB-A1-211
SDG: SE2610
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 M8260B SIM
Lab Prep Batch: WG91680
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
1,4-Dioxane	U	2.0	1.0	2.0	2.0
Fluorobenzene		109%			
1,4-Dioxane-D8		88%			

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KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/10/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 16-MAY-2011 18:42
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2610-14
Client ID: SB-A2-211
SDG: SE2610
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 M8260B SIM
Lab Prep Batch: WG91680
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
1,4-Dioxane	U	2.0	1.0	2.0	2.0
Fluorobenzene		111%			
1,4-Dioxane-D8		91%			

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KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/09/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 16-MAY-2011 15:28
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2610-2
Client ID: SB-D3(I)-211
SDG: SE2610
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 M8260B SIM
Lab Prep Batch: WG91680
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
1,4-Dioxane	U	2.0	1.0	2.0	2.0
Fluorobenzene		114%			
1,4-Dioxane-D8		81%			

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KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/10/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 16-MAY-2011 18:10
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2610-12
Client ID: SB-10D-211
SDG: SE2610
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 M8260B SIM
Lab Prep Batch: WG91680
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
1,4-Dioxane	U	2.0	1.0	2.0	2.0
Fluorobenzene		112%			
1,4-Dioxane-D8		89%			

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KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/13/11
Received Date: 05/13/11
Extraction Date:
Analysis Date: 17-MAY-2011 19:12
Report Date: 06/14/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2682-2
Client ID: SC-2UUI-211
SDG: SE2682
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 M8260B SIM
Lab Prep Batch: WG91681
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
1,4-Dioxane	E	113	1.0	2.00	2.00
Fluorobenzene		69%			
1,4-Dioxane-D8		* 55%			

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KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/13/11
Received Date: 05/13/11
Extraction Date:
Analysis Date: 18-MAY-2011 16:13
Report Date: 06/14/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2682-2DL
Client ID: SC-2UUI-211
SDG: SE2682
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 M8260B SIM
Lab Prep Batch: WG91729
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
1,4-Dioxane		130	5.0	2	10
Fluorobenzene		76%			
1,4-Dioxane-D8		64%			

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KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/13/11
Received Date: 05/13/11
Extraction Date:
Analysis Date: 19-MAY-2011 16:27
Report Date: 06/14/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2682-4RA
Client ID: SC-3US-211
SDG: SE2682
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 M8260B SIM
Lab Prep Batch: WG91784
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
1,4-Dioxane	U	2	1.0	2	2
Fluorobenzene		103%			
1,4-Dioxane-D8		109%			

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KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/13/11
Received Date: 05/13/11
Extraction Date:
Analysis Date: 17-MAY-2011 20:17
Report Date: 06/14/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2682-6
Client ID: SC-3UUI-211
SDG: SE2682
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 M8260B SIM
Lab Prep Batch: WG91681
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
1,4-Dioxane	U	2	1.0	2	2
Fluorobenzene		97%			
1,4-Dioxane-D8		86%			

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KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/11/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 18-MAY-2011 11:54
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2610-22RA
Client ID: SC-5US-211
SDG: SE2610
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 M8260B SIM
Lab Prep Batch: WG91729
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
1,4-Dioxane	U	2.0	1.0	2.0	2.0
Fluorobenzene		74%			
1,4-Dioxane-D8		65%			

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KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/11/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 16-MAY-2011 19:47
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2610-18
Client ID: SC-10UUI-211
SDG: SE2610
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 M8260B SIM
Lab Prep Batch: WG91680
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
1,4-Dioxane	E	130	1.0	2.0	2.0
Fluorobenzene		* 57%			
1,4-Dioxane-D8		* 42%			

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KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/11/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 18-MAY-2011 14:36
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2610-18DL
Client ID: SC-10UUI-211
SDG: SE2610
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 M8260B SIM
Lab Prep Batch: WG91729
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
1,4-Dioxane		100	5.0	2.0	10
Fluorobenzene		69%			
1,4-Dioxane-D8		* 44%			

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KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/11/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 16-MAY-2011 20:20
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2610-20
Client ID: SC-10LUI-211
SDG: SE2610
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 M8260B SIM
Lab Prep Batch: WG91680
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
1,4-Dioxane	E	140	1.0	2.0	2.0
Fluorobenzene		73%			
1,4-Dioxane-D8		61%			

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KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/11/11
Received Date: 05/11/11
Extraction Date:
Analysis Date: 18-MAY-2011 15:08
Report Date: 06/08/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2610-20DL
Client ID: SC-10LUI-211
SDG: SE2610
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 M8260B SIM
Lab Prep Batch: WG91729
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
1,4-Dioxane		170	5.0	2.0	10
Fluorobenzene		80%			
1,4-Dioxane-D8		78%			

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/06/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 09-MAY-2011 17:41
Report Date: 06/06/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2517-2
Client ID: SW-1-211
SDG: SE2517
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 M8260B SIM
Lab Prep Batch: WG91367
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
1,4-Dioxane	U	2.0	1.0	2.0	2.0
Fluorobenzene		86%			
1,4-Dioxane-D8		104%			

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KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/06/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 14-MAY-2011 17:37
Report Date: 06/06/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2517-4RA
Client ID: SW-3-211
SDG: SE2517
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 M8260B SIM
Lab Prep Batch: WG91547
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
1,4-Dioxane	U	2.0	1.0	2.0	2.0
Fluorobenzene		106%			
1,4-Dioxane-D8		91%			

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KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Golder Associates,
Project: Q2 Dover Landfill
PO No:
Sample Date: 05/06/11
Received Date: 05/06/11
Extraction Date:
Analysis Date: 09-MAY-2011 18:46
Report Date: 06/06/2011
Matrix: WATER
% Solids: NA

Lab ID: SE2517-6
Client ID: SW-R-211
SDG: SE2517
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 M8260B SIM
Lab Prep Batch: WG91367
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
1,4-Dioxane		3.9	1.0	2.0	2.0
Fluorobenzene		62%			
1,4-Dioxane-D8		72%			

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TABLES

TABLE 1
SECOND QUARTER 2011 EMP AND GMP MONITORING PROGRAM

DOVER MUNICIPAL LANDFILL

EMP DESIGNATED MONITORING WELLS					
WELL ID	EMP VOCs by 8260	EMP/GMP VOCs by 8260-NHfull	GMP/Low-Level Dioxane Analysis by 8260-SIM	Total and Dissolved Metals by 6010	Notes:
B-2U	*			*	
B-8WT	*			*	
B9-U	*			*	
B9-WT	*			*	
EP-1S	*			*	
EP-1I	*			*	
EP-1D	*			*	
EP-2S		*	*	*	
EP-2D		*	*	*	
MW-103S		*	*	*	
MW-103U		*	*	*	
MW-104S	*			*	
MW-104U	*			*	
OW-4A		*	*	*	
SB-4D					Not sampled per GeoInsight, May 10, 2011
SB-5D	*			*	
SB-8D	*			*	
SB-10I		*	*	*	
SB-B1	*			*	MS/MSD
SB-B2					Not sampled per GeoInsight Emails dated 4/30/09 and 10/22/09
SB-D1		*	*	*	
SB-D2		*	*	*	
SB-GW-3U		*	*	*	
SB-GW-3L		*	*	*	
SB-GW-3I		*	*	*	
SC-1US	*			*	
SC-7US	*			*	MS/MSD
SC-8US	*			*	
SC-10US		*	*	*	
SC-22S		*	*	*	
SC-22I		*	*	*	
SC-22D		*	*	*	
SC-23S		*	*	*	
SC-23D		*	*	*	
SC-24S	*			*	
SC-24I	*			*	
SC-24D	*			*	
SC-25		*	*	*	
SC-26		*	*	*	
SC-27		*	*	*	

QA/QC Samples					
RB-01	*			*	Rinsate Blank RB-01 collected on May 11, 2011
RB-02	*			*	Rinsate Blank RB-02 collected on May 13, 2011
DUP-01	*			*	DUP-01 collected from MW-104S
DUP-02	*			*	DUP-02 collected from MW-104U
MS/MSD-01	*			*	MS/MSD-01 collected from SB-10I on May 10, 2011
MS/MSD-02	*			*	MS/MSD-02 collected from SC-7US on May 6, 2011
4 Trip Blanks	*			*	4 Trip blanks collected on May, 6, 11, 13, and 16, 2011

Notes:
EMP= Environmental Monitoring Plan
N/A = not analyzed
QA/QC= Quality Assurance/Quality Control
VOCs= Volatile Organic Compounds

TABLE 1
SECOND QUARTER 2011 EMP AND GMP MONITORING PROGRAM

DOVER MUNICIPAL LANDFILL

Non-EMP GMP DESIGNATED MONITORING WELLS					
WELL ID	Non-EMP VOCs by 8260	GMP VOCs by 8260-NHfull	GMP/Low-Level Dioxane Analysis by 8260-SIM	Total and Dissolved Metals by 6010	Notes:
B-7L		*	*	*	
B-11U		*	*	*	
B-11WT		*	*	*	
MW-108UUI		*	*	*	
MW-201(S)		*	*	*	
MW-201(I)		*	*	*	
MW-201(D)		*	*	*	
SB-A1		*	*	*	
SB-A2		*	*	*	
SB-D3(I)		*	*	*	
SB-10D		*	*	*	
SC-2UUI		*	*	*	
SC-3US		*	*	*	
SC-3UUI		*	*	*	
SC-5US		*	*	*	
SC-10UUI		*	*	*	
SC-10LUI		*	*	*	

Non-EMP Non-GMP DESIGNATED MONITORING WELLS					
WELL ID	Non-EMP VOCs by 8260	GMP VOCs by 8260-NHfull	GMP/Low-Level Dioxane Analysis by 8260-SIM	Total and Dissolved Metals by 6010	Notes:
MW-101U					Sample not collected per City of Dover email dated 4/22/2010
SC-4US					Sample not collected per City of Dover email dated 4/22/2010
SC-6US					Sample not collected per City of Dover email dated 4/22/2010
SC-7UUI					Sample not collected per City of Dover email dated 4/22/2010
SC-7LUI					Sample not collected per City of Dover email dated 4/22/2010
SC-8UUI					Sample not collected per City of Dover email dated 4/22/2010
SC-8LUI					Sample not collected per City of Dover email dated 4/22/2010
SC-9US					Sample not collected per City of Dover email dated 4/22/2010
SC-11US					Sample not collected per City of Dover email dated 4/22/2010
SC-11UUI					Sample not collected per City of Dover email dated 4/22/2010
SC-12US					Sample not collected per City of Dover email dated 4/22/2010
SC-12UUI					Sample not collected per City of Dover email dated 4/22/2010
SC-13US					Sample not collected per City of Dover email dated 4/22/2010
SC-14US					Sample not collected per City of Dover email dated 4/22/2010
SC-15US					Sample not collected per City of Dover email dated 4/22/2010
SC-15UUI					Sample not collected per City of Dover email dated 4/22/2010
SC-16US					Sample not collected per City of Dover email dated 4/22/2010
SC-16UUI					Sample not collected per City of Dover email dated 4/22/2010
SC-18US					Sample not collected per City of Dover email dated 4/22/2010
SC-18UUI					Sample not collected per City of Dover email dated 4/22/2010

Notes:
EMP= Environmental Monitoring Plan
N/A = not analyzed
QA/QC= Quality Assurance/Quality Control
VOCs= Volatile Organic Compounds

TABLE 1
SECOND QUARTER 2011 EMP AND GMP MONITORING PROGRAM

DOVER MUNICIPAL LANDFILL

EMP DESIGNATED SURFACE WATER SAMPLES					
SURFACE WATER ID	**EMP VOCs by 8260**	**EMP/GMP VOCs by 8260-NHfull**	**GMP/Low-Level Dioxane Analysis by 8260-SIM**	**Total and Dissolved Metals by 6010**	**Notes:**
SW-A	*			*	
SW-B					Sample not collected per GeoInsight e-mail dated 5/9/2011
SW-C		*	*	*	
SW-D1		*	*	*	

Non-EMP GMP DESIGNATED SURFACE WATER SAMPLES					
SURFACE WATER ID	***Non-EMP* VOCs by 8260**	***GMP VOCs by* 8260-NHfull**	**GMP/Low-Level Dioxane Analysis by 8260-SIM**	**Total and Dissolved Metals by 6010**	**Notes:**
SW-1		*	*	*	
SW-3		*	*	*	
SW-E		*	*	*	

Non-EMP Non-GMP DESIGNATED SURFACE WATER SAMPLES					
SW-F					Sample not collected per City of Dover email dated 4/22/2010
SW-6					Sample not collected per City of Dover email dated 4/22/2010
SW-8					Sample not collected per City of Dover email dated 4/22/2010

Notes:
EMP= Environmental Monitoring Plan
N/A = not analyzed
QA/QC= Quality Assurance/Quality Control
VOCs= Volatile Organic Compounds

Prepared by: JKU
Checked by: RWB
Reviewed by: APTM

TABLE 2
DOVER MUNICIPAL LANDFILL
WATER LEVEL SUMMARY

WELL ID	REFERENCE POINT	REFERENCE POINT ELEVATION	Jun-06 DEPTH TO WATER	Jun-06 WATER LEVEL ELEVATION	Oct-06 DEPTH TO WATER	Oct-06 WATER LEVEL ELEVATION	Jun-07 DEPTH TO WATER	Jun-07 WATER LEVEL ELEVATION	Nov-07 DEPTH TO WATER	Nov-07 WATER LEVEL ELEVATION	Jun-08 DEPTH TO WATER	Jun-08 WATER LEVEL ELEVATION	Nov-08 DEPTH TO WATER	Nov-08 WATER LEVEL ELEVATION	May-09 DEPTH TO WATER	May-09 WATER LEVEL ELEVATION	Nov-09 DEPTH TO WATER	Nov-09 WATER LEVEL ELEVATION	May-10 DEPTH TO WATER	May-10 WATER LEVEL ELEVATION	Nov-10 DEPTH TO WATER	Nov-10 WATER LEVEL ELEVATION	May-11 DEPTH TO WATER	May-11 WATER LEVEL ELEVATION	COMMENTS
B-1L	PVC	156.91	38.31	118.60	41.40	115.51	38.55	118.36	45.81	111.10	44.73	112.18	44.60	112.31	46.25	110.66	40.12	116.79	38.43	118.48	44.96	111.95	45.19	111.72	
B-1R	PVC	157.08	39.21	117.87	42.48	114.60	39.67	117.41	48.01	109.07	46.81	110.27	45.60	111.48	47.58	109.50	41.18	115.90	39.42	117.66	47.15	109.93	45.25	111.83	
B-1U	PVC	157.17	3.18	153.99	3.50	153.67	3.70	153.47	4.67	152.50	3.75	153.42	3.51	153.66	3.58	153.59	3.51	153.66	4.27	152.90	4.40	152.77	3.29	153.88	
B-2L	PVC	146.83	24.75	122.08	26.90	119.93	25.21	121.62	32.73	114.10	31.85	114.98	31.55	115.28	33.15	113.68	29.59	117.24	27.18	119.65	33.04	113.79	30.55	116.28	
B-2R	PVC	147.02	24.80	122.22	27.00	120.02	25.35	121.67	32.90	114.12	32.01	115.01	31.69	115.33	33.32	113.70	29.72	117.30	27.35	119.67	33.21	113.81	20.64	126.38	
B-2U	STEEL	147.04	2.51	144.53	2.28	144.76	3.60	143.44	4.95	142.09	3.43	143.61	2.80	144.24	2.87	144.17	3.71	143.33	4.16	142.88	4.68	142.36	3.25	143.79	Measured to top of steel casing
B-3L	PVC	154.86	9.92	144.94	12.44	142.42	10.00	144.86	13.75	141.11	12.30	142.56	11.50	143.36	11.95	142.91	12.60	142.26	10.55	144.31	13.65	141.21	11.86	143.00	
B-3R	PVC	154.56	10.70	143.86	13.41	141.15	11.95	142.61	15.89	138.67	14.52	140.04	14.20	140.36	14.15	140.41	13.83	140.73	12.55	142.01	15.01	139.55	14.17	140.39	
B-4L	PVC	150.40	13.40	137.00	15.60	134.80	14.30	136.10	19.86	130.54	18.85	131.55	18.73	131.67	19.32	131.08	18.28	132.12	16.29	134.11	20.31	130.09	18.29	132.11	
B-4R	PVC	150.75	13.43	137.32	15.65	135.10	14.35	136.40	19.82	130.93	18.81	131.94	18.67	132.08	19.21	131.54	18.24	132.51	16.30	134.45	NM	NC	18.25	NC	
B-4U	PVC	150.66	1.57	149.09	2.25	148.41	2.29	148.37	3.04	147.62	2.31	148.35	2.32	148.34	2.02	148.64	2.19	148.47	2.32	148.34	2.65	148.01	1.20	149.46	
B-4WT	PVC	151.84	4.25	147.59	4.02	147.82	4.20	147.64	4.69	147.15	4.21	147.63	4.26	147.58	4.41	147.43	4.15	147.69	4.60	147.24	4.61	147.23	4.02	147.82	
B-5U	PVC	147.75	3.78	143.97	4.16	143.59	3.08	144.67	3.60	144.15	3.15	144.60	2.89	144.86	2.89	144.86	2.72	145.03	3.49	144.26	3.58	144.17	1.86	145.89	
B-5WT	PVC	149.96	5.85	144.11	5.00	144.96	4.85	145.11	5.62	144.34	4.65	145.31	4.71	145.25	4.70	145.26	4.27	145.69	5.47	144.49	5.51	144.45	3.84	146.12	
B-6L	PVC	146.54	15.65	130.89	17.05	129.49	16.10	130.44	NM	NC	17.14	129.40	17.16	129.38	17.99	128.55	16.17	130.37	14.41	132.13	18.81	127.73	16.02	130.52	
B-6U	PVC	146.38	2.72	143.66	2.91	143.47	3.00	143.38	3.93	142.45	3.01	143.37	3.05	143.33	2.92	143.46	2.81	143.57	3.46	142.92	3.76	142.62	2.49	143.89	
B-6WT	PVC	148.48	4.30	144.18	4.30	144.18	4.38	144.10	5.07	143.41	4.21	144.27	4.36	144.12	4.32	144.16	4.16	144.32	4.92	143.56	5.04	143.44	3.95	144.53	
B-7L	PVC	155.64	28.05	127.59	31.19	124.45	28.83	126.81	35.35	120.29	33.95	121.69	33.91	121.73	34.90	120.74	31.61	124.03	29.61	126.03	35.15	120.49	33.77	121.87	
B-7U	PVC	157.18	3.83	153.35	4.08	153.10	4.30	152.88	6.82	150.36	4.25	152.93	3.84	153.34	3.84	153.34	3.90	153.28	4.91	152.27	6.60	150.58	3.98	153.20	
B-8R	STEEL	148.39	17.50	130.89	19.55	128.84	18.16	130.23	26.81	NC	25.96	122.43	26.16	122.23	26.71	121.68	25.82	122.57	22.76	NOTE 8	27.15	121.24	24.89	123.50	Measured to top of steel casing
B-8L	STEEL	148.26	1.93	146.33	19.15	129.11	18.00	130.26	26.02	122.24	25.98	122.28	26.22	122.04	27.41	120.85	25.85 (9)	NOTE 8	22.81	NOTE 8	27.85	120.41	24.96	123.30	Measured to top of steel casing
B-8U	PVC	148.28	17.32	130.96	1.95	146.33	2.05	146.23	2.97	145.31	2.02	146.26	2.08	146.20	2.09	146.19	1.81	146.47	3.82	NOTE 8	2.60	145.68	1.75	146.53	
B-8WT	STEEL	148.37	3.22	145.15	2.42	145.95	2.50	145.87	4.30	144.07	3.37	145.00	3.38	144.99	3.32	145.05	3.18 (9)	NOTE 8	3.93	144.44	3.14	145.23	3.05	145.32	Measured to top of steel casing
B-9L	PVC	143.82	15.94	127.88	15.55	128.27	14.40	129.42	22.93	120.89	22.18	121.64	22.51	121.31	23.89	119.93	21.81	122.01	18.45	125.37	24.12	119.70	20.88	122.94	
B-9R	PVC	143.58	14.39	129.19	13.34	130.24	12.92	130.66	15.49	128.09	19.04	124.54	19.16	124.42	20.12	123.46	20.22	123.36	3.20	140.38	12.41	131.17	15.54	128.04	
B-9U	PVC	143.84	8.05	135.79	10.98	132.86	7.80	136.04	14.39	129.43	9.45	134.39	8.62	135.22	6.73	137.11	9.45	134.39	9.54	134.30	13.56	130.28	5.99	137.85	
B-9WTA	PVC	143.85	4.74	139.11	6.53	137.32	5.18	138.67	12.98	130.87	5.89	137.96	5.10	138.75	3.61	140.24	5.27	138.58	6.75	132.31	13.92	129.93	10.16	133.69	
B-9WTB	PVC	143.77	12.26	131.51	12.06	131.71	11.20	132.57	13.68	130.09	11.87	131.90	11.15	132.62	10.65	133.12	NM	NC	11.54	137.02	13.56	130.21	2.85	140.92	
B-10L	PVC	147.59	10.70	136.89	12.63	134.96	11.58	136.01	17.24	130.35	16.30	131.29	15.18	132.41	16.86	130.73	15.95	131.64	13.94	133.65	17.81	129.78	15.65	131.94	
B-10U	PVC	147.37	1.54	145.83	1.71	145.66	1.73	145.64	2.29	145.08	1.72	145.65	1.16	146.21	1.62	145.75	1.55	145.82	1.91	145.46	1.92	145.45	1.16	146.21	
B-10WT	STEEL	148.09	1.79	146.30	2.82	145.27	2.88	145.21	3.42	144.67	2.89	145.20	2.82	145.27	2.85	145.24	NM	NC	3.21	NOTE 8	3.23	144.86	2.77	145.32	
B-11L	PVC	150.86	2.60	148.26	33.46	117.40	31.54	119.32	38.61	112.25	37.64	113.22	37.11	113.75	38.82	112.04	34.51	116.35	32.57	118.29	38.54	112.32	36.40	114.46	
B-11R	PVC	150.82	30.30	120.52	32.54	118.28	30.67	120.15	37.89	112.93	36.95	113.87	36.45	114.37	38.06	112.76	34.01	116.81	31.92	118.90	37.91	112.91	36.75	114.07	
B-11U	PVC	151.05	2.45	148.60	3.25	147.80	3.27	147.78	5.20	145.85	2.99	148.06	2.77	148.28	2.71	148.34	2.87	148.18	3.55	147.50	5.12	145.93	2.56	148.49	
B-11WT	PVC	151.18	2.70	148.48	3.41	147.77	3.25	147.93	5.34	145.84	3.07	148.11	2.76	148.42	2.71	148.47	2.95	148.23	3.57	147.61	5.30	145.88	2.67	148.51	
B-13L	PVC	151.87	7.96	143.91	10.05	141.82	9.00	142.87	12.49	139.38	11.10	140.77	10.75	141.12	10.81	141.06	10.52	141.35	9.65	142.22	12.21	139.66	10.69	141.18	
B-13U	PVC	151.57	2.95	148.62	3.05	148.52	3.68	147.89	4.44	147.13	3.22	148.35	3.39	148.18	3.59	147.98	3.18	148.39	4.20	147.37	4.09	147.48	2.96	148.61	
B-13WT	PVC	152.60	3.88	148.72	3.85	148.75	4.45	148.15	5.22	147.38	3.92	148.68	4.12	148.48	4.32	148.28	3.85	148.75	5.05	147.55	4.86	147.74	3.70	148.90	
B-14L	PVC	161.30	45.80	115.50	47.52	113.78	43.77	117.53	55.04	106.26	53.43	107.88	50.21	111.09	51.42	109.88	44.76	116.54	42.71	118.59	53.12	108.18	49.93	111.37	
B-14U	PVC	160.76	27.80	132.96	33.51	127.25	29.55	131.21	33.85	126.91	31.35	129.41	30.08	130.68	29.34	131.42	31.22	129.54	Dry	NC	33.99	126.77	30.47	130.29	
B-14WT	STEEL	161.95	7.60	154.35	7.70	154.25	8.25	153.70	8.04	153.91	7.63	154.32	7.90	154.05	8.05	153.90	7.75	154.20	8.61	153.34	8.15	153.80	7.91	154.04	
EP-1D	PVC	145.99	3.26	142.73	5.80	140.19	5.57	140.42	4.14	141.85	5.80	140.19	5.66	140.33	5.38	140.61	5.76	140.23	5.90	140.09	7.03	138.96	4.74	141.25	
EP-1I	PVC	145.98	4.52	141.46	2.95	143.03	3.08	142.90	7.14	138.84	3.01	142.97	3.08	142.90	2.91	143.07	2.93	143.05	3.43	142.55	3.93	142.05	2.30	143.68	
EP-1S	PVC	146.21	2.60	143.61	3.09	143.12	3.82	142.39	4.53	141.68	3.61	142.60	3.67	142.54	3.61	142.60	3.26	142.95	4.26	141.95	4.10	142.11	3.15	143.06	
EP-2D	PVC	146.00	9.47	136.53	12.21	133.79	11.23	134.77	13.68	132.32	11.66	134.34	11.75	134.25	10.92	135.08	12.22	133.78	11.55	134.45	13.58	132.42	10.16	135.84	
EP-2S	PVC	145.86	4.80	141.06	7.70	138.16	6.67	139.19	9.79	136.07	7.04	138.82	7.05	138.81	6.05	139.81	7.51	138.35	7.15	138.71	9.77	136.09	3.27	140.59	
MW-101L	PVC	151.04	22.72	128.32	24.93	126.11	23.55	127.49	30.81	120.23	29.91	121.13	30.03	121.01	31.12	119.92	29.97	121.07	26.41	124.63	31.52	119.52	29.11	121.93	
MW-101U	PVC	151.58	2.33	149.25	4.33	147.25	3.83	147.75	5.20	146.38	4.41	147.17	4.04	147.54	3.50	148.08	4.17	147.41	4.05	147.53	4.97	146.61	1.40	150.18	
MW-102S	STEEL	144.76	4.71	140.05	3.78	140.98	4.30	140.46	NM	NC	4.02	140.74	3.95	140.81	NM	NC	3.68	141.08	5.31	139.45	4.91	139.85	3.72	141.04	
MW-102U	PVC	143.22	1.60	141.62	2.25	140.97	2.20	141.02	2.90	140.32	2.48	140.74	2.19	141.03	2.27	140.95	2.31	140.91	2.45	140.77	2.85	140.37	1.61	141.61	
MW-103L	PVC	146.51	19.05	127.41	20.95	125.56	19.82	126.69	27.65	118.86	26.90	119.61	27.04	119.47	28.42	118.09	26.21	120.30	23.07	123.44	28.63	117.88	25.65	120.86	
MW-103S	PVC	146.06	0.59	145.47	1.00	145.06	3.75	142.31	4.59	141.47	3.93	142.13	3.87	142.19	3.62	142.44	3.77	142.29	4.13	141.93	4.47	141.59	2.81	143.25	
MW-103U	*PVC*	*146.46*	*2.56*	*143.95*	*4.00*	*142.46*	*6.50*	*139.96*	*8.11*	*138.35*	*6.78*	*139.68*	*6.61*	*139.85*	*6.26*	*140.20*	*6.71*	*139.75*	*6.87*	*139.59*	*8.01*	*138.45*	*5.42*	*141.04*	
MW-104S	PVC	145.36	1.45	143.91	1.73	143.63	1.95	143.41	3.22	142.14	1.85	143.51	2.02	143.34	1.85	143.51	1.78	143.58	2.61	142.75	3.12	142.24	1.31	144.05	
MW-104U	PVC	145.30	1.97	143.33	2.80	142.50	2.80	142.50	4.64	140.66	2.88	142.42	2.98	142.32	2.60	142.70	2.82	142.48	3.32	141.98	4.49	140.81	1.88	143.42	
MW-105S	PVC	152.38	PONDED	NC	3.05	149.33	2.20	150.18	4.58	147.80	2.23	150.15	1.61	150.77	1.55	150.83	1.98	150.40	2.95	149.43	4.59	147.79	0.92	151.46	
MW-105U	PVC	153.44	4.15	149.29	5.76	147.68	5.35	148.09	7.21	146.23	5.23	148.31	4.99	148.45	4.90	148.54	5.09	148.35	5.76	147.68	7.16	146.28	4.35	149.09	
MW-106L	PVC	155.87	12.15	143.72	15.67	140.20	13.40	142.47	17.92	NC	16.21	139.66	16.08	139.79	15.87	140.00	15.79	140.08	14.08	141.79	17.91	137.96	16.25	139.62	
MW-106S	PVC	NC	NM	NC	NM	NC	NM	NC	NM	NC	NM	NC	NM	NC	NM	NC	NM	NC	NM	NC	NM	NC	NM	NC	Obstruction in well @ 2.80 feet TPVC

Notes:

1) Well elevation not available at time of water level measurement.

2) Well vandalized prior to May, 2003 water level measurement, top of PVC elevation and groundwater elevation are approximate.

3) NC= Not available, NM = Not Measured, NC = Not Calculated

4) PONDED=monitoring location INCcessible due to ponded water.

5) Shallow depth to water may be due to ponded water in the vicinity of the monitoring well.

6) Well casing repaired prior to October 2007 water level observations. Well may need to be re-surveyed.

7) All depths and elevations are in feet.

8) Depth to water measured from top of protective steel casing.

9) Could not measure, <0.1 ft from top of casing

TABLE 2
DOVER MUNICIPAL LANDFILL
WATER LEVEL SUMMARY

WELL ID	REFERENCE POINT	REFERENCE POINT ELEVATION	Jun-06 DEPTH TO WATER	Jun-06 WATER LEVEL ELEVATION	Oct-06 DEPTH TO WATER	Oct-06 WATER LEVEL ELEVATION	Jun-07 DEPTH TO WATER	Jun-07 WATER LEVEL ELEVATION	Nov-07 DEPTH TO WATER	Nov-07 WATER LEVEL ELEVATION	Jun-08 DEPTH TO WATER	Jun-08 WATER LEVEL ELEVATION	Nov-08 DEPTH TO WATER	Nov-08 WATER LEVEL ELEVATION	May-09 DEPTH TO WATER	May-09 WATER LEVEL ELEVATION	Nov-09 DEPTH TO WATER	Nov-09 WATER LEVEL ELEVATION	May-10 DEPTH TO WATER	May-10 WATER LEVEL ELEVATION	Nov-10 DEPTH TO WATER	Nov-10 WATER LEVEL ELEVATION	May-11 DEPTH TO WATER	May-11 WATER LEVEL ELEVATION	COMMENTS
N-2	PVC	114.05	PONDED	NC	1.75	112.30	1.55	112.50	1.90	112.15	1.56	112.49	1.81	112.34	1.72	112.33	1.51	112.54	1.96	112.09	1.83	112.22	NM	NC	
N-3	PVC	154.86	PONDED	NC	PONDED	NC	3.20	151.66	4.22	150.64	NM	NC	NM	NC	3.59	151.27	NM	PONDED	NM	PONDED	NM	PONDED	NM	PONDED	
N-4	PVC	147.01	PONDED	NC	PONDED	NC	1.50	145.51	1.71	145.30	1.46	145.55	1.41	145.60	1.46	145.55	1.42	145.59	1.68	145.33	1.75	145.26	1.51	145.50	
N-5	PVC	148.40	PONDED	NC	PONDED	NC	2.35	146.05	2.70	145.70	2.54	145.86	2.36	146.04	2.31	146.09	2.36	146.04	2.61	145.79	2.61	145.79	2.45	145.95	
N-6	PVC	150.27	3.20	147.07	3.34	146.93	4.19	146.08	4.79	145.48	3.42	146.85	3.52	146.75	3.72	146.55	3.08	147.19	4.51	145.76	4.38	145.89	2.79	147.48	
OW-1A	PVC	153.24	4.53	148.71	5.20	148.04	5.80	147.44	6.81	146.43	6.21	147.03	5.92	147.32	5.41	147.83	5.91	147.33	5.90	147.34	6.62	146.62	2.93	150.31	
OW-2B	PVC	154.29	9.75	144.54	12.42	141.87	10.90	143.39	14.82	139.47	13.49	140.80	13.17	141.12	13.24	141.05	12.88	141.41	11.71	142.58	14.79	139.50	13.19	141.10	
OW-3	PVC	154.15	2.27	151.88	7.06	147.09	3.78	150.37	6.32	147.83	4.04	150.11	3.45	150.70	3.16	150.99	3.81	150.34	4.31	149.84	6.09	148.06	2.62	151.53	
OW-3A	PVC	153.98	34.43	119.55	37.25	116.73	37.00	116.98	44.03	109.95	42.92	111.06	42.38	111.60	43.82	110.16	39.20	114.78	37.45	116.53	43.72	110.26	41.67	112.31	
OW-4	PVC	144.93	24.72	120.21	26.18	118.75	24.30	120.63	27.59	117.34	30.75	114.18	30.48	114.45	32.07	112.86	28.42	116.51	26.11	118.82	31.99	112.94	29.51	115.42	
OW-4A	PVC	145.96	27.32	118.64	27.38	118.58	27.40	118.56	31.36	114.60	27.39	118.57	27.45	118.51	27.28	118.68	27.31	118.65	27.59	118.37	27.61	118.35	27.29	118.67	
OW-5	PVC	148.71	NC	NC	NC	NC	4.25	142.46	6.06	140.65	4.26	142.45	4.38	142.33	3.96	142.75	4.26	142.45	4.71	142.00	5.92	140.79	3.28	143.43	
OW-6	PVC	149.64	2.05	147.59	3.20	146.44	1.50	148.14	2.42	147.22	1.52	148.12	1.25	148.39	1.16	148.48	1.12	148.52	1.60	148.04	2.25	147.39	0.00	149.64	Artesian
SB-4D	PVC	151.53	2.28	149.25	3.12	148.41	2.92	148.61	3.91	147.62	3.20	148.33	NM	NC	2.86	148.67	NM	NC	NM	NC	NM	NC	NM	NC	Bladder Pump In Well
SB-5D	PVC	149.24	4.01	145.23	4.26	144.98	4.81	144.43	NM	NC	4.71	144.53	NM	NC	NM	NC	3.78	NOTE 6	3.92	NOTE 6	4.35	NOTE 6	2.55	NOTE 6	
SB-8D	STEEL	149.58	2.80	146.78	3.75	145.83	3.60	145.98	4.46	145.12	3.86	145.72	3.68	145.90	3.49	146.09	NM	NC	2.22	NOTE 6	2.72	NOTE 6	0.67	NOTE 6	Measured to top of steel casing
SB-8U	STEEL	149.72	2.90	146.82	2.95	146.77	2.24	147.48	4.72	145.00	3.04	146.68	3.19	146.53	3.30	146.42	2.96	147.12	3.79	145.93	3.70	146.02	3.37	146.35	Measured to top of steel casing
SB-10	PVC	149.39	2.08	147.31	2.78	146.61	2.62	146.77	3.48	145.91	2.86	146.53	2.62	146.77	2.41	146.98	2.60	147.24	2.88	146.51	3.12	146.27	1.75	147.64	
SB-10I	PVC	NOTE 1	2.08	NOTE 1	2.95	NOTE 1	2.56	NOTE 1	3.05	NOTE 1	2.51	NOTE 1	2.31	NOTE 1	2.31	NOTE 1	2.15	NOTE 1	2.63	NOTE 1	2.97	-2.97	2.22	-2.22	
SB-A1	PVC	152.34	3.85	148.49	3.85	148.49	4.02	148.32	4.66	147.68	3.84	148.50	3.95	148.39	3.99	148.35	3.79	148.55	4.52	147.82	4.47	147.87	3.41	148.93	
SB-A2	PVC	152.13	3.60	148.53	3.60	148.53	3.78	148.35	4.42	147.71	3.59	148.54	3.70	148.43	3.72	148.41	3.56	148.57	4.25	147.88	4.21	147.92	3.47	148.66	
SB-B1	PVC	149.64	4.15	145.49	4.10	145.54	4.15	145.49	4.86	144.78	4.24	145.40	4.18	145.46	4.23	145.41	4.11	145.53	4.48	145.16	4.41	145.23	4.01	145.63	
SB-B2	PVC	149.33	1.31	148.02	1.90	147.43	1.87	147.46	2.76	146.57	2.00	147.33	1.96	147.37	1.82	147.51	NM	NC	NM	NC	NM	NC	NM	NC	Not measured per GeoInsight
SB-B3	*PVC*	*149.63*	*2.00*	*147.63*	*2.85*	*146.78*	*2.65*	*146.98*	*2.58*	*146.05*	*2.91*	*146.72*	*2.74*	*146.89*	*2.52*	*147.11*	*2.70*	*146.93*	*3.01*	*146.62*	*3.25*	*146.38*	*1.32*	*148.31*	
SB-C1	STEEL	149.26	3.55	145.71	3.70	145.56	3.90	145.36	5.03	144.23	4.88	144.38	3.88	145.38	3.89	145.37	3.60	145.66	5.82	NOTE 8	4.90	144.36	4.45	144.81	
SB-C2	PVC	148.99	2.65	146.34	3.35	145.64	3.35	145.64	3.98	145.01	3.52	145.47	3.35	145.64	3.26	145.73	3.38	145.61	3.55	145.44	3.97	145.02	1.54	147.45	
SB-D1	PVC	149.00	4.04	144.96	4.01	144.99	4.15	144.85	5.36	143.64	4.10	144.90	4.13	144.87	4.15	144.85	4.07	144.93	4.82	144.18	4.65	144.35	4.05	144.95	
SB-D2	PVC	148.99	2.63	146.36	3.40	145.59	3.35	145.64	4.09	144.90	3.54	145.45	3.31	145.68	3.22	145.77	3.31	145.68	3.57	145.42	3.89	145.10	1.95	147.04	
SB-D3	PVC	NOTE 1	NM	NC	NM	NC	NM	NC	NM	NC	NM	NC	NM	NC	NM	NC	NM	NC	NM	NC	NM	NC	1.82	NC	
SB-GW-3L	PVC	149.00	3.51	145.49	4.20	144.80	3.95	145.05	4.68	144.32	4.11	144.89	3.93	145.07	3.85	145.15	3.96	145.04	4.11	144.89	4.53	144.47	2.56	146.44	
SB-GW-3I	PVC	NOTE 1	3.50	NOTE 1	3.56	NOTE 1	3.90	NOTE 1	4.49	NOTE 1	3.72	NOTE 1	3.74	NOTE 1	3.77	NOTE 1	3.56	NOTE 1	4.36	NOTE 1	4.32	NOTE 1	3.45	NOTE 1	
SB-GW-3U	PVC	148.69	4.03	144.66	4.55	144.14	4.75	143.94	5.98	142.71	4.65	144.04	4.66	144.03	3.67	145.02	4.51	144.18	5.53	143.16	5.41	143.28	4.52	144.17	
SC-1US	PVC	151.61	2.85	148.76	3.04	148.57	3.02	148.59	3.78	147.83	2.96	148.65	3.02	148.59	3.29	148.32	2.91	148.70	3.12	148.49	3.42	148.19	2.31	149.30	
SC-2UUI	PVC	153.49	3.62	149.87	4.18	149.31	NM	NC	NM	NC	NM	NC	NM	NC	NM	NC	0.99[9]	NOTE 6	1.76	NOTE 6	1.76	NOTE 6	NM	PONDED	Ponded
SC-3US	PVC	155.47	3.42	152.05	3.40	152.07	3.69	151.78	4.39	151.08	3.25	152.22	3.71	151.76	3.78	151.69	3.35	152.12	4.12	151.35	4.08	151.39	3.25	152.22	
SC-3UUI	PVC	154.96	2.65	152.31	3.10	151.86	3.05	151.91	4.28	150.68	3.07	151.89	3.03	151.93	3.02	151.94	3.23	151.73	4.27	150.69	3.79	151.17	2.97	151.99	
SC-4US	PVC	154.98	2.56	152.42	3.24	151.74	3.45	151.53	6.61	148.37	3.69	151.29	2.99	151.99	2.97	152.01	3.01	151.97	4.38	150.60	6.58	148.40	2.68	152.30	
SC-5US	PVC	154.10	3.03	151.07	3.72	150.38	3.65	150.45	6.29	147.81	3.93	150.17	3.40	150.70	3.44	150.66	3.35	150.75	4.42	149.68	6.26	147.84	3.15	150.95	
SC-6US	PVC	148.02	3.30	144.72	3.53	144.49	3.65	144.37	5.86	142.16	3.46	144.56	3.41	144.61	3.42	144.60	3.62	144.40	4.21	143.81	5.58	142.44	4.29	143.73	
SC-7LUI	PVC	149.05	15.55	133.50	16.80	132.25	16.57	132.48	17.78	131.27	16.82	132.23	16.72	132.33	16.58	132.47	16.77	132.28	16.87	132.18	17.72	131.33	16.19	132.86	
SC-7US	PVC	149.48	5.80	143.68	5.45	144.03	5.35	144.13	7.03	142.45	5.71	143.77	5.81	143.67	5.56	143.92	5.59	143.89	5.97	143.51	6.72	142.76	4.64	144.84	
SC-7UUI	PVC	148.93	5.17	143.76	7.12	141.81	6.90	142.03	8.69	140.24	8.14	140.79	7.08	141.85	6.71	142.22	7.12	141.81	8.38	140.55	8.56	140.37	6.09	142.84	
SC-8LUI	PVC	151.22	3.85	147.37	5.33	145.89	5.05	146.17	6.14	145.08	5.45	145.77	5.15	146.07	4.85	146.37	5.22	146.00	5.22	146.00	5.95	145.27	2.98	148.24	
SC-8US	PVC	151.09	4.98	146.11	5.30	145.79	5.36	145.73	5.71	145.38	5.36	145.73	5.27	145.82	5.21	145.88	5.15	145.94	5.31	145.78	5.61	145.48	3.06	148.03	
SC-8UUI	PVC	151.09	3.58	147.51	4.98	146.11	4.77	146.32	5.71	145.38	5.06	146.03	4.81	146.28	4.57	146.52	4.85	144.26	4.91	146.18	5.51	145.58	2.52	148.57	
SC-9US	*PVC*	*153.84*	*5.88*	*147.96*	*7.02*	*146.82*	*6.83*	*147.01*	*7.61*	*146.23*	*7.08*	*146.76*	*6.88*	*146.96*	*6.56*	*147.28*	*6.63*	*150.63*	*6.86*	*146.98*	*7.41*	*146.43*	*3.76*	*150.08*	
SC-10LUI	PVC	150.55	2.15	148.40	3.30	147.25	3.00	147.55	4.07	146.48	3.35	147.20	3.15	147.40	2.82	147.73	3.21	146.58	3.23	147.32	3.80	146.75	1.23	149.32	
SC-10US	PVC	150.95	3.94	147.01	4.00	146.95	4.10	146.85	4.64	146.31	4.07	146.88	4.09	146.86	4.10	146.85	3.97	148.53	4.34	146.61	4.41	146.54	3.39	147.56	
SC-10UUI	PVC	150.20	1.80	148.40	2.50	147.70	2.36	147.84	3.27	146.93	2.52	147.68	2.48	147.72	2.29	147.91	2.42	146.38	2.63	147.57	2.92	147.28	1.04	149.16	
SC-11US	PVC	151.75	3.84	147.91	3.73	148.02	3.91	147.84	4.32	147.43	3.85	147.90	3.91	147.84	3.98	147.77	3.82	148.95	4.23	147.52	4.18	147.57	3.62	148.13	
SC-11UUI	PVC	151.27	2.23	149.04	2.83	148.44	2.72	148.55	3.62	147.65	2.91	148.36	NM	NC	2.68	148.59	2.80	148.47	3.12	148.15	3.21	148.06	1.70	149.57	
SC-12US	PVC	169.29	19.54	149.75	21.05	148.24	18.73	150.56	19.99	149.30	19.16	150.13	19.06	150.23	18.54	150.75	19.06	150.23	18.87	150.42	19.52	149.77	17.10	152.19	
SC-12UUI	PVC	169.16	19.33	149.83	21.11	148.05	19.25	149.91	20.58	148.58	19.72	149.44	19.55	149.61	18.97	150.19	19.65	149.51	19.38	149.78	20.16	149.00	17.31	151.85	
SC-13US	PVC	166.98	14.22	152.76	15.90	151.08	14.53	152.45	16.79	150.19	15.42	151.56	15.04	151.94	14.68	152.30	15.26	151.72	15.29	151.69	16.22	150.76	13.88	153.10	
SC-14US	PVC	160.62	7.08	153.54	10.75	149.87	8.96	151.66	12.13	148.49	7.36	153.26	9.38	151.24	8.41	152.21	10.11	150.51	9.61	151.01	11.91	148.71	7.93	152.69	
SC-15US	PVC	156.15	9.65	146.50	11.16	144.99	10.46	145.69	12.24	143.91	10.80	145.35	10.55	145.60	10.03	146.12	11.63	144.52	10.58	145.57	11.78	144.37	8.60	147.55	

Notes:

1) Well elevation not available at time of water level measurement.

2) Well vandalized prior to May, 2003 water level measurement, top of PVC elevation and groundwater elevation are approximate.

3) NC= Not available, NM = Not Measured, NC = Not Calculated

4) PONDED=monitoring well INaccessible due to ponded water.

5) Shallow depth to water may be due to ponded water in the vicinity of the monitoring well.

6) Well casing repaired. Well may need to be re-surveyed.

7) All depths and elevations are in feet.

8) Depth to water measured from top of protective steel casing.

9) Could not measure, <0.1 ft from top of casing

TABLE 2
DOVER MUNICIPAL LANDFILL
WATER LEVEL SUMMARY

WELL ID	REFERENCE POINT	REFERENCE POINT ELEVATION	Jan-06 DEPTH TO WATER	Jan-06 WATER LEVEL ELEVATION	Oct-06 DEPTH TO WATER	Oct-06 WATER LEVEL ELEVATION	Jan-07 DEPTH TO WATER	Jan-07 WATER LEVEL ELEVATION	Nov-07 DEPTH TO WATER	Nov-07 WATER LEVEL ELEVATION	Jan-08 DEPTH TO WATER	Feb-08 WATER LEVEL ELEVATION	Nov-08 DEPTH TO WATER	Nov-08 WATER LEVEL ELEVATION	May-09 DEPTH TO WATER	May-09 WATER LEVEL ELEVATION	Nov-09 DEPTH TO WATER	Nov-09 WATER LEVEL ELEVATION	May-10 DEPTH TO WATER	May-10 WATER LEVEL ELEVATION	Nov-10 DEPTH TO WATER	Nov-10 WATER LEVEL ELEVATION	May-11 DEPTH TO WATER	May-11 WATER LEVEL ELEVATION	COMMENTS
SC-15U[1]	PVC	155.32	9.98	145.34	11.42	143.90	10.71	144.61	12.62	142.70	11.02	144.30	10.79	144.53	10.42	144.90	10.92	144.40	11.13	144.19	12.70	142.62	9.72	145.60	
SC-16U[5]	PVC	164.57	14.45	150.12	17.71	146.86	17.80	146.77	17.96	146.61	16.76	147.81	16.11	148.46	15.30	149.27	16.53	148.04	16.20	148.37	17.62	146.95	14.03	150.54	
SC-16U[1]	PVC	164.18	14.40	149.78	16.20	147.98	15.49	148.70	17.61	146.57	16.22	147.96	15.67	148.51	15.01	149.17	15.92	148.26	15.84	148.34	17.39	146.79	13.77	150.41	
SC-17U[5]	PVC	148.73	4.35	144.38	4.70	144.03	4.62	144.11	6.35	142.38	4.95	143.78	5.03	143.70	4.78	143.95	4.87	143.86	5.26	143.47	6.12	142.61	3.88	144.85	
SC-17U[1]	PVC	149.01	4.71	144.30	5.17	143.84	5.02	143.99	6.75	142.26	5.32	143.69	5.41	143.60	5.14	143.87	5.24	143.77	5.63	143.38	6.55	142.46	4.27	144.74	
SC-18U[5]	*PVC*	*150.83*	*2.46*	*148.23*	*2.72*	*147.11*	*3.89*	*145.93*	*4.40*	*146.43*	*2.80*	*147.03*	*3.82*	*147.01*	*2.84*	*146.99*	*3.72*	*147.11*	*4.08*	*145.77*	*NM*	*NC*	*2.72*	*148.08*	
SC-18U[1]	PVC	150.69	36.60	114.09	3.18	147.51	3.12	147.57	3.95	146.74	3.22	147.47	3.20	147.49	3.02	147.67	3.12	147.57	3.35	147.34	NM	NC	1.71	148.98	
SC-20U[5]	PVC	155.51	PONDED	NC	3.35	152.16	3.58	151.93	3.96	149.55	3.50	152.01	NM	NC	3.05	152.46	3.03	152.48	4.12	151.39	5.67	149.84	3.24	152.27	
SC-21	PVC	148.92	4.55	144.37	5.00	143.92	4.90	144.02	6.66	142.26	5.19	143.73	5.31	143.61	5.02	143.90	5.12	143.80	5.52	143.40	6.42	142.50	4.16	144.76	
SC-22U	PVC	145.30	20.89	124.41	22.24	123.06	21.97	123.33	23.09	122.21	22.47	122.83	22.42	122.88	22.26	123.04	22.32	122.98	22.34	122.96	23.08	122.22	22.01	123.29	
SC-22I	PVC	145.72	19.53	126.19	20.68	125.04	20.57	125.15	21.53	124.19	20.86	124.86	20.81	124.91	20.59	125.13	20.79	124.93	20.91	124.81	22.52	123.20	20.51	125.41	
SC-23S	PVC	146.08	2.85	143.23	4.70	141.38	4.55	141.53	7.34	138.74	4.62	141.46	4.74	141.34	3.99	142.09	4.20	141.88	5.31	140.77	7.28	138.82	2.71	143.37	
SC-23D	PVC	143.97	9.13	134.84	11.82	132.15	10.07	133.90	13.59	130.38	10.62	133.35	11.12	132.85	10.16	133.81	11.65	132.32	10.61	133.36	12.62	131.35	9.26	134.71	
SC-23S	PVC	143.87	5.90	137.97	7.05	136.82	7.00	136.87	9.51	134.36	7.17	136.70	7.08	136.79	6.88	136.99	7.25	136.62	7.62	136.25	9.09	134.78	5.71	138.16	
SC-24D	PVC	142.82	7.81	135.01	8.90	133.92	8.52	134.30	10.13	132.69	9.21	133.61	8.85	133.97	8.91	133.91	9.32	133.50	8.96	133.86	10.32	132.50	8.61	134.21	
SC-24I	PVC	143.12	4.83	138.29	5.50	137.62	5.55	137.57	6.84	136.28	5.60	137.52	5.42	137.70	5.36	137.76	5.55	137.57	5.85	137.27	6.69	136.43	5.00	138.12	
SC-24S	PVC	141.90	1.85	140.25	1.65	140.25	2.00	139.90	2.75	139.17	1.84	140.06	1.96	139.94	1.99	139.91	1.86	140.04	2.53	139.37	2.52	139.38	2.01	139.89	
SC-25	PVC	144.12	3.77	140.35	5.18	138.94	5.60	138.52	6.41	137.71	5.88	138.43	5.20	138.92	5.15	138.97	5.04	139.08	5.90	138.22	6.21	137.91	4.64	139.48	
SC-26	PVC	144.28	3.68	140.60	4.25	140.03	4.40	139.88	5.21	139.07	4.07	140.21	4.71	139.57	2.27	142.01	4.75	139.53	4.86	139.42	5.26	139.02	3.77	140.51	
SC-27	PVC	142.64	2.01	140.63	7.20	135.44	6.00	136.64	9.44	133.20	6.67	135.97	6.47	136.17	5.92	136.72	5.92	136.72	6.53	136.11	7.91	134.73	4.13	138.51	
RECENTLY INSTALLED WELLS																									
MW-200(S)	PVC	NOTE 1	NC	NC	NC	NC	NC	NC	2.97	NOTE 1	2.42	NOTE 1	2.41	NOTE 1	2.54	NOTE 1	2.31	NOTE 1	2.93	NOTE 1	2.82	NOTE 1	2.29	NOTE 1	
MW-200(D)	PVC	NOTE 1	NC	NC	NC	NC	NC	NC	0.97	NOTE 1	< 0.65	NOTE 1	NM	NC	NM	NC	NM	NC	NM	NC	NM	NC	1.72	NOTE 1	
MW-200(D)	PVC	NOTE 1	NC	NC	NC	NC	NC	NC	2.26	NOTE 1	1.50	NOTE 1	2.34	NOTE 1	1.12	NOTE 1	1.32	NOTE 1	1.38	NOTE 1	1.93	NOTE 1	0.00	NOTE 1	Artesian
MW-201(S)	PVC	NOTE 1	NC	NC	NC	NC	NC	NC	3.06	NOTE 1	2.58	NOTE 1	2.50	NOTE 1	2.62	NOTE 1	2.60	NOTE 1	3.44	NOTE 1	3.08	NOTE 1	2.84	NOTE 1	
MW-201(I)	*PVC*	*NOTE 1*	*NC*	*NC*	*NC*	*NC*	*NC*	*NC*	*2.29*	*NOTE 1*	*2.20*	*NOTE 1*	*NM*	*NOTE 1*	*1.28*	*NOTE 1*	*1.32*	*NOTE 1*	*1.70*	*NOTE 1*	*1.92*	*NOTE 1*	*0.93*	*NOTE 1*	
MW-201(D)	PVC	NOTE 1	NC	NC	NC	NC	NC	NC	3.43	NOTE 1	2.60	NOTE 1	1.21	NOTE 1	2.16	NOTE 1	2.52	NOTE 1	2.35	NOTE 1	3.21	NOTE 1	1.66	NOTE 1	
MW-202(S)	PVC	NOTE 1	NC	NC	NC	NC	NC	NC	2.13	NOTE 1	2.05	NOTE 1	2.02	NOTE 1	2.38	NOTE 1	1.95	NOTE 1	2.52	NOTE 1	2.04	NOTE 1	2.11	NOTE 1	
MW-203(S)	PVC	NOTE 1	NC	NC	NC	NC	NC	NC	5.95	NOTE 1	5.11	NOTE 1	5.12	NOTE 1	5.27	NOTE 1	4.66	NOTE 1	6.06	NOTE 1	5.71	NOTE 1	4.60	NOTE 1	
MW-204(S)	PVC	NOTE 1	NC	NC	NC	NC	NC	NC	3.94	NOTE 1	2.43	NOTE 1	2.46	NOTE 1	2.45	NOTE 1	2.39	NOTE 1	4.58	NOTE 1	3.15	NOTE 1	2.60	NOTE 1	
MW-204(IA)	PVC	NOTE 1	NC	NC	NC	NC	NC	NC	4.36	NOTE 1	2.95	NOTE 1	2.95	NOTE 1	2.97	NOTE 1	NM	NOTE 1	3.81	NOTE 1	3.46	NOTE 1	2.83	NOTE 1	
MW-204(IB)	PVC	NOTE 1	NC	NC	NC	NC	NC	NC	2.61	NOTE 1	1.77	NOTE 1	1.92	NOTE 1	1.63	NOTE 1	1.54	NOTE 1	NM	NOTE 1	2.30	NOTE 1	1.35	NOTE 1	
MW-204(D)	PVC	NOTE 1	NC	NC	NC	NC	NC	NC	3.29	NOTE 1	2.54	NOTE 1	2.41	NOTE 1	2.35	NOTE 1	2.52	NOTE 1	2.52	NOTE 1	3.22	NOTE 1	1.20	NOTE 1	
MW-205(I)	PVC	NOTE 1	NC	NC	NC	NC	NC	NC	5.35	NOTE 1	4.33	NOTE 1	4.28	NOTE 1	4.35	NOTE 1	4.22	NOTE 1	4.85	NOTE 1	4.60	NOTE 1	4.29	NOTE 1	
MW-206(I)	PVC	NOTE 1	NC	NC	NC	NC	NC	NC	3.65	NOTE 1	2.86	NOTE 1	2.85	NOTE 1	NM	NOTE 1	NM	NOTE 1	NM	NOTE 1	NM	NOTE 1	NM	NOTE 1	Not measured per Goodnight
SB-D3	PVC	NOTE 1	NC	NC	NC	NC	NC	NC	3.56	NOTE 1	2.41	NOTE 1	2.41	NOTE 1	2.45	NOTE 1	NM	NOTE 1	NM	NOTE 1	NM	NOTE 1	1.82	NOTE 1	
WELLS ADDED 2008 Q2																									
B-12U	PVC	NOTE 1	NC	NC	NC	NC	NC	NC	2.97	NOTE 1	4.43	NOTE 1	4.45	NOTE 1	3.15	NOTE 1	3.86	NOTE 1	4.05	NOTE 1	4.42	NOTE 1	3.81	NOTE 1	
B-12I	PVC	NOTE 1	NC	NC	NC	NC	NC	NC	0.97	NOTE 1	1.84	NOTE 1	1.96	NOTE 1	4.03	NOTE 1	Top of casing	NOTE 1	Top of casing	NOTE 1	3.03	NOTE 1	NM	NOTE 1	Note 9
B-12L	PVC	NOTE 1	NC	NC	NC	NC	NC	NC	2.26	NOTE 1	1.09	NOTE 1	0.90	NOTE 1	2.35	NOTE 1	Top of casing	NOTE 1	Top of casing	NOTE 1	2.25	NOTE 1	ARTESIAN	NOTE 1	
MW-107U[5]	PVC	NOTE 1	NC	NC	NC	NC	NC	NC	3.06	NOTE 1	3.59	NOTE 1	3.80	NOTE 1	3.59	NOTE 1	3.70	NOTE 1	3.76	NOTE 1	4.62	NOTE 1	2.97	NOTE 1	
MW-107U[1]	PVC	NOTE 1	NC	NC	NC	NC	NC	NC	2.29	NOTE 1	8.14	NOTE 1	8.44	NOTE 1	7.92	NOTE 1	8.57	NOTE 1	8.42	NOTE 1	9.71	NOTE 1	7.52	NOTE 1	
MW-107L[1]	PVC	NOTE 1	NC	NC	NC	NC	NC	NC	3.43	NOTE 1	16.05	NOTE 1	15.71	NOTE 1	15.57	NOTE 1	15.70	NOTE 1	15.85	NOTE 1	16.56	NOTE 1	15.16	NOTE 1	
MW-108U[1]	PVC	NOTE 1	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	5.51	NOTE 1	6.11	NOTE 1	6.79	NOTE 1	5.09	NOTE 1	
SURFACE WATER GAUGES ADDED 2008 Q2																									
SW-1	*Staff Gauge*	*NOTE 1*	*NC*	*NC*	*NC*	*NC*	*NC*	*NC*	*2.13*	*NOTE 1*	*NM*	*NC*	*NM*	*NC*	*NM*	*NC*	*NM*	*NC*	*NM*	*NC*	*NM*	*NC*	*NM*	*NC*	
SW-2	Staff Gauge	NOTE 1	NC	NC	NC	NC	NC	NC	5.95	NOTE 1	3.34	NOTE 1	NM	NC	NM	NC	NM	NC	NM	NC	NM	NC	NM	NC	
SW-3	Staff Gauge	NOTE 1	NC	NC	NC	NC	NC	NC	3.94	NOTE 1	NM	NOTE 1	NM	NC	NM	NC	NM	NC	NM	NC	NM	NC	NM	NC	
SW-4	Staff Gauge	NOTE 1	NC	NC	NC	NC	NC	NC	3.94	NOTE 1	NM	NOTE 1	NM	NC	NM	NC	NM	NC	NM	NC	NM	NC	NM	NC	
SW-5	Staff Gauge	NOTE 1	NC	NC	NC	NC	NC	NC	4.36	NOTE 1	NM	NOTE 1	NM	NC	NM	NC	NM	NC	NM	NC	NM	NC	NM	NC	
SW-6	Staff Gauge	NOTE 1	NC	NC	NC	NC	NC	NC	2.61	NOTE 1	3.03	NOTE 1	1.96	NOTE 1	3.11	NOTE 1	2.95	NOTE 1	2.21	NOTE 1	3.30	NOTE 1	3.15	NOTE 1	
SW-7	Staff Gauge	NOTE 1	NC	NC	NC	NC	NC	NC	3.29	NOTE 1	NM	NC	NM	NOTE 1	0.51	NOTE 1	NM	NC	NM	NC	NM	NC	NM	NC	
SW-8	Staff Gauge	NOTE 1	NC	NC	NC	NC	NC	NC	5.35	NOTE 1	4.82	NOTE 1	3.78	NOTE 1	3.44	NOTE 1	3.74	NOTE 1	Dry	NC	NM	NC	4.06	NOTE 1	
SW-E	Staff Gauge	NOTE 1	NC	NC	NC	NC	NC	NC	3.65	NOTE 1	1.21	NOTE 1	NM	NC	1.88	NOTE 1	3.02	NOTE 1	2.90	NOTE 1	NM	NC	2.01	NOTE 1	
SW-F	Staff Gauge	NOTE 1	NC	NC	NC	NC	NC	NC	3.56	NOTE 1	3.61	NOTE 1	NM	NC	NM	NC	3.51	NOTE 1	Dry	NC	NM	NC	3.48	NOTE 1	
SW-A	Staff Gauge	NOTE 1	NC	NC	NC	NC	NC	NC	3.56	NOTE 1	3.31	NOTE 1	NM	NC	NM	NC	NM	NC	Dry	NC	NM	NC	NM	NC	No Gauge
SW-B1	Staff Gauge	NOTE 1	NC	NC	NC	NC	NC	NC	3.56	NOTE 1	3.00	NOTE 1	2.42	NOTE 1	3.07	NOTE 1	2.88	NOTE 1	3.07	NOTE 1	2.80	NOTE 1	2.71	NOTE 1	
SW-B2	Staff Gauge	NOTE 1	NC	NC	NC	NC	NC	NC	3.56	NOTE 1	3.21	NOTE 1	2.75	NOTE 1	3.04	NOTE 1	2.88	NOTE 1	Dry	NC	3.08	NOTE 1	3.01	NOTE 1	

Notes:

1) Well elevation not available at time of water level measurement.

2) Well installed prior to May, 2003 water level measurement, top of PVC elevation and groundwater elevation are approximate.

3) NC= Not available, NM = Not Measured, NC = Not Calculated

4) PONDED=monitoring well (NC=unable due to ponded water.

5) Shallow depth to water may be due to ponded water in the vicinity of the monitoring well.

6) Well casing repaired. Well needs to be re-surveyed.

7) All depths and elevations are in feet.

8) Depth to water measured from top of protective steel casing.

9) Could not measure, est. 1 ft from top of casing

Prepared by: kEP
Checked by: JKU
Reviewed by:

ATTACHMENT B

EMP/GMP SUMMARY ANALYTICAL TABLES

UPPER SAND

SUMMARY OF HISTORICAL GROUND WATER QUALITY DATA
WELL B-8WT

DOWNGRADIENT WELL
SCREENED INTERVAL - 1 - 10.5 FEET BGS

Well B-8WT
[1 - 10.5 feet BGS]

constituent (ppb)	ICL	Nov-86	Apr-93	Jul-93	Oct-93	Nov-93	May-94	Oct-94	May-95	Dec-95	Jun-96	Dec-96	May-97	Dec-97	May-98	Nov-98	May-99	Dec-99	Aug-00	Dec-00
benzene	5	ND	1	4	4	<25	<13	4	<3.3	1	<1	1	<1	4	<1	5	<1	4	5	---
ethylbenzene	---	<5	6	29	29	28	17	25	6	5	<1	7	4	16	2	25	<1	10	30	---
toluene	1,000	47.8	4	11	14	<25	12(J)	12	2(J)	1	<1	2	1(B)	3	<1	4	<1	1	3	---
xylene	---	<5	5	32	36	<25	18	30	8	5	<1	6	2	11	1	18	<1	6	12	---
PCE	5	ND	<0.4	<0.4	<0.4	<25	<13	<1	<3.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---
TCE	5	ND	2	1	0.8	<25	<13	<1	2(J)	<1	<1	0.6(J)	<1	<1	<1	<1	<1	4	<1	---
1,2-DCE	70	ND	6	11	3.7	<25	<13	2	3(J)	<1	<1	1	<1	0.8(J)	<1	1.7(J)	<1	5.6(J)	2.7(J)	---
vinyl chloride	2	---	23	39	24	<52	<13	<1	5	3	<1	2	<1	<1	<1	<1	<1	8	<1	---
acetone	700	59.6	---	6		240(J)	63(R)	8(R)	<17	2	<5	<5	<5	6	<5	6	<5	<5	3(J)	---
tetrahydrofuran	154	34	50	320	340	390	120(J)	340(J)	98	75	<5	85(E)	<5	210	<5	360	<5	120	320	---
2-butanone	200	ND	---	<5	<5	<130	63(R)	6(R)	<17	<5	<5	<5	<5	<5	4(J)	3(J)	<5	<5	<5	---
4-methyl 2-pentanone	350	26.6	---	<5	2(JB)	<130	63(J)	<5	<17	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	---
methylene chloride	5	---	<1	<1	<1	91(J)	<50	<1	3(B)	0.5(J)	1(B)	0.7(JB)	5(B)	7(B)	2(B)	2(B)	0.6(JB)	0.7(JB)	<1	---
1,1,1-TCA	---	ND	<0.5	<0.5	<0.5	<25	<13	<1	<3.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---
1,1-DCA	---	<5	0.8	3	3	<25	<13	3	<3.3	0.6(J)	<1	<1	<1	2	<1	2	<1	2	2	---
1,1-DCE	7	ND	<1.3	<1.3	<1.3	<25	<13	<1	<3.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---
1,2-DCA	5	ND	3	7	6	<25	<13	<6	2(J)	1	<1	<1	<1	<1	<1	3	<1	3	4	---
bromomethane	---	---	<0.3	<0.3	<0.3	<25	<13	<1	<3.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---
chloromethane	---	---	<0.4	<0.5	<0.5	<25	<13	<1	<3.3	<1	2	1	<1	<1	<1	<1	<1	<1	<1	---
chloroform	---	---	<0.7	<0.7	<0.7	<25	<13	<1	<3.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---
dibromochloromethane	---	---	<0.3	<0.3	<0.3	<25	<13	<1	<3.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---
bromoform	---	---	<0.3	<0.3	<0.3	<25	<13	<1	<3.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---
carbon disulfide	---	---	---	<5	14	<25	<13	<1	<3.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---
styrene	---	---	<0.4	<0.4	<0.4	<25	<13	<1	<3.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---
chloroethane	14,000	---	<0.4	3	3	<25	<13	2	<3.3	<1	<1	<1	<1	<1	<1	1	<1	<1	1	---
chlorobenzene	---	ND	2	8	8	<25	<13	7	2(J)	2	<1	2	<1	7	4	8	<1	6	9	---
1,2-dichloropropane	---	ND	<0.3	<0.3	<0.3	<25	<13	<1	<3.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---
1,1,2-trichloroethane	---	ND	<0.2	<0.2	<0.2	<25	<13	<1	<3.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---
cis-1,3-dichloropropene	---	ND	6	<0.4	<0.4	<25	<13	<1	<3.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---
trans-1,3-dichloropropene	---	ND	0.3	<0.4	<0.4	<25	<13	<1	<3.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---
1,1,2,2-tetrachloroethane	---	---	<0.3	<0.3	<0.3	<25	<13	<1	<3.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---
2-hexanone	---	---	---	<5	<5	<130	<63	<6	<17	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	---
arsenic (dissolved)	10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	30	---
arsenic (total)	---	---	---	72.5	---	31.5	19.5	38.2	17.3	16.1	14.6	13.3	12	20	11.4	27.1	10.5	12.6	29.1	---
calcium	---	---	30,600	69,800	60,500	59,700	46,000	59,600	25,900	25,000	8,890	27,800	15,600	46,900	14,200	66,600	6,410	45,200	---	---
iron (dissolved)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	124,000	---
iron (total)	---	---	235,000	227,000	141,000	139,000	87,000	124,000	54,700	48,100	20,000	60,100	32,900	96,500	34,100	133,000	15,600	76,400	120,000	---
magnesium	---	---	15,000	42,400	20,000	15,900	11,400	16,300	5,920	6,650	2,170(B)	7,610	3,560	14,600	2,830	20,700	1,050(B)	14,400	---	---
manganese (dissolved)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	9,480	---
manganese (total)	---	---	1,520	4,170	3,280	3,120	2,270	4,000	1,700	2,120	762	3,190	1,680	7,280	2,180	10,400	845	8,120	9,240	---
potassium	---	---	9,960	27,400	7,410	4,500(B)	<3,690	4,400	2,160(B)	2,950(B)	1,560(B)	2,470	2,200	4,010(B)	490(B)	5,480	1,780(B)	4190(B)	---	---
sodium	---	---	14,900	86,500	89,000	92,100	58,900	98,600	30,500	45,100	6,000	43,400	21,200	110,000	11,200	153,000	2,690(B)	102,000	---	---
pH (SU)	---	5.50	---	---	---	6.19	6.00	6.03	5.98	6.69	5.60	6.86	5.88	6.14	6.13	5.95	5.58	5.69	5.87	---
SC (mS/cm)	---	0.07	---	---	---	1.26	1.09	1.49	0.59	---	0.15	0.96	0.29	1.28	0.27	1.73	0.85	0.75	1.77	---
Turb (NTU)	---	---	---	---	---	2.40	10	7	2	10	1	-8	11	4	0	0	1	0	1	---
DO (mg/l)	---	---	---	---	---	1.10	0.31	0.18	0.27	3.20	0.16	0.74	0.24	0.32	0.42	0.26	0.04	0	0.28	---
Eh (mv)	---	---	---	---	---	-76.3	-68.6	-73	---	-216	-23	-39	15	-33	-15	6	38	-11	45.2	---
Temp (^{0}C)	---	8	---	---	---	9.9	8.3	11	11	8.3	14	6.9	11	6.2	8	10	10	8.1	14	---
Water Level Elevation	148.37	---	---	---	---	145.99	145.95	144.39	145.72	146.07	143.86	146.19	145.13	143.92	144.96	143.81	145.22	145.77	145.46	145.67

constituent (ppb)	Jul-01	Nov-01	May-02	Dec-02	May-03	Nov-03	May-04	Dec-04	Jun-05	Jun-06	Oct-06	Jun-07	Oct-07	Jun-08	Nov-08	May-09	Nov-09	May-10	Nov-10	May-11
benzene	3	3	4	6	6	7(J)	3.5	4	4	<1	6	<1	4	<1	<1	<1	<1	<1	0.7(J)	1
ethylbenzene	13	16	11	28(B)	20	28	12	17	19	<1	15	<1	13	<1	<1	<1	<1	<1	2	2
toluene	2	1	1	2	1	2(J)	<1	1	1.0(J)	<1	0.7(J)	<1	0.5(J)	<1	<1	<1	<1	<1	<1	<1
xylene	9	10	3	10(B)	12	26	11.9	18	21	<3	19	<3	11	<3	<3	<3	<3	<3	<3	2(J)
PCE	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
TCE	<1	<1	<1	6	<1	<10	<1	<1	0.3(J)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCE	2	1	1	7	0.8(J)	2(J)	<1	0.4(J)	0.4(J)	<1	1	<1	0.5(J)	<1	<1	<1	<1	<1	<1	0.3(J)
vinyl chloride	0.9(J)	1	6	18	4	<10	<1	<1	0.4(J)	<1	2	<1	0.8(J)	<1	<1	<1	<1	<1	0.4(J)	0.4(J)
acetone	3(JB)	4(J)	<5	24	<5	<10	<1	5	5(J)	<5	6	<5	7(B)	<5	<5	<5	<5	<5	<5	<5
tetrahydrofuran	160	150	250	520	190	<10	83	220	150(B)	<5	370	<5	300	8	<5	<5	2(J)	<5	30	35
2-butanone	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	2(J)	<5	<5	<5	<5	<5	<5	<5
4-methyl 2-pentanone	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
methylene chloride	<1	<1	<1	<1	3(B)	<10	<1	<1	<2	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,1,1-TCA	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCA	0.9(J)	0.7(J)	<1	1	2	2(J)	<1	<1	<1	<1	1	<1	0.9(J)	<1	<1	<1	<1	<1	<1	<1
1,1-DCE	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCA	3	2	2	3	3	3(J)	<1	2	1	<1	2	<1	1	<1	<1	<1	<1	<1	<1	<1
bromomethane	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloromethane	<1	0.8(JB)	0.6(J)	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.3(J)	<1
chloroform	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
dibromochloromethane	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromoform	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
carbon disulfide	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
styrene	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroethane	0.5(J)	<1	2	<1	<1	<10	<1	<1	0.4(J)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chlorobenzene	5	5	6	10	10	12	6.5	7	8	<1	12	<1	6	<1	<1	<1	<1	<1	<1	2
1,2-dichloropropane	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-trichloroethane	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-hexanone	<5	<5	<5	26	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
arsenic (dissolved)	15.9	15.5	11.8	11.3	21.2	25.3(E)	22.3	20.1	17.9	8.4	22.6	4.2(B)	17.1	5.1(B)	2.8(B)	1.8(B)	<2.4	2.4(J)	4.9(J)	8.7
arsenic (total)	16.4	16.6	11.1	12.6	20.2	17.6	21.1	21.1	22.4	7.3(B)	17.4	4.1(B)	22.5	5.5(B)	2.5(B)	2.5(B)	<2.4	2.2(J)	4.4(J)	7.0(J)
calcium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
iron (dissolved)	87,400	84,400	80,700	97,100	120,000	101,000	62,800	94,500	82,100	15,900	98,000	9,460	62,800	7,970	3,010	2,920	2,980	2,160	11,900	17,200
iron (total)	88,400	81,400	83,000	99,100	114,000	102,000	63,200	91,200	78,000	16,300	99,400	9,470	65,700	8,550	3,000	3,230	2,860	2,260	11,700	16,200
magnesium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
manganese (dissolved)	5,780	7,450	6,760	10,700	11,200	9,160	5,490	7,470	6,040	1,030	7,150	497	4,510	271	77	111	63.3	39.6	756	997
manganese (total)	5,940	7,220	6,970	10,600	10,800	9,200	5,510	7,130	5,640	1,080	7,250	494	4,650	280	77.7	111	61.5	41.2	748	939
potassium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
sodium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
pH (SU)	5.52	6.04	5.93	5.86	5.98	6.02	5.60	6.16	5.83	5.09	6.33	5.38	6.05	5.16	5.03	5.03	4.58	4.45	5.64	5.7
SC (mS/cm)	1.07	1.14	1.26	2.48	1.74	1.91	1.16	1.60	1.29	0.068	1.919	0.025	0.835	0.084	0.036	0.06	0.042	0.037	0.257	0.338
Turb (NTU)	6.60	2.10	4.82	3.60	0.99	0	2.9	0.83	0.8	3.54	0.23	0.30	1.18	6.92	1.14	1.21	2.93	0.08	0.69	2.09
DO (mg/l)	0.68	1.30	0.61	3.22	0.95	0.78	0.37	0.31	0.32	1.96	0.37	0.30	0.31	0.69	0.17	0.41	0.48	NM	0.36	0.65
Eh (mv)	-2.60	-33	19.9	-158	-14	42.3	6.7	-29.7	-33.8	359.1	-68.8	63.5	-134.3	74.5	114.5	110.8	152.7	114.2	48.7	48.8
Temp (^{0}C)	14	10	9.7	8.7	9.2	10	10	7.2	10.6	14.27	11.27	11.67	11.77	12.17	11.10	9.59	10.69	9.42	10.26	8.14
Water Level Elevation	145.72	142.18	145.92	145.31	144.86	145.95	145.77	146.02	145.97	145.15	145.95	145.87	144.07	145.00	144.99	145.05	---	144.44	145.23	145.32

SUMMARY OF HISTORICAL GROUND WATER QUALITY DATA
WELL B-9WT

DOWNGRADIENT WELL
SCREENED INTERVAL - 4 - 14 FEET BGS

Well B-9WT
[4 - 14 feet BGS]

constituent (ppb)	ICL	Nov-86	May-94	Oct-94	May-95	Dec-95	Jun-96	Dec-96	May-97	Dec-97	May-98	Nov-98	May-99	Dec-99	Aug-00	Dec-00	Jun-01	Nov-01	May-02	Dec-02	Jun-03	Nov-03	May-04	Dec-04	Jun-05	Oct-05	Jun-06	Oct-06	Jun-07	Oct-07	Jun-08	Nov-08	May-09	Nov-09	May-10	Nov-10*	May-11
benzene	5	ND	<1	<1	<1	<1	<1	<1	<1	**1**	<1	<1	<1	<1	<1	<1	<1	<1	<1	**0.2(J)**	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1
ethylbenzene	---	ND	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1
toluene	1,000	ND	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1
xylene	---	ND	<1	<1	<1	<3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	---	<3
PCE	5	ND	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1
TCE	5	ND	<1	<1	<1	<1	<1	<1	<1	**1**	<1	**1(B)**	<1	**0.6(J)**	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1
1,2-DCE	70	ND	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**0.8(J)**	<1	**0.5(J)**	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1
vinyl chloride	2	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**0.6(J)**	<1	**0.5(J)**	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1
acetone	700	ND	**5(R)**	**5(R)**	<5	**14(B)**	<5	<5	<5	**4(J)**	<5	**3(J)**	<5	<5	<5	<5	<5	<5	**4(J)**	<5	<5	<10	<1	**6**	<5	<5	<5	<5	<5	**3(J)**	<5	<5	<5	<5	<5	---	<5
tetrahydrofuran	154	ND	**5(R)**	**1(R)**	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	---	<5
2-butanone	200	ND	**5(R)**	**5(R)**	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	---	<5
4-methyl 2-pentanone	350	ND	**5(J)**	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	---	<5
methylene chloride	5	---	<1	<1	**0.7(JB)**	<1	**1(B)**	**0.7(JB)**	**6(B)**	**11(B)**	**7(B)**	**2(B)**	**0.6(JB)**	**2(B)**	**0.8(J)**	<1	<1	<1	<1	<1	<1	<10	<1	<1	<2	<1	<5	<5	<5	<5	<5	**0.4(JB)**	<5	<5	<5	---	<5
1,1,1-TCA	---	ND	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1
1,1-DCA	---	ND	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1
1,1-DCE	7	ND	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1
1,2-DCA	5	ND	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1
bromomethane	---	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1
chloromethane	---	---	<1	<1	<1	<1	**4**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	**0.4(J)**	<1	<1	<1	---	<1
chloroform	---	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1
dibromochloromethane	---	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1
bromoform	---	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1
carbon disulfide	---	---	**1(J)**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1
styrene	---	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1
chloroethane	14,000	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1
chlorobenzene	---	ND	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1
1,2-dichloropropane	---	ND	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1
1,1,2-trichloroethane	---	ND	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1
cis-1,3-dichloropropene	---	ND	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1
trans-1,3-dichloropropene	---	ND	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1
1,1,2,2-tetrachloroethane	---	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1
2-hexanone	---	---	<5	**5(R)**	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	---	<5
arsenic (dissolved)	10	---	---	---	---	---	---	---	---	---	---	---	---	---	<8	<2.53	<2.53	<2.53	<2.08	<2	<1.80	<1.30	<1.30	<3.03	<2.81	<3.45	<3.45	<3.09	<0.83	<0.83	<1.7	<0.98	<1.50	<2.4	<1.86	---	<1.43
arsenic (total)	---	---	<2.60	<2	<2.70	<2.40	<1	<2.10	11	<2.54	2.9(B)	67.6	2.9(B)	<2.19	<8	<2.53	<2.53	<2.53	62.3	**44.7**	<1.80	<1.30	<1.30	<3.03	<2.81	<3.45	<3.45	<3.09	<0.83	<0.83	<1.7	<0.98	<1.50	<2.4	<1.86	---	<1.43
calcium	---	---	4,300(B)	5,230	4,010(B)	4,150(B)	3,620(B)	3,880	4,090	8,100	3,930	4,460	3,750(B)	5,230	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
iron (dissolved)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	150	218	664	50.6(B)	197	925	51.8(B)	23.8(B)	62.8(B)	26.3(B)	240	41(B)	614	38.8(B)	32.8(B)	124	18.2(B)	34.7(B)	29.5(B)	37.5(B)	23.4(J)	---	69(J)
iron (total)	---	---	1,800	2,010	1,620	4,140	1,010	1,390	13,800	964	1,700	61,300	725	2,780	1,090	361	1,810	798	48,900	40,500	56.5(B)	39.4(B)	65.8(B)	138	256	41.9 (B)	716	40.2(B)	64.0(B)	5,550	30.2(B)	61.4(B)	43.9(B)	84.9(B)	31.7(J)	---	214
magnesium	---	---	1,280(B)	1,430	1,150(B)	1,170(B)	1,060(B)	1,100	1,260	2,420(B)	1,080	1,290	1,040(B)	1,520(B)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
manganese (dissolved)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.7	31.6	53.4	49.9	25	48.6	4.9(B)	6.8(B)	7.8(B)	4.6(B)	11.2	10.7	13	10.6	13.2	12.6	5.7	5.6	4.6(B)	7.4	3.6(J)	---	4.3(J)
manganese (total)	---	---	61.4	60.8	55.6	54.7	55.5	58.1	60.7	134	50.8	63.5	48.5	68.6	41.2	32.6	42.5	54.2	25.7	52.5	4.4(B)	9(B)	7.9(B)	4.8(B)	11.4	9.8	13	10.2	13.3	20.1	5.7	5.8	4.4(B)	7.6	4.1(J)	---	4.3(J)
potassium	---	---	<595	1,170	885(B)	<2,340	761(B)	1,250	800(B)	1,430(B)	772(B)	1,160	804(B)	1,030(B)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
sodium	---	---	5,010	4,710	4,160(B)	6,280	3,880(B)	3,970	3,580	10,400	3,170	4,420	3,940(B)	8,460	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
pH (SU)	---	5.70	5.45	5.17	5.27	5.76	5.08	5.88	5.51	5.42	5.30	5.14	4.89	4.83	4.80	5.13	3.31	5.01	5.13	5.43	4.98	5.17	4.43	5.09	4.82	4.91	4.66	5.13	4.76	5.05	4.87	4.96	4.53	4.84	4.99	4.70	4.81
SC (mS/cm)	---	0.042	0.063	0.069	0.065	0.038	0.059	0.085	0.055	0.137	0.056	0.072	0.025	0.552	0.039	0.038	0.034	0.069	0.061	0.071	0.027	0.031	0.037	0.035	0.035	0.034	0.025	0.035	0.036	0.068	0.03	0.031	0.031	0.036	0.028	0.054	0.045
Turb (NTU)	---	---	10	10	29	16	43	9	1	0	1	474	0	4	17	0	0.70	90	---	21.9	0.75	3.9	3.7	0.65	0.89	1.55	1.7	1.15	0.81	5.69	0.29	0.37	2.9	1.51	0.18	12	0.96
DO (mg/l)	---	---	1.81	1.75	4.48	5.32	2.35	3.17	2.46	5.39	3.88	4.06	3.40	7.49	7.70	2.49	3.63	4.30	7.61	10.73	3.45	8	1.99	9.47	0.84	6.01	0.76	2.02	1.60	5.94	4.05	2.98	1.05	1.48	2.41	4.07	0.96
Eh (mv)	---	---	188	209	---	-72	232	161	225	180	293	253	258	158	132	274	284	182	221	30.6	157	181	364	247	171	267.3	269.7	270.3	339.0	4.2	2.29	271.40	345.2	164.5	297.3	133.8	205.1
Temp (^{o}C)	---	10	7	9.6	7.4	8.2	8.1	9.1	6.2	7.6	6.2	9.8	7.3	9.6	12	8.8	11	9.4	8.1	8.8	9.5	11	7.8	6.8	8.6	12.1	13.2	12.44	10.27	13.15	10.01	11.58	8.90	11.24	8.55	10.92	7.39
Water Level Elevation	143.85	---	137.39	127.69	129.79	130.16	134.16	137.59	137.59	143.06	130.35	129.35	129.57	129.47	128.74	128.65	130.14	126.85	128.44	126.87	138.55	133.97	135.19	137.11	138.65	137.74	139.11	131.79	132.65	130.17	137.88	138.67	140.16	138.50	132.31	130.21	133.69

"*" denotes that Well B-9WT contained an insufficient amount of water to collect a sample.

SUMMARY OF HISTORICAL GROUND WATER QUALITY DATA
WELL EP-1S

DOWNGRADIENT WELL
SCREENED INTERVAL - 6 - 16 FEET BGS

Well EP-1S
[6 - 16 feet BGS]

constituent (ppb)	ICL	Nov-93	May-94	Oct-94	May-95	Dec-95	Jun-96	Dec-96	May-97	Dec-97	May-98	Nov-98	May-99	Dec-99	Aug-00	Dec-00	Jul-01	Nov-01	May-02	Dec-02	May-03	Nov-03	May-04	Dec-04	Jun-05	Jun-06	Oct-06	Jun-07	Nov-07	Jun-08	Nov-08	May-09	Nov-09	May-10	Nov-10	May-11
benzene	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
ethylbenzene	---	<1	<1	<1	<1	<1	**0.6(J)**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
toluene	1,000	<1	<1	<1	<1	<1	<1	<1	**5**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
xylene	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
PCE	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	**0.5(JB)**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
TCE	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCE	70	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**0.9(J)**	**0.2(J)**
vinyl chloride	2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
acetone	700	<5	<5	**5(R)**	**3(J)**	<5	<5	<5	<5	<5	<5	**2(J)**	<5	<5	<5	<5	**2(J)**	<5	**2(J)**	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
tetrahydrofuran	154	<5	<5	**1(R)**	<5	<5	<5	<5	<5	<5	<5	**5(J)**	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
2-butanone	200	<5	<5	**5(R)**	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
4-methyl 2-pentanone	350	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
methylene chloride	5	**1(J)**	<1	<1	**0.4(JB)**	**0.6(J)**	**0.9(JB)**	<1	**5(B)**	**8(B)**	**2(B)**	**3(B)**	**0.7(JB)**	**0.9(JB)**	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<2	<5	<5	<5	<5	<5	**0.4(J)**	<5	<5	<5	<5	<5
1,1,1-TCA	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCA	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCE	7	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCA	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromomethane	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloromethane	---	<1	<1	<1	<1	<1	**0.8(J)**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroform	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
dibromochloromethane	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromoform	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
carbon disulfide	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
styrene	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroethane	14,000	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chlorobenzene	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-dichloropropane	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-trichloroethane	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-hexanone	---	<5	<5	**5(R)**	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
arsenic (dissolved)	10	---	---	---	---	---	---	---	---	---	---	---	---	---	<8	<2.5	<2.5	<2.5	<2.1	<2	<1.8	<1.3	2.2(B)	<3	<2.81	<3.45	<3.09	<0.83	1.8(B)	<1.7	<0.98	<1.50	<2.4	<1.95	<1.86	<1.43
arsenic (total)	---	5.9(B)	<2.6	<2.8	<2.7	2.3(B)	2.5(B)	<2.1	<3	<2.5	2.3(B)	2.0(B)	<2.1	<2.2	<8	<2.5	<2.5	<2.5	<2.1	<2	<1.8	<1.3	3.0(B)	<3	<2.81	<3.45	<3.09	<0.83	1.3(B)	<1.7	<0.98	<1.50	<2.4	<1.95	<1.86	<1.43
calcium	---	3,450(B)	1,860(B)	2,800	1,940(B)	1,880(B)	1,920(B)	1,900	1,730	1,820(B)	1,590	4,110	1,770(B)	1,770(B)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
iron (dissolved)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1,540	1,790	1,560	1,660	1,050	905	707	1,610	1,170	1,320	787	757	224	269	322	38.8(B)	226	41.6(B)	83.1(B)	130	433	116
iron (total)	---	2,760	1,400	1,670	1,690	1,480	1,310	1,310	1,170	1,220	1,280	740	1,410	1,390	1,730	1,910	1,660	1,730	1,140	1,290	765	1,580	1,030	1,350	958	1,030	282	283	361	163	509	178	144	216	438	301
magnesium	---	1,580(B)	1,340(B)	1,690	1,450(B)	1,380(B)	1,420(B)	1,280	1,150	1,150(B)	1,130	1,760	1,210(B)	1,160(B)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
manganese (dissolved)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	60.2	54.2	44.6	50.2	29.9	54.9	30.2	47	43.6	40.5	24.3	27.1	22.4	22.7	35.6	12.9	18.9	14	15.1	16	112	9.1
manganese (total)	---	145	28.1	99.8	28.2	40	35.4	38.5	34.9	46.4	38.5	213.0	45.3	47.3	60.3	54.6	46.1	49.5	28.1	60.8	31	41.5	37	40.9	26.8	26.8	22.5	21	33.6	13.6	19.9	14.1	17.1	16.4	108	8.9
potassium	---	2,450(B)	<2,670	2,180	2,380(B)	2,670(B)	2,190(B)	2,730	2,600	2,630(B)	2,240	2,110	2,400(B)	2,540(B)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
sodium	---	6,740	5,060	6,210	3,910(B)	5,140	4,960(B)	4,240	4,140	3,990(B)	3,590	6,500	3,380(B)	3,120(B)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
pH (SU)	---	---	5.92	5.65	5.66	6.12	5.40	6.34	5.57	5.61	5.19	5.65	5.40	4.85	5.00	5.57	2.46	5.44	5.49	5.25	4.62	5.52	5.30	5.45	5.35	5.09	5.15	4.84	5.31	5.04	5.34	5.31	4.99	4.86	5.41	5.05
SC (mS/cm)	---	---	0.056	0.076	0.052	0.032	0.064	0.076	0.047	0.058	0.050	0.077	0.024	0.029	0.045	0.034	0.041	0.055	0.046	0.053	0.046	0.06	0.06	0.06	0.04	0.038	0.037	0.0031	0.05	0.024	0.031	0.038	0.042	0.031	0.073	0.028
Turb (NTU)	---	---	17	1	10	2	0	-10	0	6	3	0	0	---	3.10	1.70	1	0.500	0.510	1.59	1.10	3	6.30	1.03	2.24	4.76	1.38	0	---	0.55	0.78	0.38	0.95	0.089	2.9	2.01
DO (mg/l)	---	---	1.29	1.77	3.73	5.77	3.66	3.39	3.03	1.50	2.10	0.62	1.44	2.45	1.60	1.37	3.03	1.33	1.20	3.71	26.6R	2.89	5.35	2.57	2.76	1.46	1.75	3.10	1.12	2.59	1.82	3.67	2.14	NM	0.41	1.30
Eh (mv)	---	---	145	145	167	-6.50	204	144	172	105	168	124	138	188	132	135	288	38.2	83.9	-101	364	162	101	144	125	222.4	226.5	227.3	132.1	302.2	214.7	226.1	149.8	253.8	203.4	149
Temp (°C)	---	---	7.7	7.7	8.6	8.2	11	7.9	7.8	7.1	7.2	11	9.3	8.9	15	7.8	13	12	10	8.9	13	11	9.3	7.4	9.8	10.76	12.42	10.29	12.04	11.81	10.87	10.87	11.86	8.52	11.57	8.29
Water Level Elevation	146.21	142.82	142.78	141.20	142.59	142.95	140.98	143.33	142.74	142.36	143.27	141.55	142.09	142.26	142.04	142.43	142.82	139.39	142.39	142.13	142.70	142.96	142.79	143.03	142.48	143.61	143.12	142.39	141.68	142.60	142.54	142.60	142.95	141.95	142.11	143.06

SUMMARY OF HISTORICAL GROUND WATER QUALITY DATA
GMP WELL MW-103S

LANDFILL PERIMETER WELL
SCREENED INTERVAL - 14 - 19 FEET BGS

GMP Well MW-103S
[14 - 19 feet BGS]

constituent (ppb)	ICL	AGQS	Nov-89	Oct-93	Dec-93	May-94	Oct-94	May-95	Dec-95	Jun-96	Dec-96	May-97	Dec-97	May-98	Nov-98	May-99	Dec-99	Aug-00	Dec-00	Jul-01	Nov-01	May-02	Dec-02	May-03	Nov-03	May-04	Dec-04	May-05	Jun-06	Oct-06	Jun-07	Oct-07	Jun-08	Nov-08	May-09	Nov-09	May-10	Nov-10	May-11
benzene	5	5	80	55	66	68	64	41	66	75	69	71	67	59	54	69	63	52	56	62	65(B)	68	77	69	53	50	70	73	54	52	49	41	52	49	44	33	32	34	31
ethylbenzene	---	700	94	52	72	71	74	47	64	82	82	88	94	80	77	94	90	95	74	94	97	110	100(B)	93	57	52	81(B)	82	39	36	36	32	35	32	31	24	22	19	14
toluene	1,000	1,000	260	<17	12	11(J)	8	6	9	8	7	5	6	4	3	2	2	1(B)	2	1	2(B)	2	10	2	<20	1.3	2(B)	3	1	1	1	0.8(J)	2	2	2	2	1	1(J)	0.9(J)
xylene	---	10,000	520	270	320	330	340	260	390	320	440	440	430	420	380	390	370	480	360	400	400	480	340	370	270	295.9	420	420	380	360	420	400	403	485	440	400	340	400	290
PCE	5	5	<5	<17	<8.3	<13	<1	<8.3	<6	<6	<1	<1	2	<1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
TCE	5	5	<5	<17	<8.3	<13	<1	<8.3	<6	<6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCE	70	70	<5	<17	<8.3	<13	<1	<8.3	<6	<6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
vinyl chloride	2	2	<10	<17	<8.3	<13	<1	<8.3	3(J)	<6	2	3	<1	1	<1	0.9(J)	1	1	0.9(J)	1	0.9(J)	1	1(J)	<1	<20	<1	0.6(J)	1	2	2	1	1	1	1	0.7(J)	<1	0.8(J)	2	<1
acetone	700	6,000	<20	<83	<42	<63	15(J)	28(J)	<31	<28	4(J)	<5	9	7	14	3(J)	<5	<5	<5	<5	<5	6	<5	<5	29	19	7	<5	<5	<5	<5	3(J)	4(J)	4(J)	<5	<5	<5	6	<5
tetrahydrofuran	154	154	---	180	180	190	220(J)	120	250	160	150	<5	96	<5	91	100	110	160	100	170	200	260	280	150	260	200(E)	150	130	110	140	160	120	160	100	150	140	110	120	74
2-butanone	200	---	<20	<83	<42	<63	5 (R)	<42	<31	<28	<5	4(J)	5	4(J)	8	<5	<5	<5	<5	<5	<5	<5	<5	<5	<20	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
4-methyl 2-pentanone	350	---	<5	<83	<42	<63	<5	<42	<31	<28	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<20	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
methylene chloride	5	5	<5	40(J)	16(B)	17(B)	2	14(B)	5(J)	5(JB)	2	4(B)	<1	7(B)	2(B)	2(B)	2(B)	1(B)	0.7(JB)	0.5(JB)	0.8(JB)	<1	<1	0.8(B)	<20	<1	<1	<2	<5	<5	<5	<5	0.3(BJ)	1(JB)	0.8(J)	<5	<5	<5	<5
1,1,1-TCA	---	200	---	<17	<17	<13	<1	<8.3	<6	<6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCA	---	81	<5	<17	<17	<13	0.9(J)	<8.3	<6	<6	2	1	1(J)	0.8(J)	<1	0.8(J)	0.9(J)	0.6	0.6	0.6	0.9(J)	0.9(J)	2	1	<20	<1	0.9(J)	1	0.6(J)	0.6(J)	0.4(J)	0.4(J)	<1	0.3(J)	0.3(J)	<1	<1	<1	<1
1,1-DCE	7	7	---	<17	<8.3	<13	<1	<8.3	<6	<6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCA	5	5	<5	<17	<8.3	<13	<1	<8.3	<6	<6	3	<1	<1	<1	<1	0.9(J)	0.6	<1	0.5(J)	0.5(J)	<1	<1	<1	<1	<20	<1	0.2(J)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromomethane	---	10	---	<17	<17	<13	<1	<8.3	<6	<6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<20	<1	<1	<1	<1	<1	<1	<1	<1	0.7(J)	<1	<1	<1	<1	<1
chloromethane	---	30	<10	<17	<17	<13	<1	<8.3	<6	<6	<1	4	<1	<1	<1	<1	<1	<1	<1	0.5(J)	0.6(J)	<1	<1	<1	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroform	---	70	---	<17	<17	<13	<1	<8.3	<6	<6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
dibromochloromethane	---	60	---	<17	<17	<13	<1	<8.3	<6	<6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromoform	---	4	---	<17	<17	<13	<1	<8.3	<6	<6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
carbon disulfide	---	70	---	<17	<17	<13	<1	<8.3	<6	<6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	3(B)	<1
styrene	---	100	---	<17	<17	<13	<1	<8.3	<6	<6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroethane	14,000	---	22	17	15	16	19	12	14	12	20	15	13	11	9	10	12	7	6	9	7	10	13	9	<20	4.1	4	6	4	2	<1	2	2	2	<1	<1	<1	<1	<1
chlorobenzene	---	100	<5	<17	8(J)	10(J)	9	<8.3	5(J)	6	7	9	9	9	9	8	10	12	13	9	11	10	8	9	103	9.1	14(B)	14	16	18	25	27	26	30	31	28	32	31	27
1,2-dichloropropane	---	5	<5	<17	<8.3	<13	0.4(J)	<8.3	<6	<6	0.6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-trichloroethane	---	5	---	<17	<8.3	<13	<1	<8.3	<6	<6	<1	<1	<1	<1	<1	<1	<1	<1	<1	1	<1	<1	4	<1	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	---	---	---	<17	<17	<13	<1	<8.3	<6	<6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	---	---	---	<17	<17	<13	<1	<8.3	<6	<6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	---	2	---	<17	<17	<13	<1	<8.3	<6	<6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-hexanone	---	---	19	<83	<83	<63	5 (R)	<42	<31	<28	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	120	<5	<20	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
GMP constituents																																							
cis-1,2-DCE	70	70	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
trans-1,2-DCE	---	100	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
dichlorodifluoromethane	---	1,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<2	<2	<2	<2	<2
isopropylbenzene	---	800	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	38	32	31	32	28
n-propylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	53	38	36	38	32
1,3,5-trimethylbenzene	---	330	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	71	54	51	52	43
tert-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.5(J)	0.4(J)	0.3(J)	<1	<1
1,2,4-trichlorobenzene	---	70	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.4(J)	<1	<1	0.4(J)	0.4(J)
sec-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	1	1	1	<1
1,3-dichlorobenzene	---	600	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.4(J)	<1	0.3(J)	<1	0.4(J)
p-isopropyltoluene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	7	4	2	3	2
1,4-dichlorobenzene	---	75	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	14	12	14	13	14
1,2-dichlorobenzene	---	600	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	1	1	1
n-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	0.7(J)	0.6(J)	0.8(J)	0.8(J)
1,2,4-trimethylbenzene	---	330	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	200	150	140	150	110
naphthalene	---	20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	15	11	12	19	17
methyl tert-butyl ether	---	13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
diethyl ether	---	1,400	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	16	18	9	20	12
ethyl tertiary-butyl ether	---	40	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
di-isopropyl ether	---	120	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
tertiary-butyl alcohol	---	40	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<5	9	<5	11	<5
1,4-dioxane	---	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<10	<2	<2	<20	<2
arsenic (dissolved)	10	10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	133	142	140	146	125	125	156	129(E)	144	152	144	144	134	143	143	136	142	136	145	142	140	148
arsenic (total)	---	---	---	156	156	172	200	92.6	80.7	147	159	150	131	134	135	141	141	133	145	140	131	131	131	145	132	139	149	141	140	138	144	140	137	144	134	145	138	139	148
calcium	---	---	---	121,000	121,000	116,000	103,000	114,000	101,000	102,000	112,000	113,000	94,700	94,000	103,000	98,000	99,500	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
iron (dissolved)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	159,000	150,000	169,000	165,000	146,000	172,000	188,000	135,000	151,000	167,000	163,000	171,000	154,000	169,000	170,000	165,000	148,000	140,000	144,000	147,000	152,000	134,000
iron (total)	---	---	---	131,000	131,000	120,000	110,000	98,600	112,000	133,000	150,000	153,000	144,000	147,000	157,000	155,000	160,000	158,000	148,000	167,000	151,000	151,000	175,000	175,000	143,000	145,000	161,000	161,000	170,000	156,000	168,000	167,000	166,000	152,000	139,000	141,000	145,000	151,000	136,000
magnesium	---	---	---	20,100	20,100	18,600	162,000	17,100	13,500	12,500	14,200	13,500	11,300	11,200	11,300	10,500	10,300	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
manganese (dissolved)	---	840	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	328	330	368	359	313(E)	370	390	309	352	348	330	377	343	395	407	412	381	373	388	431	424	389
manganese (total)	---	---	---	301	301	266	271	293	274	301	342	339	316	329	350	338	339	326	322	365	332	324(E)	377	366	324	335	343	323	376	348	392	401	416	389	373	380	424	421	392
potassium	---	35,000	---	56,400	56,400	54,200	472,000	49,000	40,300	38,600	42,200	41,400	38,500	37,400	38,000	36,800	38,300	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
sodium	---	---	---	76,600	76,600	62,400	54,000	51,000	41,100	36,500	36,100	31,700	28,200	26,300	25,400	23,000	22,700	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
pH (SU)	---	---	4.90	6.50	6.50	6.32	6.15	6.18	6.78	6.08	6.97	6.25	6.32	6.32	6.35	5.94	6.11	6.05	6.25	6.13	6.15	6.11	6.18	3.66	6.20	6.11	6.08	6.07	5.86	5.86	6.11	6	6.09	5.83	6.17	6.08	6.06	6.15	6.09
SC (mS/cm)	---	---	969	1.47	1.47	1.89	1.82	2.03	1.56	1.63	1.71	1.50	1.53	1.44	1.41	1.47	1.27	1.31	1.36	2.51	1.30	1.34	1.67	1.16	1.24	1.27	1.25	1.07	0.464	0.776	1.174	0.864	0.939	1.015	0.958	1.022	0.996	0.908	0.982
Turb (NTU)	---	---	---	4.60	4.60	2	3	3	-10	2	7	0	0	0	0	NA	126	-10	1	9.75	0.80	0.10	1.58	0.15	0.35	0.90	0.80	2.30	2.10	0.00	0.43	0.71	0.00	0.46	0.35	0.19	0.57	0.02	0.48
DO (mg/l)	---	---	---	1.30	1.30	0.06	0.04	0.00	2.32	0.08	0.47	0.02	0.00	0.54	0	0.21	0	0.30	0.15	0.70	1.70	1.06	1.57	0.93	1.16	0.64	1.12	0.69	3.19	0.65	0.57	0.25	1.03	0.33	0.58	0.34	0.63	0.37	0.23
Eh (mv)	---	---	---	-37	-37	-66.1	-68	-78	-267	-75	-61	-37	-79.2	-29	-32	-48	-114	30.2	-21	-60.6	-79.8	-30.5	-155	-9.80	-47	-10.5	-96.8	-40.2	-22.2	-61.3	-61.8	-379.2	-63.2	-51.0	-10.8	-37.1	-71.8	-65.4	-53.2
Temp (°C)	---	---	13	11	11	8.8	11	9.4	9.6	10	9.6	8.7	9.7	9	11	9.8	10	11	8.9	10	10	9	11	10	11	9.4	9.8	9.1	10.79	11.61	10.49	11.85	11.65	11.04	9.31	11.52	9.88	10.95	9.41
Water Level Elevation	146.06	NA	---	144.67	144.67	145.03	143.88	144.67	145.25	143.93	145.36	145.07	144.56	144.85	144.01	144.45	144.59	144.45	144.51	144.98	142.24	144.51	144.65	145.15	144.96	145.21	145.03	145.26	145.47	145.06	142.31	141.47	142.13	142.19	142.44	142.29	141.93	141.59	143.25

SUMMARY OF HISTORICAL GROUND WATER QUALITY DATA
WELL MW-104S

DOWNGRADIENT WELL
SCREENED INTERVAL - 15 - 20 FEET BGS

Well MW-104S
[15 - 20 feet BGS]

constituent (ppb)	ICL	Nov-89	Nov-93	May-94	Oct-94	May-95	Dec-95	Jun-96	Dec-96	Jun-97	Dec-97	May-98	Nov-98	May-99	Dec-99	Aug-00	Dec-00	Jul-01	Nov-01	May-02	Dec-02	May-03	Nov-03	May-04	Dec-04	Jun-05	Jun-06	Oct-06	Jun-07	Nov-07	Jun-08	Nov-08	May-09	Nov-09	May-10	Nov-10	May-11
benzene	5	33	15	19	20	17	18	22	20	21	17	16	16	16	17	17	18	15	13(B)	16	14	16	16	14	20	29	15	14	10	8	9	9	8	5	5	6	6
ethylbenzene	---	75	58	76	72	70	61	77	44	52	44	42	31	30	24	18	11	9	6	5	<1	<1	<10	2	<1	34	<1	<1	<1	<1	3	3	3	<1	<1	<1	<1
toluene	1,000	TR(5)	<8.3	<6	1	<4.2	<4	<6	0.7(J)	1	7	12	4	0.8(J)	<1	<1	0.6(J)	0.7(J)	0.6(JB)	0.5(J)	0.6(J)	0.8(J)	<10	<2	0.7(J)	4	0.6(J)	0.5(J)	0.7(J)	0.7(J)	0.8(J)	0.8(J)	0.5(J)	0.3(J)	0.4(J)	0.4(J)	0.5(J)
xylene	---	370	160	230	230	250	130	240	190	280	190	320	240	280	280	340	210	230	150	200	100	330	220	222.9	250	280	190	150	150	45	190	190	200	160	210	75	200
PCE	5	<5	<8.3	<6	<1	<4.2	<4	<6	<1	<1	<1	<1	0.7(J)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
TCE	5	<5	<8.3	<6	<1	<4.2	<4	<6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCE	70	<5	<8.3	<6	0.5(J)	<4.2	<4	<6	<1	<1	<1	<1	<1	<1	<1	0.7(J)	1	<1	<1	<1	<1	0.8(J)	<10	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
vinyl chloride	2	<10	6(J)	9	12	3(J)	4(J)	<6	<1	<1	1	1	<1	0.9(J)	5	8	6	5	4	4	15	16	<10	2.7	2	2	2	3	0.8(J)	<1	0.4(J)	<1	<1	<1	<1	<1	<1
acetone	700	<20	34(J)	31(R)	5(R)	15(J)	<18	<28	2(JB)	4(J)	3(J)	3(J)	3(JB)	<5	<5	<5	<5	<5	<5	20(B)	<5	<5	<10	20	<5	<5	<5	4(J)	3(J)	<5	<5	<5	3(J)	<5	<5	<5	<5
tetrahydrofuran	154	----	<42	31(R)	3(R)	<21	<18	<28	2(J)	9(B)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<2	<5	3(JB)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
2-butanone	200	<20	<42	31(R)	5(R)	<21	<18	<28	0.8(JB)	<5	3(J)	3(J)	<5	<5	<5	<5	<5	<5	<5	8	<5	<5	<10	<2	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
4-methyl 2-pentanone	350	<5	<42	31(J)	<5	<21	<18	<28	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<2	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
methylene chloride	5	<5	22(J)	<22	<1	7(B)	2(J)	4(JB)	0.7(JB)	2(B)	2	4(B)	1(B)	1(B)	<1	<1	<1	<1	<1	<1	<1	<1	<10	<2	<1	<2	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,1,1-TCA	---	----	<8.3	<6	<1	<4.2	<4	<6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCA	---	<5	<8.3	<6	0.4(J)	<4.2	<4	<6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<2	<1	0.8(J)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCE	7	----	<8.3	<6	<1	<4.2	<4	<6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCA	5	<5	<8.3	<6	<1	<4.2	<4	<6	0.6(J)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<2	<1	0.4(J)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromomethane	---	----	<8.3	<6	<1	<4.2	<4	<6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloromethane	---	----	<8.3	<6	<1	<4.2	<4	<6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<2	<1	0.3(J)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroform	---	----	<8.3	<6	<1	<4.2	<4	<6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
dibromochloromethane	---	----	<8.3	<6	<1	<4.2	<4	<6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromoform	---	----	<8.3	<6	<1	<4.2	<4	<6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
carbon disulfide	---	----	<8.3	<6	<1	<4.2	<4	<6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	3	<1
styrene	---	----	<8.3	<6	<1	<4.2	<4	<6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroethane	14,000	<10	<8.3	<6	0.9(J)	<4.2	<4	<6	0.7(J)	<1	2	1	<1	<1	<1	1	0.6(J)	2	0.6(J)	<1	<1	<1	<10	<2	<1	0.5(J)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chlorobenzene	---	9	11	14	12	15	15	19	15	19	17	20	16	20	19	20	22	23	18	19	17	23	23	16	20(B)	20	20	19	20	14	25	26	26	24	28	18	27
1,2-dichloropropane	---	----	<8.3	<6	<1	<4.2	<4	<6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-trichloroethane	---	----	<8.3	<6	<1	<4.2	<4	<6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	---	----	<8.3	<6	<1	<4.2	<4	<6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	---	<5	<8.3	<6	<1	<4.2	<4	<6	<1	<1	<1	0.7(J)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	---	----	<8.3	<6	<1	<4.2	<4	<6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-hexanone	---	----	<42	<22	5(R)	<21	<18	<28	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	18	<5	<10	<2	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
arsenic (dissolved)	10	----	---	---	---	---	---	---	---	---	---	---	---	---	---	35.7	37.6	42.2	38.9	21.4	39.3	47.3	54.3	52.2	68.5	56.2	67.4	71.1	71.2	76.9	76.9	90.9	82.6	92.9	88.5	80.5	90.9
arsenic (total)	---	----	17.8	17.2(B)	25	26.2	24.9	14	29.2	18	25.2	28	27.8	32	35.3	35.2	34.1	42.6	38.9	38.3	45.5	60	51.7	52.8	68.5	55	70.5	68.8	70.8	78.4	79.1	89.2	82.5	93.9	88.8	82.1	91.7
calcium	---	----	62,000	73,300	57,400	75,700	65,200	55,500	68,900	54,300	56,900	61,600	54,700	59,700	56,400	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
iron (dissolved)	---	----	---	---	---	---	---	---	---	---	---	---	---	---	---	104,000	104,000	169,000	84,700	50,800	72,600	105,000	81,800	92,900	99,500	105,000	107,000	90,000	95,000	73,800	96,400	87,800	88,500	80,000	84,600	59,400	82,800
iron (total)	---	----	92,900	122,000	88,300	124,000	99,900	94,200	111,000	81,500	97,200	108,000	95,700	113,000	105,000	103,000	96,900	167,000	84,800	90,500	82,500	106,000	76,400	92,800	99,000	102,000	105,000	90,300	95,200	72,100	95,500	86,000	88,000	80,100	82,800	60,400	83,500
magnesium	---	----	6,400	7,910	7,240	9,820	7,950	6,360	7,760	5,880	6,200	5,870	4,870	5,110	4,800(B)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
manganese (dissolved)	---	----	---	---	---	---	---	---	---	---	---	---	---	---	---	373	377	368	319	210	293	368	336	378	378	402	420	359	381	277	373	372	339	303	296	238	314
manganese (total)	---	----	328	390	327	422	381	344	420	330	379	420	376	432	396	373	367	365	319	340	330	392	317	374	380	389	414	360	384	269	370	366	336	301	289	238	317
potassium	---	----	34,100	38,200	32,900	41,200	39,200	30,500	37,900	32,300	33,500	30,800	28,900	30,400	29,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
sodium	---	----	19,000	21,700	20,000	21,300	19,300	15,300	17,000	11,800	9,610	8,700	7,750	8,360	8,210	---	---	---	---	---	---	7,100	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
pH (SU)	---	----	6.28	5.97	6.19	6.34	6.65	6.08	6.94	6.22	6.22	6.32	6.27	6.21	6.18	6.04	6.17	6.13	6.08	6.10	6.19	6	---	6.24	6.11	6.02	5.91	6.28	6.09	6.21	6.06	6.12	5.1	6.11	6.05	6.32	6.04
SC (mS/cm)	---	----	0.890	1.15	1.05	1.15	0.578	0.949	1.08	0.956	0.917	0.987	0.855	0.815	0.500	0.835	0.775	2.51	0.749	0.816	0.698	0.722	---	0.876	0.839	0.888	0.523	0.795	0.805	0.783	0.716	0.745	0.689	0.69	0.714	0.530	0.728
Turb (NTU)	---	----	4.50	7	.2	1	7	0	-5	0	0	1	0	0	-9	-10	1	9.75	0	0.41	3.11	1	---	1.92	1.11	2.51	0.62	0.05	2.52	0.63	1.22	0.55	0.97	0.96	---	4.6	1.05
DO (mg/l)	---	----	0.40	0.05	0.08	0.09	4.10	0.19	0.51	0	0.06	0.61	0.13	0.25	0	0.22	0.06	0.70	0.74	0.65	6.38	12	---	0.30	0.56	1.16	3.26	0.35	0.24	0.42	1.49	0.33	1.68	0.27	0.36	0.58	0.29
Eh (mv)	---	----	-71	-47	-57	-56	-248	-48	-53	-23	-106	-17	-19	-26	-50	31.8	-11	-60.6	-65.7	-12.4	-158	-10.6	---	-15.6	-41.9	-36.7	-17	-67.4	-62.5	-151.4	-20.7	-38	-17.7	-44.8	-44.6	-55.1	-25.3
Temp (°C)	---	----	10	7.5	11	8.3	9	8.1	9.4	7.0	8.9	7.1	10	8.6	10	9.8	8.6	10	11	8.2	9.8	8.3	---	8.27	8.56	9.06	10.25	11.49	8.29	11.19	10.28	10.39	9.14	10.55	8.6	11.25	8.27
Water Level Elevation	145.36	----	142.97	143.53	141.61	143.16	143.57	142.22	143.77	143.57	142.68	143.35	141.91	142.71	142.86	142.56	142.62	144.98	139.77	142.75	142.26	143.65	142.52	143.66	143.64	143.26	143.91	143.63	143.41	142.14	143.51	143.34	143.51	143.58	142.75	142.24	144.05

SUMMARY OF HISTORICAL GROUND WATER QUALITY DATA
WELL SB-B1

DOWNGRADIENT WELL
SCREENED INTERVAL - 4.5 - 15.5 FEET BGS

Well SB-B1
[4.5 - 15.5 feet BGS]

constituent (ppb)	TCL	Apr-93	Jul-93	Oct-93	May-94	Oct-94	May-95	Dec-95	Jun-96	Dec-96	May-97	Dec-97	May-98	Nov-98	May-99	Dec-99	Aug-00	Dec-00	Jul-01	Nov-01	May-02	Dec-02	May-03	Nov-03	May-04	Dec-04	May-05	Oct-05	Jun-06*	Oct-06	Jun-07	Oct-07	Jun-08	Nov-08	Apr-09	Nov-09	Apr-10	May-10	Nov-10	Apr-11	May-11
benzene	5	0.3	0.6	0.4	<1	0.5(J)	<1	<1	<1	0.6(J)	0.7(J)	0.5(J)	0.5(J)	<1	3	0.6(J)	<1	<1	0.5(J)	<1	0.6(J)	0.7(J)	0.7(J)	<10	1	0.9(J)	1	0.9(J)	1	1	1	1	2	2	2	2	2	2	2	2	3
ethylbenzene	---	0.7	0.8	0.9	0.6(J)	0.7(J)	0.5(J)	<1	0.6(J)	0.6(J)	0.6(J)	<1	1	<1	0.6(J)	<1	<1	<1	<1	<1	<1	0.1(J)	0.2(J)	<10	<1	0.2(J)	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.2(J)	<1	<1	<1	<1	<1
toluene	1,000	0.5	0.8	0.4	0.5(J)	<1	0.5(J)	<1	<1	<1	<1	<1	0.6(J)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1
xylene	---	<0.7	<0.7	0.5	<1	<1	<1	<1	<1	0.9(J)	<1	<1	2	<1	0.9(J)	<1	<1	<1	<1	<1	<1	0.4(J)	<1	<10	<1	<3	<3	<3	3	<3	<3	<3	<3	1(J)	0.3(J)	0.3(J)	<3	<3	<3	0.3(J)	0.3(J)
PCE	5	<0.4	<0.4	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	0.6(J)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
TCE	5	<0.3	0.4	0.3	<1	0.4(J)	<1	<1	<1	<1	<1	<1	0.6(J)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCE	70	7	8	6	4(J)	5	4	3	3	2	3	2	2.5(J)	2	<1	2	<1	1	1	1	2	<1	1	1(J)	<1	0.9(J)	1(J)	0.8(J)	<1	1	0.7(J)	0.9(J)	0.8(J)	1(J)	0.7(J)	0.9(J)	0.8(J)	0.8(J)	0.7(J)	1	1
vinyl chloride	2	2	2	2	1(J)	<1	1	1	0.7(J)	0.7(J)	1	1(J)	1	<1	<1	0.9(J)	0.7(J)	1(J)	0.5(J)	0.9(J)	2	0.8(J)	<1	1(J)	<1	1(J)	1	0.7(J)	1	1(J)	0.9(J)	0.9(J)	1	0.8(J)	0.7(J)	0.8(J)	0.8(J)	0.5(J)	0.8(J)	0.6(J)	0.9(J)
acetone	700	---	<5	<5	5(R)	2(J)	12	<5	<5	<5	<5	8	<5	<5	7	<5	<5	<5	<5	<5	13	<5	<5	<10	<1	4(J)	<5	<5	<5	<5	<5	3(JB)	<5	<5	2(J)	<5	<5	<5	<5	<5	<5
tetrahydrofuran	154	<1	<5	11	5(R)	3(R)	<5	<5	<5	<5	<5	<5	6	6	<5	3(J)	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	4(J)	<5	5(J)	4(J)	3(J)	<5	2(J)	<5	5(J)
2-butanone	200	---	<5	<5	5(R)	5(R)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
4-methyl 2-pentanone	350	---	<5	<5	5(J)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
methylene chloride	5	<1	<1	<1	<1	<1	0.8(JB)	0.6(J)	1(B)	0.8(J)	3(B)	3(B)	5(B)	1(B)	[redacted]	0.8(JB)	0.7(J)	<1	<1	<1	<1	<1	<1	<10	<1	<1	<2	<1	<5	<5	<5	<5	<5	0.5(JB)	0.4(JB)	<5	<5	<5	<5	<5	<5
1,1,1,-TCA	---	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCA	---	5	6	4	3(J)	3	2	2	1	1	1	1(J)	1	<1	<1	0.7(J)	<1	0.6(J)	0.5(J)	0.5(J)	<1	0.7(J)	<1	<10	<1	0.8(J)	<1	0.5(J)	<1	0.5(J)	0.6(J)	0.6(J)	0.8(J)	0.9(J)	0.8(J)	0.9(J)	1	1(J)	1	0.9(J)	1
1,1-DCE	7	<1.3	<1.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.8(J)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCA	5	0.8	0.7	<0.7	<1	<1	2	<1	<1	0.5(J)	<1	0.6(J)	0.6(J)	<1	<1	0.8(J)	<1	0.9(J)	1(J)	<1	0.7(J)	<1	0.6(J)	<10	<1	<1	0.8(J)	0.8(J)	<1	1	1	1(J)	0.9(J)	1(J)	1	1	1	1	1	1	0.9(J)
bromomethane	---	<0.3	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<2	<1	<1	<2	<1
chloromethane	---	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.7(J)	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.3(J)	<2	<1	<2	<1	<1	<2	<1
chloroform	---	<0.7	<0.7	<0.7	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
dibromochloromethane	---	<0.3	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromoform	---	<0.3	0.4	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
carbon disulfide	---	---	<5	10	<1	<1	<1	<1	0.9(J)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	8	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
styrene	---	<0.4	<0.4	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroethane	14,000	0.8	1	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<2	<1	<1	<2	<1
chlorobenzene	---	<0.2	<0.2	<0.2	<1	<1	<1	<1	<1	<1	<1	<1	0.5(J)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-dichloropropane	---	<0.3	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-trichloroethane	---	<0.2	<0.2	<0	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	---	<0.4	<0.4	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	---	<0.4	<0.4	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	---	0.4	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-hexanone	---	---	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
arsenic (dissolved)	10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1.98	<2.53	3.3(B)	<2.53	<2.08	<2	<1.8	4.3(B)	2.4(B)	<3	<2.81	<3.45	<8	<3.09	2.9(B)	2.9(B)	<1.7	2.5(B)	1.8(B)	2.9(B)	2.2(J)	<1.95	3.3(J)	3.3(J)	2.1(J)
arsenic (total)	---	---	---	<2.40	<2.60	<2	<3.80	4.80	5.20(B)	2.60(B)	<3.00	<2.54	<1.81	2.60(B)	<2.07	<2.19	<1.98	<2.53	6(B)	3.0(B)	<2.08	2.2(B)	3.1(B)	1.5(B)	1.4(B)	<3	<2.81	<3.45	<8	<3.09	4.0(B)	3.3(B)	<1.7	2.6(B)	2.2(B)	3.2(B)	2.8(J)	4.9(J)	5.3(J)	4.4(J)	3.5
calcium	---	38,400	37,600	26,600	30,000	28,200	28,100	27,100	40,000	32,000	32,400	31,200	30,200	30,000	27,300	27,300	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
iron (dissolved)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	42,500	52,900	49,500	48,000	48,600	39,200	50,000	37,600	43,400	45,600	46,800	40,000	52,900	44,400	53,700	47,100	44,800	48,600	59,900	56,700	---	58,800	50,500	---	61,100
iron (total)	---	148,000	170,000	70,700	74,700	71,300	69,000	62,300	82,600	74,000	75,200	72,800	71,200	70,900	65,900	64,300	42,800	53,800	49,100	49,700	48,500	47,200	48,700	17,200	42,800	45,500	47,100	42,800	53,300	45,500	52,800	45,700	45,500	50,000	60,500	57,500	---	59,300	49,900	---	60,200
magnesium	---	23,700	29,800	7,470	8,410	7,910	7,800	7,430	13,600	8,540	9,080	8,590	8,420	8,040	7,590	7,560	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
manganese (dissolved)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	603	796	768	718	714	601	755	602	695	705	706	601	799	667	860	735	699	733	---	847	---	901	770	---	925
manganese (total)	---	2,000	2,170	804	890	856	810	803	1,190	964	962	1,020	959	957	892	891	599	762	748	743	720	714	723	281	681	698	707	627	799	686	843	694	709	756	---	853	---	901	754	---	909
potassium	---	18,100	22,700	1,710(B)	<1,680	1,830	1,640(B)	2,460(B)	3,610(B)	2,200	2,300	2,440(B)	1,950	2,580	2,130(B)	2,570(B)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
sodium	---	17,100	17,000	17,400	21,000	23,700	24,200	30,200	115,000	34,600	37,500	42,400	41,800	52,100	47,200	52,400	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
pH (SU)	---	---	---	6.06	6.24	5.88	5.98	6.52	6.01	6.85	6.17	6.11	6.28	6.16	6.06	6.34	6.06	6.45	6.08	6.18	6.18	6.08	5.47	6.23	5.71	6.01	6.05	6.16	5.65	6.42	6.11	6.22	6.17	5.98	6.03	6.03	6.16	6.14	6.20	6.19	6.62
SC (mS/cm)	---	---	---	0.564	0.591	0.627	0.615	0.370	0.600	0.753	0.670	0.789	0.736	0.776	0.654	0.434	0.743	0.703	0.628	0.594	0.608	0.740	0.527	0.481	0.587	0.600	0.558	0.578	0.592	0.641	0.61	0.401	0.496	0.599	0.703	0.703	0.705	0.676	0.596	0.702	0.663
Turb (NTU)	---	---	---	4	0	15	7	0	4	-10	0	0	0	0	0	3	3	23	9.60	3	2.10	6.55	0.40	11	3.20	3.61	---	15	4.81	4.35	0.14	2.19	0.00	2.10	1.68	9.59	166	0.51	10.07	14.4	0.40
DO (mg/l)	---	---	---	0.40	0.04	0.05	0.05	3.35	0.43	0.78	0.11	0.16	0.41	0.23	0.08	0	0.58	0.16	0.37	1.81	0.38	0.88	0.50	0.44	0.31	0.24	0.93	0.61	0.24	0.42	0.23	0.23	0.24	0.26	0.18	1.87	0.31	0.31	0.30	0.27	0.72
Eh (mv)	---	---	---	-74	-50	-92.6	-88	-244	-77.1	-51	-17	-28.4	-31	1	-27	-42	33.8	-32	-33	-49.4	-8	-162	-13.7	-14.6	-26.2	-84.7	-24.8	-46.2	-6.3	-84.3	-54.5	-171.3	-28.4	-25.6	-17	-28.9	-141	-77.2	-62.9	-175.8	-45.7
Temp (°C)	---	---	---	9.8	7	11	7.6	8.7	9.1	8.8	7.3	8	6.8	11	8.3	10	13	8.4	11	10	8.9	10	8.6	11	7.6	8.8	7.61	11.19	11.24	10.26	8.53	10.96	9.41	11.51	13.84	13.07	9.37	7.84	10.36	7.21	8.68
Water Level Elevation		149.64	145.30	141.92	142.92	145.37	144.38	145.27	145.45	144.45	145.49	145.43	145.32	145.32	144.69	145.13	145.41	145.22	145.28	145.65	142.19	145.24	145.22	145.44	145.42	145.48	145.53	145.42	147.07	145.49	145.54	145.49	144.78	145.40	145.46	144.26	145.53	145.59	145.16	145.23	145.32	145.63

"*" denotes the ground water sample collected for well SB-B1 was incorrectly identified in the field and on the laboratory analytical report as SB-B3.

SUMMARY OF HISTORICAL GROUND WATER QUALITY DATA
GMP WELL SB-D1

DOWNGRADIENT WELL
SCREENED INTERVAL - 5 - 15 FEET BGS

GMP Well SB-D1
[5 - 15 feet BGS]

constituent (ppb)	ICL	AGQS	Apr-93	Jul-93	Oct-93	May-94	Oct-94	May-95	Dec-95	Jun-96	Dec-96	May-97	Dec-97	May-98	Nov-98	May-99	Dec-99	Aug-00	Dec-00	Jul-01	Nov-01	May-02	Dec-02	May-03	Nov-03	May-04	Dec-04	Jun-05	Oct-05	Jun-06	Oct-06	Jun-07	Oct-07	Jun-08	Nov-08	Apr-09	May-09*	Nov-09	Apr-10	May-10	Nov-10	Apr-11	May-11
benzene	**5**	5	<0.2	<0.2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
ethylbenzene	---	700	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**0.7(J)**	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
toluene	**1,000**	1,000	<0.2	<0.2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
xylene	---	10,000	<0.7	<0.7	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**0.9(J)**	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
PCE	**5**	5	<0.4	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
TCE	**5**	5	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**1(B)**	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCE	**70**	70	<0.4	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<2	<2	<2	<1	<1	<1	<1	<1
vinyl chloride	**2**	2	<0.4	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<2	<1	<1	<1	<1	<1	<1
acetone	**700**	6,000	---	**4**	<5	<5	**5(R)**	**16**	<5	<5	**3(JB)**	<5	**3(J)**	<5	<5	<5	<5	<5	---	<5	**3(JB)**	**13(B)**	<5	<5	<10	<1	**2(J)**	<5	<5	<5	<5	<5	**3(JB)**	<5	>5	<5	**4(J)**	**3(J)**	**3(J)**	<5	<5	<5	**3(J)**
tetrahydrofuran	**154**	154	<1	<5	<5	<5	**1(R)**	<5	<5	<5	<5	<5	<5	<5	**3(J)**	<5	<5	<5	---	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	**2(J)**	<5	<5	<5	**2(J)**	<5	<5	<5	<5
2-butanone	**200**	---	---	<5	<5	<5	**5(R)**	<5	<5	<5	**0.8(JB)**	<5	<5	<5	<5	<5	<5	<5	---	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
4-methyl 2-pentanone	**350**	---	---	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	---	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
methylene chloride	**5**	5	<1	<1	<1	<1	<1	**0.9(JB)**	<1	**0.9(JB)**	<1	**5(B)**	**3(B)**	**5(B)**	**1(B)**	**1(B)**	**1(B)**	**0.7(JB)**	---	<5	<1	<1	<1	**1**	<10	<1	<1	<2	<1	<5	<5	<5	<5	<5	**0.6(JB)**	**0.8(JB)**	**0.7(J)**	<5	<5	<5	<5	<5	<5	<5
1,1,1-TCA	---	200	<0.5	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCA	---	81	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCE	**7**	7	<1.3	<1.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCA	**5**	5	<0.7	<0.7	<1	<1	<1	**0.8(J)**	<1	<1	<1	<1	<1	<1	<1	**0.5(J)**	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromomethane	---	10	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<2	<1	<1	<1	<1	<1
chloromethane	---	30	<0.5	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	**0.6(J)**	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<2	<1	<1	<1	<1	<1
chloroform	---	70	<0.7	<0.7	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
dibromochloromethane	---	60	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromoform	---	4	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
carbon disulfide	---	70	---	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
styrene	---	100	<0.4	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroethane	**14,000**	---	<0.4	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<2	<1	<1	<1	<1	<1
chlorobenzene	---	100	<0.2	<0.2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-dichloropropane	---	5	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-trichloroethane	---	5	<0.2	<0.2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	---	---	<0.4	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	---	---	<0.4	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	---	2	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-hexanone	---	---	---	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	---	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
GMP constituents																																												
cis-1,2-DCE	**70**	70	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1	<1	<1
trans-1,2-DCE	---	100	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1	<1	<1
dichlorodifluoromethane	---	1,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<2	<2	---	<2	<2	---	<2
isopropylbenzene	---	800	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	---	<1	<1	---	<1
n-propylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	---	<1	<1	---	<1
1,3,5-trimethylbenzene	---	330	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1	<1	<1
tert-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	---	<1	<1	---	<1
1,2,4-trichlorobenzene	---	70	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	---	<1	<1	---	<1
sec-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	---	<1	<1	---	<1
1,3-dichlorobenzene	---	600	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	---	<1	<1	---	<1
p-isopropyltoluene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	---	<1	<1	---	<1
1,4-dichlorobenzene	---	75	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1	<1	<1
1,2-dichlorobenzene	---	600	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1	<1	<1
n-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	---	<1	<1	---	<1
1,2,4-trimethylbenzene	---	330	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1	<1	<1
naphthalene	---	20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	---	<1	<1	---	<1
methyl tert-butyl ether	---	13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1	<1	<1
diethyl ether	---	1,400	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	---	<1	<1	---	<1
ethyl tertiary-butyl ether	---	40	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	---	<1	<1	---	<1
di-isopropyl ether	---	120	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	---	<1	<1	---	<1
tertiary-butyl alcohol	---	40	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<5	<5	---	<5	<5	---	<5
1,4-dioxane	---	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**0.92(J)**	<2	---	<2	**2.3**	---	<2
arsenic (dissolved)	**10**	10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1.98	---	<2.53	<2.53	<2.08	<2	<1.8	4.8(B)	<1.3	<3	<2.81	<3.45	<3.45	<3.09	<0.83	1.5(B)	<1.7	<0.98	<1.20	---	<2.4	<1.86	<1.95	<1.86	<1.43	<1.43
arsenic (total)	---	---	---	4.7(B)	<2.40	<2.60	<2.60	<3.80	<1.30	<1	<2.10	<3	<2.54	<1.81	<1.85	<2.07	<2.19	<1.98	---	<2.53	<2.53	<2.08	<2	<1.8	<1.3	<1.3	<3	3.2(B)	<3.45	<3.45	<3.09	<0.83	<0.83	<1.7	<0.98	<1.20	---	<2.4	<1.86	<1.95	<1.86	<1.43	<1.43
calcium	---	---	4,340(B)	2,780(B)	1,730	2,170(B)	1,620	1,290(B)	1,260(B)	328(B)	682	440	678(B)	410	534	613(B)	1,260(B)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
iron (dissolved)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	34.6	---	98.4(B)	233	138	62.7(B)	18.3(B)	116	23.6(B)	87.5(B)	240	352	260	494	1,340	2,200	1,760	1,730	3,910	---	3,160	3,160	5,230	5,510	5,510	5,200
iron (total)	---	---	5,750	4,260	438	145(UJ)	586	52.7	81.7	42.8(B)	183	100	187	154	118	122	609	73	---	121	272	170	194	189	387	49.8(B)	122	277	458	346	609	1,340	2,060	1,760	1,770	4,280	---	3,200	3,200	5,480	5,530	5,530	5,470
magnesium	---	---	3,150(B)	1,590(B)	1,420(B)	1,500(B)	1,500	1,020(B)	1,010(B)	431(B)	570	600	678	580	569	552(B)	1,050(B)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
manganese (dissolved)	---	840	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	83.1	---	128	322	247	208	66.5	188	102	107	49.8	69.3	41.4	96.9	32.1	71.1	41.2	44.5	41.5	---	43.1	43.1	38.8	37.4	37.4	69.4
manganese (total)	---	---	388	154	158	252	177	123	173	54.9	107	63.2	80.5	59.5	81.6	56.7	174	89.3	---	127	304	233	177	65.5	192	100	110	49.3	67.5	41.1	88.4	32.5	72.4	42.2	45.1	40.2	---	42.3	42.3	40.4	36.3	36.3	70.4
potassium	---	35,000	1,490(B)	577(B)	327(B)	595	<400	<336	<2,340	140(B)	<421	<500	<419	<419	<435	<450	710(B)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
sodium	---	---	16,700	10,100	11,700	13,600	9,790	8,060	9,570	3,550(B)	5,480	4,640	8,150	3,680	5,610	3,960(B)	6,740	---	---	---	---	---	---	4,400	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
pH (SU)	---	---	---	---	4.51	4.74	---	4.39	4.78	4.64	4.95	4.67	4.46	4.74	4.40	4.68	4.71	3.51	---	4.63	4.48	4.76	4.60	4.57	4.72	4.39	4.53	4.59	4.66	4.47	4.63	4.46	4.84	4.87	4.83	4.85	4.69	4.53	4.68	4.7	4.96	5.22	5.18
SC (mS/cm)	---	---	---	---	0.132	0.128	---	0.084	0.059	0.043	0.104	0.047	0.083	0.047	0.063	0.013	0.042	0.057	---	0.053	0.073	0.044	0.065	0.045	0.071	0.068	0.062	0.055	0.06	0.041	0.063	0.036	0.034	0.3	0.04	0.047	0.044	0.061	0.060	0.047	0.053	0.042	0.045
Turb (NTU)	---	---	---	---	1.50	2	---	0	0	5	0	0	-10	0	0	0	0	0	---	5.60	3.20	---	1.51	1.70	4.40	3.60	0.39	2.14	1.9	0.34	0.27	0	1.19	0.63	1.25	41.8	0.47	0.52	8.60	0.3	0.02	1.52	2.67
DO (mg/l)	---	---	---	---	0.80	3.88	---	3.86	4.71	2.53	1.55	3.56	0.84	2.07	0.42	0.19	0	1.21	---	0.32	0.95	2.94	3.69	12.02	1.61	1.21	2.22	0.75	0.01	1.99	0.36	1.16	0.22	0.29	1.16	0.24	0.44	1.76	0.09	NM	0.41	0.20	0.42
Eh (mv)	---	---	---	---	332	343	---	272	164	200	380	274	289	279	208	241	346	116	---	176	141	197	2.10	206	286	137	298	145	313.4	362.8	312.9	157.9	105.7	133.1	218.9	155	185.3	252.2	156	181.9	200.6	171.1	118.8
Temp (°C)	---	---	---	---	11	6.4	---	7.4	8.2	8.6	8.7	6.9	7.2	6.6	11	8	9.1	12	---	11	11	7.3	8.6	8.2	11	7.6	8.2	8.5	11.57	11.91	11.39	8.92	11.76	9.57	10.18	7.86	6.41	10.83	6.37	7.77	11.37	5.74	7.52
Water Level Elevation	149.00	NA	145.02	141.48	144.97	144.98	143.22	144.82	145.01	144.19	145.06	144.97	144.49	144.93	143.46	144.32	144.29	144.69	144.78	144.91	141.06	144.78	144.18	145.46	144.92	144.92	144.98	144.94	145.86	144.96	144.99	144.85	143.64	144.90	144.87	143.90	144.85	144.93	144.93	144.18	144.35	144.35	144.95

* [a,b] denotes that GeoInsight collected a ground water sample from well SB-D1 for metals analyses in May 2009.

SUMMARY OF HISTORICAL GROUND WATER QUALITY DATA
GMP WELL SB-GW-3U

DOWNGRADIENT WELL
SCREENED INTERVAL - 5 - 15 FEET BGS

GMP Well SB-GW-3U
[5 - 15 feet BGS]

constituent (ppb)	ICL	AGQS	Apr-93	Jul-93	Oct-93	May-94	Oct-94	May-95	Dec-95	Jun-96	Dec-96	May-97	Dec-97	May-98	Nov-98	May-99	Dec-99	Aug-00	Dec-00	Jun-01	Nov-01	May-02	Dec-02	May-03	Nov-03	May-04	Dec-04	May-05	Oct-05	Jun-06	Oct-06	Jun-07	Nov-07	Jun-08	Nov-08	May-09	Nov-09	May-10	Nov-10	May-11
benzene	**5**	5	<0.2	<0.2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
ethylbenzene	---	700	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**2**	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
toluene	**1,000**	1,000	<0.2	<0.2	<1	<1	<1	<1	<1	<1	<1	**0.9(J)**	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
xylene	---	10,000	<0.7	<0.7	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**8**	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	**2.2**	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
PCE	**5**	5	<0.4	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
TCE	**5**	5	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCE	**70**	70	<0.4	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	**2**	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
vinyl chloride	**2**	2	<0.4	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	**1**	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
acetone	**700**	6,000	---	<5	<5	**5(R)**	**5(R)**	**8**	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	---	<5	<5	<5	<5	<5	<10	**10**	<5	<5	<5	<5	<5	<5	<5	<5	**2(J)**	<5	<5	**3(J)**	<5	<5
tetrahydrofuran	**154**	154	<1	<5	<5	**5(R)**	**1(R)**	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	---	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
2-butanone	**200**	---	---	<5	<5	**5(R)**	**5(R)**	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	---	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
4-methyl 2-pentanone	**350**	---	---	<5	<5	**5(J)**	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	---	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
methylene chloride	**5**	5	<1	<1	<1	<1	<1	**0.4(JB)**	<1	**1(B)**	**1(JB)**	**5(B)**	**4(B)**	<1	**1(B)**	**1(B)**	<1	<1	---	<1	<1	**2(B)**	<1	<1	<10	<1	**0.8(J)**	<2	<1	<5	<5	<5	<5	<5	<5	<5	**0.6(J)**	<5	<5	<5
1,1,1-TCA	---	200	<0.5	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCA	---	81	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	**0.6(J)**	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCE	**7**	7	<1.3	<1.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCA	**5**	5	<0.7	<0.7	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	**0.6(J)**	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromomethane	---	10	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloromethane	---	30	<0.5	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	**0.7(J)**	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	**0.8(J)**	<1	<1	<1	<1	<1
chloroform	---	70	<0.7	<0.7	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
dibromochloromethane	---	60	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromoform	---	4	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
carbon disulfide	---	70	---	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	**1**	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
styrene	---	100	<0.4	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroethane	**14,000**	---	<0.4	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chlorobenzene	---	100	<0.2	<0.2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-dichloropropane	---	5	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-trichloroethane	---	5	<0.2	<0.2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	---	---	<0.4	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	---	---	<0.4	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	---	2	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-hexanone	---	---	---	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	---	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
GMP constituents																																								
cis-1,2-DCE	**70**	70	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
trans-1,2-DCE	---	100	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
dichlorodifluoromethane	---	1,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<2	<2	<2	<2	<2
isopropylbenzene	---	800	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
n-propylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,3,5-trimethylbenzene	---	330	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
tert-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,2,4-trichlorobenzene	---	70	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
sec-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,3-dichlorobenzene	---	600	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
p-isopropyltoluene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,4-dichlorobenzene	---	75	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,2-dichlorobenzene	---	600	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
n-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,2,4-trimethylbenzene	---	330	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
naphthalene	---	20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
methyl tert-butyl ether	---	13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
diethyl ether	---	1,400	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
ethyl tertiary-butyl ether	---	40	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
di-isopropyl ether	---	120	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
tertiary-butyl alcohol	---	40	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<5	<5	<5	<5	<5
1,4-dioxane	---	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**0.90(J)**	<2	<2	**1.7(J)**	<2
arsenic (dissolved)	**10**	10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1.98	---	<2.53	<2.53	<2.08	<2	<1.80	<1.30	<1.30	<3.03	<2.81	<3.45	<3.45	<3.09	<0.83	1.2(B)	<1.70	<0.98	<1.50	<2.4	<1.95	<1.86	<1.43
arsenic (total)	---	---	---	<8.40	4(B)	<2.60	<2	<3.80	<1.30	<2.10	<2.10	<3	<2.54	<1.81	<1.85	<2.07	<2.19	<1.98	---	<2.53	<2.53	<2.08	<2	<1.80	<1.30	<1.30	<3.03	<2.81	<3.45	<3.45	<3.09	<0.83	<0.83	<1.70	<0.98	<1.50	<2.4	<1.95	<1.86	<1.43
calcium	---	---	7,020	1,750	1,230(B)	282(B)	<243	430(B)	361(B)	220(B)	535	594	495(B)	502	530	458(B)	511(B)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
iron (dissolved)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	63.4	---	631	2,490	77.4(B)	110	52(B)	73.1(B)	125	55.8(B)	80.6(B)	140	194	310	366	684	1,130	1,370	2,160	3,320	4,540	2,850	1,700
iron (total)	---	---	16,500	11,200	2,710	<157	<85.1	81.3(B)	116	146	114	240	245	209	311	295	2,560	899	---	47.8(B)	2,560	145	1,380	73.8(B)	52.7(B)	72(B)	92.6(B)	92.8(B)	195	268	403	368	783	1,140	1,920	2,230	3,370	4,890	2,910	1,760
magnesium	---	---	3,850	2,600	799(B)	335(B)	379	659(B)	627(B)	410(B)	498	479	389(B)	364	418	402(B)	572(B)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
manganese (dissolved)	---	840	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	8.7	---	19.8	118	15.2	9.9	7	13.8(B)	15.4	14.7	15.5	10.9	7.3	7.9	15.5	16.7	9.9	12.0	13.8	7.7	5.8	6.1	5.2
manganese (total)	---	---	187	104	37	<3.4	4.4	5.5(B)	6.9(B)	6.6(B)	12.3	11.4	8.4(B)	7.3	9	9.3(B)	14.1(B)	11.6	---	18.6	120	15.1	13.2	7.4	9.4(B)	13(B)	14.3	14.7	10.9	7	8	15.7	17	9.8	12.3	13.5	7.4	6.3	5.6	4.3(J)
potassium	---	35,000	4,240(E)	2,450	606(B)	<595	<400	<336	<2,340	127(B)	<421	<500	<419.42	<419.42	<435.16	<449.54	456(B)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
sodium	---	---	3,940	3,160	3,940(B)	4,160	<3,490	4,520(B)	4,730(B)	3,120(B)	3,470	3,600	3,060(B)	3,340	3,300	3,640(B)	4,440(B)	---	---	---	---	---	---	3,960	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
pH (SU)	---	---	---	---	5.15	4	4.55	4.74	4.80	4.67	4.93	4.64	4.15	4.78	4.42	4.78	4.54	3.44	---	1.29	4.48	4.60	4.38	4.46	4.74	4.24	4.70	4.56	4.53	4.06	5.42	4.21	4.44	4.82	4.65	4.11	4.65	4.66	4.52	4.64
SC (mS/cm)	---	---	---	---	0.038	0.042	0.039	0.044	0.023	0.045	0.066	0.044	0.059	0.053	0.055	0.023	0.035	0.055	---	0.042	0.114	0.057	0.053	0.045	0.047	0.059	0.06	0.05	0.06	0.056	0.055	0.05	0.046	0.054	0.048	0.052	0.052	0.51	0.034	0.046
Turb (NTU)	---	---	---	---	6.28	7	3	4	-10	12	-8	1	-10	0	0	0	1	8	---	4.20	2.30	7.95	13	0	2.10	1	0.86	2.53	1.50	0.53	1.75	0.23	1.67	3.67	4.37	1.71	2.60	1.06	2.8	0.72
DO (mg/l)	---	---	---	---	1.25	3.80	1.61	3.14	7.03	2.31	1.92	2.02	2.13	2.18	0.76	0.83	1.75	3.31	---	7.70	1.72	3.83	4.33	5.05	4.03	3.59	1.3	0.8	0.74	2.75	0.51	1.11	0.53	0.70	0.50	0.52	0.83	0.84	4.45	1.09
Eh (mv)	---	---	---	---	94.5	214	342	237	6	305	213	271	234	299	287	244	372	121	---	592	152	285	11	397	334	267	292	200	313	587.3	311.6	314.5	264.7	301.9	289.1	270.4	255.6	226.4	283.7	288.5
Temp (°C)	---	---	---	---	11	5.5	12	8.5	7.9	11	8	7.6	7.1	6.6	11	9.4	9	13	---	12	10	7	9.6	7.3	11	7.6	5.9	7.1	12.6	13.02	12.22	11.41	12.15	11.47	10.49	6.80	11.40	9.13	10.93	6.71
Water Level Elevation	148.69	NA	144.08	140.04	140.12	144.05	142.23	143.84	144.14	142.13	144.23	144.57	143.77	144.30	142.34	143.31	143.80	143.48	143.78	143.94	139.85	143.65	143.14	143.91	143.88	143.90	144.04	143.94	147.04	144.66	144.80	143.94	142.71	144.04	144.03	145.02	144.18	143.16	143.28	144.17

SUMMARY OF HISTORICAL GROUND WATER QUALITY DATA
WELL SC-1US

LANDFILL PERIMETER WELL
SCREENED INTERVAL - 6 - 11 FEET BGS

Well SC-1US
[6 - 11 feet BGS]

constituent (ppb)	ICL	Nov-93	May-94	Oct-94	May-95	Dec-95	Jun-96	Dec-96	Jun-97	Dec-97	May-98	Nov-98	May-99	Dec-99	Aug-00	Dec-00	Jul-01	Nov-01	May-02	Dec-02	Jun-03	Nov-03	May-04	Dec-04	May-05	Jun-06	Nov-06	Jun-07	Oct-07	Jun-08	Nov-08	May-09	Nov-09	May-10	Nov-10	May-11
benzene	5	<1	<1	0.2(J)	<1	<1	<1	<1	<1	1	<1	4	<1	2	<1	5	7	5	1	6	4	3(J)	4.3	1	3	4	2	12	5	13	20	23	20	64	12	48
ethylbenzene	---	<1	<1	2(J)	<1	<1	<1	<1	0.7(J)	3	<1	6	3	7	62	6	38	28	<1	19	2	5(J)	2	0.6(J)	0.5(J)	1	4	21	1	8	18	22	7	10	2	8
toluene	1,000	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	0.5(J)	<1	0.3(J)	0.7(J)	0.3(J)	0.8(J)
xylene	---	1	<1	0.8(J)	<1	<1	<1	<1	2	<1	0.8(J)	2	<1	0.8 (J)	7	0.8(J)	4	8	<1	10	0.8(J)	2(J)	<1	<3	<3	<3	<3	6	<3	2(J)	5	1(J)	6	20	4	56
PCE	5	<1	<1	<1	<1	<1	<1	<1	<1	1(J)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
TCE	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1(B)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCE	70	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
vinyl chloride	2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	3	<1	<1	<1	<1	<1
acetone	700	<5	<5	5(R)	4(J)	<5	<5	<5	<5	8(B)	<5	6	<5	<5	2(J)	<5	3(J)	5	<5	<5	<5	<10	<1	6	<5	4(J)	<5	8	3(J)	<5	5	5(J)	4(J)	8	<5	7
tetrahydrofuran	154	<5	<5	13(J)	<5	<5	<5	<5	<5	14	<5	16	<5	10	23	11	18	21	<5	14	13	<10	<1	<5	12(B)	22	9	36	9	18	3(J)	33	19	59	25	72
2-butanone	200	<5	<5	5(R)	<5	<5	<5	<5	<5	<5	4(J)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
4-methyl 2-pentanone	350	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
methylene chloride	5	1(J)	1(B)	<1	0.4(JB)	<1	2(B)	<1	2(B)	2(B)	1(B)	0.7(JB)	0.8(JB)	<1	1	<1	<1	0.8(J)	<1	<1	<1	<10	<1	<1	<2	<5	<5	<5	<5	<5	<5	0.4(J)	<5	<5	<5	<5
1,1,1-TCA	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCA	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.5(J)	<1	<1	<1	<1
1,1-DCE	7	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCA	5	<1	<1	<1	0.6(J)	<1	<1	<1	<1	<1	<1	2	<1	<1	0.8(J)	0.8(J)	<1	0.6(J)	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.3(J)	<1	0.3(J)	<1	<1
bromomethane	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloromethane	---	<1	<1	<1	<1	<1	2	<1	<1	<1	<1	<1	<1	<1	<1	<1	5	0.6(JB)	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroform	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
dibromochloromethane	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromoform	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
carbon disulfide	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
styrene	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroethane	14,000	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	2	<1	3	3	0.6(J)	0.8(J)	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	12	5	8	<1	21	4	8	<1	10
chlorobenzene	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.7(J)	<1	0.7(J)	0.6(J)	<1	0.7(J)	<1	<10	<1	<1	0.5(J)	<1	0.4(J)	0.9(J)	<1	0.8(J)	26	1	2	4	<1	4
1,2-dichloropropane	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-trichloroethane	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-hexanone	---	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	79	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
arsenic (dissolved)	10	---	---	---	---	---	---	---	---	---	---	---	---	---	2(B)	<2.5	<2.5	6.9(B)	<2.1	6.1(B)	6.2(B)	6.3(B)	4.3(B)	3.5(B)	7.7(B)	8.3	8.9	15.6	16.1	16.4	26.3	23.3	21.1	39.6	34.9	56.7
arsenic (total)	---	<2.4	<2.6	<2	<2.7	<1.3	2.1(B)	<2.1	<3	<2.5	<1.9	<1.9	<2.1	<2.2	2.5(B)	<2.5	4.5(B)	8.2	<2.1	5.3(B)	5.8(B)	2.7(B)	7.6(B)	6.8(B)	8.2	8.3	9.5	16.5	17.2	17.5	26.9	22.2	21.5	39.4	36.1	58.5
calcium	---	1,090(B)	949(B)	1,630	1,040(B)	844(B)	883(B)	882	1,070	3,470(B)	1,400	12,800	2,760(B)	14,200	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
iron (dissolved)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	13,700	6,650	29,100	28,500	2,700	28,200	25,000	13,800	33,300	19,300	31,300	46,700	15,800	80,600	7,720	34,800	101,000	100,000	25,600	147,000	27,700	152,000
iron (total)	---	95.5(B)	3.7(UJ)	191	10	50.4	30.6	52.7	30	1,500	130	1,410	158	3,610	12,900	6,660	29,000	28,100	2,570	28,400	22,700	14,800	33,200	19,400	30,600	49,300	15,800	80,900	7,680	36,200	92,700	97,900	25,400	147,000	27,700	158,000
magnesium	---	355(B)	285(B)	527	291(B)	270(B)	264(B)	325	336	1,600(B)	610	5,350	1,140(B)	4,070(B)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
manganese (dissolved)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1,600	769	1,690	1,240	337	1,540	1,260	613	1,250	486	1,160	1,380	1,060	2,200	2,190	1,300	1,880	1,970	3,080	1,960	3,580	2,100
manganese (total)	---	30.8	13(B)	195	16.6	55.3	87.5	32.6	86.8	382	139	1,050	146	645	1,520	770	1,650	1,250	319	1,530	1,240	650	1,160	484	1,130	1,490	1,060	2,240	2,130	1,340	1,870	1,900	3,040	1,960	3,520	2,210
potassium	---	604(B)	<595	535	<336	2,340	304(B)	767(B)	<500	<419.42	538(B)	1,670	<449.54	1,350(B)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
sodium	---	3,150(B)	2,060(B)	3,310	2,030(B)	2,960(B)	3,020(B)	2,350	2,580	8,300	4,070	27,100	5,250	16,100	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
pH (SU)	---	7.02	4.51	5.01	4.92	5.57	4.89	5.49	5.17	5.15	4.41	4.70	4.56	5.52	5.59	5.56	5.90	5.82	5.97	5.57	5.95	5.89	5.96	6.43	5.94	6.24	4.93	6.09	5.69	5.94	6.13	6.18	5.94	5.96	5.87	6.24
SC (mS/cm)	---	0.033	0.023	0.032	0.023	0.012	0.026	0.034	0.019	0.100	0.047	0.277	0.029	0.125	0.784	0.489	0.902	0.699	0.177	0.745	0.563	0.296	0.788	0.348	0.691	0.706	0.313	1.06	0.307	0.514	1.163	1.195	0.565	1.14	0.668	1.484
Turb (NTU)	---	0.95	1	0	1	-10	-2	0	0	0	0	0	0	---	16	1	0.8	3.8	0.25	0.97	0	0.35	1.3	1	2.46	0	0.01	2.19	2.12	3.34	10.2	1.1	1.47	0.41	10.2	0.78
DO (mg/l)	---	1.90	6.14	0.29	3.38	3.60	0.94	0.96	0.82	0.16	0.58	1.70	2.80	0	0.17	0	0.49	2.28	6.8	28.8	0.91	0.8	0.41	0.9	1.39	0.86	0.41	0.49	0.37	0.71	0.27	0.38	0.64	0.33	0.42	2.45
Eh (mv)	---	249	252	172	---	-60	259	181	245	125	240	137	194	138	51.5	119	107	31.4	162	59.3	29.4	31.6	74.9	3.1	7.84	-27.6	109.6	-17.3	-98.7	10.5	-32.8	-51.1	22.1	-58.2	-9.4	-41.3
Temp (°C)	---	10	5.6	11	6.8	7.9	8.5	7.6	6	7.1	6.1	11	7.4	9.2	12	6.7	10	11	7.1	8.2	8.4	11	6.7	7.2	7.9	10.52	11.92	9.03	11.56	10.50	9.53	7.48	9.64	8.01	10.84	8.23
Water Level Elevation	151.61	142.33	148.13	142.21	138.51	148.44	147.51	148.66	148.51	148.18	148.27	147.64	148.10	148.22	148.21	148.22	148.43	145.65	148.12	147.99	148.53	149.26	148.50	148.43	148.28	148.76	148.57	148.59	147.83	148.65	148.59	148.32	148.70	148.49	148.19	149.30

SUMMARY OF HISTORICAL GROUND WATER QUALITY DATA
WELL SC-7US

LANDFILL PERIMETER WELL
SCREENED INTERVAL - 10 - 25 FEET BGS

Well SC-7US
[10 - 25 feet BGS]

constituent (ppb)	ICL	Oct-93	Nov-93	Dec-93	May-94	Oct-94	May-95	Dec-95	Jun-96	Dec-96	May-97	Dec-97	May-98	Nov-98	May-99	Dec-99	Aug-00	Dec-00	Jul-01	Nov-01	May-02	Dec-02	May-03	Nov-03	May-04	Dec-04	May-05	Jun-06	Oct-06	Jun-07	Oct-07	Jun-08	Nov-08	May-09	Nov-09	May-10	Nov-10	May-11
benzene	5	13	13	16	21	17	16	21	26	25	26	19	19	12	18	19	20	15	9	16	17	25	26	23	11	10	15	6	7	4	4	5	6	5	4	5	6	16
ethylbenzene	---	26	26	15	18	6	3	16	16	16	13	6	7	2	4	8	5	3	3	3	3	2(B)	3	3(J)	3.7	0.8(J)	0.8(J)	0.8(J)	0.8(J)	0.9(J)	0.8(J)	1	2	0.9(J)	0.5(J)	0.4(J)	1	5
toluene	1,000	<3.1	<3.1	1	2	1(J)	1	2	3	2	3	2	2	1	1	1	1	1	0.9(J)	1	1	2	2	2(J)	2.6	1	1	0.8(J)	0.6(J)	0.7(J)	0.6(J)	2	0.6(J)	0.8(J)	0.8(J)	0.8(J)	0.8(J)	0.8(J)
xylene	---	26	27	14	15	7	12	15	18	15	16	10	8	6	5	7	8	6	4	6	6	10	11	11	9.1	5	8	2(J)	<3	2(J)	3	3	3	3(J)	4	3(J)	3(J)	6
PCE	5	<3.1	<3.1	<1	<1.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
TCE	5	<3.1	<3.1	<1	<1.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCE	70	<3.1	<3.1	0.7(J)	<1.5	0.6(J)	<1	0.6(J)	<1	<1	<1	0.5(J)	0.9(J)	0.7(J)	0.8(J)	0.7(J)	0.8(J)	<1	<1	<1	0.7(J)	<1	<1	<10	<1	0.3(J)	<1	<1	<1	<1	0.3(J)	0.3(J)	<1	0.3(J)	0.3(J)	<1	0.4(J)	0.7(J)
vinyl chloride	2	<3.1	<3.1	3	4	3	2	2	1	1	4	2	2	2	1	2	3	2	0.9(J)	2	4	2	2	<10	1.7	1	1	<1	0.6(J)	0.9(J)	0.6(J)	1	<1	0.6(J)	0.7(J)	0.4(J)	<1	1
acetone	700	<16	<16	<5	4(J)	5(R)	14	<5	<5	<5	<5	4(J)	4(JB)	5	<5	<5	<5	<5	4(J)	<5	<5	<5	<5	<10	<1	3(J)	<5	<5	<5	<5	3(J)	<5	4(J)	2(J)	<5	2(J)	3(J)	<5
tetrahydrofuran	154	<16	<16	<5	<7	1(R)	<5	<5	<5	1(J)	12	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
2-butanone	200	<16	<16	<5	<7	5(R)	<5	<5	<5	<5	<5	3(J)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
4-methyl 2-pentanone	350	<16	<16	<5	<7	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
methylene chloride	5	7(B)	7(J)	0.5(JB)	3(B)	<1	0.5(JB)	<1	1(B)	0.6(JB)	3(B)	1	9(B)	0.8(JB)	1(B)	1(B)	<1	<1	<1	0.7(JB)	<1	<1	<1	<10	<1	<1	<2	<5	<5	<5	<5	<5	0.6(J)	<5	<5	<5	<5	<5
1,1,1-TCA	---	<3.1	<3.1	<1	<1.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCA	---	<3.1	<3.1	<1	<1.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCE	7	<3.1	<3.1	<1	<1.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCA	5	<3.1	<3.1	<1	<1.5	<1	<1	<1	<1	0.9(J)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromomethane	---	<3.1	<3.1	<1	<1.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	2	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloromethane	---	<3.1	<3.1	<1	<1.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.5(J)	0.8(J)	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroform	---	<3.1	<3.1	<1	<1.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
dibromochloromethane	---	<3.1	<3.1	<1	<1.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromoform	---	<3.1	<3.1	<1	<1.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
carbon disulfide	---	<3.1	<3.1	<1	<1.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
styrene	---	<3.1	<3.1	<1	<1.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.9(J)	<1
chloroethane	14,000	<3.1	<3.1	<1	<1.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	2	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chlorobenzene	---	5	5	4	6	4	2	4	6	7	14	7	6	4	4	5	3	5	5	6	6	7	9	7(J)	7	9	13	16	16	15	11	10	10	12	12	16	13	10
1,2-dichloropropane	---	<3.1	<3.1	<1	<1.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-trichloroethane	---	<3.1	<3.1	<1	<1.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	---	<3.1	<3.1	<1	<1.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	---	<3.1	<3.1	<1	<1.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	---	<3.1	<3.1	<1	<1.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-hexanone	---	<16	<16	<5	<7	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
arsenic (dissolved)	10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	144	---	146	165	111	155	134	148(E)	175	154	143	196	135	169	186	155	162	159	167	150	179	134
arsenic (total)	---	130	146	160	122	169	154	144	78.9	144	158	152	130	155	151	199	151	156	154	164	116	162	134	149	169	148	152	209	139	176	191	156	165	170	170	154	179	154
calcium	---	---	230,000	---	199,000	254,000	253,000	202,000	175,000	187,000	215,000	193,000	225,000	277,000	222,000	292,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
iron (dissolved)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	52,000	---	53,000	57,800	46,200	56,100	68,000	45,900	69,700	55,800	53,500	73,300	44,100	64,000	68,300	69,100	59,600	63,000	63,600	65,500	65,000	66,800
iron (total)	---	---	73,300	---	71,600	56,800	75,500	55,500	51,600	70,800	89,700	70,300	71,700	73,800	59,900	72,200	52,400	57,600	55,200	57,700	47,200	57,700	66,000	48,000	69,300	54,300	54,500	72,600	45,600	65,200	68,900	69,100	59,100	63,600	66,500	65,600	64,600	71,400
magnesium	---	---	15,300	---	14,000	16,500	16,500	13,300	10,900	12,000	15,200	12,400	13,900	17,400	14,300	18,700	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
manganese (dissolved)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	870	---	723	855	556(E)	767	647	660	1,050	671	619	1,620	535	951	901	799	643	1,010	654	622	592	607
manganese (total)	---	---	792	---	931	897	826	686	624	793	1,110	781	871	1,030	698	980	869	786	745	842	563(E)	778	626	682	1,020	647	623	1,560	546	956	908	797	629	978	681	618	590	635
potassium	---	---	32,300	---	27,500	28,600	30,800	27,600	21,600	27,600	31,500	29,700	26,400	30,100	24,000	33,200	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
sodium	---	---	20,800	---	19,300	13,100	16,500	14,100	12,400	11,400	14,500	11,300	10,600	11,100	10,100	16,000	---	---	---	---	---	---	7,670	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
pH (SU)	---	6.48	---	---	6.40	6.44	6.38	7.13	6.3	7.31	6.37	6.45	6.55	6.71	6.61	6.4	6.2	6.54	6.41	6.45	6.53	6.47	12.1	6.46	6.54	6.36	6.35	5.83	6.26	6.36	6.29	6.44	6.36	6.04	6.38	5.94	6.41	6.34
SC (mS/cm)	---	1.06	---	---	1.45	1.6	1.65	1.34	1.4	1.39	1.26	1.25	1.36	1.59	1.25	1.37	0.93	0.9	2.42	1.4	0.1	1.81	1.02	1.23	1.32	1.34	1.10	0.705	0.917	1.103	0.897	1.092	1.051	0.899	1.065	0.982	0.843	0.997
Turb (NTU)	---	3.9	---	---	39	4	7	10	2	0	17	0	13	0	4	17	7.1	6.1	3.37	0.81	6.97	9.68	3.5	1.5	2.13	3.2	3.6	14.5	3.62	12.3	0.82	0.87	0.91	4.20	2.85	0.56	0.01	11.5
DO (mg/l)	---	0.30	---	---	0.06	0.08	0.21	1.74	0.26	0.75	0.05	0.05	0.51	0.01	0.18	0	0.3	0.71	0.41	4.19	0.73	0.83	12.7	1.1	0.4	0.2	0.65	3.95	0.27	0.44	0.18	1.13	0.30	1.37	0.42	NM	0.46	0.42
Eh (mv)	---	-93	---	---	-49.2	-77	---	-260	-74	-66	-54	120	-71	-57	-62	-122	-21.9	-50.2	-91	-88.8	-97.7	-158	-315	-97.1	-64.5	-41.3	-55.1	-39.4	-78.3	-83	-409.7	-66.9	-82.7	-65.0	-78.4	-70.2	-91.9	-77.7
Temp (°C)	---	13	---	---	8.6	12	9.7	11	10	10	9.3	10	8.2	12	9.5	11	13	10	11	12	8.3	11	9.8	12	11	9.4	9.4	12.81	13.03	11.72	12.65	11.23	10.80	10.77	12.02	10.22	12.53	9.39
Water Level Elevation	149.48	140.23	---	143.26	143.77	142.50	143.56	143.88	142.62	144.15	143.87	143.01	143.74	142.64	143.15	143.39	143.12	143.07	143.85	139.74	143.29	142.66	143.98	143.78	143.99	143.93	144.28	143.68	144.03	144.13	142.45	143.77	143.67	143.92	143.89	143.51	142.76	144.84

SUMMARY OF HISTORICAL GROUND WATER QUALITY DATA
WELL SC-8US

LANDFILL PERIMETER WELL
SCREENED INTERVAL - 9 - 14 FEET BGS

Well SC-8US
[9 - 14 feet BGS]

constituent (ppb)	ICL	Oct-93	Nov-93	Dec-93	May-94	Oct-94	May-95	Dec-95	Jun-96	Dec-96	Jun-97	Dec-97	May-98	Nov-98	May-99	Dec-99	Aug-00	Dec-00	Jul-01	Nov-01	May-02	Dec-02	Jun-03	Nov-03	May-04	Dec-04	May-05	Jun-06	Nov-06	Jun-07	Oct-07	Jun-08	Nov-08	May-09	Nov-09	May-10	Nov-10	May-11
benzene	5	21	21	19	<25	26	10(J)	18	1	18	15	26	18	19	16	22	24	20	21	19	19	26	16	17	<1	12	11	12	9	9	11	10	30	7	9	7	9	7
ethylbenzene	---	<13	<13	<5	<25	11	<13	11	0.6(J)	4	8	3	3	2	<1	13	2	0.9(J)	1	2	2	0.8(J)	<1	<10	<1	0.6(J)	<1	<1	0.4(J)	<1	55	<1	26	<1	<1	0.3(J)	0.2(J)	0.3(J)
toluene	1,000	<13	<13	<5	<25	<10	<13	<3	<1	3	8	<1	0.6(J)	1	0.6(J)	1	0.6(J)	<1	1(J)	<1	0.9(J)	0.2(J)	0.4(J)	<10	<1	0.4(J)	<1	<1	<1	<1	0.8(J)	2	<1	<1	<1	<1	<1	<1
xylene	---	<13	<13	32	<25	20	17	15	3	13	19	11	10	6	4	5	<1	0.6(J)	1	0.5(J)	<1	1	32	<10	2.5	0.8(J)	<3	<3	<3	<3	73	2(J)	6	0.3(J)	<3	<3	<3	<3
PCE	5	16	16	<5	29	17	19	8	6	15	76	12	14	7	2	1	0.8(J)	<1	0.6(J)	<1	<1	<1	<1	<10	<1	<1	1	31	2	1	<1	<1	<1	1	<1	<1	<1	<1
TCE	5	<13	<13	<5	19(J)	12	13	9	4	18	55	13	18	8	5	9	4	4	3	7	4	<1	3	3(J)	2.1	1(J)	2	19	2	1	<1	<1	<1	1	<1	<1	<1	<1
1,2-DCE	70	51	51	<5	140	100	110	72	23	131	230	96	98	48.7(J)	21	32	19	16	15	16	14	6	13	11	10	4	12	63.7	12	12	1	0.7(J)	<1	7	2	2	2	0.5(J)
vinyl chloride	2	23	23	<5	45	44	33	10	5	34	110	33	33	21	12	16	15	12	17	21	25	9	23	18	11	9	18	50	16	11	3	3	<1	3	2	1	2	1
acetone	700	<63	<63	<25	130(R)	50(R)	49(J)	20	5	6	6	16	9	4(J)	3(J)	<5	3(JB)	<5	<5	<5	14(B)	<5	20	<10	<1	<5	<5	<5	<5	<5	<5	<5	5(J)	6	<5	4(J)	<5	2(J)
tetrahydrofuran	154	200	200	<25	370(J)	270(J)	270	280	25	290	250	170	270(E)	100	53	50	18	61	45	55	49	27	63	47	47	27	40	220	54	91	12	6	33	40	14	16	5(J)	18
2-butanone	200	<63	<63	<25	130(R)	50(R)	<63	<16	<5	<5	<5	4(J)	6	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
4-methyl 2-pentanone	350	<63	<63	<25	130(J)	<50	<63	3(J)	<5	3	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
methylene chloride	5	31(B)	31(J)	9(B)	<47	<10	26(B)	5	1(B)	2(B)	8(B)	6(B)	10(B)	4(B)	1(B)	0.9(JB)	0.8(J)	<1	<1	<1	<1	<1	<1	<10	<1	<1	<2	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,1,1-TCA	---	<13	<13	<5	<25	<10	<13	<3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCA	---	<13	<13	<5	<25	6(J)	7(J)	3	0.6(J)	5	8	3	4	2	1	2	2	2	1	2	1	0.9(J)	<1	1(J)	1.1	0.7(J)	1	4	1	2	<1	0.5(J)	<1	1	0.7(J)	<1	0.8(J)	0.6(J)
1,1-DCE	7	<13	<13	<5	<25	<10	<13	<3	<1	0.8(J)	<1	0.6(J)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCA	5	<13	<13	<5	<25	<10	<13	5	<1	6	<1	<1	5	3	3	2	2	2	2	2	<1	<1	2	<10	2.3	2	2	5	2	2	0.9(J)	0.8(J)	<1	1	0.6(J)	0.7(J)	<1	0.5(J)
bromomethane	---	<13	<13	<5	<25	<10	<13	<3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloromethane	---	<13	<13	<5	<25	<10	<13	<3	<1	2	4	<1	<1	<1	<1	<1	<1	<1	4	1	0.6(J)	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroform	---	<13	<13	<5	<25	<10	<13	<3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
dibromochloromethane	---	<13	<13	<5	<25	<10	<13	<3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromoform	---	<13	<13	<5	<25	<10	<13	<3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
carbon disulfide	---	<13	<13	<5	<25	<10	<13	<3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
styrene	---	<13	<13	<5	<25	<10	<13	<3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroethane	14,000	<13	<13	<5	<25	<10	<13	<3	<1	2	8	<1	3	2	1	10	1	1	2	2	0.6(J)	<1	0.4(J)	<10	1	0.7(J)	0.6(J)	<1	<1	<1	<1	0.9(J)	17	<1	<1	<1	3	<1
chlorobenzene	---	19	19	9	<25	21	9(J)	27	1	39	15	71	47	57	62	40	40	27	41	28	35	37	60	43	67	62(B)	64	44	58	54	57	46	2	45	41	47	29	68
1,2-dichloropropane	---	<13	<13	<5	<25	<10	<13	<3	<1	<1	<1	<1	0.6(J)	<1	<1	<1	0.6(J)	0.6(J)	<1	<1	<1	<1	<1	<10	<1	<1	0.5(J)	0.6(J)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-trichloroethane	---	<13	<13	<5	<25	<10	<13	<3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	---	<13	<13	<5	<25	<10	<13	<3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	---	<13	<13	<5	<25	<10	<13	<3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	---	<13	<13	<5	<25	<10	<13	<3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-hexanone	---	<63	<63	<25	<47	<50	<63	<16	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
arsenic (dissolved)	10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	43	33	44.6	30.1	32.6	29.1	29.5	33.8	32.1	37.1	37.1	118	48.7	60.5	76.7	79.8	90.9	91.9	101	82.3	118	62.2
arsenic (total)	---	80	19	220	13.4	15.9	18.4	18.8	20	18.8	19	16.8	18	26.6	17.1	25.7	52	34.1	46.8	29.5	31.6	31.6	29.9	33.7	30.4	37.4	36.7	119	47.5	59.8	75.4	79.1	91.8	90.4	102	78.9	116	55.4
calcium	---	---	191,000	---	193,000	188,000	210,000	202,000	211,000	188,000	202,000	142,000	193,000	129,000	109,000	105,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
iron (dissolved)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	124,000	140,000	123,000	124,000	129,000	158,000	97,000	94,800	85,700	142,000	140,000	116,000	117,000	83,900	181,000	197,000	160,000	131,000	146,000	93,400	201,000	28,600
iron (total)	---	---	20,800	---	4,330	10,700	2,640	11,500	4,780	12,300	6,180	33,000	30,900	73,400	85,300	93,700	135,000	137,000	124,000	122,000	126,000	162,000	93,500	90,800	88,900	142,000	139,000	120,000	116,000	84,300	182,000	195,000	167,000	128,000	153,000	94,100	198,000	15,300
magnesium	---	---	39,600	---	37,000	35,900	38,400	33,900	35,900	33,200	34,400	23,600	30,100	21,300	13,800	13,400	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
manganese (dissolved)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	5,400	6,350	7,840	7,370	8,180	5,990	10,900	8,250	10,600	8,120	11,500	19,700	12,100	17,100	7,670	7,480	11,700	11,700	10,300	14,300	3,420	24,000
manganese (total)	---	---	16,400	---	12,600	15,300	13,500	13,600	---	19,000	18,000	13,800	14,800	8,870	9,110	7,470	6,210	6,320	7,560	7,180	9,000	5,470	11,600	7,810	9,800	7,930	11,500	19,700	12,200	16,800	7,710	7,350	12,100	11,400	10,200	14,700	3,230	24,300
potassium	---	---	3,230(B)	---	4,770(B)	7,810	10,500	16,000	7,780	9,400	5,400	13,700	13,000	19,400	22,100	21,400	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
sodium	---	---	38,400	---	45,800	58,200	56,700	61,000	66,000	60,700	67,700	58,300	70,200	49,800	34,300	41,800	---	---	---	---	---	---	61,600	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
pH (SU)	---	6.86	6.53	---	6.2	6.0	5.98	6.62	5.69	6.77	5.99	6.19	6.04	6.27	6.18	6.20	5.90	6.23	6.27	6.19	6.19	6.22	6.20	6.26	6.02	6.38	6.19	6.13	6.45	6.21	6.26	6.35	6.25	6.30	6.21	6.04	6.43	5.94
SC (mS/cm)	---	1.6	1.06	---	1.56	1.67	1.85	1.6	1.64	1.57	1.61	1.39	1.62	1.37	1.29	0.80	0.893	0.830	1.29	1.09	1.28	1.23	1.35	1.06	1.32	1.43	1.15	1.395	1.228	1.250	0.917	0.804	1.239	1.156	0.901	1.085	1.100	1.066
Turb (NTU)	---	2.8	3.5	---	2	18	2	-10	1	13	-1	0	1	0	1	114	17	4.30	7	7.20	0.14	9.91	1.10	2.70	3	9.55	8.42	0.79	3.35	0.56	0.48	2.12	4.15	2.25	2.64	1.85	2.01	2.85
DO (mg/l)	---	0.2	0.4	---	0.03	0.04	0.12	3.34	0.31	0.62	-0.05	0.16	0.41	0.68	0.39	0	0.20	0.76	0.59	0.86	0.54	1.35	5.75	1.05	0.43	7.08	0.46	0.49	0.94	0.65	0.54	0.42	0.44	0.46	0.46	0.39	0.39	0.86
Eh (mv)	---	-11	20.9	---	92	6.3	---	-175	54	35	46	-6.3	23	-7	-4	-29	7.40	-35.2	9.80	-42.2	-18.1	-30.9	32.9	-40.1	-8.1	-57.1	-52	-57.8	-83.4	-56.2	-263.9	-67.5	-69.7	-75.7	-30.6	-74.5	-106.9	0
Temp (°C)	---	11	9.3	---	7	11	7.9	9.1	9.5	8.6	7.2	7.9	7.9	10	7.5	9.7	12	8.7	9.9	10	7.4	8.3	8.0	10	7.7	8.2	7.7	9.23	10.50	7.87	11.73	9.39	9.18	8.17	10.52	7.50	11.23	8.52
Water Level Elevation	151.09	143.81	---	145.31	145.50	144.93	145.29	144.58	145.07	145.87	145.67	146.29	145.53	145.13	145.50	145.48	145.34	145.50	145.63	143.42	145.46	145.44	145.78	145.74	145.84	145.78	145.78	146.11	145.79	145.73	145.38	145.73	145.82	145.88	145.94	145.78	145.48	148.03

SUMMARY OF HISTORICAL GROUND WATER QUALITY DATA
GMP WELL SC-10US

LANDFILL PERIMETER WELL
SCREENED INTERVAL - 5 - 20 FEET BGS

GMP Well SC-10US
[5 - 20 feet BGS]

constituent (ppb)	ICL	AGQS	Oct-93	Dec-93	May-94	Oct-94	May-95	Dec-95	Jun-96	Dec-96	Jun-97	Dec-97	May-98	Nov-98	May-99	Dec-99	Aug-00	Dec-00	Jul-01	Nov-01	May-02	Dec-02	Aug-03	Nov-03	May-04	Dec-04	May-05	Jun-06	Nov-06	Jun-07	Oct-07	Jun-08	Nov-08	May-09	Nov-09	May-10	Nov-10	May-11
benzene	5	5	<50	<71	<250	42	21	45	32	32	32	35	32	24	13	21	16	13	36	22	18	26	22	15	6.2	11	13	17	11	12	13	22	14	20	8	27	24	23
ethylbenzene	---	700	100	83	<250	110	72	120	110	120	150	120	140	78	29	36	14	10	100	7	0.9(J)	0.5(J)	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.3(J)	<1	<1	<1	<1
toluene	1,000	1,000	<50	<71	<250	<12	<13	8(J)	4(J)	3	3	1(J)	2	0.9(J)	<5	<1	<1	<1	1	<1	<1	0.3(J)	0.4(J)	<10	<1	0.4(J)	0.4(J)	0.5(J)	<1	0.3(J)	<1	<1	<1	0.4(J)	<1	0.9(J)	0.9(J)	0.9(J)
xylene	---	10,000	340	290	260	340	260	400	360	330	480	290	400	140	46	56	5	1	250	3	1	3	35	18	14	28	45	92	37	48	27	41	28	42	<3	100	92	110
PCE	5	5	<50	<71	<250	<10	<13	<12	<6	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
TCE	5	5	<50	<71	<250	<10	<13	<12	<6	<1	<1	<1	<1	1(B)	<5	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCE	70	70	180	46(J)	<250	<10	<13	<12	<6	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
vinyl chloride	2	2	440	170	150(J)	<10	<13	<12	<6	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
acetone	700	6,000	<250	<360	1,200(R)	50(R)	65	<62	<31	20	<5	22(B)	17(B)	6	<25	3(J)	5(J)	4(J)	13	7	19	<5	<5	<10	<1	2(J)	<5	<5	4(J)	<5	7(B)	5	<5	4(J)	14	6	8	4(J)
tetrahydrofuran	154	154	1,900	1,500	5,900(J)	1,800(J)	1,300(E)	1,500	1,100	1,500	1,400	620	<5	550	220	92	32	21	360	6	16	13	90	67	110	87	98(B)	180	75	78	51	160	76	140	5(J)	230	200	220
2-butanone	200	---	<250	<360	1,300(R)	50(R)	<63	<62	<31	15	6	<5	18	<5	<25	<5	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	1(J)	<5
4-methyl 2-pentanone	350	---	<250	<360	1,300(J)	<50	<63	<62	<31	<5	<5	1(J)	20	<5	<25	<5	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
methylene chloride	5	5	130(J)	180(B)	<570	<10	22(B)	<12	5(JB)	2(B)	3(B)	5(B)	2(B)	2(B)	8(B)	0.8(JB)	<1	<1	<1	1(B)	<1	<1	<1	<10	<1	<1	<2	<5	<5	<5	<5	<5	<5	<5	0.5(J)	<5	<5	<5	<5
1,1,1-TCA	---	200	<50	<71	<250	<10	<13	<12	<6	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCA	---	81	<50	<71	<250	<10	<13	<12	<6	1	1	1(J)	1(J)	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCE	7	7	<50	<71	<250	<10	<13	<12	<6	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCA	5	5	<50	<71	<250	<10	<13	<12	<6	2	<1	<1	0.8(J)	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromomethane	---	10	<50	<71	<250	<10	<13	<12	<6	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	3	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloromethane	---	30	<50	<71	<250	<10	<13	<12	<6	<1	<1	<1	<1	1	<5	<1	<1	<1	2	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroform	---	70	<50	<71	<250	<10	<13	<12	<6	1(J)	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
dibromochloromethane	---	60	<50	<71	<250	<10	<13	<12	<6	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromoform	---	4	<50	<71	<250	<10	<13	<12	<6	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
carbon disulfide	---	70	<50	<71	<250	<10	<13	<12	<6	<1	<1	<1	0.5(J)	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.5(BJ)	<1	<1	<1
styrene	---	100	<50	<71	<250	<10	<13	<12	<6	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroethane	14,000	---	<100	<71	<250	<10	<13	<12	<6	<1	2	<1	2	<1	<5	<1	<1	<1	3	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chlorobenzene	---	100	<50	<71	<250	4(J)	<13	<12	<6	4	4	5	5	4	<5	4	5	4	<1	7	6	8	9	9(J)	6.7	7	8	10	8	8	8	10	9	11	5	14	13	12
1,2-dichloropropane	---	5	<50	<71	<250	<10	<13	<12	<6	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-trichloroethane	---	5	<50	<71	<250	<10	<13	<12	<6	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	---	---	<50	<71	<250	<10	<13	<12	<6	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	---	---	<50	<71	<250	<10	<13	<12	<6	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	---	2	<50	<71	<250	<10	<13	<12	<6	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-hexanone	---	---	<250	<360	<570	<50	<63	<62	<31	<5	<5	<5	<5	<5	<25	<5	<5	<5	<5	<5	<5	9	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
GMP constituents																																						
cis-1,2-DCE	70	70	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
trans-1,2-DCE	---	100	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
dichlorodifluoromethane	---		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<2	<2	<2	<2	<2
isopropylbenzene	---	800	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	15	7	19	20	19
n-propylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	1	4	6	6
1,3,5-trimethylbenzene	---	330	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	<1	3	3	3
tert-butylbenzene	---		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,2,4-trichlorobenzene	---		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
sec-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	0.4(J)	0.5(J)	0.5(J)
1,3-dichlorobenzene	---		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
p-isopropyltoluene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.4(J)	<1	0.9(J)	0.9(J)	0.9(J)
1,4-dichlorobenzene	---	75	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	2	3	4	4
1,2-dichlorobenzene	---	600	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	2	4	4	3
n-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.3(J)	<1	<1	0.3(J)	0.3(J)
1,2,4-trimethylbenzene	---	330	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	7	<1	20	27	34
naphthalene	---	20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	<1	6	12	16
methyl tert-butyl ether	---	13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
diethyl ether	---	1,400	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	22	8	29	32	27
ethyl tertiary-butyl ether	---	40	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.2(J)	<1	0.3(J)	<1	<1
di-isopropyl ether	---	120	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	0.4(J)	0.4(J)	0.3(J)
tertiary-butyl alcohol	---	40	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<5	<5	13	18	<5
1,4-dioxane	---	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	25	11	18	24	50
arsenic (dissolved)	10	10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	11.6	12.1	14.5	11.2	15	15.3	24.5	28.6	29.8	32.6	25.4	23	34.2	41	77.9	59.5	94.1	83.8	80.1	102	163	129
arsenic (total)	---	---	8.2(B)	10	7.4	8.6	9.6(B)	11	12	13	14	21	20	15.1	14.6	9.4(B)	13.5	11.2	12.4	13.9	14.9	15.9	22.4	24.8	26	35.6	26.3	25.6	36.8	42.3	77	61.4	98.6	87.5	110	97	163	134
calcium	---	---	95,600	---	106,000	78,900	89,300	80,700	83,700	83,300	89,000	71,000	80,200	52,000	44,800	41,700	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
iron (dissolved)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	21,400	21,800	24,700	23,700	28,000	27,700	32,100	28,500	29,800	30,400	25,700	24,000	23,700	25,300	39,700	38,100	47,200	45,700	18,600	57,500	80,300	76,800
iron (total)	---	---	60,000	---	62,500	49,300	58,600	52,800	62,400	64,000	65,800	58,300	52,400	31,200	24,800	17,600	21,500	22,600	24,700	25,800	27,600	27,200	31,200	26,600	29,400	30,800	25,700	24,800	25,100	25,900	39,300	39,300	49,500	46,900	17,200	58,700	82,500	79,700
magnesium	---	---	52,000	---	57,400	47,300	54,500	50,800	52,000	55,500	59,200	54,000	55,900	40,200	36,900	32,200	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
manganese (dissolved)	---	840	---	---	---	---	---	---	---	---	---	---	---	---	---	---	588	532	658	589	581	578	494	521	498	484	405	304	418	493	587	595	783	744	335	676	838	788
manganese (total)	---	---	2,260	---	2,710	1,700	1,810	1,690	1,900	1,710	1,830	1,230	1,500	729	574	563	586	543	657	596	570	555	481	492	492	477	395	304	432	503	576	607	815	761	301	689	845	817
potassium	---	35,000	72,900	---	77,700	77,600	81,800	75,400	111,000	92,400	93,000	98,500	91,800	87,700	84,900	84,300	---	---	---	---	---	---	169,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
sodium	---	---	569,000	---	623,000	445,000	554,000	475,000	429,000	413,000	514,000	409,000	420,000	314,000	270,000	221,000	---	---	---	---	---	---	162,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
pH (SU)	---	---	5.78	---	6.61	6.44	6.43	7.20	6.25	7.49	6.59	6.62	6.49	6.51	6.44	6.45	6.32	6.31	6.49	6.41	6.34	6.11	6.37	6.46	6.50	6.34	6.1	6.27	6.77	6.41	6.52	6.20	6.18	6.01	6.80	6.04	6.36	6.31
SC (mS/cm)	---	---	3.24	---	0.48	4.50	5.32	4.10	4.44	10.6	4.49	3.95	4.10	3.41	3.28	2.87	2.53	2.44	2.4	2.44	2.36	2.61	1.75	1.86	2.01	1.7	1.62	1.818	1.576	1.135	1.650	1.819	1.651	1.646	0.670	2.043	1.471	2.12
Turb (NTU)	---	---	---	---	-2	7	1	-6	0	-6	4	6	0	0	1	---	4	1	7.4	3.4	---	1.56	0	1.4	1.7	1.56	1.36	1.33	2.91	0.18	0.21	0.94	0.36	1.38	1.32	0.2	5.8	1.46
DO (mg/l)	---	---	0.40	---	0.03	0	0.05	2.40	0.09	0.69	0	0.12	0.46	0.37	0.47	0	0.13	0	0.89	4.73	1.17	---	0.63	0.54	1.27	0.19	1.11	4.41	0.3	0.64	2.34	0.93	0.27	0.63	0.29	0.39	---	0.85
Eh (mv)	---	---	-152	---	-85.2	-86	---	-274	-98	-63	-52	87.9	-62	-64	-65	-82	20.4	-61	-18.1	-92.6	-27.5	-59	-5.9	-89	-21.3	-110.9	-47	-55.1	-84.4	-9.8	-164.3	-56.9	-88.2	-48.7	-16.8	-63.1	-121.3	-71.5
Temp (^{0}C)	---	---	12	---	9.2	11	10	9	11	9	9.4	11	10	11	10	11	12	8.8	12	11	11	9.4	12	11	9.2	10	10	12.49	11.77	9.64	12.79	11.56	11.56	9.23	10.76	10.63	11.38	10.03
Water Level Elevation	150.95	NA	---	146.76	146.72	146.05	146.57	146.70	145.94	145.87	146.61	146.50	146.44	145.94	146.24	146.54	146.58	146.53	146.79	144.31	146.50	146.62	146.87	146.85	146.80	146.95	146.83	147.01	146.95	146.85	146.31	146.88	146.86	146.85	148.53	146.61	146.54	147.56

SUMMARY OF HISTORICAL GROUND WATER QUALITY DATA
GMP WELL SC-22S

LANDFILL PERIMETER WELL
SCREENED INTERVAL - 5 - 15 FEET BGS

constituent (ppb)	ICL	AGQS	Aug-00	Dec-00	Jun-01	Nov-01	May-02	Dec-02	May-03	Nov-03	May-04	Dec-04	May-05	Oct-05	Jun-06	Oct-06	Jun-07	Nov-07	Jun-08	Nov-08*	May-09	Nov-09	May-10	Nov-10	May-11
benzene	**5**	5	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
ethylbenzene	---	700	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
toluene	**1,000**	1,000	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
xylene	---	10,000	<1	<1	<1	<1	<1	**0.4(J)**	<1	<10	<1	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
PCE	**5**	5	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
TCE	**5**	5	<1	**0.6(JB)**	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCE	**70**	70	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
vinyl chloride	**2**	2	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
acetone	**700**	6,000	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	**3(J)**	<5	<5	<5	**3(J)**	<5	<5
tetrahydrofuran	**154**	154	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
2-butanone	**200**	---	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
4-methyl 2-pentanone	**350**	---	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
methylene chloride	**5**	5	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<2	<2	<5	<5	<5	<5	**0.4(JB)**	<5	**2(JB)**	<5	<5	<5	<5
1,1,1-TCA	---	200	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCA	---	81	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCE	**7**	7	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCA	**5**	5	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromomethane	---	10	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloromethane	---	30	<1	<1	<1	**2**	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroform	---	70	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
dibromochloromethane	---	60	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromoform	---	4	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
carbon disulfide	---	70	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**0.4(JB)**	<1	<1	<1
styrene	---	100	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroethane	**14,000**	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chlorobenzene	---	100	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-dichloropropane	---	5	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-trichloroethane	---	5	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	---	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	---	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	---	2	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-hexanone	---	---	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
GMP constituents																									
cis-1,2-DCE	**70**	70	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
trans-1,2-DCE	---	100	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
dichlorodifluoromethane	---	1,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<2	<2	<2	<2	<2
isopropylbenzene	---	800	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
n-propylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,3,5-trimethylbenzene	---	330	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
tert-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,2,4-trichlorobenzene	---	70	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
sec-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,3-dichlorobenzene	---	600	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
p-isopropyltoluene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,4-dichlorobenzene	---	75	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,2-dichlorobenzene	---	600	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
n-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,2,4-trimethylbenzene	---	330	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
naphthalene	---	20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
methyl tert-butyl ether	---	13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
diethyl ether	---	1,400	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
ethyl tertiary-butyl ether	---	40	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
di-isopropyl ether	---	120	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
tertiary-butyl alcohol	---	40	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<5	<1	<5	<5	<5
1,4-dioxane	---	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<2	<2	<2	<2	<2
arsenic (dissolved)	**10**	10	<8	<8	<1.2	<2.5	<2.1	<2	<1.8	1.4(B)	<1.3	<3	<2.81	<3.45	<3.45	<3.09	<0.83	<0.83	<1.70	<0.98	<1.50	<2.4	<1.86	<1.86	<1.43
arsenic (total)	---	---	<8	<8	<1.2	<2.5	<2.1	<2	<1.8	<1.3	<1.3	<3	<2.81	<3.45	<3.45	<3.09	<0.83	<0.83	<1.70	<0.98	<1.50	<2.4	<1.86	<1.86	<1.43
calcium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
iron (dissolved)	---	---	40	<20	<54.5	<16.5	<17.9	<11.9	<9.31	20.3(B)	9.5(B)	<10.7	<21.4	<25.8	33.6(B)	24.8(B)	10.4(B)	20.9(B)	<6	<6.80	6.2(B)	406	<6.27	394	20.1(J)
iron (total)	---	---	120	750	<54.5	29(B)	<17.9	414	<9.31	33.2(B)	18.4(B)	16.8(B)	28.9(B)	<25.8	<25.80	79.2(B)	39.4(B)	92.5(B)	9.6(B)	81.6(B)	18.1(B)	426	12.4(J)	377	27.3(J)
magnesium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
manganese (dissolved)	---	840	12.6	17.9	11.5(B)	21.1	15.6(E)	14.4	6.9	6.2(B)	8.4(B)	7.6	7.6	5	88.7	41.8	14	31.8	3.1(B)	8.9	7.7	64	12.6	49.6	3.2(J)
manganese (total)	---	---	13.7	27.2	10.8(B)	21.3	16.5(E)	20.2	6.6	6.5(B)	8.2(B)	7.5	8.2	4.8 (B)	91.9	42.4	14.6	32	3.4(B)	9.9	7.7	58.6	13	45.7	3.2(J)
potassium	---	35,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
sodium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
pH (SU)	---	---	4.6	5.07	3.6	4.92	5.11	4.61	4.81	5.16	4.94	5.03	5.44	5.4	5.24	5.02	5.17	6.73	5.39	5.53	5.54	4.74	4.82	4.36	5.59
SC (mS/cm)	---	---	0.026	0.030	0.029	0.028	0.034	0.038	0.037	0.032	0.037	0.036	0.04	0.034	0.049	0.03	0.047	0.002	0.027	0.038	0.04	0.035	0.25	0.027	0.061
Turb (NTU)	---	---	10	---	1.9	2.5	0.54	6.4	0	0	0.62	0.31	1.5	1.3	0.17	1.81	1.06	0.04	0	4.18	5.83	0.57	0.21	1.3	0
DO (mg/l)	---	---	7.2	6.24	7.7	2.83	8.46	8.14	10.7	6.8	9.22	6.89	8.25	7.61	2.65	2.13	2.39	9.39	8	6.18	3.67	1.05	6.62	0.65	7.93
Eh (mv)	---	---	157	311	550	184	242	-18.4	466R	337	268	275	113	242.1	330.4	267.0	174.3	227.2	---	195.6	186.7	205.7	200.2	123.0	193.3
Temp (^{o}C)	---	---	14	7.9	12	11	7.3	10	8.7	11	7.7	7	8.6	12.19	3.1	13.12	9.69	13.96	10.47	10.73	8.72	11.32	9.79	12.21	8.52
Water Level Elevation	146.08	NA	138.12	141.13	140.81	136.59	141.36	138.67	142.20	139.25	142.48	142.48	143.33	142.67	143.23	141.38	141.53	138.74	141.46	141.34	142.09	141.88	140.77	138.82	143.37

"*" denotes that the ground water sample collected from Well SC-22S for VOC analyses was incorrectly identified in the field and on the laboratory analytical report as SC-22I.

SUMMARY OF HISTORICAL GROUND WATER QUALITY DATA
GMP WELL SC-23S

DOWNGRADIENT WELL
SCREENED INTERVAL - 6 - 16 FEET BGS

constituent (ppb)	ICL	AGQS	Aug-00	Dec-00	Jul-01	Nov-01	May-02	Dec-02	Jun-03	Nov-03	May-04	Dec-04	May-05	Oct-05	Jun-06	Oct-06	Jun-07	Oct-07	Jun-08	Nov-08	May-09	Nov-09	May-10	Nov-10	May-11
benzene	**5**	5	**8**	**8**	**2**	**10**	4	**28**	**0.3(J)**	<10	<1	<1	<1	<1	<1	<1	<1	**9**	<1	<1	<1	<1	<1	**12**	<1
ethylbenzene	---	700	**5**	4	**1**	**6**	**0.8(J)**	**24**	<1	<10	<1	<1	<1	<1	<1	<1	<1	**7**	<1	<1	<1	<1	<1	**7**	<1
toluene	**1,000**	1,000	**0.9(J)**	<1	<1	<1	<1	**2**	**0.3(J)**	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**0.4(J)**	<1
xylene	---	10,000	4	3	<1	**2**	<1	**53**	<1	<10	<1	<3	<3	<3	<3	<3	<3	**3(J)**	<3	<3	<3	<3	<3	4	<3
PCE	**5**	5	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
TCE	**5**	5	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCE	**70**	70	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
vinyl chloride	**2**	2	**1**	**2**	<1	**2**	<1	**2**	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
acetone	**700**	6,000	<5	<5	<5	<5	<5	<5	<5	**80(B)**	<1	<5	<5	**10**	<5	**6**	<5	**3(J)**	**4(J)**	<5	<5	<5	**3(J)**	**7**	**33**
tetrahydrofuran	**154**	154	**19**	**19**	<5	**22**	**13**	**57**	<5	<10	<1	<5	<5	<5	<5	<5	<5	**9**	<5	<5	<5	<5	<5	**5**	<5
2-butanone	**200**	---	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
4-methyl 2-pentanone	**350**	---	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
methylene chloride	**5**	5	<1	<1	<1	<1	<1	<1	<1	<10	<1	**2**	<2	<2	<5	<5	<5	<5	<5	**0.4(JB)**	<5	<5	<5	<5	<5
1,1,1-TCA	---	200	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCA	---	81	<1	<1	<1	<1	<1	**0.5(J)**	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCE	**7**	7	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCA	**5**	5	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromomethane	---	10	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloromethane	---	30	<1	**0.7(J)**	**3**	**2**	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroform	---	70	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
dibromochloromethane	---	60	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromoform	---	4	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
carbon disulfide	---	70	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**0.5(JB)**	<1	<1	<1
styrene	---	100	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroethane	**14,000**	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chlorobenzene	---	100	<1	<1	<1	**0.9(J)**	<1	**3**	<1	<10	<1	<1	<1	<1	<1	<1	<1	**2**	<1	<1	<1	<1	<1	**5**	<1
1,2-dichloropropane	---	5	<1	<1	<1	**0.5(J)**	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-trichloroethane	---	5	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	---	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	---	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	---	2	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-hexanone	---	---	<5	<5	<5	<5	<5	**10**	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
GMP constituents																									
cis-1,2-DCE	**70**	70	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
trans-1,2-DCE	---	100	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
dichlorodifluoromethane	---	1,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<2	<2	<2	**0.3(J)**	<2
isopropylbenzene	---	800	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	**5**	<1
n-propylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	**2**	<1
1,3,5-trimethylbenzene	---	330	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	**0.8(J)**	<1
tert-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,2,4-trichlorobenzene	---	70	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
sec-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	**0.2(J)**	<1
1,3-dichlorobenzene	---	600	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
p-isopropyltoluene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,4-dichlorobenzene	---	75	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	**4**	<1
1,2-dichlorobenzene	---	600	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	**0.4(J)**	<1
n-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,2,4-trimethylbenzene	---	330	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	**3**	<1
naphthalene	---	20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	**4**	<1
methyl tert-butyl ether	---	13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
diethyl ether	---	1,400	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	**2**	<1
ethyl tertiary-butyl ether	---	40	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
di-isopropyl ether	---	120	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
tertiary-butyl alcohol	---	40	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<5	<5	<5	<5	<5
1,4-dioxane	---	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**8.9**	<2	<2	**1.9(J)**	<2
arsenic (dissolved)	**10**	10	11	18	18	24	20.2	61.2	18.5	12.4	16.9	39	57.1	3.5(B)	74.9	15.8	78.6	122	75.3	78.2	74.4	43.8	38.8	130	2.2(J)
arsenic (total)	---	---	10	18	12	27.8	23.8	63.2	22.7	2.2(B)	15.5	39.1	57	5.2 (B)	82.9	16.2	76.4	120	75	75.8	76.5	47.1	54.1	127	2.9(J)
calcium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
iron (dissolved)	---	---	13,800	13,600	9,220	15,600	11,000	38,500	4,400	3,620	3,860	7,380	6,340	1,650	5,640	8,370	6,510	23,500	5,280	5,650	6,140	5,800	5,750	31,800	783
iron (total)	---	---	13,800	13,600	7,510	16,800	11,500	39,400	4,860	3,600	4,040	7,460	6,510	1,800	6,920	8,460	6,420	23,400	5,430	5,430	6,760	5,820	6,510	31,700	876
magnesium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
manganese (dissolved)	---	840	690	834	239	996	399	2,380	57.4	48.7	43	44.8	39.2	30.1	37.2	42.2	45.5	582	34	36.1	34	34.5	38.1	1,340	24.9
manganese (total)	---	---	685	845	157	999	433	2,420	55.5	48	43.2	45.9	39.1	31.2	39.6	43.0	44.6	577	34.6	33.3	36.2	33.9	36.7	1,340	25.7
potassium	---	35,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
sodium	---	---	---	---	---	---	---	---	8,260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
pH (SU)	---	---	5.4	5.79	5.55	5.88	5.75	5.80	5.67	5.79	5.43	5.52	5.83	5.54	5.47	5.63	5.57	5.35	5.56	5.59	5.44	5.30	5.41	6.21	5.12
SC (mS/cm)	---	---	0.912	0.180	0.153	0.306	0.225	0.705	0.061	0.065	0.08	0.088	0.075	0.044	0.056	0.059	0.049	0.268	0.041	0.052	0.054	0.055	0.051	0.449	0.052
Turb (NTU)	---	---	8.2	4.9	1.2	17.9	5.13	1.9	0	8.9	5.6	5.88	13	4.7	3.04	3.03	---	2.61	3.59	1.62	5.3	2.08	---	3.3	2.16
DO (mg/l)	---	---	0.5	1.56	0.41	1.4	0.41	8.58	0.28	0.39	0.34	0.29	0.5	0.32	1.03	0.34	0.66	0.89	0.33	0.3	0.41	0.62	0.65	0.50	0.48
Eh (mv)	---	---	58.1	64.7	99.8	46.1	117	-84.8	117	77.9	82.1	56.1	54.2	8.7	63.7	-13.5	66.9	-136.6	63.8	22.5	76	20.8	62.4	-26.2	79.6
Temp (^{0}C)	---	---	13	9	11	11	8.1	9.1	9.5	9.7	7.8	6.5	8.4	11.39	11.35	12.09	9.38	14.08	9.9	11.27	9	11.57	8.32	11.88	7.41
Water Level Elevation	143.87	NA	133.69	---	134.50	132.42	136.02	133.77	137.16	136.31	137.36	136.99	136.95	137.27	137.97	136.82	136.87	134.36	136.70	136.79	136.99	136.62	136.25	134.78	138.16

SUMMARY OF HISTORICAL GROUND WATER QUALITY DATA
WELL SC-24S

DOWNGRADIENT WELL
SCREENED INTERVAL - 5 - 15 FEET BGS

constituent (ppb)	ICL	Aug-00	Dec-00	Jun-01	Nov-01	May-02	Dec-02	Jun-03	Nov-03	May-04	Dec-04	Jun-05	Jun-06	Oct-06	Jun-07	Oct-07	Jun-08	Nov-08	May-09	Nov-09	May-10	Nov-10	May-11
benzene	5	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
ethylbenzene	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
toluene	1,000	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
xylene	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
PCE	5	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
TCE	5	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCE	70	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
vinyl chloride	2	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
acetone	700	**3(JB)**	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	**3(J)**	<5	<5	<5	**2(J)**	<5	<5	<5	<5	<5
tetrahydrofuran	154	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
2-butanone	200	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
4-methyl 2-pentanone	350	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
methylene chloride	5	**1**	<1	<1	<1	**3(B)**	<1	<1	<10	<1	<1	<2	<5	<5	<5	<5	<5	**0.5(JB)**	<5	<5	<5	<5	<5
1,1,1-TCA	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCA	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCE	7	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCA	5	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromomethane	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloromethane	---	<1	<1	<1	**2**	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroform	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
dibromochloromethane	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromoform	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
carbon disulfide	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	**0.7(JB)**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
styrene	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroethane	14,000	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chlorobenzene	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-dichloropropane	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-trichloroethane	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-hexanone	---	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
arsenic (dissolved)	10	<8	<8	<6	3(B)	<2.1	<2	2.8(B)	6.4(B)	4.5(B)	<3	4.1(B)	<3.45	<3.09	2.7(B)	2(B)	<1.7	2.9(B)	<1.50	3.8(B)	8(J)	<1.86	2.1(J)
arsenic (total)	---	<8	<8	1.3	3.9(B)	<2.1	3.9(B)	1.9(B)	<1.3	2.5(B)	<3	5.5(B)	4.0(B)	<3.09	3.1(B)	1.9(B)	2(B)	6.2(B)	1.9(B)	7.5(B)	12.7	2.3(J)	<1.43
calcium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
iron (dissolved)	---	13,900	11,700	19,400	10,900	10,700	11,300	11,500	9,440	10,300	12,000	11,700	11,400	9,640	10,700	10,100	11,000	10,700	11,800	11,800	25,500	10,400	11,100
iron (total)	---	21,400	18,600	12,200	12,100	12,200	18,300	11,700	11,100	10,700	14,600	11,900	13,700	10,600	11,800	11,000	12,100	21,500	12,500	20,000	34,400	11,000	11,100
magnesium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
manganese (dissolved)	---	493	310	345	240	218	235	207	194	200	217	212	207	209	184	184	198	215	224	208	341	187	193
manganese (total)	---	586	384	263	243	227	265	209	210	202	230	205	236	204	198	188	210	235	229	300	440	194	190
potassium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
sodium	---	---	---	---	---	---	---	5,990	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
pH (SU)	---	5.7	5.98	4.59	5.87	5.92	6.04	6	6.22	5.76	6.17	5.9	5.8	6.2	5.84	5.71	5.73	5.89	5.88	5.72	5.9	5.80	5.81
SC (mS/cm)	---	0.077	0.057	0.066	0.086	0.091	0.094	0.066	0.092	0.09	0.096	0.091	0.068	0.09	0.094	0.065	0.092	0.09	0.096	0.168	0.096	0.084	0.063
Turb (NTU)	---	150	230	150	34.8	38	20.4	0	0.38	24	41.7	21.9	27.1	15.6	13.8	15.7	12.6	25.1	12.4	129	463	5.81	4.6
DO (mg/l)	---	0.2	0.28	0.29	0.19	0.92	0.37	0.4	0.43	0.75	0.4	0.44	0.25	0.64	0.36	0.6	0.92	0.28	0.28	0.58	0.72	0.44	0.28
Eh (mv)	---	11.9	10	59.5	13.6	8.9	-152	74.5	-8.2	42.5	-4.7	39.1	-7.6	-35.2	3.8	-210	23.6	16.3	-15.6	140.3	-78.9	-21.1	-8.8
Temp (°C)	---	13	7.6	15	11	8.1	9.3	9.6	11	7.6	7.6	8	10.04	11.7	8.69	14.18	10.76	10.57	8.86	10.58	8.62	10.62	8.68
Water Level Elevation	141.90	137.95	140.90	140.09	136.95	140.30	139.67	140.31	140.31	140.35	140.32	138.26	140.25	140.25	139.90	139.17	140.06	139.94	139.91	140.04	139.37	139.38	139.89

SUMMARY OF HISTORICAL GROUND WATER QUALITY DATA
GMP WELL SC-25

SENTINEL WELL
SCREENED INTERVAL - 4.5 - 14.5 FEET BGS

GMP Well SC-25
[4.5 - 14.5 feet BGS]

constituent (ppb)	ICL	AGQS	NH GW-2	Aug-00	Dec-00	Jul-01	Nov-01	May-02	Dec-02	May-03	Nov-03	May-04	Dec-04	Jun-05	Nov-05	Jun-06	Dec-06	Jun-07	Nov-07	Jun-08	Nov-08	May-09	Nov-09	May-10	Nov-10	May-11
benzene	**5**	5	2,000	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
ethylbenzene	---	700	50,000	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
toluene	**1,000**	1,000	50,000	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
xylene	---	10,000	30,000	<1	**0.6 (J)**	<1	<1	<1	<1	<1	<10	<1	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
PCE	**5**	5	80	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
TCE	**5**	5	90	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCE	**70**	70	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**1.0(J)**
vinyl chloride	**2**	2	10	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<2	<2	<2	<1	<1	<1	<1	<1	<1	<1
acetone	**700**	6,000	---	<5	<5	<5	**3(JB)**	<5	<5	<5	<10	<1	<5	<5	**4 (J)**	<5	<5	<5	<5	<5	<5	<5	<5	**2(J)**	<5	<5
tetrahydrofuran	**154**	154	---	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
2-butanone	**200**	---	50,000	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
4-methyl 2-pentanone	**350**	---	50,000	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
methylene chloride	**5**	5	1,000	<1	<1	<1	<1	<1	<1	<1	<10	<1	**1(J)**	<2	<2	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,1,1-TCA	---	200	50,000	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCA	---	81	10,000	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCE	**7**	7	1,000	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCA	**5**	5	300	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromomethane	---	10	10	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<2	<2	<2	<1	<1	<1	<1	<1	<1	<1
chloromethane	---	30	---	<1	<1	<1	**0.6(J)**	<1	<1	<1	<10	<1	<1	<1	<1	<1	<2	<2	<2	<1	<1	<1	<1	<1	<1	<1
chloroform	---	70	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
dibromochloromethane	---	60	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromoform	---	4	2,000	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
carbon disulfide	---	70	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
styrene	---	100	50,000	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroethane	**14,000**	---	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<2	<2	<2	<1	<1	<1	<1	<1	<1	<1
chlorobenzene	---	100	2,000	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-dichloropropane	---	5	200	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-trichloroethane	---	5	500	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	---	---	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	---	---	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	---	2	1,000	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-hexanone	---	---	---	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
GMP constituents																										
cis-1,2-DCE	**70**	70	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	**1.0(J)**
trans-1,2-DCE	---	100	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
dichlorodifluoromethane	---	1,000		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<2	<2	<2	<2	<2
isopropylbenzene	---	800	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
n-propylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,3,5-trimethylbenzene	---	330	1,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
tert-butylbenzene	---	260		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,2,4-trichlorobenzene	---	70		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
sec-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,3-dichlorobenzene	---	600		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
p-isopropyltoluene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,4-dichlorobenzene	---	75	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,2-dichlorobenzene	---	600	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
n-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,2,4-trimethylbenzene	---	330	3,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
naphthalene	---	20	2,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
methyl tert-butyl ether	---	13	10,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
diethyl ether	---	1,400	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
ethyl tertiary-butyl ether	---	40	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
di-isopropyl ether	---	120	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
tertiary-butyl alcohol	---	40	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<5	<5	<5	<5	<5
1,4-dioxane	---	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<2	<2	<2	<2	<2
arsenic (dissolved)	**10**	10	---	---	<8	<1.2	<2.5	<2.1	---	<1.8	2(B)	<1.3	<3	<2.81	<3.45	<3.45	---	<1.20	1.4 B	<1.7	<0.98	<1.50	<2.4	<1.86	<1.86	<1.43
arsenic (total)	---	---	---	---	<8	<1.2	<2.5	<2.1	<1.6	<1.8	<1.3	1.8(B)	<3	<2.81	<3.45	<3.45	---	<1.20	<1.20	<1.7	<0.98	<1.50	<2.4	<1.86	<1.86	<1.43
calcium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
iron (dissolved)	---	---	---	---	70	<54.5	32.6(B)	79.2(B)	---	37.3(B)	45.8(B)	15.2(B)	15.9(B)	36.1(B)	413	51.4	---	12.6 B	18.4 B	22.3(B)	<6.80	7.6(B)	<12	9.3(J)	9.5(J)	21.9(J)
iron (total)	---	---	---	---	60	<54.5	49.1(B)	194	277	65.7(B)	<9.4	40.4(B)	40.1(B)	84.1(B)	383	57.8(B)	---	74.9 B	48.4 B	19.2(B)	8.0(B)	8.7(B)	20.3(B)	8.8(J)	50.5(J)	32(J)
magnesium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
manganese (dissolved)	---	840	---	---	238	224	223	103	---	195	227	198	248	368	509	308	---	130	292	271	571	63.5	394	97.3	319	184
manganese (total)	---	---	---	---	245	235	234	108	262	199	235	194	249	376	485	308	---	145	296	285	564	65.2	421	98.2	328	188
potassium	---	35,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
sodium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
pH (SU)	---	---	---	4.83	4.95	4.44	4.99	5.11	5.02	4.98	4.93	4.58	4.91	4.95	4.64	4.82	4.57	4.62	4.77	4.64	4.67	4.46	4.58	4.76	5.04	4.92
SC (mS/cm)	---	---	---	0.256	0.288	0.199	0.266	0.32	0.616	0.416	0.81	0.531	0.724	0.428	1.004	0.369	0.547	0.259	0.646	0.292	1.255	0.319	1.093	0.253	0.442	0.384
Turb (NTU)	---	---	---	198	0.05	0.3	4.8	1.79	4.21	0	0.77	3.2	0.28	3.1	1.4	0	---	---	---	1.23	2.05	0.27	-0.53	0.16	0.16	0
DO (mg/l)	---	---	---	---	3.79	4.91	9.63	2.83	3.67	3.32	4.77	4.38	3.51	3.61	2.41	5.55	17.7	44.4	11.6	3.17	3.31	3.97	1.53	1.52	1.87	1.61
Eh (mv)	---	---	---	77.3	292	355	144	142	324	216	321	303	172	181	311.7	317.2	359	---	---	331.1	174.4	432.1	257.8	195.2	295.1	159.8
Temp (^{0}C)	---	---	---	13	9.1	9.7	11	7.5	11	7.6	13	7	8.7	9.4	13.04	10.81	9.720	11.18	9.31	8.39	11.17	8.01	12.1	8.42	12.35	6.95
Water Level Elevation	144.12	NA	NA	---	137.77	137.97	136.52	139.33	138.45	139.04	138.68	139.10	139.54	139.12	142.77	140.35	---	---	137.71	138.43	138.92	138.97	139.06	138.22	137.91	139.48

SUMMARY OF HISTORICAL GROUND WATER QUALITY DATA
GMP WELL SC-26

SENTINEL WELL
SCREENED INTERVAL - 2 - 10 FEET BGS

constituent (ppb)	ICL	AGQS	NH GW-2	Aug-00	Dec-00	Aug-01	Nov-01	May-02	Dec-02	May-03	Nov-03	May-04	Dec-04	Jun-05	Oct-05	Jun-06	Dec-06	Jun-07	Nov-07	Jun-08	Nov-08	May-09	Nov-09	May-10	Nov-10	May-11
benzene	**5**	5	2,000	**5**	**1**	**16**	**2**	**1**	**3**	**2**	**2(J)**	**11**	**2**	**6**	**0.5 (J)**	**6**	<1	<1	**1**	**3**	**3**	**0.8(J)**	**0.4(J)**	<1	**2**	<1
ethylbenzene	---	700	50,000	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	**0.4(J)**	<1	**1**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
toluene	**1,000**	1,000	50,000	<1	<1	**0.8(J)**	<1	<1	<1	<1	<10	**10**	**0.3(J)**	**0.3(J)**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
xylene	---	10,000	30,000	<1	<1	<1	<1	<1	<1	<1	<10	<1	<3	**7**	<3	**2(J)**	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
PCE	**5**	5	80	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
TCE	**5**	5	90	<1	<1	<1	<1	**6**	<1	<1	<10	**11**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCE	**70**	70	---	**1**	<1	<1	**0.6(J)**	**1**	<1	<1	<10	<1	<1	**0.8(J)**	<1	**1**	<1	<1	<1	**0.3(J)**	**0.9(J)**	**0.8(J)**	**0.2(J)**	<1	**1**	<1
vinyl chloride	**2**	2	10	**1**	<1	<1	**0.6(J)**	<1	<1	<1	<10	<1	<1	**2**	<1	<1	<2	<2	<2	<1	**0.5(J)**	<1	<1	<1	<1	<1
acetone	**700**	6,000	---	<5	<5	**5(J)**	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	**5**	<5	<5	**8**	<5	<5	**3(J)**	<5	<5
tetrahydrofuran	**154**	154	---	**6**	**8**	<5	**6**	<5	<5	<5	<10	**10**	**3(J)**	**15(B)**	<5	**20**	<5	<5	<5	**14**	**5**	<5	<5	<5	**4(J)**	<5
2-butanone	**200**	---	50,000	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
4-methyl 2-pentanone	**350**	---	50,000	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
methylene chloride	**5**	5	1,000	**0.9 (JB)**	<1	**1(B)**	<1	<1	<1	<1	<10	<1	<1	<2	<2	<5	<5	<5	<5	<5	**2(JB)**	**2(JB)**	<5	<5	<5	<5
1,1,1-TCA	---	200	50,000	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCA	---	81	10,000	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCE	**7**	7	1,000	<1	<1	<1	<1	<1	<1	<1	<10	**10**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCA	**5**	5	300	<1	<1	**3**	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromomethane	---	10	10	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<2	<2	<2	<1	<1	<1	<1	<1	<1	<1
chloromethane	---	30	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<2	<2	<2	<1	<1	<1	<1	<1	<1	<1
chloroform	---	70	---	<1	<1	<1	<1	<1	<1	<1	<10	**1.5**	<1	<1	<1	<1	**13 B**	<1	<1	<1	<1	**17**	<1	**20**	<1	**9**
dibromochloromethane	---	60	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromoform	---	4	2,000	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
carbon disulfide	---	70	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
styrene	---	100	50,000	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroethane	**14,000**	---	---	**0.6 (J)**	<1	<1	<1	<1	<1	<1	<10	<1	<1	**0.8(J)**	<1	<1	<2	<2	<2	**0.4(J)**	<1	<1	<1	<1	<1	<1
chlorobenzene	---	100	2,000	**6**	**1**	<1	<1	**2**	**4**	<1	<10	**9.7**	**2**	**6**	<1	**5**	**0.6 J**	<1	**1**	**3**	**4**	**1**	**0.7(J)**	**0.3(J)**	**2**	<1
1,2-dichloropropane	---	5	200	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-trichloroethane	---	5	500	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	---	---	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	---	---	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	---	2	1,000	<1	<1	<1	<1	**12**	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-hexanone	---	---	---	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
GMP constituents																										
cis-1,2-DCE	**70**	70	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**0.8(J)**	**0.2(J)**	<1	**1**	<1
trans-1,2-DCE	---	100	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
dichlorodifluoromethane	---	1,000		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<2	<2	<2	<2	<2
isopropylbenzene	---	800	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	**0.7(J)**	<1
n-propylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	**0.3(J)**	<1
1,3,5-trimethylbenzene	---	330	1,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
tert-butylbenzene	---	260		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,2,4-trichlorobenzene	---	70		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
sec-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,3-dichlorobenzene	---	600		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
p-Isopropyltoluene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	---	75	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**0.6(J)**	**0.8(J)**	**0.3(J)**	<1	<1
1,2-Dichlorobenzene	---	600	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	**0.3(J)**	<1
n-Butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,2,4-Trimethylbenzene	---	330	3,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	**0.5(J)**	<1	<1
Naphthalene	---	20	2,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
Methyl tert-butyl ether	---	13	10,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
Diethyl Ether	---	1,400	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	**0.6(J)**	<1
Ethyl tertiary-butyl ether	---	40	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
Di-isopropyl ether	---	120	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
Tertiary-butyl alcohol	---	40	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<5	<5	<5	<5	<5
1,4-Dioxane	---	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**2.8**	**1.5(JB)**	<2	**9.5**	<2
arsenic (dissolved)	**10**	10	---	---	<8	101	84	<2.08	---	6(B)	6.2(B)	16.7	31	30.8	<3.45	40.6	---	<1.20	1.6(B)	14.6	30.4	2.7B	5.4(B)	2.4(J)	2.6(J)	<1.43
arsenic (total)	---	---	---	---	<8	98.3	85.3	<2.08	<2	7.8(B)	<1.3	17.5	31.3	29.2	<3.45	38.6	---	<1.20	5(B)	16.3	33	4.8(B)	5.9(B)	<1.95	2.1(J)	2.7(J)
calcium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
iron (dissolved)	---	---	---	---	11,100	57,400	32,800	2,540	---	12,100	1,880	9,120	15,400	17,600	<25.80	31,000	---	152	135	18,300	20,800	4,040	2,430	1,100	3,600	314
iron (total)	---	---	---	---	12,100	56,900	34,000	2,710	8,940	14,400	2,290	9,430	15,000	17,000	54.9(B)	30,400	---	263	616	19,900	21,900	4,840	2,390	1,020	3,550	526
magnesium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
manganese (dissolved)	---	840	---	---	198	516	399	140(E)	---	313	408	292	556	883	221	745	---	38.2	293	868	388	541	160	496	212	93.3
manganese (total)	---	---	---	---	213	516	395	141(E)	331	334	406	301	552	846	234	740	---	36.9	296	828	405	554	160	526	213	102
potassium	---	35,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
sodium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
pH (SU)	---	---	---	6.31	6.34	6.21	6.36	6.28	6.21	6.41	6.20	6.35	6.74	6.42	6.05	6.38	5.97	6.01	6.05	6.18	6.5	6.23	6.04	6.37	6.37	6.42
SC (mS/cm)	---	---	---	0.763	0.417	0.772	0.657	0.926	1.001	0.477	1.474	0.783	1.23	0.842	1.394	0.9	1.193	0.117	0.79	1.249	0.64	0.36	0.472	0.262	0.776	0.299
Turb (NTU)	---	---	---	0	2.4	0	4.70	3.97	1.47	0	1.21	6.4	0.87	0.04	1.8	1.08	---	---	---	0.67	-0.32	0.68	0.33	0.47	2.0	3.12
DO (mg/l)	---	---	---	0.63	0.4	0.43	3.65	1.42	0.98	0.75	1.18	0.9	5.5	0.94	1.83	1.68	4.4	43.5	5.2	0.33	0.35	0.36	1.09	0.9	2.73	1.99
Eh (mv)	---	---	---	-38	31.7	68.5	-33.1	64.8	80	-21.9	47.4	37.4	-54.0	-18	118	-46.3	---	272	---	-7.5	-58.3	37.6	23.2	15.8	57.7	69.7
Temp (^{o}C)	---	---	---	13	7.4	13	11	8	8.97	8.4	12	8.8	7.8	8.8	12.02	12.07	9.84	11.85	10.1	10.65	11.4	8.37	11.29	8.79	11.83	7.77
Water Level Elevation	144.12	NA	NA	---	139.46	137.99	137.05	140.23	139.50	139.98	139.87	139.76	139.89	139.54	140.28	140.44	---	---	139.07	140.21	139.57	142.01	139.53	139.42	139.02	140.51

SUMMARY OF HISTORICAL GROUND WATER QUALITY DATA
GMP WELL SC-27

SENTINEL WELL
SCREENED INTERVAL - 2 - 10 FEET BGS

constituent (ppb)	ICL	AGQS	NH GW-2	Aug-00	Dec-00	Jul-01	Nov-01	May-02	Dec-02	Jun-03	Nov-03	May-04	Dec-04	Jun-05	Oct-05	Jun-06	Dec-06	Jun-07	Nov-07	Jun-08	Nov-08	May-09	Nov-09	May-10	Nov-10	May-11
benzene	**5**	5	2,000	<1	<1	<1	---	<1	<1	<1	<10	<1	**0.9(J)**	**2**	<1	**0.6(J)**	**0.6 J**	**1 J**	<1	**0.3(J)**	**0.7(J)**	**0.6(J)**	<1	**0.6(J)**	**0.4(J)**	<1
ethylbenzene	---	700	50,000	<1	<1	<1	---	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
toluene	**1,000**	1,000	50,000	<1	<1	<1	---	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	**0.3 J**	<1	<1	<1	<1	<1	<1	<1	<1
xylene	---	10,000	30,000	<1	<1	<1	---	<1	<1	<1	<10	<1	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
PCE	**5**	5	80	<1	<1	<1	---	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
TCE	**5**	5	90	<1	<1	<1	---	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCE	**70**	70	---	<1	<1	<1	---	<1	<1	<1	<10	<1	**0.8(J)**	**2**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**0.3(J)**	<1
vinyl chloride	**2**	2	10	<1	<1	<1	---	<1	<1	<1	<10	<1	**0.5(J)**	**2**	**0.3 (J)**	<1	<2	<2	<2	<1	<1	<1	<1	<1	<1	<1
acetone	**700**	6,000	---	**3(JB)**	**3 (J)**	<5	---	**10**	<5	<5	<10	<1	<5	<5	<5	<5	<5	**5 J**	<5	<5	**4(J)**	<5	<5	<5	<5	<5
tetrahydrofuran	**154**	154	---	<5	<5	<5	---	<5	<5	<5	<10	<1	<5	**2(JB)**	<5	<5	<5	**8**	<5	**2(J)**	<5	<5	**2(J)**	**3(J)**	**3(J)**	<5
2-butanone	**200**	---	50,000	<5	<5	<5	---	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
4-methyl 2-pentanone	**350**	---	50,000	<5	<5	<5	---	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
methylene chloride	**5**	5	1,000	**0.8(JB)**	<1	<1	---	<1	<1	<1	<10	<1	**0.5(J)**	<2	<2	<5	<5	<5	<5	<5	**1(JB)**	<5	<5	<5	<5	<5
1,1,1-TCA	---	200	50,000	<1	<1	<1	---	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCA	---	81	10,000	<1	<1	<1	---	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCE	**7**	7	1,000	<1	<1	<1	---	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCA	**5**	5	300	<1	<1	<1	---	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromomethane	---	10	10	<1	<1	<1	---	<1	<1	<1	<10	<1	<1	<1	<1	<1	<2	<2	<2	<1	<1	<1	<1	<1	<1	<1
chloromethane	---	30	---	<1	<1	**2**	---	<1	<1	<1	<10	<1	<1	<1	<1	<1	<2	<2	<2	<1	<1	<1	<1	<1	<1	<1
chloroform	---	70	---	<1	**2**	<1	---	**2**	**0.3(JB)**	**0.4(J)**	<10	<1	<1	<1	<1	<1	<1	<1	<1	**0.3(J)**	<1	<1	<1	<1	<1	<1
dibromochloromethane	---	60	---	<1	<1	<1	---	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromoform	---	4	2,000	<1	<1	<1	---	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
carbon disulfide	---	70	---	<1	<1	<1	---	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
styrene	---	100	50,000	<1	<1	<1	---	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroethane	**14,000**	---	---	<1	<1	<1	---	<1	<1	<1	<10	<1	<1	<1	<1	<1	<2	<2	<2	<1	<1	<1	<1	<1	<1	<1
chlorobenzene	---	100	2,000	<1	<1	<1	---	<1	<1	<1	<10	<1	**0.7(J)**	**2**	<1	<1	**1**	**2**	**2**	**0.8(J)**	**1**	**1**	**1**	**1(J)**	**1**	<1
1,2-dichloropropane	---	5	200	<1	<1	<1	---	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-trichloroethane	---	5	500	<1	<1	<1	---	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	---	---	---	<1	<1	<1	---	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	---	---	---	<1	<1	<1	---	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	---	2	1,000	<1	<1	<1	---	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-hexanone	---	---	---	<1	<1	<1	---	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
GMP constituents																										
cis-1,2-DCE	**70**	70	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	**0.3(J)**	<1
trans-1,2-DCE	---	100	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
dichlorodifluoromethane	---	1,000		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<2	<2	<2	<2	<2
isopropylbenzene	---	800	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
n-propylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,3,5-trimethylbenzene	---	330	1,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
tert-butylbenzene	---	260		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,2,4-trichlorobenzene	---	70		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
sec-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,3-dichlorobenzene	---	600		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
p-Isopropyltoluene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	---	75	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**0.6(J)**	**0.6(J)**	**0.4(J)**	<1	<1
1,2-Dichlorobenzene	---	600	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	**0.2(J)**	<1	**0.2(J)**	<1
n-Butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,2,4-Trimethylbenzene	---	330	3,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
Naphthalene	---	20	2,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
Methyl tert-butyl ether	---	13	10,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
Diethyl Ether	---	1,400	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**0.7(J)**	**0.4(J)**	<1	**0.5(J)**	<1
Ethyl tertiary-butyl ether	---	40	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
Di-isopropyl ether	---	120	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
Tertiary-butyl alcohol	---	40	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<5	<5	<5	<5	<5
1,4-Dioxane	---	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**5.9**	**4.5**	**4.6**	**3.7**	<2
arsenic (dissolved)	**10**	10	---	---	<8	<8	---	<2.08	<2	<1.80	4.3(B)	1.4(B)	7.1(B)	9.7	<3.45	20.5	---	25.4	9.7	16.6	[redacted]	[redacted]	27.5	26.3	4(J)	<1.43
arsenic (total)	---	---	---	---	9	69	---	<2.08	<2	7.7(B)	31.1	<1.3	8.4	9.1	12.3	21.9	---	31.9	82.3	19.3	32.7	24.8	84.1	26.6	63.7	<1.43
calcium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
iron (dissolved)	---	---	---	---	100	490	---	60.5(B)	25.1(B)	567	1,950	2,220	8,720	9,730	3,030	7,840	---	6,510	2,980	8,980	9,440	11,700	12,900	11,400	95.9(J)	103
iron (total)	---	---	---	---	3,820	32,400	---	525	255	2,930	16,800	2,360	9,360	10,000	5,700	8,370	---	7,530	13,800	9,160	10,100	11,300	22,600	12,200	8,040	309
magnesium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
manganese (dissolved)	---	840	---	---	1,430	2,330	---	204	71.2	593	1,770	3,550	1,560	1,740	380	1,100	---	1,110	1,580	1,660	2,010	1,560	1,650	1,400	53.6	572
manganese (total)	---	---	---	---	1,480	2,550	---	227	104	658	2,460	3,380	1,590	1,760	362	1,120	---	1,120	1,580	1,650	1,930	1,480	1,770	1,440	90.6	601
potassium	---	35,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
sodium	---	---	---	---	---	---	---	---	---	95,100	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
pH (SU)	---	---	---	6.36	6.49	6.43	---	6.44	5.30	6.43	6.57	6.30	6.33	6.20	6.09	6.29	6.49	5.73	5.99	6.36	6.34	6.03	6.32	6.36	6.45	6.23
SC (mS/cm)	---	---	---	0.68	0.314	0.589	---	0.638	0.814	0.711	1.043	0.882	0.855	0.63	0.433	0.601	0.585	0.52	0.590	0.551	0.627	0.638	1.018	0.752	0.566	0.597
Turb (NTU)	---	---	---	7	---	68.5	---	8.1	8.1	12	---	5.9	6.01	1.14	22	3.18	---	---	---	1.97	10.8	0.17	75.7	0.41	16	2.49
DO (mg/l)	---	---	---	3.01	1.59	6.74	---	4.80	9.38	3.77	---	3.23	5.64	0.92	1.76	1.91	4.5	2.7	20.2	3.05	0.36	0.48	1.46	2.84	4.83	0.79
Eh (mv)	---	---	---	131	130	55.6	---	103	43.2	70.2	90.3	43.9	23.9	32.9	47.6	-32.5	---	79	---	1	-48.5	4.2	-27.3	-41.6	164.2	76.2
Temp (°C)	---	---	---	13	3.9	12	---	7.7	8.2	9.8	10	7.5	6.9	8.7	11.2	14.28	8.44	13.88	11.76	13.09	12.57	10.08	12.05	10.05	12.72	8.56
Water Level Elevation	142.64	NA	NA	---	138.09	137.02	DRY	139.77	137.79	140.23	140.39	141.92	140.36	138.18	138.28	140.63	---	---	133.2	135.97	136.17	136.72	136.72	136.11	134.73	138.51

SUMMARY OF HISTORICAL GROUND WATER QUALITY DATA
GMP WELL B-11WT

DOWNGRADIENT WELL
SCREENED INTERVAL - 2 - 11.5 FEET BGS

constituent (ppb)	ICL	AGQS	May-09	Nov-09	May-10	Nov-10	May-11
benzene	**5**	5	<1	<1	<1	<1	<1
ethylbenzene	---	700	<1	<1	<1	<1	<1
toluene	**1,000**	1,000	<1	<1	<1	<1	<1
xylene	---	10,000	<3	<3	<3	<3	<3
PCE	**5**	5	<1	<1	<1	<1	<1
TCE	**5**	5	<1	<1	<1	<1	<1
1,2-DCE	**70**	70	<1	<1	<1	<1	<1
vinyl chloride	**2**	2	<1	<1	<1	<1	<1
acetone	**700**	6,000	<5	<5	<5	<5	<5
tetrahydrofuran	**154**	154	<5	<5	<5	<5	<5
2-butanone	**200**	---	<5	<5	<5	<5	<5
4-methyl 2-pentanone	**350**	---	<5	<5	<5	<5	<5
methylene chloride	**5**	5	<5	<5	<5	<5	<5
1,1,1-TCA	---	200	<1	<1	<1	<1	<1
1,1-DCA	---	81	<1	<1	<1	<1	<1
1,1-DCE	**7**	7	<1	<1	<1	<1	<1
1,2-DCA	**5**	5	<1	<1	<1	<1	<1
bromomethane	---	10	<1	<1	<1	<1	<1
chloromethane	---	30	<1	<1	<1	<1	<1
chloroform	---	70	<1	<1	<1	<1	<1
dibromochloromethane	---	60	<1	<1	<1	<1	<1
bromoform	---	4	<1	<1	<1	<1	<1
carbon disulfide	---	70	<1	<1	<1	<1	<1
styrene	---	100	<1	<1	<1	<1	<1
chloroethane	**14,000**	---	<1	<1	<1	<1	<1
chlorobenzene	---	100	<1	<1	<1	<1	<1
1,2-dichloropropane	---	5	<1	<1	<1	<1	<1
1,1,2-trichloroethane	---	5	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	---	---	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	---	---	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	---	2	<1	<1	<1	<1	<1
2-hexanone	---	---	<5	<5	<5	<5	<5
GMP constituents							
cis-1,2-DCE	**70**	70	<1	<1	<1	<1	<1
trans-1,2-DCE	---	100	<1	<1	<1	<1	<1
dichlorodifluoromethane	---	1,000	<2	<2	<2	<2	<2
isopropylbenzene	---	800	<1	<1	<1	<1	<1
n-propylbenzene	---	260	<1	<1	<1	<1	<1
1,3,5-trimethylbenzene	---	330	<1	<1	<1	<1	<1
tert-butylbenzene	---	260	<1	<1	<1	<1	<1
1,2,4-trichlorobenzene	---	70	<1	<1	<1	<1	<1
sec-butylbenzene	---	260	<1	<1	<1	<1	<1
1,3-dichlorobenzene	---	600	<1	<1	<1	<1	<1
p-isopropyltoluene	---	260	<1	<1	<1	<1	<1
1,4-dichlorobenzene	---	75	<1	<1	<1	<1	<1
1,2-dichlorobenzene	---	600	<1	<1	<1	<1	<1
n-butylbenzene	---	260	<1	<1	<1	<1	<1
1,2,4-trimethylbenzene	---	330	<1	<1	<1	<1	<1
naphthalene	---	20	<1	<1	<1	<1	<1
methyl tert-butyl ether	---	13	<1	<1	<1	<1	<1
diethyl ether	---	1,400	<1	<1	<1	<1	<1
ethyl tertiary-butyl ether	---	40	<1	<1	<1	<1	<1
di-isopropyl ether	---	120	<1	<1	<1	<1	<1
tertiary-butyl alcohol	---	40	<5	<5	<5	<5	<5
1,4-dioxane	---	3	<2	<2	<2	<2	<2
arsenic (dissolved)	**10**	10	<8	8	10	<8	<8
arsenic (total)	---	---	<8	9	10	<8	<8
calcium	---	---	---	---	---	---	---
iron (dissolved)	---	---	2,370	7,100	4,950	451	2,140
iron (total)	---	---	2,510	7,560	4,970	455	2,270
magnesium	---	---	---	---	---	---	---
manganese (dissolved)	---	840	28	46.4	46	135	82
manganese (total)	---	---	28	48.6	46	133	83
potassium	---	35,000	---	---	---	---	---
sodium	---	---	---	---	---	---	---
pH (SU)	---	---	4.94	5.16	5.14	5.16	4.86
SC (mS/cm)	---	---	0.027	0.056	0.29	0.037	0.043
Turb (NTU)	---	---	0.67	0.19	2.78	2.1	0
DO (mg/l)	---	---	0.63	0.19	0.2	5.11	0.23
Eh (mv)	---	---	166.3	82.9	100.8	168	162
Temp (^{o}C)	---	---	11.4	11.37	10.12	12.01	10.80
Water Level Elevation	151.18	NA	148.47	148.23	147.61	145.88	148.51

SUMMARY OF GROUND WATER ANALYTICAL DATA
GMP WELL MW-201(S)

SOUTHERN PLUME WELL
SCREENED INTERVAL - 1-11 FEET BGS

constituent (ppb)	ICL	AGQS	Nov-07	May-09	Nov-09	May-10	Nov-10	May-11
benzene	**5**	5	<1	<1	<1	<1	<1	<1
ethylbenzene	---	700	<1	<1	<1	<1	<1	<1
toluene	**1,000**	1,000	<1	<1	<1	<1	<1	<1
xylenes (total)	---	10,000	<3	<3	<3	<3	<3	<3
PCE	**5**	5	<1	<1	<1	<1	<1	<1
TCE	**5**	5	<1	<1	<1	<1	<1	<1
1,2-DCE	**70**	70	<1	<1	<1	<1	<1	<1
vinyl chloride	**2**	2	<2	<1	<1	<1	<1	<1
acetone	**700**	6,000	<5	<5	<5	<5	<5	<5
tetrahydrofuran	**154**	154	<5	<5	<5	<5	<5	<5
2-butanone	**200**	---	<5	<5	<5	<5	<5	<5
4-methyl 2-pentanone	**350**	---	<5	<5	<5	<5	<5	<5
methylene chloride	**5**	5	<5	<5	<5	<5	<5	<5
1,1,1-TCA	---	200	<1	<1	<1	<1	<1	<1
1,1-DCA	---	81	<1	<1	<1	<1	<1	<1
1,1-DCE	**7**	7	<1	<1	<1	<1	<1	<1
1,2-DCA	**5**	5	<1	<1	<1	<1	<1	<1
bromomethane	---	10	<2	<1	<1	<1	<1	<1
chloromethane	---	30	<2	<1	<1	<1	<1	<1
chloroform	---	70	<1	<1	<1	<1	<1	<1
dibromochloromethane	---	60	<1	<1	<1	<1	<1	<1
bromoform	---	4	<1	<1	<1	<1	<1	<1
carbon disulfide	---	70	<1	<1	<1	<1	<1	<1
styrene	---	100	<1	<1	<1	<1	<1	<1
chloroethane	**14,000**	---	<2	<1	<1	<1	<1	<1
chlorobenzene	---	100	<1	<1	<1	<1	<1	<1
1,2-dichloropropane	---	5	<1	<1	<1	<1	<1	<1
1,1,2-trichloroethane	---	5	<1	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	---	---	<1	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	---	---	<1	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	---	2	<1	<1	<1	<1	<1	<1
2-hexanone	---	---	<5	<5	<5	<5	<5	<5
GMP constituents								
cis-1,2-DCE	**70**	70	---	<1	<1	<1	<1	<1
trans-1,2-DCE	---	100	---	<1	<1	<1	<1	<1
dichlorodifluoromethane	---	1,000	---	<2	<2	<2	<2	<2
isopropylbenzene	---	800	---	<1	<1	<1	<1	<1
n-propylbenzene	---	260	---	<1	<1	<1	<1	<1
1,3,5-trimethylbenzene	---	330	---	<1	<1	<1	<1	<1
tert-butylbenzene	---	260	---	<1	<1	<1	<1	<1
1,2,4-trichlorobenzene	---	70	---	<1	<1	<1	<1	<1
sec-butylbenzene	---	260	---	<1	<1	<1	<1	<1
1,3-dichlorobenzene	---	600	---	<1	<1	<1	<1	<1
p-isopropyltoluene	---	260	---	<1	<1	<1	<1	<1
1,4-dichlorobenzene	---	75	---	<1	<1	<1	<1	<1
1,2-dichlorobenzene	---	600	---	<1	<1	<1	<1	<1
n-butylbenzene	---	260	---	<1	<1	<1	<1	<1
1,2,4-trimethylbenzene	---	330	---	<1	<1	<1	<1	<1
naphthalene	---	20	---	<1	<1	<1	<1	<1
methyl tert-butyl ether	---	13	---	<1	<1	<1	<1	<1
diethyl ether	---	1,400	---	<1	<1	<1	<1	<1
ethyl tertiary-butyl ether	---	40	---	<1	<1	<1	<1	<1
di-isopropyl ether	---	120	---	<1	<1	<1	<1	<1
tertiary-butyl alcohol	---	40	---	<5	<5	<5	<5	<5
1,4-dioxane	---	3	---	<2	<2	<2	<2	<2
arsenic (dissolved)	**10**	10	5.40 B	<8	<8	<8	<8	<8
arsenic (total)	---	---	9.20	<8	<8	<8	<8	<8
calcium	---	---	---	---	---	---	---	---
iron (dissolved)	---	---	2,630	2,890	2,970	2,260	1,350	2,730
iron (total)	---	---	7,240	4,160	3,810	4,510	2,890	2,940
magnesium	---	---	---	---	---	---	---	---
manganese (dissolved)	---	840	92.6	81	77.7	74.0	102	76
manganese (total)	---	---	140	97	86	101	113	79
potassium	---	35,000	---	---	---	---	---	---
sodium	---	---	---	---	---	---	---	---
pH (SU)	---	---	5.94	5.83	5.9	5.74	5.84	5.98
SC (mS/cm)	---	---	0.065	0.059	0.56	0.55	0.059	0.055
Turb (NTU)	---	---	158	17.5	18	35.2	6.3	10.08
DO (mg/l)	---	---	0.11	0.63	1.04	0.4	0.64	0.79
ORP (mv)	---	---	29	56.2	7.2	40.6	37.3	18.2
Temp (^{o}C)	---	---	7.96	9.90	9.83	9.04	11.68	8.11
Water Level Elevation	NA	NA	---	---	---	---	---	---

SUMMARY OF HISTORICAL GROUND WATER QUALITY DATA
GMP WELL SB-A1

DOWNGRADIENT WELL
SCREENED INTERVAL - 5 - 15 FEET BGS

constituent (ppb)	ICL	AGQS	Apr-93	Jul-93	Oct-93	Jun-01	May-04	Dec-04	May-05	Jun-06	Oct-06	Jun-07	Oct-07	May-09	Nov-09	May-10	Nov-10	May-11
benzene	**5**	5	<0.2	<0.2	<0.2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
ethylbenzene	---	700	<0.3	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
toluene	**1,000**	1,000	<0.2	<0.2	**0.4**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
xylene	---	10,000	<0.7	<0.7	<0.7	<1	<1	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
PCE	**5**	5	<0.4	<0.4	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
TCE	**5**	5	<0.3	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCE	**70**	70	<0.4	<0.4	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
vinyl chloride	**2**	2	<0.4	<0.4	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
acetone	**700**	6,000	---	<5	<5	<5	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
tetrahydrofuran	**154**	154	<1.0	<5	<5	<5	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
2-butanone	**200**	---	---	<5	<5	<5	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
4-methyl 2-pentanone	**350**	---	---	<5	<5	<5	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
methylene chloride	**5**	5	<1.0	<1	**1**	**0.7(JB)**	<1	<1	<2	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,1,1,-TCA	---	200	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCA	---	81	<0.3	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCE	**7**	7	<1.3	<1.3	<1.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCA	**5**	5	<0.7	<0.7	<0.7	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromomethane	---	10	<0.3	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloromethane	---	30	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroform	---	70	<0.7	<0.7	<0.7	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
dibromochloromethane	---	60	<0.3	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromoform	---	4	<0.3	**0.3**	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
carbon disulfide	---	70	---	<5	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
styrene	---	100	<0.4	<0.4	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroethane	**14,000**	---	<0.4	<0.4	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chlorobenzene	---	100	<0.2	<0.2	<0.2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-dichloropropane	---	5	<0.3	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-trichloroethane	---	5	<0.2	**0.4**	<0.2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	---	---	<0.4	<0.4	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	---	---	<0.4	<0.4	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	---	2	<0.3	**0.6**	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-hexanone	---	---	---	<5	<5	<5	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
GMP constituents																		
cis-1,2-DCE	**70**	70	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
trans-1,2-DCE	---	100	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
dichlorodifluoromethane	---	1,000	---	---	---	---	---	---	---	---	---	---	---	<2	<2	<2	<2	<2
isopropylbenzene	---	800	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
n-propylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,3,5-trimethylbenzene	---	330	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
tert-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,2,4-trichlorobenzene	---	70	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
sec-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,3-dichlorobenzene	---	600	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
p-isopropyltoluene	---	260	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,4-dichlorobenzene	---	75	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,2-dichlorobenzene	---	600	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
n-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,2,4-trimethylbenzene	---	330	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
naphthalene	---	20	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
methyl tert-butyl ether	---	13	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
diethyl ether	---	1,400	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
ethyl tertiary-butyl ether	---	40	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
di-isopropyl ether	---	120	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
tertiary-butyl alcohol	---	40	---	---	---	---	---	---	---	---	---	---	---	<5	<5	<5	<5	<5
1,4-dioxane	---	3	---	---	---	---	---	---	---	---	---	---	---	<2	<2	<2	<2	<2
arsenic (dissolved)	**10**	10	---	---	---	<8	<8	<8	<8	<8	<8	<8	<8	<8	<8	<8	<8	<8
arsenic (total)	---	---	---	3	---	<8	<8	<8	<8	<8	<8	<8	<8	<8	<8	<8	<8	<8
calcium	---	---	690	613	531	---	---	---	---	---	---	---	---	---	---	---	---	---
iron (dissolved)	---	---	---	---	---	910	730	635	930	820	750	862	844	702	620	671	598	688
iron (total)	---	---	936	960	1,280	1,020	980	1,140	1,050	990	820	1,050	939	804	690	683	610	818
magnesium	---	---	431	383	373	---	---	---	---	--	---	---	---	---	---	---	---	---
manganese (dissolved)	---	840	---	---	---	9.7	10	11.9	9.3	7.8	7.3	8	6.6	7	5.9	7	6.3	7
manganese (total)	---	---	17.6	8.8	10.4	9.8	10	11.8	9.7	8.5	7.7	7.4	7.6	7	5.5	8	5.9	7
potassium	---	35,000	529	350	400	---	---	---	---	---	---	---	---	---	---	---	---	---
sodium	---	---	3,260	2,340	2,450	---	---	---	---	---	---	---	---	---	---	---	---	---
pH (SU)	---	---	---	---	---	1.94	---	4.43	4.77	4.42	4.58	4.78	4.68	4.35	4.48	4.44	4.76	4.8
SC (mS/cm)	---	---	---	---	---	0.021	---	0.034	0.032	0.036	0.032	0.036	0.048	0.037	0.038	0.032	0.030	0.030
Turb (NTU)	---	---	---	---	---	0	---	0.71	0.73	0.95	1.72	0.42	0.61	4.21	2.58	0.14	2.5	1.74
DO (mg/l)	---	---	---	---	---	0.18	---	0.23	0.57	1.26	0.14	0.16	0.63	0.48	0.32	NM	0.25	0.94
Eh (mv)	---	---	---	---	---	165.6	---	197	121	182.1	140.9	115.9	2.8	171.5	137.5	154.1	55.2	93.5
Temp (^{o}C)	---	---	---	---	---	8.38	---	8.86	7.07	8.99	10.79	8.65	10.53	9.34	10.42	8.09	11.08	8.07
Water Level Elevation	152.34	NA	---	---	---	148.44	---	148.04	148.39	148.49	148.49	148.32	147.68	148.35	148.55	147.82	147.87	148.93

SUMMARY OF HISTORICAL GROUND WATER QUALITY DATA
GMP WELL SB-A2

DOWNGRADIENT WELL
SCREENED INTERVAL - 18.5 - 28.5 FEET BGS

constituent (ppb)	ICL	AGQS	Apr-93	Jul-93	Oct-93	Jun-01	May-04	Dec-04	May-05	Jun-06	Oct-06	Jun-07	Oct-07	May-09	Nov-09	May-10	Nov-10	May-11
benzene	**5**	5	<0.2	<0.2	<0.2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
ethylbenzene	---	700	<0.3	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
toluene	**1,000**	1,000	<0.2	<0.2	<0.2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
xylene	---	10,000	<0.7	<0.7	<0.7	<1	<1	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
PCE	**5**	5	<0.4	<0.4	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
TCE	**5**	5	<0.3	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCE	**70**	70	<0.4	<0.4	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
vinyl chloride	**2**	2	<0.4	<0.4	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
acetone	**700**	6,000	---	**3**	<5	<5	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
tetrahydrofuran	**154**	154	<1	**9**	**5**	<5	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
2-butanone	**200**	---	---	<5	<5	<5	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
4-methyl 2-pentanone	**350**	---	---	**12**	**5**	<5	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
methylene chloride	**5**	5	<1	<1	<1	**0.6(JB)**	<1	<1	<2	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,1,1,-TCA	---	200	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCA	---	81	<0.3	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCE	**7**	7	<1.3	<1.3	<1.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCA	**5**	5	<0.7	<0.7	<0.7	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromomethane	---	10	<0.3	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloromethane	---	30	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroform	---	70	<0.7	<0.7	<0.7	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
dibromochloromethane	---	60	<0.3	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromoform	---	4	<0.3	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
carbon disulfide	---	70	---	<5.0	<5.0	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
styrene	---	100	<0.4	<0.4	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroethane	**14,000**	---	<0.4	<0.4	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chlorobenzene	---	100	<0.2	<0.2	<0.2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-dichloropropane	---	5	<0.3	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-trichloroethane	---	5	<0.2	<0.2	<0.2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	---	---	<0.4	<0.4	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	---	---	<0.4	<0.4	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	---	2	<0.3	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-hexanone	---	---	---	<5	<5	<5	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
GMP constituents																		
cis-1,2-DCE	**70**	70	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
trans-1,2-DCE	---	100	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
dichlorodifluoromethane	---	1,000	---	---	---	---	---	---	---	---	---	---	---	<2	<2	<2	<2	<2
isopropylbenzene	---	800	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
n-propylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,3,5-trimethylbenzene	---	330	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
tert-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,2,4-trichlorobenzene	---	70	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
sec-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,3-dichlorobenzene	---	600	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
p-isopropyltoluene	---	260	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,4-dichlorobenzene	---	75	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,2-dichlorobenzene	---	600	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
n-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,2,4-trimethylbenzene	---	330	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
naphthalene	---	20	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
methyl tert-butyl ether	---	13	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
diethyl ether	---	1,400	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
ethyl tertiary-butyl ether	---	40	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
di-isopropyl ether	---	120	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
tertiary-butyl alcohol	---	40	---	---	---	---	---	---	---	---	---	---	---	<5	<5	<5	<5	<5
1,4-dioxane	---	3	---	---	---	---	---	---	---	---	---	---	---	<2	**2**	**5**	**2.1**	<2
arsenic (dissolved)	**10**	10	---	---	---	<8	<8	<8	<8	<8	<8	<8	<8	<8	<8	<8	<8	<8
arsenic (total)	---	---	---	3	---	<8	<8	<8	<8	<8	<8	<8	<8	<8	<8	<8	<8	<8
calcium	---	---	1,980	3,370	3,300	----	---	---	---	---	---	---	---	---	---	---	---	---
iron (dissolved)	---	---	---	---	---	7,060	590	4,620	6,940	6,600	5,360	5,950	5,990	5,440	5,650	5,060	5,260	4,440
iron (total)	---	---	6,430	6,120	6,170	8,040	610	4,910	7,100	6,720	5,550	6,250	6,270	5,960	5,340	5,170	5,400	4,820
magnesium	---	---	1,230	998	999	----	---	---	---	---	---	---	---	---	---	---	---	---
manganese (dissolved)	---	840	---	---	---	91.5	85	57.5	93.1	85.7	68.2	80.2	77	70	67.2	70	68.5	64
manganese (total)	---	---	89	80	80.9	101	88	59.5	91.8	85.6	70.4	83.2	80.4	73	70.2	71	70.2	69
potassium	---	35,000	1,670	591	64	----	---	---	---	---	---	---	---	---	---	---	---	---
sodium	---	---	3,740	4,840	4,860	----	---	---	---	---	---	---	---	---	---	---	---	---
pH (SU)	---	---	---	---	---	4.27	---	5.47	6.01	5.77	5.85	6.06	6.07	6.13	5.86	6.05	6.08	6.12
SC (mS/cm)	---	---	---	---	---	0.055	---	0.058	0.071	0.075	0.062	0.073	0.051	0.073	0.066	0.067	0.066	0.064
Turb (NTU)	---	---	---	---	---	22	---	1.5	0.9	1.78	2.50	1.50	4.65	3.79	0.97	0.57	2.3	2.89
DO (mg/l)	---	---	---	---	---	0.26	---	0.36	0.52	0.14	0.18	0.27	0.22	0.89	0.27	0.25	0.27	0.86
Eh (mv)	---	---	---	---	---	76.7	---	139	62.5	42	15.1	30	-193.5	15	48	1.8	-51.6	-2.2
Temp (^{o}C)	---	---	---	---	---	10.7	---	8.57	8.09	10.1	9.39	10.16	9.88	11.22	9.43	8.38	10.15	8.76
Water Level Elevation	152.13	NA	---	---	---	148.41	---	147.51	148.41	148.53	148.53	148.35	147.71	148.41	148.57	147.88	147.92	148.66

SUMMARY OF HISTORICAL GROUND WATER QUALITY DATA
GMP WELL SC-3US

LANDFILL PERIMETER WELL
SCREENED INTERVAL - 3.5 - 4.5 FEET BGS

constituent (ppb)	ICL	AGQS	Jun-01	Jun-05	Jun-07	Jun-08	Nov-08	May-09	Nov-09	May-10	Nov-10	May-11
benzene	**5**	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
ethylbenzene	---	700	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
toluene	**1,000**	1,000	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
xylene	---	10,000	<1	<3	<3	<3	<3	<3	<3	<3	<3	<3
PCE	**5**	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
TCE	**5**	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCE	**70**	70	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2
vinyl chloride	**2**	2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2
acetone	**700**	6,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
tetrahydrofuran	**154**	154	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
2-butanone	**200**	---	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
4-methyl 2-pentanone	**350**	---	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
methylene chloride	**5**	5	**0.9(JB)**	<2	<5	<5	<5	<5	<5	<5	<5	<5
1,1,1-TCA	---	200	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCA	---	81	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCE	**7**	7	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCA	**5**	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromomethane	---	10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2
chloromethane	---	30	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2
chloroform	---	70	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
dibromochloromethane	---	60	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromoform	---	4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
carbon disulfide	---	70	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
styrene	---	100	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroethane	**14,000**	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2
chlorobenzene	---	100	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-dichloropropane	---	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-trichloroethane	---	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	---	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	---	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	---	2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-hexanone	---	---	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
GMP constituents												
cis-1,2-DCE	**70**	70	---	---	---	---	---	<1	<1	<1	<1	<1
trans-1,2-DCE	---	100	---	---	---	---	---	<1	<1	<1	<1	<1
dichlorodifluoromethane	---	1,000	---	---	---	---	---	<2	<2	<2	<2	<2
isopropylbenzene	---	800	---	---	---	---	---	<1	<1	<1	<1	<1
n-propylbenzene	---	260	---	---	---	---	---	<1	<1	<1	<1	<1
1,3,5-trimethylbenzene	---	330	---	---	---	---	---	<1	<1	<1	<1	<1
tert-butylbenzene	---	260	---	---	---	---	---	<1	<1	<1	<1	<1
1,2,4-trichlorobenzene	---	70	---	---	---	---	---	<1	<1	<1	<1	<1
sec-butylbenzene	---	260	---	---	---	---	---	<1	<1	<1	<1	<1
1,3-dichlorobenzene	---	600										
p-isopropyltoluene	---	260	---	---	---	---	---	<1	<1	<1	<1	<1
1,4-dichlorobenzene	---	75	---	---	---	---	---	<1	<1	<1	<1	<1
1,2-dichlorobenzene	---	600	---	---	---	---	---	<1	<1	<1	<1	<1
n-butylbenzene	---	260	---	---	---	---	---	<1	<1	<1	<1	<1
1,2,4-trimethylbenzene	---	330	---	---	---	---	---	<1	<1	<1	<1	<1
naphthalene	---	20	---	---	---	---	---	<1	<1	<1	<1	<1
methyl tert-butyl ether	---	13	---	---	---	---	---	<1	<1	<1	<1	<1
diethyl ether	---	1,400	---	---	---	---	---	<1	<1	<1	<1	<1
ethyl tertiary-butyl ether	---	40	---	---	---	---	---	<1	<1	<1	<1	<1
di-isopropyl ether	---	120	---	---	---	---	---	<1	<1	<1	<1	<1
tertiary-butyl alcohol	---	40	---	---	---	---	---	<5	<5	<5	<5	<5
1,4-dioxane	---	3	---	---	---	---	---	<2	<2	<2	<2	<2
arsenic (dissolved)	**10**	10	<8	<8	<8	<8	<8	<8	<8	<8	<8	<8
arsenic (total)	---	---	<8	<8	<8	<8	<8	<8	<8	<8	<8	<8
iron (dissolved)	---	---	6,370	19,700	6,920	9,870	4,940	26,700	9,460	9,560	11,700	4,110
iron (total)	---	---	6,320	18,600	6,850	9,700	6,420	25,800	9,280	9,510	11,700	4,160
manganese (dissolved)	---	840	32	135	23.1	91.1	33.5	116	37.3	31	25.9	18
manganese (total)	---	---	30.8	129	22.2	87.4	36.4	110	36.1	31	26.3	18
pH (SU)	---	---	4.59	4.49	5.03	4.84	5.16	4.67	4.99	5.01	5.10	5.39
SC (mS/cm)	---	---	0.19	1.004	0.128	0.431	0.138	0.814	0.205	0.128	0.095	0.214
Turb (NTU)	---	---	0.36	0.48	1.62	1.18	3.7	0.34	5.75	1.27	1.48	0.30
DO (mg/l)	---	---	0.10	1	0.3	0.35	0.29	0.92	0.44	0.38	0.39	0.42
Eh (mv)	---	---	197	168.1	96.4	179.9	125	140.9	100.7	115.6	120.7	94.3
Temp (°C)	---	---	10.59	9.02	11.66	12.53	10.46	9.08	10.31	9.66	11.20	10.07
Water Level Elevation	155.47	NA	151.94	151.74	151.78	152.22	151.76	151.69	152.12	151.35	151.39	152.22

SUMMARY OF HISTORICAL GROUND WATER QUALITY DATA
GMP WELL SC-5US

LANDFILL PERIMETER WELL
SCREENED INTERVAL - 9.5 - 14.5 FEET BGS

constituent (ppb)	ICL	AGQS	NH GW-2	Mar-00	Jul-01	Jun-05	Nov-05	Jun-06	Nov-06	Jun-07	Nov-07	Jun-08	Nov-08	May-09	Nov-09	May-10	Nov-10	May-11
benzene	**5**	5	2,000	**7**	**4(J)**	**4**	**1**	**6**	**5**	**10**	**1**	**6**	**10**	**4**	**3**	**5**	<1	**9**
ethylbenzene	---	700	50,000	<5	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
toluene	**1,000**	1,000	50,000	<5	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
xylene	---	10,000	30,000	<5	<5	<3	<3	**5**	**2 J**	**6**	<3	<3	<3	<3	<3	<3	<3	<3
PCE	**5**	5	80	<5	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
TCE	**5**	5	90	<5	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCE	**70**	70	---	<5	**1(J)**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	**2**
vinyl chloride	**2**	2	10	<2	<2	<1	<1	<1	<2	<2	<2	<1	<1	<1	<2	<1	<1	<1
acetone	**700**	6,000	---	<5	**3(J)**	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	**6**	<5	<5
tetrahydrofuran	**154**	154	---	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
2-butanone	**200**	---	50,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
4-methyl 2-pentanone	**350**	---	50,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
methylene chloride	**5**	5	1,000	<5	<5	<2	<2	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,1,1-TCA	---	200	50,000	<5	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCA	---	81	10,000	<5	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCE	**7**	7	1,000	<5	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCA	**5**	5	300	<5	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromomethane	---	10	10	<5	<5	<1	<1	<1	<2	<2	<2	<1	<1	<1	<1	<1	<1	<1
chloromethane	---	30	---	<5	<5	<1	<1	<1	<2	<2	<2	<1	<1	<1	<2	<1	<1	<1
chloroform	---	70	---	<5	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
dibromochloromethane	---	60	---	<5	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromoform	---	4	2,000	<5	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
carbon disulfide	---	70	---	<5	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
styrene	---	100	50,000	<5	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroethane	**14,000**	---	---	<5	<5	<1	<1	<1	<2	<2	<2	<1	<1	<1	<1	<1	<1	<1
chlorobenzene	---	100	2,000	<5	**2(J)**	<1	<1	**4**	**3**	**6**	**0.8 J**	**4**	**9**	**2**	**3**	**6**	<1	**9**
1,2-dichloropropane	---	5	200	<5	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-trichloroethane	---	5	500	<5	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	---	---	---	<5	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	---	---	---	<5	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	---	2	1,000	<5	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-hexanone	---	---	---	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
GMP constituents																		
cis-1,2-DCE	**70**	70	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	**2**
trans-1,2-DCE	---	100	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
dichlorodifluoromethane	---	1,000		---	---	---	---	---	---	---	---	---	---	<2	<2	<2	<2	<2
isopropylbenzene	---	800	---	---	---	---	---	---	---	---	---	---	---	**1**	**2**	**3**	<1	**7**
n-propylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	**2**
1,3,5-trimethylbenzene	---	330	1,000	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
tert-butylbenzene	---	260		---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,2,4-trichlorobenzene	---	70		---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
sec-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,3-dichlorobenzene	---	600		---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
p-isopropyltoluene	---	260	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,4-dichlorobenzene	---	75	---	---	---	---	---	---	---	---	---	---	---	**1**	**1**	**2**	<1	**3**
1,2-dichlorobenzene	---	600	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
n-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,2,4-trimethylbenzene	---	330	3,000	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
naphthalene	---	20	2,000	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	**3**
methyl tert-butyl ether	---	13	10,000	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
diethyl ether	---	1,400	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
ethyl tertiary-butyl ether	---	40	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
di-isopropyl ether	---	120	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
tertiary-butyl alcohol	---	40	---	---	---	---	---	---	---	---	---	---	---	<5	<5	<5	<5	<5
1,4-dioxane	---	3	---	---	---	---	---	---	---	---	---	---	---	<10	<2	<2	<2	<2
arsenic (dissolved)	**10**	10	---	---	110	122	149	---	---	128	135	110	147	120	122	118	118	130
arsenic (total)	---	---	---	---	120	120	149	---	---	131	134	109	149	125	124	124	119	125
iron (dissolved)	---	---	---	---	53,000	91,900	62,900	---	---	77,600	42,100	50,200	71,200	75,000	52,800	75,200	37,300	73,600
iron (total)	---	---	---	---	59,000	90,500	62,800	---	---	78,800	42,000	49,800	72,700	78,800	54,400	76,600	36,600	69,800
manganese (dissolved)	---	840	---	---	550	670	443	---	---	928	592	504	863	696	658	820	504	687
manganese (total)	---	---	---	---	560	662	443	---	---	941	581	503	881	729	678	809	505	648
pH (SU)	---	---	---	---	6.3	6.11	6.22	6.13	---	5.29	6.43	6.24	6.2	6.01	6.09	5.69	6.43	6.27
SC (mS/cm)	---	---	---	---	0.555	0.727	0.774	0.734	---	0.734	0.54	0.545	0.677	0.666	0.421	0.663	0.514	0.675
Turb (NTU)	---	---	---	---	---	4.07	3.9	5.18	---	---	---	1.89	5.31	0.25	0.13	20.2	5.41	0.43
DO (mg/l)	---	---	---	---	0.38	0.35	0.18	1.35	---	2.1	0.6	0.35	0.16	0.55	0.37	0.33	0.32	1.58
Eh (mv)	---	---	---	---	-11.6	37.1	-35.9	-31.3	---	14	-43	-44.8	-46.5	-41.6	-34.8	-43.5	-33.1	-42.8
Temp (^{o}C)	---	---	---	---	10.97	9.5	11.74	10.76	---	9.91	9.48	9.84	10.01	9.13	10.11	11.12	12.13	8.41
Water Level Elevation	154.10	NA	NA	---	149.95	150.76	150.79	151.07	150.62	150.45	147.81	150.17	150.7	150.66	150.75	149.68	147.84	150.95

UPPER INTERBEDDED

SUMMARY OF HISTORICAL GROUND WATER QUALITY DATA
WELL B-2U

LANDFILL PERIMETER WELL
SCREENED INTERVAL - 2.6 - 62 FEET BGS

Well B-2U
[2.6 - 62 feet BGS]

constituent (ppb)	ICL	Jun-85	Aug-85	Oct-86	Nov-89	Nov-93	Dec-93	May-94	Oct-94	May-95	Dec-95	Jun-96	Dec-96	May-97	Dec-97	May-98	Nov-98	May-99	Dec-99	Mar-00	Aug-00	Dec-00	Jul-01	Nov-01	May-02	Dec-02	May-03	Nov-03	May-04	Dec-04	Jun-05	Jun-06	Nov-06	Jun-07	Oct-07	Jun-08	Nov-08	May-09	Nov-09	May-10	Nov-10	May-11
benzene	5	14.5	9.8	18.4	<5	12	5(J)	<2.5	0.9(J)	<1	<1	<1	<1	<1	<2	<1	<1	<1	1	<5	<1	<1	0.6(J)	3	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	0.8(J)	0.3(J)	<1	<1	<1	<1	<1
ethylbenzene	---	6.7	<5	6.8	<5	3	<7.1	<2.5	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	1	<5	<1	<1	<1	0.5(J)	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
toluene	1,000	43	16.8	39.6	10	4	<7.1	6	<1	0.9(J)	3	<1	<1	76(B)	<2	<1	<1	<1	1	12	<1	6	1	<1	<1	0.4(J)	<1	9(J)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
xylene	---	11.1	ND	6.3	<5	5	<7.1	2 (J)	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	16	6	1	<1	5	0.6(J)	<1	<1	1(J)	<10	<1	2(J)	<3	<3	<3	<3	<3	5	0.7(J)	<3	0.6(J)	<3	<3	<3
PCE	5	<5	6	ND	<5	<1	<7.1	6	<1	<1	<1	<1	<1	<1	<2	0.8(J)	<1	<1	11	5	<1	<1	0.9(J)	0.8(J)	<1	<1	3	<10	<1	<1	<1	<1	<1	<1	<1	0.6(J)	<1	<1	<1	<1	<1	<1
TCE	5	<5	8.7	ND	<5	<1	<7.1	<2.5	0.4(J)	<1	<1	<1	<1	<1	1(J)	<1	2(B)	2	8	8	<1	1(B)	1	<1	12	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	0.7(J)	<1	<1	<1	3	<1	<1
1,2-DCE	70	58.8	48.8	8.5	33	1	180	61	14	20	4	<1	1	<1	282	4	23	100	4,018	670(D)	300	270	560	29	2	310	34	730	7.5	130	2	0.6(J)	6	141	23	732	182	25	48	30	4	2
vinyl chloride	2	---	---	---	40	<1	<7.1	9	<1	2	2	<1	<1	<1	13	<1	9	6	170	87	39	4	130	4	<1	13	1	44	<1	26	0.7(J)	<1	2	14	8	85	23	2	22	3	2	<1
acetone	700	<5	<5	416.3	25	<5	<35	<13	<5	<5	<5	<5	<5	<5	6(J)	6(B)	4(J)	<5	<5	<5	<5	<5	<5	<5	<5	11	<5	<10	<1	<5	<5	<5	<5	3(J)	<5	2(J)	<5	4(J)	<5	4(J)	2(J)	<5
tetrahydrofuran	154	<5	ND	16.3	---	4 (J)	36	<13	1(R)	<5	<5	<5	<5	<5	3(J)	<5	<5	<5	23	8	7	4(J)	11	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	7	2(J)	<5	3(J)	<5	<5	<5
2-butanone	200	23	ND	122.9	<20	<5	20(J)	<13	5(R)	<5	57	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	16	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
4-methyl 2-pentanone	350	19.2	11.5	96.9	28	<5	36	<13	<5	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	8	<5	<5	<5	33	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
methylene chloride	5	ND	ND	ND	<5	2(J)	37(B)	<6	7	3(B)	<1	0.9(JB)	0.5(JB)	6(B)	56(B)	7(B)	1(B)	4(B)	1(B)	7	0.5(J)	29(B)	<1	<1	<1	130	<1	20	<1	1	<2	<2	<5	<5	<5	5(JB)	<5	1(JB)	<5	<5	<5	<5
1,1,1-TCA	---	<5	<5	ND	<5	<1	6(J)	2(J)	<1	<1	<1	<1	<1	<1	9	<1	<1	1	24	6	1	3	1	<1	<1	<1	<1	8(J)	<1	<1	<1	<1	<1	<1	<1	8	<1	<1	<1	<1	<1	<1
1,1-DCA	---	16.5	13.4	<5	15	<1	21	4	2	1(J)	1	<1	<1	<1	23	<1	4	4	120	41	19	16	31	2	0.7(J)	19	3	48	<1	8	<1	<1	0.7(J)	7	4	42	14	1	9	2	0.4(J)	<1
1,1-DCE	7	55.7	ND	ND	<5	<1	<7.1	<2.5	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	3	<5	<1	<1	0.5(J)	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	0.9(J)	<1	<1	<1	<1	<1	<1
1,2-DCA	5	ND	ND	ND	<5	<1	<7.1	<2.5	<1	0.6(J)	<1	<1	<1	<1	<2	<1	<1	0.6(J)	0.7(J)	<5	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromomethane	---	---	---	---	<10	<1	<7.1	<2.5	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	0.8(J)	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloromethane	---	---	---	---	<10	<1	<7.1	<2.5	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	0.6(J)	0.7(JB)	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroform	---	---	---	---	<5	<1	<7.1	<2.5	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
dibromochloromethane	---	---	---	---	<5	<1	<7.1	<2.5	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromoform	---	---	---	---	<5	<1	<7.1	<2.5	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
carbon disulfide	---	---	---	---	<10	<1	<7.1	<2.5	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
styrene	---	---	---	---	<5	<1	<7.1	<2.5	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroethane	14,000	---	---	---	<10	<1	<7.1	<2.5	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	2	<5	<1	<1	1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	2	<1	<1	<1	<1	<1	<1
chlorobenzene	---	ND	ND	ND	<5	4	<7.1	<2.5	0.2(J)	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<5	<1	<1	<1	2	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	0.3(J)	<1	<1	<1	<1	<1	<1
1,2-dichloropropane	---	ND	ND	ND	<5	<1	<7.1	<2.5	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-trichloroethane	---	ND	ND	ND	<5	<1	<7.1	<2.5	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	---	ND	ND	ND	<5	<1	<7.1	<2.5	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	---	ND	ND	ND	<5	<1	<7.1	<2.5	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	---	---	---	---	<5	<1	<7.1	<2.5	<1	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-hexanone	---	---	---	---	<5	<5	<35	<13	<5	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	2(J)	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
arsenic (dissolved)	10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	76.8	57	63	60	19.2	20.3	20.6	27.1(E)	14.9	22.4	17	21.8	28.6	26.3	40.3	29.5	28.6	21.1	37.5	29.2	42.6	25.7
arsenic (total)	---	---	240	90.0	100	142	130	75.2	83	75	98.9	61	90.7	54	98.2	65.4	113	61.7	96.1	---	75.9	62	81.7	59.3	27.1	110	35.2	248	21.3	24.1	20	23.1	33.2	27.1	41.4	30.4	29.4	21.3	38.2	31	44.2	28.4
calcium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
iron (dissolved)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	14,200	9,000	13,800	18,300	3,260	4,300	4,160	2,830	2,430	6,580	2,840	12,900	9,760	6,890	11,500	7,650	9,000	6,710	28,600	16,900	15,200	3,920
iron (total)	---	---	---	---	---	51,300	---	46,300	18,000	20,800	30,900	11,700	16,100	9,350	19,200	12,900	14,600	10,200	23,900	---	13,900	9,800	15,900	18,100	3,870	10,900	5,890	13,000	2,690	6,560	3,160	13,100	9,990	7,060	11,700	7,670	9,080	7,210	27,200	17,300	15,000	4,040
magnesium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
manganese (dissolved)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	285	158	200	1,270	146(E)	203	199	128	128	111	57	239	166	101	183	120	174	73	259	131	314	79.9
manganese (total)	---	---	---	---	---	1,420	---	696	502	276	737	141	275	130	296	169	225	145	400	---	297	164	207	1,250	142(E)	212	203	135	130	107	58	242	170	95.4	182	118	177	76.3	243	133	313	80.8
potassium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
sodium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
pH (SU)	---	7.80	---	---	---	---	---	---	---	---	6.83	6.32	7.31	6.38	6.29	6.46	6.02	6.32	5.82	---	5.82	6.14	5.86	5.82	5.92	6.05	4.26	5.85	5.77	5.89	6.02	5.58	5.96	5.96	5.28	5.84	5.79	5.89	6.07	6.16	6.28	6.09
SC (mS/cm)	---	0.348	---	---	---	---	---	---	---	---	0.334	0.193	0.418	0.218	0.525	0.258	0.361	0.241	0.403	---	0.348	0.200	0.373	0.533	0.340	0.523	0.880	0.521	0.348	0.068	0.253	0.361	0.454	0.224	0.457	0.229	0.180	0.219	0.277	0.275	0.482	0.259
Turb (NTU)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	13	3.60	9.05	6.05	1.80	4.20	1.60	1.10	3.10	0.70	1.23	1.13	1.14	1	1.05	0.42	0.02	0.29	4.4	1.65
DO (mg/l)	---	---	---	---	---	---	---	---	---	---	1.83	0.91	0.90	0.13	0.01	0.32	0.41	0.03	0	---	0.19	0.20	0.34	---	0.57	0.77	0	0.44	0.28	0.29	0.36	1.34	0.46	0.30	0.89	0.26	0.29	0.61	0.36	0.39	0.35	0.32
Eh (mv)	---	---	---	---	---	---	---	---	---	---	-249	-68	-92	10	-27.1	-2	34	19	-40	---	48.3	27	17.8	19.5	74.3	-80.1	338	73.3	97.1	173.1	86.4	79.1	16.8	39.3	-101.8	59.1	41.7	28.4	-49	-31.4	4.4	0.6
Temp (°C)	---	12	---	---	---	---	---	---	---	---	9.4	10	9.7	8.3	9.4	8	12	9	10	---	13	9	13	12	9	9.6	9.9	13	8.6	6.5	10.7	13.7	12.02	12.60	14.71	11.44	10.54	8.47	12.82	9.49	12.56	8.99
Water Level Elevation	147.04	---	---	---	---	140.09	143.58	143.91	142.22	143.64	140.05	142.29	144.31	143.79	143.06	143.27	142.09	143.24	143.53	142.94	141.52	143.51	143.89	139.53	143.69	142.80	144.35	143.94	144.26	143.81	143.94	144.53	144.76	143.44	142.09	143.61	144.24	144.17	143.33	---	---	143.79

SUMMARY OF HISTORICAL GROUND WATER QUALITY DATA
WELL B-9U

DOWNGRADIENT WELL
SCREENED INTERVAL - 3.4 - 32.4 FEET BGS

Well B-9U
[3.4 - 32.4 feet BGS]

constituent (ppb)	ICL	Nov-86	Nov-93	May-94	Oct-94	May-95	Dec-95	Jun-96	Dec-96	May-97	Dec-97	May-98	Nov-98	May-99	Dec-99	Aug-00	Dec-00	Jul-01	Nov-01	May-02	Dec-02	Jun-03	Nov-03	May-04	Dec-04	Jun-05	Jun-06	Oct-06	Jun-07	Oct-07	Jun-08	Nov-08	May-09	Nov-09	May-10	Nov-10	May-11
benzene	5	ND	**2**	<1	**2**	<1	<1	<1	<1	<1	**2**	<1	**3**	<1	<1	**0.7(J)**	<1	<1	**5**	<1	**1**	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**0.6(J)**	<1
ethylbenzene	---	ND	<1	<1	**0.9(J)**	<1	<1	<1	<1	**0.6(J)**	**0.7(J)**	<1	**2**	<1	<1	<1	<1	<1	**1**	<1	**0.2(JB)**	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
toluene	1,000	**6.2**	<1	<1	**0.2(J)**	<1	<1	<1	<1	**0.9(JB)**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
xylene	---	ND	**0.6(J)**	<1	**1**	<1	<3	<1	<1	**0.7(J)**	<1	<1	**0.6(J)**	<1	<1	<1	<1	<1	**0.5(J)**	<1	**0.2(JB)**	<1	<10	<1	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
PCE	5	ND	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
TCE	5	ND	<1	<1	<1	<1	<1	<1	<1	<1	**0.8(J)**	<1	**2(B)**	<1	<1	**0.7(J)**	<1	<1	**3**	<1	**1**	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**0.9(J)**	<1
1,2-DCE	70	ND	**3**	<1	**2**	<1	<1	<1	<1	<1	**0.8(J)**	<1	**1**	<1	<1	**0.5(J)**	<1	<1	**3**	<1	**1**	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**2**	<1
vinyl chloride	2	---	**2**	<1	**2**	<1	<1	<1	<1	<1	**1(J)**	<1	**2**	<1	<1	<1	<1	<1	[redacted]	<1	**1**	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**2**	<1
acetone	700	<5	**9(J)**	**6(R)**	**5(R)**	**6**	**15(B)**	**9**	<5	<5	<5	**3(JB)**	<5	<5	<5	<5	<5	<5	4(J)	<5	<5	<5	<10	<1	<5	<5	<5	**4(J)**	<5	<5	<5	<5	<5	<5	<5	<5	<5
tetrahydrofuran	154	**7.1**	**28**	**5(R)**	**22(J)**	<5	<5	<5	<5	<5	**3(J)**	<5	**8**	<5	<5	<5	<5	<5	**6**	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
2-butanone	200	**5.5**	**1(J)**	**5(R)**	**5(R)**	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
4-methyl 2-pentanone	350	**5**	<5	**5(J)**	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
methylene chloride	5	---	**1(J)**	<1	<1	**0.5(JB)**	<1	**2(B)**	<1	**4(B)**	**8(B)**	**8(B)**	**1(B)**	**1(B)**	**1(B)**	**1**	<1	<1	**1**	**2(B)**	<1	<1	<10	<1	<1	<2	<5	<5	<5	<5	<5	<5	**0.8(JB)**	<5	<5	<5	<5	<5
1,1,1-TCA	---	ND	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCA	---	ND	**0.5(J)**	<1	**0.4(J)**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCE	7	ND		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCA	5	ND	**0.7(J)**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**0.9(J)**	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromomethane	---	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloromethane	---	---	<1	<1	<1	<1	<1	**3**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	**0.3(J)**	<1	<1	<1	<1	<1
chloroform	---	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
dibromochloromethane	---	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromoform	---	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
carbon disulfide	---	---	<1	**1(J)**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
styrene	---	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroethane	14,000	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chlorobenzene	---	ND	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-dichloropropane	---	ND	**0.6(J)**	<1	**0.4(J)**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-trichloroethane	---	ND	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	---	ND	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	---	ND	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	---	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-hexanone	---	---	<5	**5(R)**	**5(R)**	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
arsenic (dissolved)	10	30	---	---	---	---	---	---	---	---	---	---	---	---	---	<2	<2.5	<2.5	<2.53	<2.08	<2	<1.8	4.5(B)	<1.3	<3	<2.81	<3.45	<3.09	<0.83	<0.83	<1.7	<0.98	<1.50	<2.4	<1.86	<1.86	<1.43
arsenic (total)	---	---	<2.4	<2.6	2.6	<2.7	<1.3	<1	<2.1	<3	<2.54	2.2(B)	2.6(B)	<2.1	<2.2	<2	<2.5	3.7(B)	<2.5	<2.1	<2	<1.8	<1.3	<1.3	<3	<2.81	<3.45	<3.09	<0.83	<0.83	<1.7	<0.98	<1.50	<2.4	<1.86	<1.86	<1.43
calcium	---	---	20,800	2,150(B)	10,900	2,160(B)	2,450(B)	1,980(B)	1,960	2,320	6,500	2,810	9,390	2,300(B)	2,190(B)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
iron (dissolved)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1,010	12.4(B)	19.5(B)	2,160	<17.90	673	<9.31	10.7(B)	<9.40	12.6(B)	28.2(B)	<25.80	<17.30	13.0(B)	<5.20	6.1(B)	14.2(B)	<3.70	15.7(B)	<6.27	22.2(J)	13.3(J)
iron (total)	---	---	2,780	381	8,490	34.6(B)	201	660	30(B)	50(B)	4,020	49(B)	9,260	273	524	954	3,210	1,820	2,510	74.3(B)	766	512	124	21(B)	19.6(B)	<21.40	31.6(B)	<17.30	49.3(B)	45.5(B)	12.8(B)	15.0(B)	53.9(B)	68.1(B)	<6.27	31.6(J)	9.3(J)
magnesium	---	---	6,650	762(B)	3,480	672	734(B)	743(B)	575	717	2,080(B)	620	2,980	619(B)	697(B)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
manganese (dissolved)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	35	13.4	13.2	1,160	9.6	450	8.9	10.6(B)	6.4(B)	9	6.6	7.9	15.8	8.4	22.9	12.7	11.1	7.2	16.9	10	106	7
manganese (total)	---	---	752	15.8	233	12(B)	16.3	20.2	13.3	15.4	105	18.1	149	15.9	19.8	33.4	47.6	32.5	1,160	9.6	449	12.9	13.2(B)	6.4(B)	9.2	6.2	8.5	15.9	9.1	24.1	11.9	11.0	7.5	17.0	9.8	109	6.6
potassium	---	---	1,700(B)	<595	1,190	<336	<2,340	564(B)	850	<500	710(B)	635(B)	451(B)	449.54(B)	585(B)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
sodium	---	---	23,800	2,710(B)	23,100	2,580(B)	3,700(B)	3,640(B)	2,420	2,460	17,000	2,420	32,000	2,730(B)	3,200(B)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
pH (SU)	---	6.5	5.09	4.45	5.5	4.8	5.3	4.62	5.16	4.93	5.45	5.02	5.35	4.65	6.29	5	5.64	5.01	5.64	5.10	5.55	5.09	5.37	4.53	5.26	4.91	4.41	5.1	4.5	4.4	5.18	5.08	4.37	4.84	5.05	5.10	4.8
SC (mS/cm)	---	0.12	0.318	0.036	0.214	0.039	0.022	0.04	0.054	0.038	0.173	0.039	0.262	0.011	1.54	0.111	0.042	0.04	0.466	0.038	0.182	0.03	0.035	0.037	0.039	0.034	0.032	0.039	0.033	0.068	0.039	0.037	0.029	0.037	0.033	0.093	0.043
Turb (NTU)	---	---	1.50	19	6	4	24	18	22	17	2	0	0	0	410	1	30	45	4.10	20.9	2.11	0	4.1	3.9	1.39	0.82	0.78	1.05	0.11	5.93	0.1	0.99	2.26	120	0.28	0.08	0.07
DO (mg/l)	---	---	5.8	8.4	2.92	7.16	5.57	5.43	6.83	4.11	3.74	7.94	3.58	4.58	0	7.28	4.18	7.08	2.2	9.99	3.91	5.53	5.88	6.98	7.88	4.27	4.04	1.9	2.69	0.52	4.55	1.98	3.1	2.33	3.74	3.47	7.59
Eh (mv)	---	---	243	143	136	---	-42	257	209	290	177	341	166	224	-83	90.3	156	171	119	217	-52.3	164	190	249	209	153	447.7	228.7	263.2	42.3	135.2	230.8	392.8	259.7	185.9	167.9	89.5
Temp (°C)	---	10	8.4	5.6	9.4	6.6	8.2	8.7	8.1	59	7.3	5.5	10	7.6	11	9.2	9.3	9	9	70	8.7	9.2	11	7.5	6.9	8.1	11.97	12.34	8.73	11.27	9.05	11.69	7.89	11.27	8.48	10.31	7.06
Water Level Elevation	143.84	---	127.40	133.47	126.78	131.44	131.96	129.16	134.29	134.64	126.93	133.85	127.75	131.67	129.67	129.02	129.13	133.08	125.57	130.11	125.96	129.65	127.13	130.73	133.34	134.99	135.79	132.86	136.04	129.45	134.39	135.22	137.11	134.39	134.30	130.28	137.85

SUMMARY OF HISTORICAL GROUND WATER QUALITY DATA
WELL EP-1I

DOWNGRADIENT WELL
SCREENED INTERVAL - 26 - 36 FEET BGS

Well EP-1I
[26 - 36 feet BGS]

constituent (ppb)	ICL	Nov-93	May-94	Oct-94	May-95	Dec-95	Jun-96	Dec-96	May-97	Dec-97	May-98	Nov-98	May-99	Dec-99	Aug-00	Dec-00	Jul-01	Nov-01	May-02	Dec-02	May-03	Nov-03	May-04	Dec-04	Jun-05	Jun-06	Oct-06	Jun-07	Nov-07	Jun-08	Nov-08	May-09	Nov-09	May-10	Nov-10	May-11
benzene	5	11	14	18	15	23	23	31	28	34	38	30	34	38	50	42	44	41	43	51	66	55	47	54	50	42	44	46	31	41	34	40	37	39	23	39
ethylbenzene	---	<5	<4	5	5(J)	6	9	9	9	10	12	10	14	19	26	24	24	25	28	34(B)	48	38	27	36	28	18	15	14	5	13	9	12	10	9	2	7
toluene	1,000	<5	5	6	5(J)	7	5	4	3	2	3	2	2	2	2	2	2	2	2	3	3	3(J)	<1	2	1	0.7(J)	0.6(J)	0.6(J)	<1	0.5(J)	<1	0.4(J)	0.4(J)	0.4(J)	<1	0.4(J)
xylene	---	<5	<3.1	6	7	3(J)	11	5	4	4	4	4(B)	3	4	4	5	6	8	10	21	28	24	19	10	8	3	2(J)	0.8(J)	<3	1(J)	0.3(J)	0.3(J)	0.3(J)	<3	<3	<3
PCE	5	11	26	334	48	78	40	46	49	68	43(B)	27	21	14	14	8	9	10	5	5	8	5(J)	5	5	6	6	6	7	9	7	6	7	7	4	4	4
TCE	5	7	28	27	32	38	27	33	26	28	23	12	12	8	7	5	5	8	4	4	5	4(J)	3	3	3	3	3	3	<1	3	4	4	4	4	3	3
1,2-DCE	70	22	93	140	140	160	95	84	70	56.6(J)	54.7(J)	29	26	25	26	21	17	17	13	14	17	13	10	12	12.6(J)	12.6	16.7	17.7	25.8(J)	23	24	23	25	21	23.5	19
vinyl chloride	2	20	79	140	88	110	35	56	57	37	44	25	22	27	21	17	17	13	16	16	<1	<10	10	13	13	10	15	12	14	13	12	7	10	9	10	11
acetone	700	<25	11(J)	3(J)	<31	<28	74	3(J)	4(J)	4(J)	5	3(JB)	3(J)	<5	<5	3(J)	3(J)	7(B)	<5	<5	20	<10	<1	7	4(J)	<5	4(J)	8	3(J)	6	5	8	6	18	6	3(J)
tetrahydrofuran	154	68	94	180(J)	170	200	79	140	110(B)	99	<5	120	140	170	190	130	170	200	180	220	260	180	150	140	110(B)	58	200	200	150	140	130	110	120	96	110	120
2-butanone	200	<25	<16	5(R)	<31	<28	<25	<5	<5	<5	4(J)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	2(J)	2(J)	<5	<5
4-methyl 2-pentanone	350	<25	<16	<8	<31	10(J)	<25	3(J)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
methylene chloride	5	16(J)	<5	2	8(B)	4(J)	14(B)	2	4(B)	5(B)	4(B)	3(B)	2(B)	4(B)	4	3(B)	3(B)	2	8(B)	3	3(B)	3(J)	2	3	<2	<5	<5	1(J)	<5	0.9(J)	0.8(J)	0.6(J)	<5	<5	<5	<5
1,1,1-TCA	---	<5	<3.1	<1	<6.3	<6	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCA	---	<5	<3.1	2	<6.3	<6	<5	2	1	1	2	<1	2	2	2	2	2	2	2	2	2	2(J)	2	2	2	2	2	2	3	2	2	2	2	2	2	2
1,1-DCE	7	<5	2(J)	2	<6.3	3(J)	4(J)	0.9(J)	2	2	2	0.5(J)	0.9(J)	0.8(J)	0.9(J)	0.5(J)	<1	0.5(J)	<1	0.5(J)	0.3(J)	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCA	5	<5	<3.1	<1	<6.3	<6	<5	3	<1	2	3	2	3	2	2	2	2	3	3	2	3	<10	<1	3	2	2	3	3	3	3	3	2	2	2	2	2
bromomethane	---	<5	<3.1	1	<6.3	<6	<5	<1	<1	<1	<1	<1	<1	<1	0.5(J)	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloromethane	---	<5	<3.1	<1	<6.3	<6	<5	<1	<1	<1	<1	<1	<1	3	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroform	---	<5	<3.1	<1	<6.3	<6	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
dibromochloromethane	---	<5	<3.1	<1	<6.3	<6	<5	0.5(J)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromoform	---	<5	<3.1	<1	<6.3	<6	7	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
carbon disulfide	---	<5	<3.1	<1	<6.3	<6	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.2(J)	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
styrene	---	<5	<3.1	<1	<6.3	<6	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroethane	14,000	<5	<3.1	1(J)	<6.3	<6	<5	2	1	1	2	2	1	<1	2	2	2	2	2	3	2	<10	1	2	2	1	<1	<1	<1	<1	<1	<1	<1	0.8(J)	<1	0.7(J)
chlorobenzene	---	<5	<3.1	0.5(J)	<6.3	<6	<5	0.9(J)	1	1	1	1	1	1	2	2	2	2	2	3	4	<10	5	5	6	8	8	9	10	12	13	14	16	16	11	17
1,2-dichloropropane	---	<5	<3.1	1(J)	<6.3	<6	<5	2	2	2	2	2	2	2	2	2	2	2	2	2	<1	2(J)	<1	<1	1	1(J)	<1	1	1	<1	<1	0.9(J)	1	<1	<1	<1
1,1,2-trichloroethane	---	<5	<3.1	<1	<6.3	<6	3(J)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	---	<5	<3.1	<1	<6.3	<6	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	---	<5	<3.1	<1	<6.3	<6	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	---	<5	<3.1	<1	<6.3	<6	14	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-hexanone	---	<25	<16	5(R)	<31	<28	<25	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	23	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
arsenic (dissolved)	10	---	---	---	---	---	---	---	---	---	---	---	---	---	<8	5(B)	4.4(B)	4.1(B)	4.7(B)	<2	5(B)	4.5(B)	4.8(B)	4.2(B)	5.2(B)	6.3(B)	6(B)	5.6(B)	7.3(B)	7(B)	7.0(B)	8.4	7.5(B)	7.2(J)	9.9	11.7
arsenic (total)	---	4.3(B)	5.2(B)	<7.1	5.7(B)	7.2(B)	5.3(B)	5(B)	5	4.7(B)	5.3(B)	3.8(B)	4.7(B)	4(B)	<8	4.7(B)	5.4(B)	4(B)	5.8(B)	3.5(B)	4.4(B)	5.1(B)	5.3(B)	6.9(B)	7.2(B)	6.2(B)	4.4(B)	5.5(B)	7(B)	7(B)	6.2(B)	7.3(B)	7.1(B)	6.8(J)	9.8	9.6
calcium	---	76,200	92,400	83,100	104,000	87,400	102,000	109,000	112,000	114,000	120,000	108,000	106,000	112,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
iron (dissolved)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	71,700	72,100	78,000	71,000	81,400	71,300	62,100	62,400	55,400	66,100	58,000	51,900	42,900	45,400	33,400	42,000	35,900	39,400	39,900	41,000	29,300	37,500
iron (total)	---	67,800	74,900	70,300	84,900	66,800	77,300	77,400	77,100	70,600	78,000	77,800	75,200	78,000	70,500	74,100	80,700	69,900	77,000	72,300	60,200	59,900	53,100	66,900	58,500	51,600	43,100	45,500	31,600	41,300	35,100	39,600	39,600	40,600	29,300	37,800
manganesium	---	906	1,180	1,120	1,390	1,140	1,380	1,430	1,480	1,700	1,800	1,520	1,630	1,710	1,680	1,930	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
manganese (dissolved)	---	21,200	24,600	23,100	28,300	23,600	28,300	30,600	31,100	32,100	33,300	30,000	29,100	31,400	---	---	1,830	1,900	1,970	2,330	2,090	2,010	2,060	2,020	2,110	2,010	1,870	1,970	1,820	2,110	2,000	2,060	1,970	1,850	1,760	1,640
manganese (total)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1,750	1,880	1,860	1,950	2,000	2,230	2,070	1,980	1,970	2,030	2,080	1,990	1,920	1,990	1,710	2,090	1,950	2,090	1,990	1,870	1,770	1,660
potassium	---	6,230	7,210	6,380	8,180	7,610	11,100	8,570	8,800	9,070	9,200	8,660	9,320	9,280	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
sodium	---	129,000	158,000	151,000	191,000	156,000	18,900	195,000	206,000	206,000	204,000	187,000	210,000	192,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
pH (SU)	---	6.15	6.32	---	6.01	6.72	5.75	6.63	6.16	6.12	6.13	6.03	6.03	6.15	5.80	6.09	6.10	6.02	6.12	6.09	5.89	6.18	6	6.45	5.93	5.61	5.65	5.76	5.94	5.87	5.96	5.96	5.87	5.46	6.08	6.07
SC (mS/cm)	---	1.27	1.68	---	2.06	1.56	1.81	2.02	1.82	2.01	1.94	1.89	1.76	2.07	1.13	1.16	1.91	1.91	1.99	1.81	1.76	1.65	1.98	1.93	1.90	1.541	1.544	1.570	1.929	1.422	1.526	1.531	1.386	1.296	1.277	1.305
Turb (NTU)	---	2.30	8	---	11	4	8	18	0	0	-1	0	2	74	8	5.50	9	1.38	1.72	5.23	1.50	9.40	6.40	1.84	1.02	2.98	0.07	0.45	---	0.50	1.02	1.72	0.31	1	2.5	0.41
DO (mg/l)	---	0.25	0.54	---	0.18	3.10	0.48	0.65	0.25	0.14	0.35	0.37	0.30	0	0.20	0.71	0.65	7.13	1.39	11.6	7.08	0.46	0.59	2.01	0.85	5.34	0.98	1.13	0.51	1.18	0.36	0.63	0.56	NM	1.44	1.83
Eh (mv)	---	46.6	-26.1	---	-63	-204	-34	-27	-20	-25.8	-21	6	-18	-48	32.6	-23.1	-36	-51.3	-28	-165	22.5	-19.9	35.6	-63.4	-5.7	34.7	-20.9	104.3	-87.1	-8	-3.1	-14.3	59.9	1.2	-10.5	2.6
Temp (°C)	---	9.1	9.5	---	9.3	7.7	11	8.3	8.4	6.7	7.9	8.7	9.3	8.7	11	7.5	10	90	10	8.6	10	9.3	9.7	8.3	10.7	11.22	10.62	11.98	9.84	11.31	9.54	11.05	10.73	9.85	9.86	10.17
Water Level Elevation	145.98	142.39	142.92	141.13	142.56	142.98	141.52	143.23	143.03	141.99	142.80	141.57	142.33	142.38	141.05	142.21	142.94	139.51	142.28	141.96	143.60	142.57	143.08	143.02	142.78	141.46	143.03	142.90	138.84	142.97	142.90	143.07	143.05	142.55	142.05	143.68

SUMMARY OF HISTORICAL GROUND WATER QUALITY DATA
GMP WELL EP-2S

DOWNGRADIENT WELL
SCREENED INTERVAL - 16 - 26 FEET BGS

GMP Well EP-2S
[16 - 26 feet BGS]

constituent (ppb)	ICL	AGQS	Nov-93	May-94	Oct-94	May-95	Dec-95	Jun-96	Dec-96	May-97	Dec-97	May-98	Nov-98	May-99	Dec-99	Aug-00	Dec-00	Jul-01	Nov-01	May-02	Dec-02	May-03	Nov-03	May-04	Dec-04	May-05	Oct-05	Jun-06	Oct-06	Jun-07	Nov-07	Jun-08	Nov-08	May-09	Nov-09	May-10	Nov-10	May-11
benzene	5	5	22	23	25	15	21	22	21	22	29	17	9	10	10	9	10	10	8	14	6	9	8(J)	8.1	10	10	7	7	5	4	4	3	<1	2	3	2	2	2
ethylbenzene	---	700	87	53	120	72	100	82	92	81	150	79	29	50	52	29	39	32	27	42	19(B)	18	12	11	12(B)	7	6	2	2	0.8(J)	0.5(J)	0.4(J)	1	<1	0.5(J)	<1	0.2(J)	<1
toluene	1,000	1,000	<5	<6.3	0.4(J)	<4.2	<5	<5	<1	1(B)	3	0.6(J)	<1	<1	<1	<1	<1	<1	<1	<1	0.4(J)	0.3(J)	<10	<1	0.3(JB)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
xylene	---	10,000	38	41	40	63	73	33	33	16	48	22	2	8	9	9	9	14	7	37	8	9	7(J)	9.9	20	4	<3	<3	<3	<3	<3	2(J)	2(J)	<3	0.9(J)	<3	<3	<3
PCE	5	5	<5	<6.3	<1	<4.2	<5	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
TCE	5	5	<5	<6.3	<1	<4.2	<5	<5	<1	<1	3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCE	70	70	<5	<6.3	<1	<4.2	<5	<5	<1	<1	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
vinyl chloride	2	2	<5	5(J)	7	4(J)	7	3(J)	4	3	9	3	1	1	3	1	2	1	1	2	1	2	<10	1	1	1(J)	0.7 (J)	<1	0.6(J)	<1	<1	0.3(J)	<1	<1	0.4(J)	<1	<1	<1
acetone	700	6,000	<25	<31	5(R)	14(J)	20(J)	<25	3(J)	<5	6	4(JB)	<5	<5	<5	<5	<5	3(J)	<5	27(B)	<5	<5	<10	<1	<5	<5	<5	<5	<5	4(J)	<5	<5	<5	2(J)	<5	7	<5	<5
tetrahydrofuran	154	154	19(J)	<31	20(J)	<21	12(J)	<25	5(J)	<5	13	<5	3(J)	4(J)	3(J)	<5	<5	<5	4(J)	12	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
2-butanone	200	---	<25	<31	5(R)	<21	<25	<25	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
4-methyl 2-pentanone	350	---	<25	<31	<5	<21	<25	<25	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
methylene chloride	5	5	13(J)	9(B)	1(J)	5(B)	<5	4(JB)	0.8(JB)	5(B)	6(B)	0.8(JB)	<1	0.9(JB)	1(B)	<1	<1	<1	<1	<1	<1	0.9(JB)	<10	<1	<1	<2	<2	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,1,1-TCA	---	200	<5	<6.3	<1	<4.2	<5	<5	<1	<1	2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	1	<1	<1	<1	<1	<1
1,1-DCA	---	81	<5	<6.3	<1	<4.2	<5	<5	<1	<1	4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.7(J)	<1	<1	<1	<1	<1
1,1-DCE	7	7	<5	<6.3	<1	<4.2	<5	<5	<1	<1	4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCA	5	5	<5	<6.3	<1	<4.2	<5	<5	2	<1	4	<1	<1	0.7(J)	<1	0.6(J)	<1	0.5(J)	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromomethane	---	10	<5	<6.3	<1	<4.2	<5	<5	<1	<1	0.8(J)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloromethane	---	30	<5	<6.3	<1	<4.2	<5	<5	<1	1	<1	<1	<1	<1	0.7(J)	<1	<1	0.8(J)	0.7(J)	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroform	---	70	<5	<6.3	<1	<4.2	<5	<5	<1	<1	3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
dibromochloromethane	---	60	<5	<6.3	<1	<4.2	<5	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromoform	---	4	<5	<6.3	<1	<4.2	<5	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
carbon disulfide	---	70	<5	<6.3	<1	<4.2	<5	<5	<1	<1	2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
styrene	---	100	<5	<6.3	<1	<4.2	<5	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroethane	14,000	---	<5	<6.3	<1	<4.2	<5	<5	<1	<1	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chlorobenzene	---	100	<5	4(J)	8	7	13	11	13	12	24	15	10	15	23	18	22	19	18	21	24	23	29	20	26(B)	22	20	15	18	13	12	11	<1	13	18	14	17	14
1,2-dichloropropane	---	5	<5	<6.3	0.5(J)	<4.2	<5	<5	<1	<1	4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-trichloroethane	---	5	<5	<6.3	<1	<4.2	<5	<5	<1	<1	2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	---	---	<5	<6.3	<1	<4.2	<5	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	---	---	<5	<6.3	<1	<4.2	<5	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	---	2	<5	<6.3	<1	<4.2	<5	<5	<1	<1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-hexanone	---	---	<25	<31	5(R)	<21	<25	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
GMP constituents																																						
cis-1,2-DCE	70	70	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
trans-1,2-DCE	---	100	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
dichlorodifluoromethane	---	1,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<2	<2	<2	<2	<2
isopropylbenzene	---	800	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	3	<1	2	1
n-propylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	0.8(J)	1	0.6(J)	0.5(J)
1,3,5-trimethylbenzene	---	330	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
tert-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,2,4-trichlorobenzene	---	70	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
sec-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	0.4(J)	<1	0.3(J)	0.3(J)
1,3-dichlorobenzene	---	600	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
p-isopropyltoluene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,4-dichlorobenzene	---	75	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4	5	4	5	4
1,2-dichlorobenzene	---	600	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.4(J)	0.6(J)	0.3(J)	0.5(J)	0.5(J)
n-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	0.2(J)	<1	0.2(J)	<1
1,2,4-trimethylbenzene	---	330	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.3(J)	0.6(J)	<1	0.2(J)	<1
naphthalene	---	20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.6(J)	0.3(J)	<1	2	3
methyl tert-butyl ether	---	13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
diethyl ether	---	1,400	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.8(J)	0.8(J)	0.7(J)	0.7(J)	0.4(J)
ethyl tertiary-butyl ether	---	40	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
di-isopropyl ether	---	120	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
tertiary-butyl alcohol	---	40	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<5	<5	<5	<5	<5
1,4-dioxane	---	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<2	<2	<2	<2	2.3
arsenic (dissolved)	10	10	---	---	---	---	---	---	---	---	---	---	---	---	---	310	321	320	327	320	282	308	258(E)	315	358	321	326	330	323	313	354	346	339	324	380	346	384	339
arsenic (total)	---	---	453	431	354	469	392	372	378	330	304	299	345	345	363	332	320	309	327	322	298	292	278	295	348	321	325	316	324	314	363	336	348	318	376	352	393	337
calcium	---	---	122,000	123,000	134,000	149,000	138,000	118,000	135,000	113,000	128,000	128,000	124,000	110,000	138,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
iron (dissolved)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45,700	48,100	51,800	51,200	47,400	44,000	47,200	35,400	45,800	46,200	49,500	49,600	54,500	48,300	39,800	43,900	36,800	34,900	31,900	38,000	34,700	34,800	26,400
iron (total)	---	---	39,300	42,400	47,100	53,300	43,300	45,500	52,400	49,000	46,800	41,700	50,000	41,700	51,000	49,800	48,000	50,100	51,800	47,900	46,700	45,800	38,500	44,300	45,000	50,200	50,100	50,700	48,600	40,400	43,900	35,900	35,800	31,700	37,200	35,200	35,500	26,400
magnesium	---	---	30,800	29,300	30,000	33,800	29,600	23,900	25,900	21,600	23,000	22,300	21,200	19,100	24,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
manganese (dissolved)	---	840	---	---	---	---	---	---	---	---	---	---	---	---	---	6,730	7,720	7,580	6,540	6,420	5,230	4,940	3,950	4,510	4,600	3,790	3,430	3,380	3,220	2,550	2,870	2,610	2,830	2,460	2,710	2,490	2,530	1,850
manganese (total)	---	---	7,930	6,930	7,480	8,450	7,540	6,460	7,550	6,730	6,800	7,330	6,890	6,610	8,600	6,950	7,690	7,270	6,460	6,450	5,450	4,780	4,280	4,300	4,610	3,850	3,440	3,140	3,250	2,560	2,850	2,540	2,890	2,440	2,640	2,510	2,590	1,850
potassium	---	35,000	8,370	9,820	8,140	9,840	9,620	9,440	10,100	10,700	12,600	12,200	17,300	13,700	17,600	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
sodium	---	---	66,200	56,800	54,300	52,900	47,500	45,200	41,300	42,700	36,400	37,300	35,200	28,700	28,200	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
pH (SU)	---	---	6.46	6.70	6.36	6.34	7.07	6.29	7.34	6.45	6.45	6.47	6.58	6.23	6.31	6	6.31	6.26	6.22	6.31	6.23	6.22	6.37	6.23	6.25	6.24	6.29	6.18	6.23	6.29	6.3	6.32	6.22	6.32	6.27	6.22	6.03	6.25
SC (mS/cm)	---	---	1.09	1.24	1.28	1.45	1.20	1.10	1.20	0.96	1.23	1.04	1.01	0.93	1.08	0.572	0.62	1.98	1.03	0.82	1.33	0.90	1.001	1.02	0.98	0.90	0.927	0.597	0.770	0.752	1.031	0.442	0.712	0.634	0.743	0.632	0.596	0.591
Turb (NTU)	---	---	5	7	2	2	12	10	1	6	2	0	0	0	603	7.10	6.20	8.30	1.90	68.9	1.76	0.47	0	2.40	1.28	2.90	1.61	2.34	2.07	3.89	1.25	0.88	2.58	0.59	4.18	0.82	1.74	0
DO (mg/l)	---	---	0.25	2.08	0.43	0.51	3.98	0.95	0.95	0.11	0.11	0.64	0.20	1.95	1.57	0.20	0.79	0.65	5.57	0.50	1.85	2.02	2.07	1.09	0.90	0.99	0.66	0.36	0.51	0.22	0.52	0.14	0.27	0.51	0.31	0.77	0.40	0.28
Eh (mv)	---	---	96.5	-79.1	-90	---	-257	-69	-77	-71	-73.2	-60	-50	-58	-101	-33.6	-72.4	-70.8	-80	-68.4	-125	-62.8	-63.7	-48.7	-95.3	-66.4	-98.9	-56.3	-105.2	-83.2	-202.1	-68.4	-77.0	-89.1	-84.1	-97.1	-103.6	-69.9
Temp (^{0}C)	---	---	9.9	8.4	8.8	9.1	8.4	8.7	8.1	7.6	8	7.7	9	8.8	9.1	10	8.8	9.2	9.5	9.4	9.1	8.4	9.2	8.2	9	8.3	9.67	10.93	9.98	9.13	9.80	14.42	9.45	8.78	9.19	10.35	11.21	8.49
Water Level Elevation	145.86	NA	136.78	139.52	136.06	138.35	138.76	137.21	140.15	139.80	136.11	136.36	136.36	138.26	137.31	137.05	137.08	138.76	134.57	137.56	135.55	138.73	137.46	139.82	138.54	140.81	139.41	141.06	138.16	139.19	136.07	138.82	138.81	139.81	138.35	138.71	136.09	140.59

SUMMARY OF HISTORICAL GROUND WATER QUALITY DATA
GMP WELL EP-2D

DOWNGRADIENT WELL
SCREENED INTERVAL - 26 - 36 FEET BGS

GMP Well EP-2D
[26 - 36 feet BGS]

constituent (ppb)	ICL	AGQS	Nov-93	May-94	Oct-94	May-95	Dec-95	Jun-96	Dec-96	May-97	Dec-97	May-98	Nov-98	May-99	Dec-99	Aug-00	Dec-00	Jul-01	Nov-01	May-02	Dec-02	May-03	Nov-03	May-04	Dec-04	May-05	Oct-05	Jun-06	Oct-06	Jun-07	Nov-07	Jun-08	Nov-08	May-09	Nov-09	May-10	Nov-10	May-11
benzene	5	5	81	58	80	58	45	75	68	70	100	75	54	58	58	56	56	56	51	56	55	58	62	50	58	52	51	39	41	33	6	25	3	18	14	13	15	14
ethylbenzene	---	700	140	41	130	120	54	100	110	122	170	130	85	85	88	88	86	68	75	73	71(B)	72	70	59	69(B)	56	56	39	39	31	3	24	0.2(J)	12	13	9	11	12
toluene	1,000	1,000	16	8	11	6	3	6	5	5(B)	7	6	4	5	5	4	4	4	4	4	4	4	5	3.6	4(B)	3	3	2	2	1	<1	1(J)	<1	0.5(J)	0.4(J)	0.4(J)	0.4(J)	0.4(J)
xylene	---	10,000	280	120	180	110	9	56	34	38	170	46	33	54	83	84	92	97	90	100	100	100	100	80	96	75	68	34	40	20	2(J)	12	2(J)	2(J)	2(J)	<3	2(J)	2(J)
PCE	5	5	<8.3	<4.2	<1	<5	<2	<4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
TCE	5	5	<8.3	<4.2	<1	<5	<2	<4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCE	70	70	<8.3	<4.2	0.2(J)	<5	<2	<4	<1	<1	1	0.6(J)	<1	<1	<1	<1	<1	<1	0.6(J)	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
vinyl chloride	2	2	23	15	30	17	15	15	17	21	33	22	13	15	19	16	14	10	12	15	13	19	<10	9.4	12	11	9	8	8	6	0.9(J)	4	<1	3	2	3	3	2
acetone	700	6,000	<42	20(J)	8(R)	<25	<12	35	17	<5	30	38(B)	26	22	20	20	22(B)	20	55(B)	53(B)	44	35	32	24	28	11	9	8	9	7	10	6	<5	5(J)	4(J)	10	4(J)	3(J)
tetrahydrofuran	154	154	50	27	37(J)	<25	14	6(J)	16	<5	39	<5	8	9	<5	7	6	9	10	17	<5	<5	<10	<1	11	5	6(B)	4(J)	6	4(J)	2(J)	3(J)	<5	<5	3(J)	<5	<5	<5
2-butanone	200	---	<42	<21	5(R)	<25	<12	<18	<5	<5	<5	3(J)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
4-methyl 2-pentanone	350	---	<42	<21	<5	<25	<12	<18	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
methylene chloride	5	5	22(J)	6(B)	<1	5(JB)	1(J)	3(JB)	0.7(JB)	5(B)	4(B)	1(B)	1(B)	1(B)	2(B)	0.8(JB)	<1	<1	<1	<1	<1	0.7(JB)	<10	<1	<1	<2	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,1,1-TCA	---	200	<8.3	<4.2	<1	<5	<2	<4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCA	---	81	<8.3	<4.2	1(J)	<5	<2	<4	<1	0.9(J)	1	0.9(J)	<1	0.7(J)	0.9(J)	0.7(J)	0.8(J)	<1	0.7(J)	0.7(J)	0.7(J)	0.8(J)	<10	<1	<1	0.7(J)	0.6(J)	<1	0.4(J)	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCE	7	7	<8.3	<4.2	<1	<5	<2	<4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCA	5	5	<8.3	<4.2	<1	4(J)	<2	<4	5	<1	5	3	2	3	2	2	2	2	2	<1	2	<1	<10	<1	2	1	1	0.9(J)	0.8(J)	0.7(J)	<1	<1	<1	0.3(J)	0.2(J)	<1	<1	<1
bromomethane	---	10	<8.3	<4.2	<1	<5	<2	<4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloromethane	---	30	<8.3	<4.2	<1	<5	<2	<4	<1	<1	<1	<1	<1	<1	0.6(J)	<1	<1	0.8(J)	<1	0.5(J)	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroform	---	70	<8.3	<4.2	<1	<5	<2	<4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
dibromochloromethane	---	60	<8.3	<4.2	<1	<5	<2	<4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromoform	---	4	<8.3	<4.2	<1	<5	<2	<4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
carbon disulfide	---	70	<8.3	<4.2	<1	<5	<2	<4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
styrene	---	100	<8.3	<4.2	<1	<5	<2	<4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroethane	14,000	---	<8.3	<4.2	<1	<5	<2	<4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chlorobenzene	---	100	9	6	10	9	5	12	11	14	23	22	17	19	24	23	24	24	23	24	25	24	26	19	26(B)	24	25	25	25	26	6	26	12	24	27	26	26	25
1,2-dichloropropane	---	5	<8.3	3(J)	3	<5	2	<4	2	2	3	2	2	2	2	2	2	2	2	2	<1	<1	<10	<1	2	2	2	1	1	<1	<1	<1	<1	<1	0.4(J)	<1	<1	<1
1,1,2-trichloroethane	---	5	<8.3	<4.2	<1	<5	<2	<4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	---	---	<8.3	<4.2	<1	<5	<2	<4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	---	---	<8.3	<4.2	<1	<5	<2	<4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	---	2	<8.3	<4.2	<1	<5	<2	<4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-hexanone	---	---	<42	<21	5(R)	<25	<12	<18	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
GMP constituents																																						
cis-1,2-DCE	70	70	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
trans-1,2-DCE	---	100	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
dichlorodifluoromethane	---	1,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<2	<2	<2	<2	<2
isopropylbenzene	---	800	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	15	15	5	14	14
n-propylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	3	2	3	4
1,3,5-trimethylbenzene	---	330	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1(J)	<1	0.4(J)	0.2(J)
tert-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,2,4-trichlorobenzene	---	70	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
sec-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.4(J)	0.5(J)	<1	0.5(J)	0.6(J)
1,3-dichlorobenzene	---	600	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
p-isopropyltoluene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	0.3(J)	<1	<1	<1
1,4-dichlorobenzene	---	75	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	8	8	8	8	8
1,2-dichlorobenzene	---	600	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.8(J)	1(J)	0.6(J)	0.7(J)	0.8(J)
n-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.3(J)	0.3(J)	<1	0.3(J)	0.4(J)
1,2,4-trimethylbenzene	---	330	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1(J)	<1	1	0.7(J)
naphthalene	---	20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	2	3	4	4
methyl tert-butyl ether	---	13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
diethyl ether	---	1,400	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	1	0.9(J)	1	0.9(J)
ethyl tertiary-butyl ether	---	40	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
di-isopropyl ether	---	120	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
tertiary-butyl alcohol	---	40	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<5	4(J)	<5	<5	<5
1,4-dioxane	---	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.3(J)	<2	1(J)	<2	<2
arsenic (dissolved)	10	10	---	---	---	---	---	---	---	---	---	---	---	---	---	591	656	669	639	634	638	706	611(E)	679	781	634	681	577	628	620	7.8(B)	677	658	414	673	632	713	708
arsenic (total)	---	---	665	626	557	666	575	535	636	557	554	560	570	616	689	620	628	677	654	654	679	725	644	668	747	650	705	626	647	616	11	686	678	554	666	614	703	744
calcium	---	---	129,000	144,000	127,000	140,000	122,000	126,000	138,000	140,000	120,000	151,000	134,000	121,000	132,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
iron (dissolved)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	60,000	66,400	67,100	64,000	59,500	60,800	64,600	53,900	54,600	63,700	54,400	60,000	55,300	55,600	55,400	70.1(B)	55,100	50,500	34,000	52,200	56,200	49,000	48,500
iron (total)	---	---	71,500	63,500	63,400	69,800	57,200	64,300	71,000	67,700	68,400	67,200	70,800	62,300	73,500	64,500	62,700	68,100	65,500	61,200	65,300	65,400	56,300	55,900	61,800	56,400	62,200	60,600	56,800	55,400	350	55,200	54,300	46,600	51,300	53,900	49,400	50,300
magnesium	---	---	33,400	32,800	32,500	35,800	30,800	32,500	34,700	34,400	31,800	36,800	33,500	30,100	34,700	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
manganese (dissolved)	---	840	---	---	---	---	---	---	---	---	---	---	---	---	---	3,050	3,350	3,440	3,380	2,870	3,050	3,250	2,710	2,660	2,790	2,490	2,560	2,540	2,450	2,720	1.7(B)	2,530	2,240	1,780	2,240	2,530	2,010	1,780
manganese (total)	---	---	3,880	3,880	3,940	4,130	3,580	3,910	4,120	4,050	3,720	4,470	3,970	3,500	3,810	3,190	3,200	3,480	3,420	2,920	3,280	3,240	2,790	2,670	2,710	2,480	2,650	2,730	2,490	2,700	11.2	2,520	2,540	2,120	2,180	2,450	1,980	1,810
potassium	---	35,000	6,720	6,560	5,990	6,470	6,580	7,630	6,860	5,900	6,230	6,110	5,960	5,950	6,290	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
sodium	---	---	153,000	137,000	127,000	135,000	112,000	114,000	117,000	114,000	107,000	103,000	96,500	94,300	94,400	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
pH (SU)	---	---	6.41	6.66	6.39	6.36	7.16	6.28	7.44	6.45	6.50	6.51	6.67	6.26	6.37	6	6.38	6.36	6.25	6.43	6.04	6.37	6.46	6.26	6.77	6.33	6.37	6.11	6.35	6.32	9.62	6.20	6.35	6.43	6.28	6.24	6.18	6.34
SC (mS/cm)	---	---	1.50	1.62	1.60	1.74	1.30	1.36	1.43	1.40	1.46	1.41	1.29	1.14	1.29	0.732	0.721	2.25	1.16	0.887	1.43	1.05	1.15	1.17	1.21	1.05	1.08	0.896	1.014	1.011	1.146	0.939	0.941	0.918	1.356	0.936	0.693	0.601
Turb (NTU)	---	---	15	9	1	25	61	-10	12	0	1	0	2	2	240	14	18	7.30	5	27.4	3.94	2.99	0	2.80	0.88	12	2.02	4.47	5.21	7.16	3.58	1.62	4.61	5.41	5.94	0.68	5.65	5.19
DO (mg/l)	---	---	0.25	1.20	0.45	0.87	6.64	0.58	2.85	1.98	0.40	1.38	0.17	0.32	0	0.20	0.47	0.60	5.70	0.61	0.95	1.29	1.57	0.76	0.78	1.50	0.78	2.11	4.17	0.40	2.18	1.53	0.33	0.55	0.35	0.62	0.98	0.64
Eh (mv)	---	---	-82.5	-63.4	-86	---	-249	-61	-61	-52	8.25	-65	-51	-62	-117	-28.5	-79.1	-68.5	-69.1	-62.3	-150	-63.4	-66.5	-33.8	-83	-55.4	-86.7	-46.3	-77.9	-82.9	-162.1	-56.9	-95.1	-97.8	-99.0	-91.7	-87.3	-70.6
Temp (°C)	---	---	11	8.6	0.4	9.4	7.9	9.5	8	8.2	7.8	8.5	8.30	9.4	8.5	10	8.8	9.7	8.7	11	8.5	9.6	8.4	9.3	88.4	8.9	9.36	12.66	9.04	9.83	10.07	13.86	8.99	10.31	8.71	12.11	10.45	9.21
Water Level Elevation	146.00	NA	131.94	134.50	131.91	133.71	133.97	133.18	134.92	133.88	132.21	134.58	132.50	133.88	133.05	133.11	132.99	144.03	131.10	133.05	131.75	134.88	133.15	134.75	133.82	133.60	134.39	136.53	133.79	134.77	132.32	134.34	134.25	135.08	133.78	134.45	132.42	135.84

SUMMARY OF HISTORICAL GROUND WATER QUALITY DATA
GMP WELL MW-103U

LANDFILL PERIMETER WELL
SCREENED INTERVAL - 41.5 - 46.5 FEET BGS

GMP Well MW-103U
[41.5 - 46.5 feet BGS]

constituent (ppb)	ICL	AGQS	Nov-89	Oct-93	Dec-93	May-94	Oct-94	May-95	Dec-95	Jun-96	Dec-96	May-97	Dec-97	May-98	Nov-98	May-99	Dec-99	Aug-00	Dec-00	Jul-01	Nov-01	May-02	Dec-02	May-03	Nov-03	May-04*	Dec-04	Jun-05	Jun-06	Oct-06	Jun-07	Oct-07	Jun-08	Nov-08	May-09	Nov-09	May-10	Nov-10	May-11
benzene	5	5	<5	10	10	11	12	12	13	16	18	19	20	18	19	24	25	30	30	30	39	34	36	33	41	33	40	38	40	43	43	40	49	49	50	41	46	46	46
ethylbenzene	---	700	<5	6	6	7	6	7	6	8	9	10	12	11	8	14	15	21	19	17	26	17	20(B)	19	23	17	25	19	18	22	19	21	25	30	28	26	25	26	23
toluene	1,000	1,000	54	3	3	1(J)	<1	2(J)	2	2	2	1	2	1	1	1	1	1(B)	2	1	1	2	4	1	2(J)	1.2	1	1	0.8(J)	2	1	2	3	1	1	1	1	2	2
xylene	---	10,000	<5	13	12	8	11	14	18	21	23	20	27	24	22	31	37	52	55	49	67(B)	48	56	48	60	36.7	52	38	34	50	48	57	53	64	47	50	40	53	46
PCE	5	5	<5	<1	<1.8	<1.6	<1	<2.5	<1	<1	<1	<1	0.5(J)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
TCE	5	5	<5	<1	<1.8	<1.6	0.5(J)	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	0.2(J)	<1	<1	<1	<1	<1	<1	<1	<1	0.3(J)	0.4(J)	<1
1,2-DCE	70	70	<5	4	5	4	3	<2.5	2	1	1	1	0.9(J)	0.8(J)	0.5(J)	0.6(J)	0.8(J)	0.7(J)	0.6(J)	1	0.8(J)	0.8(J)	<1	0.6(J)	<10	<1	0.6(J)	0.7(J)	0.5(J)	0.6(J)	<1	0.6(J)	0.6(J)	0.6(J)	0.6(J)	0.6(J)	0.5(J)	0.8(J)	0.6(J)
vinyl chloride	2	2	<10	4	4	4	5	2(J)	2	1	2	2	2	2	2	1	2	1	1	1	1	2	2	<1	<10	1.1	1	2	1	2	1	2	3	2	2	2	1	3	1
acetone	700	6,000	<20	8	8(J)	<8	3	<13	<5	<5	<5	<5	3(J)	3(J)	4(J)	<5	<5	<5	<5	3(JB)	<5	3(J)	<5	<5	<10	<1	5	<5	<5	<5	<5	<5	3(J)	<5	<5	<5	3(J)	<5	<5
tetrahydrofuran	154	154	---	39(J)	43	39(J)	72(J)	57	52	38	46	50	43	<5	20	31	28	46	35	30	40	33	40	31	<10	33	29	25	27	34	30	28	26	25	37	31	28	27	32
2-butanone	200	---	<20	<5	<9	<8	5(R)	<13	<5	<5	<5	<5	3(J)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
4-methyl 2-pentanone	350	---	130	3(J)	<9	<8	<5	<13	3(J)	3(J)	2(J)	<5	2(J)	3(J)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	1.3	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	1(J)	<5
methylene chloride	5	5	TR(5)	3(J)	7(J)	1.6(JB)	<1	4(B)	1	1(B)	1(J)	4(B)	1(J)	6(B)	3(B)	2(B)	1(B)	1(B)	<1	<1	0.8(JB)	<1	<1	0.4(JB)	<10	<1	<1	<2	<5	<5	<5	<5	0.4(JB)	0.4(JB)	0.8(J)	<5	<5	2(JB)	<5
1,1,1-TCA	---	200	<5	<1	<1.8	<1.6	<1	<2.5	0.8(J)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCA	---	81	<5	<1	1(J)	0.9(J)	1(J)	<2.5	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2(J)	1.3	1	1	1	1	1	1	1	1	1	1(J)	1	1
1,1-DCE	7	7	---	<1	<1	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCA	5	5	<5	1	<1.8	<1.6	<1	<2.5	<1	<1	1	<1	0.8(J)	0.5(J)	<1	1	0.8(J)	0.8(J)	0.9(J)	0.8(J)	<1	0.8(J)	<1	0.6(J)	<10	<1	0.6(J)	0.6(J)	0.6(J)	0.6(J)	0.6(J)	<1	0.6(J)	0.5(J)	0.6(J)	0.4(J)	0.4(J)	0.4(J)	<1
bromomethane	---	10	---	<1	<1	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.6(J)	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloromethane	---	30	---	<1	<1	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.9(J)	0.9(J)	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroform	---	70	---	<1	<1	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
dibromochloromethane	---	60	---	<1	<1	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromoform	---	4	---	<1	<1	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
carbon disulfide	---	70	<10	<1	<1	0.7(J)	1(J)	<2.5	<1	<1	<1	<1	<1	<1	<1	0.7(J)	<1	<1	<1	<1	<1	0.7(J)	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
styrene	---	100	---	<1	<1	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroethane	14,000	---	---	<1	<1.8	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chlorobenzene	---	100	---	<1	<1.8	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.9(J)	<1	<1	0.5(J)	<10	<1	0.8(JB)	0.6(J)	2	2	3	4	4	5	5	4	4	5	4
1,2-dichloropropane	---	5	<5	<1	2(J)	2	2	2(J)	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	<10	<1	2	2	2	2	2	2	2	2	3	2	<1	2	2
1,1,2-trichloroethane	---	5	---	<1	<1	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	---	---	---	<1	<1	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	---	---	---	<1	<1	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	---	2	---	<5	<5	<1	<1	<2.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-hexanone	---	---	---	<5	<5	<5	<5	<13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
GMP constituents																																							
cis-1,2-DCE	70	70	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.6(J)	0.6(J)	0.5(J)	0.8(J)	0.6(J)
trans-1,2-DCE	---	100	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
dichlorodifluoromethane	---	1,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	1(J)	2(J)	<2	1(J)
isopropylbenzene	---	800	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	50	48	44	47	46
n-propylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	3	2	3	3
1,3,5-trimethylbenzene	---	330	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4	4	4	5	4
tert-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,2,4-trichlorobenzene	---	70	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
sec-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,3-dichlorobenzene	---	600	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
p-isopropyltoluene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,4-dichlorobenzene	---	75	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	3	2	3	<1
1,2-dichlorobenzene	---	600	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.3(J)	0.3(J)	0.3(J)	0.3(J)	0.3(J)
n-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.3(J)	<1	<1	<1	<1
1,2,4-trimethylbenzene	---	330	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	13	15	13	18	15
naphthalene	---	20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	5	2	0.3(J)	5	4
methyl tert-butyl ether	---	13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
diethyl ether	---	1,400	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	10	9	7	12	8
ethyl tertiary-butyl ether	---	40	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
di-isopropyl ether	---	120	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.4(J)	0.4(J)	0.3(J)	0.3(J)	0.3(J)
tertiary-butyl alcohol	---	40	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<5	12	6	8	<5
1,4-dioxane	---	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	7.5(J)	9.9	8.7	<20	11
arsenic (dissolved)	10	10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	50	42.2	47.9	53.7	43.2	42.2	51.4	45.6(E)	48.3	51.2	54.4	69.5	70.8	101	116	96.9	94.6	99.9	94.2	91.6	99	86.3
arsenic (total)	---	---	---	46.8	46.8	40.9	46.8	45.6	44.1	44.4	49.5	48	43.9	41.6	41	49.8	42.3	47.2	41.7	46.8	52.7	43.6	43.2	51.1	41.8	53.4	48.9	52.6	70.2	70.3	101	114	96.7	97.8	99.7	99.7	91.7	99.6	89.8
calcium	---	---	---	65,200	65,200	69,600	62,600	69,700	67,700	66,500	78,400	81,000	68,700	69,400	75,600	73,200	76,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
iron (dissolved)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	49,700	47,700	45,200	51,600	44,900	46,900	47,100	38,900	44,300	47,800	46,900	48,600	47,100	54,100	58,300	51,500	48,700	47,100	47,000	47,300	52,500	45,500
iron (total)	---	---	---	52,400	52,400	45,800	43,800	49,300	45,600	45,900	50,800	50,000	46,600	43,300	46,800	46,600	46,700	48,800	46,800	45,900	48,800	44,800	48,400	47,400	40,700	43,300	45,700	44,200	48,400	47,700	54,800	58,000	51,500	49,100	46,500	50,000	48,100	52,000	46,700
magnesium	---	---	---	21,700	21,700	20,800	19,500	21,100	21,000	19,900	24,000	25,500	22,400	23,100	24,100	23,600	24,700	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
manganese (dissolved)	---	840	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4,020	4,000	4,130	4,340	3,640(E)	3,900	3,990	3,320	3,850	4,000	4,010	4,120	3,440	3,480	3,460	3,460	3,220	3,180	3,180	3,370	3,130	3,060
manganese (total)	---	---	---	3,030	3,030	2,990	2,880	2,940	3,000	3,090	3,640	3,870	3,490	3,700	3,940	3,830	3,920	3,980	3,940	4,120	4,330	3,610(E)	3,990	4,020	3,420	3,740	3,890	3,670	4,110	3,460	3,510	3,440	3,450	3,260	3,140	3,350	3,380	3,100	3,100
potassium	---	35,000	---	7,490	7,490	6,180	5,150	5,800	6,020	5,580	6,060	6,600	5,830	5,410	5,810	5,840	6,040	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
sodium	---	---	---	50,200	50,200	49,000	46,100	50,900	50,800	45,600	51,100	51,800	50,200	48,600	49,500	49,400	50,900	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
pH (SU)	---	---	4.90	6.66	6.66	6.56	6.36	6.42	7.05	6.34	7.32	6.57	6.59	6.61	6.70	6.33	6.31	6.57	6.65	6.43	6.39	6.54	6.39	4.03	6.44	6.39	6.83	6.42	6.16	6.05	6.31	6.18	---	6.34	6.38	6.28	6.32	6.36	6.28
SC (mS/cm)	---	---	550	0.718	0.718	0.960	0.970	1.130	0.539	0.950	1.02	0.905	0.990	0.940	0.930	0.934	0.940	1.08	0.990	1.89	1.26	0.090	1.24	0.925	1.03	1.07	1.13	1.08	1.073	0.895	1.052	0.779	---	0.972	0.928	0.855	0.965	0.897	1.035
Turb (NTU)	---	---	---	26	26	9	1	31	0	9	0	0	6	2	0	---	25	-10	0	7.96	0	---	5.91	4.50	0	0.90	2.20	4.53	4.24	2.10	3.76	1.09	---	20.7	0.87	0.13	0.16	0.00	1.52
DO (mg/l)	---	---	---	0.40	0.40	0.19	1.47	0.27	3.83	0.27	0.65	0.12	0.04	0.47	0.07	0	0	3.50	0.02	0.51	0.87	0.95	0.65	1.02	1.29	0.67	0.50	0.79	0.25	0.56	0.35	0.22	---	0.20	0.51	0.39	0.53	0.44	0.30
Eh (mv)	---	---	---	-108	-108	-80.4	-148	-161	-308	-92	-89	-60	114	-85	-47	-75	-118	15	-47	-74.1	-203	-66.5	-150	-40.9	-73.6	-30.5	-83.2	-82.0	-52.4	-78.9	-69.4	-396.4	---	-68.4	-29.1	-55.8	-88.5	-81.9	-70.6
Temp (°C)	---	---	13	12	12	4.5	10	10	9.2	11	9.6	9.7	9.4	10	10	10	9.8	11	9.5	11	10	9.1	10.04	10.60	9.99	10.85	9.50	9.79	11.53	11.36	11.08	11.92	---	11.66	9.43	12.06	10.14	10.73	9.95
Water Level Elevation	146.46	NA	---	141.56	141.56	142.68	140.98	142.06	142.74	141.16	143.06	142.66	144.06	142.16	140.88	141.23	141.69	141.38	141.59	142.53	139.35	141.92	141.09	142.92	142.13	143.11	142.66	142.19	143.90	142.46	139.96	138.35	139.68	139.85	140.20	139.75	139.59	138.45	141.04

* May 2004 VOC data for MW-103U determined to be labeled as OW-4A in laboratory analytical report.

SUMMARY OF HISTORICAL GROUND WATER QUALITY DATA
WELL MW-104U

DOWNGRADIENT WELL
SCREENED INTERVAL - 31 - 36 FEET BGS

Well MW-104U
[31 - 36 feet BGS]

constituent (ppb)	ICL	Nov-89	Nov-93	May-94	Oct-94	May-95	Dec-95	Jun-96	Dec-96	Jun-97	Dec-97	May-98	Nov-98	May-99	Dec-99	Aug-00	Dec-00	Jul-01	Nov-01	May-02	Dec-02	May-03	Nov-03	May-04	Dec-04	Jun-05	Jun-06	Oct-06	Jun-07	Nov-07	Jun-08	Nov-08	May-09	Nov-09	May-10	Nov-10	May-11*
benzene	5	<5	45	43	45	31	42	48	40	48	44	41	43	42	44	50	39	48	44(B)	38	35	35	37	23	35	19	43	38	2	2	28	40	35	27	2	31	1
ethylbenzene	---	7	71	76	74	60	79	76	66	69	73	68	58	60	65	72	51	58	57	37	33(B)	33	34	28	41(B)	1	44	41	<1	<1	29	40	37	24	<1	17	<1
toluene	1,000	<5	10	9	<10	6(J)	7	6	7	7	6	6	5	5	5	5	4	4	4(B)	5	7	10	11	8.6	6(B)	0.7(J)	8	6	<1	<1	2	4	4	2	<1	3	<1
xylene	---	58	280	290	300	240	260	250	270	300	280	330	260(B)	280	350	400	300	340	380	310	320	310	280	258	340	220	310	290	<3	<3	240	280	250	220	<3	240	<3
PCE	5	<5	<8.3	<6	<10	<6.3	<4	<6	<1	2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
TCE	5	<5	<8.3	<6	<10	<6.3	<4	<6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCE	70	<5	<8.3	<6	<10	<6.3	<4	<6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
vinyl chloride	2	<10	22	17	<10	11	16	8	9	12	10	9	10	8	10	9	7	5	5	4	3	2	<10	<2	2	1	3	3	<1	<1	2	2	1	1	<1	<1	<1
acetone	700	<20	43(J)	34(R)	50(R)	<31	<18	<31	6(B)	<5	11	11	10(B)	6	9(B)	6	<5	3(J)	3(J)	18(B)	<5	19(B)	<10	<2	<5	<5	5(J)	4(J)	3(J)	<5	<5	<5	<5	<5	<5	<5	<5
tetrahydrofuran	154	---	28(J)	31(R)	10(R)	<31	<18	6(J)	21	16(B)	16	<5	18	17	13	14	15	14	14	21	<5	5(J)	<10	<2	9	<5	10	9	<5	<5	5	7	6	4(J)	<5	5(J)	<5
2-butanone	200	<20	<42	31(R)	50(R)	<31	<18	<31	1(JB)	<5	3(J)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<2	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
4-methyl 2-pentanone	350	<5	<42	31(J)	<50	<31	<18	<31	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<2	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
methylene chloride	5	<5	11(J)	<29	<10	14(B)	<4	5(JB)	0.5(JB)	2(B)	<1	3(B)	1(B)	1(B)	<1	0.7(J)	<1	<1	<1	<1	<1	<1	<10	<2	<1	<2	<5	<5	<5	<5	<5	<5	0.8(JB)	<5	<5	<5	<5
1,1,1-TCA	---	---	<8.3	<6	<10	<6.3	<4	<6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCA	---	<5	<8.3	<6	<10	<6.3	<4	<6	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2(J)	<2	1	<1	1	1	<1	<1	<1	0.8(J)	0.4(J)	<1	<1	<1	<1
1,1-DCE	7	---	<8.3	<6	<10	<6.3	<4	<6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCA	5	<5	<8.3	<6	<10	<6.3	<4	<6	1	<1	1	1	0.9(J)	1	1	1	1	1	1	<1	<1	<1	<10	<2	0.4(J)	<1	0.6(J)	0.6(J)	<1	<1	<1	<1	0.3(J)	<1	<1	<1	<1
bromomethane	---	---	<8.3	<6	<10	<6.3	<4	<6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloromethane	---	---	<8.3	<6	<10	<6.3	<4	<6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.7(J)	<1	0.4(J)	<1	<10	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.6(J)	<1
chloroform	---	---	<8.3	<6	<10	<6.3	<4	<6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
dibromochloromethane	---	---	<8.3	<6	<10	<6.3	<4	<6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromoform	---	---	<8.3	<6	<10	<6.3	<4	<6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
carbon disulfide	---	---	<8.3	<6	<10	<6.3	<4	<6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
styrene	---	---	<8.3	<6	<10	<6.3	<4	<6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroethane	14,000	<10	<8.3	<6	<10	<6.3	<4	<6	<1	<1	1	<1	0.8(J)	<1	<1	<1	<1	0.7(J)	0.6(J)	<1	<1	<1	<10	<2	0.6(J)	<1	0.6(J)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chlorobenzene	---	<5	6(J)	7	7(J)	7	9	9	8	9	11	11	9	11	12	14	12	14	16	16	19	21	20	14	23(B)	20	18	19	3	5	18	16	18	19	5	23	3
1,2-dichloropropane	---	<5	<8.3	3(J)	3(J)	<6.3	3(J)	<6	3	3	3	3	3	3	3	2	3	3	3	3	<1	<1	<10	<2	<1	<1	2	<1	<1	<1	<1	<1	1	0.8(J)	<1	<1	<1
1,1,2-trichloroethane	---	---	<8.3	<6	<10	<6.3	<4	<6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	---	---	<8.3	<6	<10	<6.3	<4	<6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	---	---	<8.3	<6	<10	<6.3	<4	<6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	---	---	<8.3	<6	<10	<6.3	<4	<6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-hexanone	---	---	<42	<29	50(R)	<31	<18	<31	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	9	<5	<10	<2	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
arsenic (dissolved)	10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	615	594	620	580	531	552	575	540	604	638	543	647	590	<0.83	17.1	605	628	588	638	<1.86	625	249
arsenic (total)	---	87	635	682	791	714	642	562	675	592	596	554	593	622	608	603	598	647	608	537	552	565	513	563	658	540	618	591	0.87(B)	18.2	579	633	608	646	<1.86	625	16.8
calcium	---	---	110,000	121,000	105,000	119,000	104,000	100,000	108,000	101,000	102,000	100,000	97,100	92,800	94,900	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
iron (dissolved)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	86,900	90,000	87,800	84,700	80,400	85,200	85,800	71,700	75,700	79,600	78,900	89,600	75,500	121	14,900	64,800	67,400	63,500	66,200	838	64,000	34,200
iron (total)	---	---	73,800	79,200	72,700	87,900	76,500	81,000	89,800	83,800	90,800	88,600	88,400	88,500	91,500	85,100	91,000	89,900	90,000	81,000	85,200	85,900	68,500	74,100	79,800	77,800	85,500	76,400	1,110	15,400	62,500	68,000	64,600	67,900	2,660	63,800	10,800
magnesium	---	---	31,300	33,500	28,100	30,900	263,000	24,100	25,900	25,500	25,600	24,600	23,800	23,800	23,900	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
manganese (dissolved)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1,180	1,440	1,410	1,350	1,120	1,190	1,060	972	986	908	838	949	716	212	174	565	711	595	585	137	608	300
manganese (total)	---	---	2,870	3,450	2,810	3,500	3,100	2,470	2,860	2,550	2,330	2,150	1,860	1,590	1,560	1,150	1,450	1,450	1,440	1,130	1,160	1,060	914	954	932	814	906	720	234	168	542	718	603	594	136	603	146
potassium	---	---	19,300	22,000	19,300	22,800	21,400	23,700	21,400	19,900	21,400	20,100	19,300	19,800	20,200	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
sodium	---	---	54,500	57,500	49,500	57,100	50,800	49,700	51,200	50,100	48,600	49,700	49,700	52,500	49,300	---	---	---	---	---	---	40,400	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
pH (SU)	---	---	6.40	6.34	6.26	6.46	6.77	6.19	7.12	6.37	6.36	6.44	6.43	6.41	6.37	5.90	6.28	6.26	6.17	6.20	6.21	6.00	6.30	6.31	6.21	6.09	6.00	6.37	5.93	6.18	6.02	6.24	5.68	6.16	5.87	6.39	6.01
SC (mS/cm)	---	---	1.34	1.53	1.48	1.55	1.22	1.30	1.34	1.27	1.25	1.25	1.29	1.03	1.21	0.684	0.681	1.16	1.11	1.06	0.97	0.83	0.811	0.933	0.892	0.82	0.979	0.915	0.216	0.331	0.26	0.914	0.772	0.789	0.218	0.743	0.179
Turb (NTU)	---	---	4.85	8	3	2	12	-5	18	0	0	0	0	0	103	14	8.30	8.90	0	0.98	1.57	7	2.4	3.37	1.45	2.7	1.87	0.06	7.5	2.68	2.87	2.02	1.91	3.81	---	7.8	1.70
DO (mg/l)	---	---	0.20	0.04	0.22	0.06	2.56	0.12	0.42	0.14	0.01	0.64	0.16	0.32	0.00	0.20	0.35	0.67	0.85	0.7	7.78	11.8	0.45	0.43	0.38	1.21	0.18	0.19	0.28	0.32	0.23	0.22	1.83	0.39	0.23	0.46	0.32
Eh (mv)	---	---	-83	-74.9	-76	-60	-268	-63	-81	-48	69.7	-53 (?)	-33	-56	-80	-24.3	-74	-70.8	-70.9	-29.4	-156	-29.6	-57.7	-40.7	-66.5	-50.6	-49.2	-89.1	94.5	-100.3	-8.7	-84.3	-55.2	-75	126.4	-76.1	13.4
Temp (°C)	---	---	9.8	8.7	9.1	9	8.2	8.7	8.7	8	8.1	8	9.3	8.9	9.5	11	8	9.2	9.3	9.1	8.9	8.8	9.2	8.9	8.4	8.9	10.05	10.66	8.79	10.71	11.10	9.69	8.82	10.05	8.86	10.26	8.77
Water Level Elevation	145.30	---	141.48	142.61	139.41	142.08	142.70	141.00	143.01	142.70	144.15	142.39	140.80	141.79	141.75	141.39	141.52	142.49	138.39	141.58	140.45	142.75	142.11	142.80	142.57	142.40	143.33	142.50	142.50	140.66	142.42	142.32	142.70	142.48	141.98	140.81	143.42

*denotes that the labels for the samples analyzed for total and dissolved metals may have inadvertently been switched in the field.

SUMMARY OF HISTORICAL GROUND WATER QUALITY DATA
GMP WELL OW-4A

DOWNGRADIENT WELL
SCREENED INTERVAL - 34 - 36 FEET BGS

GMP Well OW-4A
[34 - 36 feet BGS]

constituent (ppb)	ICL	AGQS	Sep-81	Mar-82	May-85	Jul-85	Jul-85	Aug-85	Jan-86	Oct-86	Nov-89	Nov-93	May-94	Oct-94	May-95	Dec-95	Jun-96	Dec-96	Jun-97	Dec-97	May-98	Nov-98	May-99	Dec-99
benzene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
ethylbenzene	---	700	ND	ND	ND	<5	ND	ND	ND	ND	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
toluene	1,000	1,000	ND	ND	ND	<5	ND	ND	ND	ND	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
xylene	---	10,000	---	---	ND	ND	ND	ND	ND	ND	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
PCE	5	5	ND	ND	ND	ND	ND	ND	ND	ND	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
TCE	5	5	ND	ND	ND	ND	ND	ND	ND	ND	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	2(B)	<1	<1
1,2-DCE	70	70	ND	ND	ND	<5	ND	ND	ND	<5	33	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
vinyl chloride	2	2	ND	ND	---	---	---	---	---	---	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
acetone	700	6,000	---	---	ND	ND	ND	ND	ND	ND	<20	10(J)	3(R)	5(R)	16	<5	<5	<5	<5	8(B)	<5	<5	<5	<5
tetrahydrofuran	154	154	---	---	ND	ND	16.3	ND	ND	<5	---	<5	<5	1(R)	<5	<5	<5	<5	<5	3(J)	<5	<5	<5	<5
2-butanone	200	---	---	---	ND	ND	ND	ND	ND	ND	<20	<5	<5	5(R)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
4-methyl 2-pentanone	350	---	ND	---	ND	ND	ND	ND	ND	ND	<5	<5	5(J)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
methylene chloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	<5	<1	<1	<1	0.7(JB)	<1	0.8(JB)	0.9(JB)	3(B)	4(B)	6(B)	1(B)	0.8(JB)	<1
1,1,1-TCA	---	200	ND	ND	ND	ND	ND	ND	ND	ND	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCA	---	81	ND	ND	ND	ND	ND	ND	ND	<5	15	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCE	7	7	ND	ND	ND	ND	ND	ND	ND	ND	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCA	5	5	ND	ND	ND	<5	ND	ND	ND	ND	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromomethane	---	10	ND	ND	---	---	---	---	---	---	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloromethane	---	30	ND	ND	---	---	---	---	---	---	<10	<1	<1	<1	<1	<1	<1	<1	<1	0.6(J)	<1	<1	<1	<1
chloroform	---	70	ND	ND	---	---	---	---	---	---	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
dibromochloromethane	---	60	ND	ND	---	---	---	---	---	---	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromoform	---	4	ND	ND	---	---	---	---	---	---	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
carbon disulfide	---	70	---	---	---	---	---	---	---	---	<10	<1	1(J)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
styrene	---	100	---	---	---	---	---	---	---	---	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroethane	14,000	---	ND	ND	---	---	---	---	---	---	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chlorobenzene	---	100	ND	ND	ND	ND	ND	ND	ND	ND	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,-dichloropropane	---	5	ND	ND	ND	ND	ND	ND	ND	ND	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-trichloroethane	---	5	ND	ND	ND	ND	ND	ND	ND	ND	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	---	---	ND	ND	ND	ND	ND	ND	ND	ND	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	---	---	ND	ND	ND	ND	ND	ND	ND	ND	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	---	2	ND	ND	---	---	---	---	---	---	<5	<1	<1	<1	<1	<1	<1	<1	<1	2	<1	<1	<1	<1
2-hexanone	---	---	---	---	---	---	---	---	---	---	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
GMP constituents																								
cis-1,2-DCE	70	70	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
trans-1,2-DCE	---	100	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
dichlorodifluoromethane	---	1,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
isopropylbenzene	---	800	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
n-propylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,3,5-trimethylbenzene	---	330	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
tert-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,4-trichlorobenzene	---	70	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
sec-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,3-dichlorobenzene	---	600	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
p-isopropyltoluene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,4-dichlorobenzene	---	75	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2-dichlorobenzene	---	600	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
n-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,2,4-trimethylbenzene	---	330	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
naphthalene	---	20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
methyl tert-butyl ether	---	13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
diethyl ether	---	1,400	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
ethyl tertiary-butyl ether	---	40	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
di-isopropyl ether	---	120	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
tertiary-butyl alcohol	---	40	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1,4-dioxane	---	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
arsenic (dissolved)	10	10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
arsenic (total)	---	---	---	---	---	---	---	17	---	---	10	18.8	10.7	14.7	17.8	3.6	20.5	18.6	17	17.1	9.1	24.2	12.8	14.1
calcium	---	---	---	---	---	---	---	---	---	---	---	14,300	15,100	13,200	14,600	13,100	12,700	12,900	13,800	14,500	15,000	15,000	13,600	12,800
iron (dissolved)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
iron (total)	---	---	---	---	---	---	---	---	---	---	---	16,300	2,650	2,880	3,310	841	3,470	3,530	3,860	4,010	2,460	20,400	3,530	3,550
magnesium	---	---	---	---	---	---	---	---	---	---	---	5,830	3,640(B)	3,100	3,500(B)	3,200(B)	3,060(B)	3,140	3,490	3,300(B)	3,560	6,750	3,340(B)	3,110(B)
manganese (dissolved)	---	840	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
manganese (total)	---	---	---	---	---	---	---	---	---	---	---	364	269	216	225	124	227	251	242	238	299	469	275	351
potassium	---	35,000	---	---	---	---	---	---	---	---	---	5,590	<2,290	2,310	2,560(B)	2,830(B)	2,300(B)	2,630	2,300	2,380(B)	2,530	6,700	2,420(B)	2,800(B)
sodium	---	---	---	---	---	---	---	---	---	---	---	15,700	17,100	13,900	16,500	15,800	15,100	13,800	15,400	15,200	14,500	16,200	13,800	14,900
pH (SU)	---	---	---	---	6.50	9.40	---	6	6.70	---	5.60	7	7.25	7.24	7.05	7.63	6.88	8.50	7.22	6.95	6.99	6.87	7.01	7.07
SC (mS/cm)	---	---	---	0.490	0.090	0.070	---	0.090	0.130	---	0.100	0.159	0.169	0.160	0.174	0.104	0.172	0.261	0.182	0.215	0.177	0.183	0.166	0.109
Turb (NTU)	---	---	---	---	---	---	---	---	---	---	---	4.20	1	1	1	-10	---	0	-7	0	0	---	4	3
DO (mg/l)	---	---	---	---	---	---	---	---	---	---	---	1.70	0.78	1.90	2.05	4.07	1.52	1.12	1.77	0.43	1.76	0.40	0.72	2.85
Eh (mv)	---	---	---	---	---	---	---	---	---	---	---	-130	---	-30	-55	-220	44	-98	-49	-66	228	-77	-77	-28
Temp (°C)	---	---	---	---	10	10	---	12	---	---	11	8.3	11	9.5	9.6	7.3	9	8.3	9.9	7.9	10	11	9.1	8
Water Level Elevation	145.96	NA	---	---	---	---	---	---	---	---	---	---	120.23	118.12	121.44	120.57	118.45	121.35	121.81	116.57	117.34	118.01	118.03	118.65

constituent (ppb)	Aug-00	Dec-00	Jul-01	Nov-01	May-02	Dec-02	Jun-03	Nov-03	May-04*	Dec-04	Jun-05	Jun-06	Nov-06	Jun-07	Oct-07	Jun-08	Nov-08	May-09	Nov-09	May-10	Nov-10	May-11
benzene	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.3(J)	<1	0.3(J)
ethylbenzene	<1	<1	<1	0.2(J)	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
toluene	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
xylene	<1	<1	<1	<3	<1	<1	<1	<10	<1	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
PCE	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
TCE	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.4(J)
1,2-DCE	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	4	12	43	31	32	18	10
vinyl chloride	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	1	4	3	3	2	1
acetone	<5	<5	<5	3(JB)	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	5	<5	<5
tetrahydrofuran	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	3(J)	2(J)	3(J)	<5
2-butanone	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
4-methyl 2-pentanone	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
methylene chloride	<1	<1	<1	0.5(JB)	<1	<1	<1	<10	<1	<1	<2	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,1,1-TCA	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCA	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	0.8(J)	<1	2	2	1	0.5(J)
1,1-DCE	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCA	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromomethane	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloromethane	<1	<1	4	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroform	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
dibromochloromethane	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromoform	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
carbon disulfide	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
styrene	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroethane	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chlorobenzene	<1	<1	<1	0.4(JB)	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.2(J)	0.3(J)	<1	<1
1,2,-dichloropropane	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-trichloroethane	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-hexanone	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
GMP constituents																						
cis-1,2-DCE	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	---	---	---	43	31	32	18	10
trans-1,2-DCE	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	---	---	---	<1	<1	<1	<1	<1
dichlorodifluoromethane	---	---	---	---	---	---	---	---	---	---	---	---	---	<2	---	---	---	<2	<2	<2	<2	<2
isopropylbenzene	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	---	---	---	<1	<1	<1	<1	<1
n-propylbenzene	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	---	---	---	<1	<1	<1	<1	<1
1,3,5-trimethylbenzene	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	---	---	---	<1	<1	<1	<1	<1
tert-butylbenzene	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	---	---	---	<1	<1	<1	<1	<1
1,2,4-trichlorobenzene	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	---	---	---	<1	<1	<1	<1	<1
sec-butylbenzene	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	---	---	---	<1	<1	<1	<1	<1
1,3-dichlorobenzene	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	---	---	---	<1	<1	<1	<1	<1
p-isopropyltoluene	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	---	---	---	<1	<1	<1	<1	<1
1,4-dichlorobenzene	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	---	---	---	<1	<1	<1	<1	<1
1,2-dichlorobenzene	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	---	---	---	<1	<1	<1	<1	<1
n-butylbenzene	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	---	---	---	<1	<1	<1	<1	<1
1,2,4-trimethylbenzene	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	---	---	---	<1	<1	<1	<1	<1
naphthalene	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	---	---	---	<1	<1	<1	<1	<1
methyl tert-butyl ether	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	---	---	---	<1	<1	<1	<1	<1
diethyl ether	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	---	---	---	0.4(J)	<1	<1	<1	<1
ethyl tertiary-butyl ether	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	---	---	---	<1	<1	<1	<1	<1
di-isopropyl ether	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	---	---	---	<1	<1	<1	<1	<1
tertiary-butyl alcohol	---	---	---	---	---	---	---	---	---	---	---	---	---	<5	---	---	---	<5	<5	<5	<5	<5
1,4-dioxane	---	---	---	---	---	---	---	---	---	---	---	---	---	<2	---	---	---	3.5	<2	3.7	2.8	3.2
arsenic (dissolved)	25	23.9	26	25.3	24	22.3	22.8	21.8	15.5	18.3	14.8	11.2	13	9.5	9.9	10	7.6(B)	7.1(B)	6.2(B)	4.2(J)	7.2(J)	4.6(J)
arsenic (total)	23	22.8	24.5	23.4	24.2	23.6	28.5	24.1	21.5	18	17.8	14.1	11.8	10.4	8.8	9	8.1	5.3(B)	5.1(B)	5(J)	6.2(J)	3.1(J)
calcium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
iron (dissolved)	8,780	8,900	9,100	8,760	8,600	9,230	9,440	8,130	8,870	8,720	8,860	8,520	8,290	8,960	9,490	12,500	17,200	22,200	22,200	19,100	9,680	19,600
iron (total)	8,340	9,420	8,820	11,400	8,830	9,660	9,650	7,490	8,710	8,730	9,600	8,880	8,410	8,950	9,570	12,200	18,200	22,200	21,900	19,900	12,600	19,900
magnesium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
manganese (dissolved)	368	375	399	465	373	422	409	363	391	362	372	382	336	388	379	517	666	821	768	710	466	666
manganese (total)	350	393	382	476	381	442	422	349	380	365	381	395	345	390	375	524	693	811	750	729	529	676
potassium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
sodium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
pH (SU)	6.20	6.66	6.53	---	6.60	6.61	6.64	6.68	6.61	6.43	6.17	6.54	6.52	6.52	6.43	6.59	6.52	5.63	6.37	6.06	6.66	6.47
SC (mS/cm)	0.079	0.070	0.112	---	0.117	0.112	0.087	0.095	0.113	0.116	0.105	0.099	0.102	0.1	0.106	0.137	0.166	0.242	0.222	0.213	0.211	0.219
Turb (NTU)	9.20	0	22	---	0.53	1.34	0	2.20	0.60	1.29	1.05	0.83	0.71	0.91	1.13	0.38	4.61	0.11	0	0.48	1.1	0.29
DO (mg/l)	0.30	0.32	0.48	---	0.33	0.44	0.41	0.84	0.63	0.55	1.15	0.99	0.74	0.32	0.29	0.58	0.49	0.70	0.44	0.44	0.85	0.90
Eh (mv)	4	-29.6	68.8	---	12.1	-20.4	6.2	-37.6	-14.2	-67.1	-34.1	-52.6	-67	-33.8	-12.3	-41.8	-51.7	156.9	-34.1	-55.1	35.9	-39.3
Temp (°C)	10	7.8	11	---	8.9	8.5	9.2	8.7	9.9	8	13.1	11.47	8.50	10.51	8.78	9.50	8.25	10.22	10.12	10.77	9.31	10.08
Water Level Elevation	116.81	118.31	118.75	114.87	118.97	118.37	118.52	118.76	118.70	118.95	118.16	118.64	118.58	118.56	114.60	118.57	118.51	118.68	118.65	118.37	118.35	118.67

* May 2004 VOC data for OW-4A determined to be labeled as MW-103U in laboratory analytical report.

SUMMARY OF HISTORICAL GROUND WATER QUALITY DATA
WELL SB-5D

LANDFILL WELL
SCREENED INTERVAL - 41 - 51 FEET BGS

Well SB-5D
[41 - 51 feet BGS]

constituent (ppb)	ICL	Apr-93	Jul-93	Oct-93	Nov-93	May-94	Oct-94	May-95	Dec-95	Jun-96	Dec-96	May-97	Dec-97	May-98	Nov-98	May-99	Dec-99	Aug-00	Dec-00	Jul-01	Nov-01	May-02	Dec-02	May-03	Nov-03	May-04	Dec-04	May-05	Jun-06	Oct-06	Jun-07	Oct-07	Jun-08	Nov-08	Nov-09	May-10	Nov-10	May-11
benzene	5	<0.2	<0.2	<0.2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	**2**	**3**	**2**	**4**
ethylbenzene	---	<0.3	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	**5**	**8**	**7**	**12**
toluene	1,000	<0.2	<0.2	<0.2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	**18**	**15**	**14**	**11**
xylene	---	<0.7	<0.7	<0.7	<1	<1	<1	<1	<1	<1	<1	<1	<1	**0.7(J)**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<3	<3	<3	<3	<3	<3	<3	<3	**16**	**26**	**23**	**38**
PCE	5	<0.4	<0.4	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
TCE	5	<0.3	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	**9**	**8**	**3**	**6**
1,2-DCE	70	<0.4	<0.4	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**0.5(J)**	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	**5**	**6**	**4**	**5**
vinyl chloride	2	<0.4	<0.4	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	**3**	**2**	**3**	**2**
acetone	700	---	<5	<5	<5	<5	**5(R)**	**4(J)**	<5	<5	<5	<5	<5	<5	**3(J)**	<5	<5	<5	<5	**3(J)**	<5	**27(B)**	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	**4(J)**	**4(J)**	**3(J)**	**4(J)**
tetrahydrofuran	154	**6.2**	<5	<5	<5	<5	**1(R)**	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	**5**	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	**260**	**390**	**340**	**500**
2-butanone	200	---	<5	<5	<5	<5	**5(R)**	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	**8**	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
4-methyl 2-pentanone	350	---	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	**10**	**17**	**16**	**31**
methylene chloride	5	<1	**1**	<1	**1(J)**	<1	<1	**0.5(JB)**	<1	**2(B)**	**0.6(JB)**	**3(B)**	**4(B)**	**2(B)**	**1(B)**	**0.9(J)**	**0.8(JB)**	<1	<1	<1	**0.6(J)**	<1	<1	**1(B)**	<10	<1	<1	<2	<5	<5	<5	<5	<5	**0.8(JB)**	<5	<5	<5	**1(J)**
1,1,1-TCA	---	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCA	---	<0.3	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	**8**	**10**	**9**	**14**
1,1-DCE	7	<1.3	<1.3	<1.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCA	5	<0.7	<0.7	<0.7	<1	<1	<1	**0.6(J)**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	**1**	**2**	**2**	**3**
bromomethane	---	<0.3	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloromethane	---	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	**2**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**0.6(J)**	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroform	---	<0.7	<0.7	<0.7	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
dibromochloromethane	---	<0.3	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromoform	---	<0.3	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
carbon disulfide	---	---	<5	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
styrene	---	<0.4	<0.4	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**0.2(J)**
chloroethane	14,000	<0.4	<0.4	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chlorobenzene	---	<0.2	<0.2	<0.2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**1(J)**	<1	<1
1,2-dichloropropane	---	<0.3	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-trichloroethane	---	<0.2	<0.2	<0.2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	---	<0.4	<0.4	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	**0.4(J)**	<1	<1	<1
trans-1,3-dichloropropene	---	<0.4	<0.4	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	---	---	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-hexanone	---	---	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	**2(J)**
arsenic (dissolved)	10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<2.46	<2.53	<2.53	3.3(B)	<2.08	5.6(B)	<1.8	3(B)	<1.3	<3	<2.81	<8	<3.09	<0.83	23.7	4.1(B)	<0.98	35.3	37.4	34.6	42.6
arsenic (total)	---	---	15.4	---	11.7	13.4	16.5	7.6(B)	5.2(B)	4.80	<2.10	5	10(B)	5.3(B)	37.9	31.3	5.2(B)	17.1	<2.53	7.3(B)	26.4	<2.08	7.3(B)	<1.8	<1.3	4.4(B)	<3	<2.81	<8	<3.09	<0.83	25.5	5.4(B)	<0.98	27.8	41.5	32.1	44
calcium	---	14,000	7,870	5,980	5,750	5,970	5,500	9,900	8,510	4,860(B)	5,350	13,500	11,700	14,600	36,600	54,000	18,800	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
iron (dissolved)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	506	<16.46	19.4(B)	588	24.4(B)	1,060	40(B)	<9.4	530	329	124	1,040	21.7(B)	1,560	2,210	547	675	66,300	77,400	60,700	104,000
iron (total)	---	68,500	28,000	13,100	7,910	6,700	7,000	3,890	808	2,660	1,020	5,290	6,330	6,940	37,600	86.9	3,770	3,140	267	4,120	25,100	532	2,340	204	298	961	650	280	1,190	103	1,650	2,400	792	1,040	62,200	75,600	57,800	104,000
magnesium	---	15,400	6,410	1,910	1,890(B)	1,870(B)	1,760	2420(B)	2,210(B)	1,360(B)	1,080	2,740	3,020(B)	2,200	8,310	10,800	2,570(B)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
manganese (dissolved)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	165	24.8	76.5	162	7.90	208	19.6	25.3	107	19.9	37.7	97.6	52.2	77.2	163	111	36.3	975	1,070	964	1,300
manganese (total)	---	965	416	146	147	150	151	215	174	137	112	182	205	246	1,150	1,270	135	822	34.2	199	902	39.9	228	22.9	34.3	98.4	31.8	43.3	94.3	55.9	75.4	174	113	39.5	964	1,070	918	1,300
potassium	---	15,800	6,390	1,440	1,510(B)	<1,650	1,320	4,260(B)	4,560(B)	1,450(B)	2,390	3,900	3,190(B)	3,350	11,400	13,200	4,590(B)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
sodium	---	8,120	6,510	4,960	5,400	6,200	5,270	19,200	17,900	9,370	10,900	19,700	16,600	12,300	10,600	11,400	13,300	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
pH (SU)	---	---	---	---	8.46	6.96	6.82	6.24	6.51	5.83	6	6.65	6.12	6.41	6.23	6.22	5.97	6.20	6.16	5.75	6.47	6.29	6.39	6.23	6.05	6.67	5.94	6.94	5.99	6.58	5.71	6.15	5.67	5.63	6.55	6.56	6.72	6.60
SC (mS/cm)	---	---	---	---	0.107	0.090	0.079	0.131	0.076	0.088	0.136	0.142	0.203	0.139	0.100	0.094	0.227	0.081	0.065	0.075	0.101	0.115	0.136	0.095	0.100	0.291	0.130	0.095	0.111	0.063	0.079	0.077	0.052	0.053	0.607	0.687	0.571	0.861
Turb (NTU)	---	---	---	---	9.80	11	47	432	166	37	2	>999	377	>999	782	>1,000	13	ER2	---	25	>1,000	13.6	18.4	---	4.27	5.26	9.14	7	3.21	0.41	1.12	0.98	3.49	1.26	5.43	0.61	4.8	1.08
DO (mg/l)	---	---	---	---	0.90	0.22	0.19	0.49	6.47	0.43	5.38	0.09	1.54	0.44	0.11	0.46	6.73	0.10	6.16	3.46	1.11	5.49	0.86	2.34	6.42	0.44	2.80	3.65	0.34	6.59	0.41	0.69	1.00	1.65	3.33	0.36	0.36	0.51
Eh (mv)	---	---	---	---	-70	---	-7.20	---	17.1	194	198	97	141	205	44	170	116	18.5	149	365	-12.9	113	-164	159	190	88	160	25	54.8	212.7	79.7	-338.8	108.2	50.1	-82.4	-110.1	-122.9	-123.7
Temp (ºC)	---	---	---	---	9.70	8.30	9.80	10.20	7.90	10.30	7	9.90	6.70	8.50	9.10	9.20	9	12.30	7.96	11.38	9.42	11.30	9.30	9.56	9.66	10.35	4.66	9.71	12.74	11.11	12.40	11.03	11.01	9.65	11.13	4.49	10.06	9.04
Water Level Elevation	149.24	144.61	141.17	143.36	143.92	144.26	143.00	144.14	145.14	143.05	145.50	144.25	143.50	144.09	143.34	143.64	144.23	143.34	143.98	144.50	141.27	144.12	145.69	144.79	144.80	144.68	145.16	144.86	145.23	144.98	144.43	---	144.53	---	145.46	145.32	---	---

SUMMARY OF HISTORICAL GROUND WATER QUALITY DATA
GMP WELL SB-10I

DOWNGRADIENT WELL
SCREENED INTERVAL - 30 - 40 FEET BGS

constituent (ppb)	ICL	AGQS	Jun-01	Nov-01	May-02	Dec-02	Jun-03	Nov-03	May-04	Dec-04	May-05	Oct-05	Jun-06	Oct-06	Jun-07	Oct-07	Jun-08	Nov-08	Apr-09	May-09*	Nov-09	Apr-10	May-10	Nov-10	Apr-11	May-11
benzene	**5**	5	<1	<1	<1	<1	<1	<10	<1	**0.2(J)**	<1	**0.4(J)**	<1	<1	**0.7(J)**	**0.7(J)**	**1(J)**	**0.9(J)**	**1**	**1(J)**	**0.9(J)**	**0.8(J)**	**0.9(J)**	**0.8(J)**	<1	**2**
ethylbenzene	---	700	<1	<1	<1	**0.2(JB)**	**0.3(J)**	<10	<1	**1(J)**	**2**	**2**	**3**	**3**	**3**	**4**	**6**	**6**	**7**	**6**	**6**	**5**	**6**	**6**	**6**	**8**
toluene	**1,000**	1,000	<1	<1	<1	<1	**3**	<10	<1	**0.5(J)**	<1	**0.6(J)**	**0.8(J)**	**0.8(J)**	**1**	**1(J)**	**1**	**1**	**2**	**1**	**1**	**1**	**1**	**1**	**1(J)**	**2**
xylene	---	10,000	<1	<1	<1	**0.5(J)**	**6**	<10	**2**	**3**	**3**	**3**	**2(J)**	<3	**2(J)**	**2(J)**	**3(J)**	**2(J)**	**4**	**3(J)**	**3**	**2(J)**	**2(J)**	**2(J)**	**0.4(J)**	**4**
PCE	**5**	5	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
TCE	**5**	5	<1	<1	<1	<1	<1	<10	<1	<1	<1	**0.4(J)**	<1	<1	<1	<1	**0.5(J)**	**0.4(J)**	**0.6(J)**	**0.5(J)**	**0.4(J)**	**0.4(J)**	**0.4(J)**	**0.4(J)**	**0.7(J)**	**0.6(J)**
1,2-DCE	**70**	70	**0.6(J)**	<1	<1	<1	<1	<10	**1**	**2**	**2**	**3**	**4**	**4**	**5**	**6**	**7**	**6**	**7**	**8**	**7**	**5**	**4**	**4**	**4**	**7**
vinyl chloride	**2**	2	<1	<1	<1	<1	<1	<10	<1	**0.7(J)**	<1	**1**	<1	**2**	**4**	**4**	**5**	**5**	**4**	**6**	**6**	**5**	**4**	**6**	**3**	**7**
acetone	**700**	6,000	<5	<5	<5	<5	<5	<10	<1	**2(J)**	<5	<5	<5	<5	**7**	<5	**4(J)**	**3(J)**	**3(J)**	**4(J)**	<5	<2	**4(J)**	<5	<5	<5
tetrahydrofuran	**154**	154	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	**2(J)**	**2(J)**	**8**	<5	**2(J)**	<5	**2(J)**	<5	<5	**6**
2-butanone	**200**	---	<5	<5	**7**	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
4-methyl 2-pentanone	**350**	---	<5	**11**	**17**	<5	**19**	**4(J)**	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
methylene chloride	**5**	5	<1	**0.7(JB)**	<1	<1	**5(B)**	<10	<1	<1	<2	<2	<5	<5	<5	<5	**0.4(J)**	<5	**1(JB)**	**1(JB)**	<5	<5	<5	<5	<5	<5
1,1,1,-TCA	---	200	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCA	---	81	<1	<1	<1	**0.3(J)**	**0.6(J)**	<10	**1**	**1**	**1**	**2**	**2**	**2**	**3**	**4**	**4**	**4**	**5**	**6**	**4**	**4**	**3**	**4**	**3**	**6**
1,1-DCE	**7**	7	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCA	**5**	5	<1	<1	<1	<1	<1	<10	<1	**0.2(J)**	<1	<1	<1	**0.7(J)**	**1**	**0.8(J)**	**1**	**1(J)**	**1**	**1**	**0.8(J)**	**0.8(J)**	**0.7(J)**	**0.8(J)**	**0.8(J)**	**1**
bromomethane	---	10	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<2	<1	<1	<1	<1
chloromethane	---	30	<1	**0.6(J)**	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<2	<1	<1	<1	<1
chloroform	---	70	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
dibromochloromethane	---	60	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromoform	---	4	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
carbon disulfide	---	70	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**0.7(J)**	<1	<1	<1	<1	<1
styrene	---	100	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroethane	**14,000**	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<2	<1	<1	<1	<1
chlorobenzene	---	100	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-dichloropropane	---	5	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-trichloroethane	---	5	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	---	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	---	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	---	2	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-hexanone	---	---	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
GMP constituents																										
cis-1,2-DCE	**70**	70	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**8**	**7**	**5**	**4**	**4**	**4**	**7**
trans-1,2-DCE	---	100	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1	<1	<1
dichlorodifluoromethane	---	1,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<2	<2	---	<2	**0.3(J)**	---	**0.3(J)**
isopropylbenzene	---	800	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**0.6(J)**	**0.6(J)**	---	**0.7(J)**	**0.4(J)**	---	**1**
n-propylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	---	<1	<1	---	<1
1,3,5-trimethylbenzene	---	330	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	**0.2(J)**	<1	**0.2(J)**	<1	<1	**0.3(J)**
tert-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	---	<1	<1	---	<1
1,2,4-trichlorobenzene	---	70	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	---	<1	<1	---	<1
sec-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	---	<1	<1	---	<1
1,3-dichlorobenzene	---	600	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	---	<1	<1	---	<1
p-isopropyltoluene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	**0.3(J)**	---	**0.3(J)**	<1	---	**0.4(J)**
1,4-dichlorobenzene	---	75	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1	<1	<1
1,2-dichlorobenzene	---	600	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1	<1	<1
n-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	---	<1	<1	---	<1
1,2,4-trimethylbenzene	---	330	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**0.2(J)**	**0.3(J)**	<1	**0.3(J)**	<1	**0.4(J)**	**0.4(J)**
naphthalene	---	20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	---	<1	<1	---	<1
methyl tert-butyl ether	---	13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1	<1	<1
diethyl ether	---	1,400	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**3**	**3**	---	**2**	**4**	---	**4**
ethyl tertiary-butyl ether	---	40	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	---	<1	<1	---	<1
di-isopropyl ether	---	120	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**0.4(J)**	**0.3(J)**	---	<1	<1	---	**0.5(J)**
tertiary-butyl alcohol	---	40	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<5	<5	---	<5	<1	---	<5
1,4-dioxane	---	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**75**	**88**	---	**45**	**54**	---	**55(B)**
arsenic (dissolved)	**10**	10	12.4(B)	14.9	12.4	14	14.6	11.4	15.4	16.8	15.2	12	13.8	14.6	13.6	13.2	16.4	14	14.1	---	19.2	28.6	23.2	26.2	24.6	17.1
arsenic (total)	---	---	31.8(B)	13.4	13.2	16.6	15.3	15.6	14.5	14.4	17.1	11.4	11.7	15.6	13.8	13.6	17.1	15.3	16.4	---	20	27.3	24	26.9	25.3	15.9
calcium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
iron (dissolved)	---	---	3,840	10,400	8,650	10,800	10,900	10,300	11,600	12,700	14,500	13,900	16,600	17,200	21,800	21,300	24,800	25,700	27,000	---	25,500	---	23,700	22,500	22,500	32,200
iron (total)	---	---	55,000	15,700	9,980	11,900	11,300	9,780	11,900	14,100	14,700	13,400	16,400	16,900	21,100	21,400	25,200	26,100	26,600	---	26,200	---	22,800	22,300	22,300	31,100
magnesium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
manganese (dissolved)	---	840	540	318	305	290	282	277	305	322	352	339	418	443	542	565	642	649	653	---	716	---	740	688	688	828
manganese (total)	---	---	1,240	374	286	298	277	260	314	340	355	322	409	438	520	555	643	651	645	---	727	---	714	691	691	796
potassium	---	35,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
sodium	---	---	---	---	---	---	5,500	5,500	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
pH (SU)	---	---	6.29	6.77	6.82	6.60	6.77	6.91	6.61	6.61	6.76	6.82	6.63	6.54	6.49	7.06	6.57	6.44	6.95	6.64	6.63	6.66	6.67	6.74	6.73	6.45
SC (mS/cm)	---	---	0.071	0.100	0.109	0.108	0.110	0.103	0.154	0.117	0.118	0.145	0.154	0.169	0.187	0.208	0.223	0.219	0.260	0.249	0.253	0.249	0.233	0.222	0.163	0.309
Turb (NTU)	---	---	---	98	8.98	6.15	4.90	4.74	17	1.62	2.90	8.35	1.81	0.93	3.04	2.21	1.40	14.90	6.6	5.21	0.570	117	16.3	3.6	4.5	1.65
DO (mg/l)	---	---	0.15	0.66	0.23	1.46	0.28	0.28	0.18	0.32	0.67	0.24	0.32	0.37	0.61	0.8	0.39	0.37	0.35	0.31	0.29	0.17	0.18	0.58	0.39	0.46
Eh (mv)	---	---	-23.8	-43.5	-60.1	-77.2	-12.4	-114	16	154	-57.8	-103	-103.3	-111.8	-4.3	-217.8	-102.8	-94.6	-129	-96.3	-81.2	-144	-114.5	-142.2	-71.9	-91.4
Temp (°C)	---	---	9.9	9.3	8.9	7.7	10.2	9	8.9	8.4	8.5	9.48	11.74	10	10.91	10.59	10.84	11.10	11.09	10.08	9.63	11.11	9.11	9.75	7.72	9.74
Water Level Elevation	149.39	NA	146.49	143.89	146.38	145.89	146.68	146.54	147.16	146.73	146.96	146.79	147.31	146.44	---	---	---	---	---	---	---	---	---	---	---	---

"*" denotes that GeoInsight collected a ground water sample from well SB-10I for metals analyses in May 2009.

SUMMARY OF HISTORICAL GROUND WATER QUALITY DATA
GMP WELL SB-D2

DOWNGRADIENT WELL
SCREENED INTERVAL - 50 - 60 FEET BGS

GMP Well SB-D2
[50 - 60 feet BGS]

constituent (ppb)	TCL	AGQS	Apr-93	Jul-93	Oct-93	May-94	Oct-94	May-95	Dec-95	Jun-96	Dec-96	May-97	Dec-97	May-98	Nov-98	May-99	Dec-99	Aug-00	Dec-00	Jul-01	Nov-01	May-02	Dec-02	May-03	Nov-03	May-04	Dec-04	Jun-05	Oct-05	Jun-06	Oct-06	Jun-07	Oct-07	Jun-08	Nov-08	Apr-09	May-09*	Nov-09	Apr-10	May-10	Nov-10	Apr-11	May-11
benzene	5	5	<0.2	<0.2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
ethylbenzene	---	700	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**0.6(J)**	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
toluene	**1,000**	1,000	<0.2	<0.2	<1	<1	<1	<1	<1	<1	<1	**0.7(JB)**	<1	<1	**0.6(J)**	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
xylene	---	10,000	<0.7	<0.7	<1	<1	<1	<1	<1	<1	<1	<1	**0.6(J)**	<1	**0.9(J)**	<1	<1	<1	---	<1	<1	<1	<1	**0.5(J)**	<10	<1	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
PCE	**5**	5	<0.4	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**0.8(J)**	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
TCE	**5**	5	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**2(B)**	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCE	**70**	70	<0.4	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<2	<1	<1	<1	<1
vinyl chloride	**2**	2	<0.4	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<2	<1	<1	<1	<1
acetone	**700**	6,000	---	<5	<5	<5	**5(R)**	**12**	<5	<5	**1(JB)**	<5	**10**	<5	<5	<5	<5	<5	---	<5	<5	**14(B)**	<5	<5	<10	<1	**2(J)**	<5	<5	<5	<5	**3(J)**	<5	<5	<5	<5	**4(J)**	<5	**3(J)**	**3(J)**	<5	<5	<5
tetrahydrofuran	**154**	154	**7**	<5	<5	<5	**1(R)**	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	---	<5	<5	**14**	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
2-butanone	**200**	---	---	<5	<5	<5	**5(R)**	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	---	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
4-methyl 2-pentanone	**350**	---	---	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	---	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
methylene chloride	**5**	5	<1	<1	<1	<1	<1	**0.7(JB)**	<1	**1(B)**	<1	**7(B)**	**6(B)**	**5(B)**	**1(B)**	**1(B)**	**0.8(JB)**	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<2	<1	<5	<5	<5	<5	<5	**1(JB)**	**1(JB)**	<5	<5	<5	<5	<5	<5	<5
1,1,1-TCA	---	200	<0.5	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCA	---	81	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCE	**7**	7	<1.3	<1.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCA	**5**	5	<0.7	<0.7	<1	<1	<1	**0.8(J)**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromomethane	---	10	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<2	<1	<1	<1	<1
chloromethane	---	30	<0.5	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	**0.5(J)**	<2	<1	<1	<2	<1	<1	<1	<1
chloroform	---	70	<0.7	<0.7	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
dibromochloromethane	---	60	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromoform	---	4	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
carbon disulfide	---	70	---	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
styrene	---	100	<0.4	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroethane	**14,000**	---	<0.4	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<1	<2	<1	<1	<1	<1
chlorobenzene	---	100	<0.2	<0.2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**0.5(J)**	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-dichloropropane	---	5	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-trichloroethane	---	5	<0.2	<0.2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	---	---	<0.4	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	---	---	<0.4	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	---	2	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-hexanone	---	---	---	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	---	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
GMP constituents																																											
cis-1,2-DCE	**70**	70	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1	<1	<1
trans-1,2-DCE	---	100	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1	<1	<1
dichlorodifluoromethane	---	1,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<2	<2	---	<2	<2	---	<2
isopropylbenzene	---	800	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	---	<1	<1	---	<1
n-propylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	---	<1	<1	---	<1
1,3,5-trimethylbenzene	---	330	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1	<1	<1
tert-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	---	<1	<1	---	<1
1,2,4-trichlorobenzene	---	70	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	---	<1	<1	---	<1
sec-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	---	<1	<1	---	<1
1,3-dichlorobenzene	---	600	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	---	<1	<1	---	<1
p-isopropyltoluene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	---	<1	<1	---	<1
1,4-dichlorobenzene	---	75	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1	<1	<1
1,2-dichlorobenzene	---	600	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1	<1	<1
n-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	---	<1	<1	---	<1
1,2,4-trimethylbenzene	---	330	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1	<1	<1
naphthalene	---	20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	---	<1	<1	---	<1
methyl tert-butyl ether	---	13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1	<1	<1
diethyl ether	---	1,400	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	---	<1	<1	---	**0.4(J)**
ethyl tertiary-butyl ether	---	40	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	---	<1	<1	---	<1
di-isopropyl ether	---	120	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	---	<1	<1	---	<1
tertiary-butyl alcohol	---	40	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<5	<5	---	<5	<5	---	<5
1,4-dioxane	---	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**1.7(J)**	<2	---	**2.6**	**2.9**	---	**4.1**
arsenic (dissolved)	**10**	10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	28.2	---	26.2	26.9	28	27.5	31.5	29.6(E)	29.7	31.6	28.5	29.2	30	22.5	18.5	23.7	16.5	27.4	16.2	---	29.6	20.4	17.5	27.1	30.2	28.2
arsenic (total)	---	---	---	64.5	53.1	34.4	34.8	31.7	32.3	34.2	33.5	30	29	30	30.4	31.7	29.5	29.2	---	35	28.7	26.2	28	30.8	28.6	28.6	31.4	33.5	27.7	28.4	26.5	16.5	23.2	16.5	27.1	17.6	---	29.8	22.5	19.4	28.8	30.5	28.3
calcium	---	---	46,200	20,700	10,200	9,190	8,180	8,980	8,110	8,080	9,160	9,020	8,420	7,810	8,380	8,550	8,820	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
iron (dissolved)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4,050	---	4,320	4,530	4,250	4,480	4,630	3,440	3,890	4,420	4,250	4,290	4,420	4,100	3,200	3,980	2,660	4,450	2,750	---	4,860	---	3,150	4,180	---	5,450
iron (total)	---	---	93,800	83,500	4,730	4,970	4,290	4,520	4,050	4,550	4,830	4,630	4,490	4,420	4,330	4,720	4,950	4,140	---	30,100	4,730	4,300	4,560	4,960	3,710	4,180	4,460	4,910	4,380	4,480	4,530	2,940	3,970	2,540	4,400	3,040	---	5,100	---	3,020	4,420	---	5,390
magnesium	---	---	24,000	21,000	3,450	2,710(B)	2,480	2,640(B)	2,440(B)	2,400(B)	2,740	2,680	2,550(B)	2,410	2,520	2,530(B)	2,640(B)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
manganese (dissolved)	---	840	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	417	---	448	446	393	440	410	340	397	413	417	405	429	385	264	410	244	415	249	---	456	---	322	444	---	507
manganese (total)	---	---	2,330	1,780	<100	448	418	422	402	430	472	436	453	416	442	442	460	413	---	874	454	390	443	423	362	413	414	429	392	430	379	244	407	225	403	276	---	472	---	326	473	---	495
potassium	---	35,000	18,500	18,700	2,080(B)	<1,910	1,500	2,030(B)	<2,340	1,400(B)	1,690	1,500	1,650(B)	1,040	1,580	1,550(B)	1,980(B)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
sodium	---	---	15,100	10,800	8,210	6,880	6,270	6,430	7,230	6,600	6,440	6,460	6,120	5,970	6,260	6,160	6,140	---	---	---	---	---	---	6,440	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
pH (SU)	---	---	---	---	7.06	7.15	---	7	7.86	6.93	8.27	7.01	6.95	7.12	6.92	7.02	6.87	6.19	---	6.48	6.99	6.93	7.19	6.91	7.15	6.73	6.93	6.86	6.97	6.93	7.12	6.7	6.86	6.91	7.01	6.87	6.70	6.89	6.30	6.75	7.02	7.16	6.76
SC (mS/cm)	---	---	---	---	0.131	0.104	---	1.04	0.059	0.098	0.162	0.099	0.117	0.990	0.110	0.068	0.059	0.099	---	0.071	0.101	0.069	0.102	0.092	0.090	0.108	0.101	0.106	0.104	0.104	0.104	0.096	0.089	0.098	0.107	0.112	0.103	0.108	0.115	0.108	0.111	0.077	0.088
Turb (NTU)	---	---	---	---	18.9	23	---	4	7	0	2	0	0	2	0	0	0	1	---	727	5.38	---	1.23	5.00	0	4.30	0.62	4.83	3.32	2.27	7.20	1.20	2.64	1.22	2.30	39.0	4.43	0.24	3.24	0.74	0.06	0.85	0.4
DO (mg/l)	---	---	---	---	0.50	1.01	---	0.24	3.10	0.40	1.12	0.42	0.03	0.46	0.17	0.20	0	0.35	---	0.22	0.79	0.29	0.48	11.6	0.66	0.38	0.27	1.42	0.35	0.43	0.89	1.28	0.38	1.10	0.18	0.53	1.78	0.30	0.66	1.71	0.23	0.00	0.16
Eh (mv)	---	---	---	---	114	41	---	-82	-227	117	-73	-10	-86.4	-62	-37	-86	-33	-11.1	---	-62	-94.9	-21.9	-141	-41	-98.8	-44.7	16.7	-81.6	-109.6	-94.8	-92.9	-12.9	-98.4	-55.6	-121.3	-88	-13.8	-63.6	46.0	70.1	-95.7	-151.9	-57.4
Temp (°C)	---	---	---	---	9.4	8.4	---	8.5	7.8	8.8	8.3	7.9	7.4	7.9	8.5	8.7	8.5	9.1	---	9.5	9.5	8.1	8	9.2	9.2	9.6	7.7	11.2	9.54	12.52	9.89	9.18	9.30	10.16	9.10	9.04	7.80	9.50	7.02	8.84	9.84	2.25	8.51
Water Level Elevation	148.99	NA	145.72	143.67	143.28	145.53	144.59	145.17	145.73	144.70	145.90	145.69	144.98	144.87	144.83	145.40	145.31	145.09	145.24	145.44	143.02	145.24	144.96	145.78	145.51	145.82	145.69	145.94	144.97	146.36	145.59	145.64	144.90	145.45	145.68	144.55	145.77	145.68	147.91	145.42	145.10	145.66	147.04

*** denotes that GeoInsight collected a ground water sample from well SB-D2 for metals analyses in May 2009.

SUMMARY OF HISTORICAL GROUND WATER QUALITY DATA
GMP WELL SB-GW-3I

DOWNGRADIENT WELL
SCREENED INTERVAL - 29.5 - 39.5 FEET BGS

constituent (ppb)	TCL	AGQS	Jun-01	Nov-01	May-02	Dec-02	May-03	Nov-03	May-04	Dec-04	May-05	Oct-05	Jun-06	Oct-06	Jun-07	Nov-07	Jun-08	Nov-08	May-09	Nov-09	May-10	Nov-10	May-11
benzene	**5**	5	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
ethylbenzene	---	700	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
toluene	**1,000**	1,000	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
xylene	---	10,000	<1	<1	<1	<1	<1	<10	<1	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
PCE	**5**	5	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
TCE	**5**	5	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCE	**70**	70	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
vinyl chloride	**2**	2	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
acetone	**700**	6,000	<5	<5	<5	<5	<5	<10	<1	3(J)	<5	<5	<5	<5	<5	<5	<5	**3(J)**	<5	<5	<5	<5	<5
tetrahydrofuran	**154**	154	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
2-butanone	**200**	---	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
4-methyl 2-pentanone	**350**	---	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
methylene chloride	**5**	5	<1	<1	2(B)	<1	<1	<10	<1	<1	<2	<1	<5	<5	<5	<5	<5	**0.9(JB)**	**0.4(J)**	<5	<5	<5	<5
1,1,1,-TCA	---	200	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCA	---	81	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCE	**7**	7	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCA	**5**	5	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromomethane	---	10	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloromethane	---	30	<1	**0.7(J)**	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	**0.4(J)**	<1	<1	<1	<1	<1
chloroform	---	70	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
dibromochloromethane	---	60	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromoform	---	4	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
carbon disulfide	---	70	<1	<1	**0.5(J)**	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
styrene	---	100	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroethane	**14,000**	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chlorobenzene	---	100	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-dichloropropane	---	5	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-trichloroethane	---	5	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	---	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	---	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	---	2	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-hexanone	---	---	<5	<5	<5	<5	<5	<10	**2,100(E)**	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
GMP constituents																							
cis-1,2-DCE	**70**	70	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
trans-1,2-DCE	---	100	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
dichlorodifluoromethane	---	1,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<2	<2	<2	<2	<2
isopropylbenzene	---	800	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
n-propylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,3,5-trimethylbenzene	---	330	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
tert-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,2,4-trichlorobenzene	---	70	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
sec-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,3-dichlorobenzene	---	600	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
p-isopropyltoluene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,4-dichlorobenzene	---	75	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,2-dichlorobenzene	---	600	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
n-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,2,4-trimethylbenzene	---	330	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
naphthalene	---	20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
methyl tert-butyl ether	---	13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
diethyl ether	---	1,400	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
ethyl tertiary-butyl ether	---	40	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
di-isopropyl ether	---	120	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
tertiary-butyl alcohol	---	40	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<5	<5	<5	<5	<5
1,4-dioxane	---	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<2	<2	<2	<2	<2
arsenic (dissolved)	**10**	10	24	40.8	42.6	46.3	47.6	49.8	51.8	54.4	47.4	47.1	43.9	13.9	18.6	17.5	20.9	25.2	17.4	19	52.5	17.8	19
arsenic (total)	---	---	39.2	83.2	42.3	49	46.9	50	87.6	59.1	54.3	62.2	61	25.8	31.6	28.7	33.3	29.9	31.5	24.2	71.9	28.3	30.6
calcium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
iron (dissolved)	---	---	7,080	5,790	2,740	2,440	1,750	1,690	1,700	1,610	1,220	1,420	1,030	131	214	104	218	893	232	447	1,710	296	230
iron (total)	---	---	778,000	94,300	16,400	7,480	4,560	3,370	62,400	6,810	2,640	2,930	3,540	844	804	524	812	1,130	892	650	3,070	747	816
magnesium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
manganese (dissolved)	---	840	467	353	290	285	242	241	253	227	219	207	214	329	10.2	73.3	25.4	354	10	263	168	336	7.7
manganese (total)	---	---	10,500	1,540	482	356	289	255	1,080	295	230	239	245	341	27.1	85.8	34	382	32.6	268	187	326	48
potassium	---	35,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
sodium	---	---	---	---	---	---	6,960	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
pH (SU)	---	---	5.68	6.78	6.92	6.61	6.99	7.15	7.29	7.32	6.88	7.2	6.67	7.2	7	6.91	6.94	7.14	6.94	6.92	6.67	7.46	6.82
SC (mS/cm)	---	---	0.087	0.114	0.121	0.125	0.110	0.107	0.123	0.137	0.125	0.129	0.126	0.123	0.13	0.093	0.132	0.128	0.130	0.160	0.141	0.116	0.138
Turb (NTU)	---	---	---	>1,000	---	72.2	26	70	>1,000	145	33.3	24	32.4	13.1	9.12	8.34	12.8	2.71	11.2	4.44	15.5	9.4	6.03
DO (mg/l)	---	---	0.04	1.24	0.64	0.94	0.11	0.72	0.21	3.4	5.69	0	0.77	0.51	1.63	0.92	0.54	1.64	1.67	1.23	NM	1.14	2.08
Eh (mv)	---	---	-351	-69.4	-57.9	-172	-50.1	-76.6	-74.2	18.8	-62.5	-90	15.4	54.3	60.4	159.7	28.5	-54.1	216.7	24	-17.9	-1.8	168.4
Temp (°C)	---	---	14	9.2	8.9	8.7	8.9	9.1	9.6	7.3	8.5	11.41	11.69	11.17	9.97	11.69	10.93	9.9	7.46	10.93	8.67	10.40	7.45
Water Level Elevation	NA	NA	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

SUMMARY OF HISTORICAL GROUND WATER QUALITY DATA
GMP WELL SC-22I

DOWNGRADIENT WELL
SCREENED INTERVAL - 30 - 35 FEET BGS

constituent (ppb)	ICL	AGQS	Aug-00	Dec-00	Jul-01	Nov-01	May-02	Dec-02	May-03	Nov-03	May-04	Dec-04	May-05	Jun-06	Oct-06	Jun-07	Nov-07	Jun-08	Nov-08*	May-09	Nov-09	May-10	Nov-10	May-11
benzene	5	5	22	19	19	20	21	21	22	22	14	20	20	16	17	13	13	14	11	12	12	11	12	12
ethylbenzene	---	700	5	5	5	5	5	5(B)	6	7(J)	4.3	6(B)	7	5	5	4	4	3	<1	2	2	2	1	1
toluene	1,000	1,000	2	2	2	3	2	2	2	2(J)	1.7	2	2	1	1	1	1	1	<1	1(J)	0.9(J)	0.9(J)	0.9(J)	0.9(J)
xylene	---	10,000	11	11	10	10	10	12	12	13	9.6	8	9	7	7	5	5	5	<3	3(J)	3(J)	3	3	3(J)
PCE	5	5	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
TCE	5	5	1	0.8(J)	<1	1	<1	0.9(J)	<1	<10	<1	0.5(J)	0.5(J)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCE	70	70	2	2	3	3	3	2	3	2(J)	1.9	1	2	0.9(J)	0.8(J)	0.6(J)	0.6(J)	0.6(J)	1	0.7(J)	0.6(J)	0.6(J)	0.6(J)	0.8(J)
vinyl chloride	2	2	11	11	8	14	12	12	15	16	9.4	12	12	10	9	6	6	8	2	6	5	4	5	4
acetone	700	6,000	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	4(J)	<5	3(J)	<5	4(J)	3(J)	<5	4(J)	<5	<5
tetrahydrofuran	154	154	6	6	<5	4(J)	<5	<5	<5	<10	<1	8	4(JB)	3(J)	4(J)	<5	<5	3(J)	17	4(J)	3(J)	3(J)	<5	<5
2-butanone	200	---	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
4-methyl 2-pentanone	350	---	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
methylene chloride	5	5	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<2	<5	<5	<5	<5	<5	<5	1(JB)	<5	<5	<5	<5
1,1,1-TCA	---	200	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCA	---	81	<1	<1	<1	<1	<1	0.2(J)	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCE	7	7	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCA	5	5	0.8(J)	1	<1	1	1(J)	<1	<1	<10	<1	0.9(J)	0.8(J)	0.6(J)	0.6(J)	0.5(J)	<1	<1	0.8(J)	0.4(J)	<1	<1	<1	<1
bromomethane	---	10	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloromethane	---	30	<1	<1	0.6(J)	1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroform	---	70	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
dibromochloromethane	---	60	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromoform	---	4	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
carbon disulfide	---	70	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.5(JB)	<1	<1	<1
styrene	---	100	<1	<1	<1	<1	4	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroethane	14,000	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chlorobenzene	---	100	10	8	9	10	9	8	9	9(J)	6.6	8(B)	9	8	9	8	8	9	50	9	9	9	10	9
1,2-dichloropropane	---	5	2	2	1	2	2	<1	3	<10	<1	<1	2	1	1	1	<1	1	<1	0.9(J)	<1	<1	<1	<1
1,1,2-trichloroethane	---	5	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	---	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	---	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	---	2	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-hexanone	---	---	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
GMP constituents																								
cis-1,2-DCE	70	70	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.7(J)	0.6(J)	0.6(J)	0.6(J)	0.8
trans-1,2-DCE	---	100	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
dichlorodifluoromethane	---	1,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<2	<2	<2	<2	<2
isopropylbenzene	---	800	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	7	6	6	5	5
n-propylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,3,5-trimethylbenzene	---	330	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.3(J)	0.3(J)	0.2(J)	<1	<1
tert-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,2,4-trichlorobenzene	---	70	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
sec-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	0.4(J)	0.4(J)	0.4(J)	0.4(J)
1,3-dichlorobenzene	---	600	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
p-isopropyltoluene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,4-dichlorobenzene	---	75	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4	4	4	4	4
1,2-dichlorobenzene	---	600	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.7(J)	0.7(J)	0.8(J)	0.8(J)	0.8(JB)
n-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,2,4-trimethylbenzene	---	330	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	3	3	3	3
naphthalene	---	20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	0.7(J)	<1	3	4
methyl tert-butyl ether	---	13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
diethyl ether	---	1,400	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	2	1	2	2
ethyl tertiary-butyl ether	---	40	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
di-isopropyl ether	---	120	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
tertiary-butyl alcohol	---	40	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<5	<5	<5	<5	<5
1,4-dioxane	---	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2.4	1.7(J)	2	1.9(J)	1.6(JB)
arsenic (dissolved)	10	10	85	86	92	92.2	85.4	84.9	96.3	77.2(E)	89.1	102	92.9	86.2	84.1	93.4	95.4	97.5	107	106	107	106	120	123
arsenic (total)	---	---	80	83	92	95	85.5	91	94.2	74.4	88	102	98.4	91.8	85.7	93.6	97	99.3	111	103	110	113	121	117
calcium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
iron (dissolved)	---	---	42,500	40,800	46,700	41,800	41,700	39,200	42,100	33,800	38,700	42,200	41,500	41,400	38,500	40,800	39,500	43,300	42,800	44,800	44,800	43,600	45,700	51,900
iron (total)	---	---	43,800	40,700	46,000	44,000	41,600	42,100	41,600	34,400	37,600	41,300	42,400	43,800	38,800	40,600	37,900	43,300	43,900	43,100	43,000	45,400	45,600	49,300
magnesium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
manganese (dissolved)	---	840	2,720	2,730	2,730	2,630	2,410(E)	2,410	2,440	2,140	2,350	2,400	2,290	2,350	2,220	2,320	2,130	2,300	2,300	2,240	2,190	2,070	2,210	2,280
manganese (total)	---	---	2,610	2,600	2,730	2,750	2,410(E)	2,570	2,420	2,150	2,280	2,390	2,330	2,430	2,240	2,300	2,060	2,300	2,350	2,280	2,110	2,180	2,200	2,180
potassium	---	35,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
sodium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
pH (SU)	---	---	6.1	6.33	6.52	6.31	6.33	6.2	4.93	6.39	6.08	6.32	6.24	6.04	6.26	6.26	6.32	6.37	6.44	6.34	6.4	6.33	6.13	6.35
SC (mS/cm)	---	---	0.58	0.71	1.24	1.05	1.26	1.63	1.08	1.2	1.2	1.14	1.15	0.661	0.959	0.971	0.753	0.923	1.096	1.029	1.077	1.1	0.998	1.142
Turb (NTU)	---	---	60	32	11	3.30	0	1.66	0	0	1.77	0.65	2.6	6	1.96	2	1.45	0.00	3.57	3.06	0.63	0.76	6.9	0.18
DO (mg/l)	---	---	0.30	0.52	0.47	1.65	0.62	1.05	0	0.67	0.52	0.48	0.53	2.73	0.38	0.5	0.27	0.63	0.28	0.32	0.49	0.59	0.61	0.31
Eh (mv)	---	---	17.6	-60.9	-32.5	-69.9	-63.8	-168	-44.7	-74.4	-40.5	-48.9	-71.8	-48.3	-99.9	-4.6	-330.1	-77.9	-78.9	-71.7	-83.5	-86.5	-88.6	-75.2
Temp (°C)	---	---	10	8.7	9.6	9.7	9.2	9.4	9.8	9	8.9	8.3	8.6	11.35	9.99	9.49	10.06	10.30	9.36	9.56	9.84	9.65	10.19	8.68
Water Level Elevation	145.72	NA	123.73	124.24	124.27	123.57	124.70	123.85	125.17	124.80	125.28	125.38	125.60	126.19	125.04	125.15	124.19	124.86	124.91	125.13	124.93	124.81	123.20	125.41

"*" denotes that the ground water sample collected from Well SC-22I for VOC analyses was incorrectly identified in the field and on the laboratory analytical report as SC-22S.

SUMMARY OF HISTORICAL GROUND WATER QUALITY DATA
WELL SC-24I

DOWNGRADIENT WELL
SCREENED INTERVAL - 20 - 30 FEET BGS

Well SC-24I
[20 - 30 feet BGS]

constituent (ppb)	ICL	Aug-00	Dec-00	Aug-01	Nov-01	May-02	Dec-02	Jun-03	Nov-03	May-04	Dec-04	Jun-05	Jun-06	Oct-06	Jun-07	Oct-07	Jun-08	Nov-08	May-09	Nov-09	May-10	Nov-10	May-11
benzene	5	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
ethylbenzene	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
toluene	1,000	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
xylene	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
PCE	5	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
TCE	5	<1	**0.6(JB)**	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCE	70	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
vinyl chloride	2	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
acetone	700	**3(JB)**	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
tetrahydrofuran	154	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
2-butanone	200	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
4-methyl 2-pentanone	350	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
methylene chloride	5	**0.8(J)**	<1	<1	<1	<1	<1	<1	<10	<1	<1	<2	<5	<5	<5	<5	<5	**0.4(JB)**	<5	<5	<5	<5	<5
1,1,1-TCA	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCA	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCE	7	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCA	5	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromomethane	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloromethane	---	<1	<1	<1	**2**	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroform	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
dibromochloromethane	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromoform	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
carbon disulfide	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	**0.6(JB)**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
styrene	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroethane	14,000	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chlorobenzene	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-dichloropropane	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-trichloroethane	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-hexanone	---	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
arsenic (dissolved)	10	35	36	37.6	34.7	36.9	37	39.1	40	37.8	42.5	37.9	37.9	38.8	37.9	39.8	41.8	41.7	41.3	41	40.8	46	35.4
arsenic (total)	---	39	42	39.4	35.6	46.5	40.8	53.5	32.6	36.6	41	38.2	39.5	39.8	37.8	40.9	43.5	51.8	47.4	40.8	40.7	50.9	45.7
calcium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
iron (dissolved)	---	3,680	4,050	4,110	2,800	3,450	3,830	4,300	3,150	2,670	4,710	4,330	4,850	4,780	4,180	5,040	5,820	5,600	5,230	5,210	5,460	5,460	4,660
iron (total)	---	5,540	5,230	4,080	3,320	4,080	4,020	5,360	2,890	3,460	4,060	3,870	4,670	5,130	4,300	5,390	6,130	5,800	5,720	5,690	5,420	6,150	5,600
magnesium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
manganese (dissolved)	---	564	626	566	541	532	604	621	537	523	611	580	654	634	538	672	705	688	659	640	602	682	633
manganese (total)	---	632	657	574	551	543	621	604	550	572	562	543	618	641	549	671	717	682	643	649	602	683	651
potassium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
sodium	---	---	---	---	---	---	---	6,590	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
pH (SU)	---	6.6	7.09	6.95	7.02	7.04	6.91	7.03	7.37	7.05	6.8	6.89	6.6	7.46	7.08	6.06	6.8	6.97	6.94	6.79	6.96	6.96	6.98
SC (mS/cm)	---	0.087	0.074	0.12	0.1	0.12	0.121	0.102	0.121	0.126	0.128	0.121	0.129	0.131	0.118	0.163	0.144	0.14	0.137	0.242	0.142	0.148	0.095
Turb (NTU)	---	25	12	16	3.44	3.2	1.52	0.45	6	4.1	1.8	1.23	1.07	1.16	0.15	3.12	2.88	13.8	4.35	-1.86	0.24	3.76	4.48
DO (mg/l)	---	0.2	0.22	0.17	0.17	0.24	0.33	0.27	0.41	0.32	0.25	0.48	1.1	0.53	0.53	0.37	0.97	0.26	0.35	0.93	0.67	0.65	0.65
Eh (mv)	---	-66	-78.7	-12.5	-97.2	-72.3	-167	7.90	-110	-26	-41	-58	-61.9	-112.5	-95.2	-217.9	-85.9	-114.9	-74.4	15.5	-93.8	-96.9	-100.9
Temp (^{o}C)	---	11	8.5	10	9.5	8.9	8.6	9.6	9.3	8.9	8.4	8.8	11.22	10.44	12.35	13.62	10.55	10.06	9.45	10.3	8.85	10.77	9.01
Water Level Elevation	143.12	135.50	137.56	135.63	134.22	137.65	136.18	138.14	137.32	137.86	137.68	137.74	138.29	137.62	137.57	136.28	137.52	137.70	137.76	137.57	137.27	136.43	138.12

SUMMARY OF HISTORICAL GROUND WATER QUALITY DATA
GMP WELL B-11U

DOWNGRADIENT WELL
SCREENED INTERVAL - 4 - 52 FEET BGS

constituent (ppb)	ICL	AGQS	May-09	Nov-09	May-10	Nov-10	May-11
benzene	**5**	5	<1	<1	<1	<1	<1
ethylbenzene	---	700	<1	<1	<1	<1	<1
toluene	**1,000**	1,000	**3**	<1	<1	<1	<1
xylene	---	10,000	<3	<3	<3	<3	<3
PCE	**5**	5	<1	<1	<1	<1	<1
TCE	**5**	5	<1	<1	<1	<1	<1
1,2-DCE	**70**	70	<1	<1	<1	<1	<1
vinyl chloride	**2**	2	<1	<1	<1	<1	<1
acetone	**700**	6,000	<5	<5	<5	<5	<5
tetrahydrofuran	**154**	154	<5	<5	<5	<5	<5
2-butanone	**200**	---	<5	<5	<5	<5	<5
4-methyl 2-pentanone	**350**	---	<5	<5	<5	<5	<5
methylene chloride	**5**	5	<5	<5	<5	<5	<5
1,1,1-TCA	---	200	<1	<1	<1	<1	<1
1,1-DCA	---	81	<1	<1	<1	<1	<1
1,1-DCE	**7**	7	<1	<1	<1	<1	<1
1,2-DCA	**5**	5	<1	<1	<1	<1	<1
bromomethane	---	10	<1	<1	<1	<1	<1
chloromethane	---	30	<1	<1	<1	<1	<1
chloroform	---	70	<1	<1	<1	<1	<1
dibromochloromethane	---	60	<1	<1	<1	<1	<1
bromoform	---	4	<1	<1	<1	<1	<1
carbon disulfide	---	70	<1	<1	<1	<1	<1
styrene	---	100	<1	<1	<1	<1	<1
chloroethane	**14,000**	---	<1	<1	<1	<1	<1
chlorobenzene	---	100	<1	<1	<1	<1	<1
1,2-dichloropropane	---	5	<1	<1	<1	<1	<1
1,1,2-trichloroethane	---	5	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	---	---	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	---	---	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	---	2	<1	<1	<1	<1	<1
2-hexanone	---	---	<5	<5	<5	<5	<5
GMP constituents							
cis-1,2-DCE	**70**	70	<1	<1	<1	<1	<1
trans-1,2-DCE	---	100	<1	<1	<1	<1	<1
dichlorodifluoromethane	---	1,000	<2	<2	<2	<2	<2
isopropylbenzene	---	800	<1	<1	<1	<1	<1
n-propylbenzene	---	260	<1	<1	<1	<1	<1
1,3,5-trimethylbenzene	---	330	<1	<1	<1	<1	<1
tert-butylbenzene	---	260	<1	<1	<1	<1	<1
1,2,4-trichlorobenzene	---	70	<1	<1	<1	<1	<1
sec-butylbenzene	---	260	<1	<1	<1	<1	<1
1,3-dichlorobenzene	---	600	<1	<1	<1	<1	<1
p-isopropyltoluene	---	260	<1	<1	<1	<1	<1
1,4-dichlorobenzene	---	75	<1	<1	<1	<1	<1
1,2-dichlorobenzene	---	600	<1	<1	<1	<1	<1
n-butylbenzene	---	260	<1	<1	<1	<1	<1
1,2,4-trimethylbenzene	---	330	<1	<1	<1	<1	<1
naphthalene	---	20	<1	<1	<1	<1	<1
methyl tert-butyl ether	---	13	<1	<1	<1	<1	<1
diethyl ether	---	1,400	<1	<1	<1	<1	<1
ethyl tertiary-butyl ether	---	40	<1	<1	<1	<1	<1
di-isopropyl ether	---	120	<1	<1	<1	<1	<1
tertiary-butyl alcohol	---	40	<5	<5	<5	<5	<5
1,4-dioxane	---	3	<2	<2	<2	<2	<2
arsenic (dissolved)	**10**	10	11	13	15	<8	11
arsenic (total)	---	---	11	14	13	<8	11
calcium	---	---	---	---	---	---	---
iron (dissolved)	---	---	5,420	8,790	6,330	8,280	6,960
iron (total)	---	---	5,620	9,540	6,180	8,440	7,310
magnesium	---	---	---	---	---	---	---
manganese (dissolved)	---	840	34	66.4	44	46	34
manganese (total)	---	---	35	70.3	43	47.2	35
potassium	---	35,000	---	---	---	---	---
sodium	---	---	---	---	---	---	---
pH (SU)	---	---	5.3	5.46	5.31	5.82	5.64
SC (mS/cm)	---	---	0.044	0.044	0.037	0.045	0.055
Turb (NTU)	---	---	3.27	1.27	0.41	3.8	0
DO (mg/l)	---	---	0.83	0.16	0.33	0.95	0.39
Eh (mv)	---	---	140.5	20.5	84	92.2	66.6
Temp (^{o}C)	---	---	10.75	11.47	10.07	11.78	10.62
Water Level Elevation	151.05	NA	148.34	148.18	147.50	145.93	148.49

SUMMARY OF HISTORICAL GROUND WATER QUALITY DATA
GMP WELL MW-108UUI

DOWNGRADIENT WELL
SCREENED INTERVAL - 31 - 36 FEET BGS

constituent (ppb)	ICL	AGQS	Nov-09	May-10	Nov-10	May-11
benzene	5	5	<1	<1	<1	<1
ethylbenzene	---	700	**0.2(J)**	<1	<1	<1
toluene	1,000	1,000	<1	<1	<1	<1
xylene	---	10,000	<1	<1	<1	<3
PCE	5	5	<1	<1	<1	<1
TCE	5	5	<1	<1	<1	<1
1,2-DCE	70	70	<1	<1	<1	<1
vinyl chloride	2	2	<1	<1	<1	<1
acetone	700	6,000	<5	<5	<5	<5
tetrahydrofuran	154	154	<5	<5	<5	<5
2-butanone	200	---	<5	<5	<5	<5
4-methyl 2-pentanone	350	---	<5	<5	<5	<5
methylene chloride	5	5	<5	<5	<5	<5
1,1,1-TCA	---	200	<1	<1	<1	<1
1,1-DCA	---	81	<1	<1	<1	<1
1,1-DCE	7	7	<1	<1	<1	<1
1,2-DCA	5	5	<1	<1	<1	<1
bromomethane	---	10	<1	<1	<1	<1
chloromethane	---	30	<1	<1	<1	<1
chloroform	---	70	<1	<1	<1	<1
dibromochloromethane	---	60	<1	<1	<1	<1
bromoform	---	4	<1	<1	<1	<1
carbon disulfide	---	70	**0.5(JB)**	<1	<1	<1
styrene	---	100	<1	<1	<1	<1
chloroethane	14,000	---	<1	<1	<1	<1
chlorobenzene	---	100	<1	<1	<1	<1
1,2-dichloropropane	---	5	<1	<1	<1	<1
1,1,2-trichloroethane	---	5	<1	<1	<1	<1
cis-1,3-dichloropropene	---	---	<1	<1	<1	<1
trans-1,3-dichloropropene	---	---	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	---	2	<1	<1	<1	<1
2-hexanone	---	---	<5	<5	<5	<5
GMP constituents						
cis-1,2-DCE	70	70	<1	<1	<1	<1
trans-1,2-DCE	---	100	<1	<1	<1	<1
dichlorodifluoromethane	---	1,000	<2	<2	<2	<2
isopropylbenzene	---	800	<1	<1	<1	<1
n-propylbenzene	---	260	<1	<1	<1	<1
1,3,5-trimethylbenzene	---	330	<1	<1	<1	<1
tert-butylbenzene	---	260	<1	<1	<1	<1
1,2,4-trichlorobenzene	---	70	<1	<1	<1	<1
sec-butylbenzene	---	260	<1	<1	<1	<1
1,3-dichlorobenzene	---	600	<1	<1	<1	<1
p-isopropyltoluene	---	260	<1	<1	<1	<1
1,4-dichlorobenzene	---	75	<1	<1	<1	<1
1,2-dichlorobenzene	---	600	<1	<1	<1	<1
n-butylbenzene	---	260	<1	<1	<1	<1
1,2,4-trimethylbenzene	---	330	<1	<1	<1	<1
naphthalene	---	20	<1	<1	<1	<1
methyl tert-butyl ether	---	13	<1	<1	<1	<1
diethyl ether	---	1,400	<1	<1	<1	<1
ethyl tertiary-butyl ether	---	40	<1	<1	<1	<1
di-isopropyl ether	---	120	<1	<1	<1	<1
tertiary-butyl alcohol	---	40	<5	<5	<5	<5
1,4-dioxane	---	3	<2	<2	<2	<2
arsenic (dissolved)	10	10	3.9(B)	<8	<8	<8
arsenic (total)	---	---	2.7(B)	<8	<8	<8
calcium	---	---	---	---	---	---
iron (dissolved)	---	---	12,500	13,000	12,700	13,303
iron (total)	---	---	12,700	12,800	13,200	13,000
magnesium	---	---	---	---	---	---
manganese (dissolved)	---	840	283	298	297	293
manganese (total)	---	---	280	294	309	285
potassium	---	35,000	---	---	---	---
sodium	---	---	---	---	---	---
pH (SU)	---	---	6.41	6.46	6.38	6.57
SC (mS/cm)	---	---	0.189	0.103	0.102	0.106
Turb (NTU)	---	---	4.1	3.18	---	0.42
DO (mg/l)	---	---	0.88	0.42	0.37	0.71
Eh (mv)	---	---	53	-64.9	-48.8	-43.3
Temp (^{o}C)	---	---	10.13	9.1	11.50	9.43
Water Level Elevation	---		---	---	---	---

SUMMARY OF GROUND WATER ANALYTICAL DATA
GMP WELL MW-201(I)

SOUTHERN PLUME WELL
SCREENED INTERVAL - 35-45 FEET BGS

constituent (ppb)	ICL	AGQS	Nov-07	May-09	Nov-09	May-10	Nov-10	May-11
benzene	**5**	5	<1	<1	<1	<1	<1	<1
ethylbenzene	---	700	<1	<1	<1	<1	<1	<1
toluene	**1,000**	1,000	<1	<1	<1	<1	<1	<1
xylenes (total)	---	10,000	<3	<3	<3	<3	<3	<3
PCE	**5**	5	<1	<1	<1	<1	<1	<1
TCE	**5**	5	<1	<1	<1	<1	<1	<1
1,2-DCE	**70**	70	<1	<1	<1	<1	<1	<1
vinyl chloride	**2**	2	<2	<1	<1	<1	<1	<1
acetone	**700**	6,000	<5	<5	<5	<5	<5	<5
tetrahydrofuran	**154**	154	<5	<5	<5	<5	<5	<5
2-butanone	**200**	---	<5	<5	<5	<5	<5	<5
4-methyl 2-pentanone	**350**	---	<5	<5	<5	<5	<5	<5
methylene chloride	**5**	5	<5	<5	<5	<5	<5	<5
1,1,1-TCA	---	200	<1	<1	<1	<1	<1	<1
1,1-DCA	---	81	<1	<1	<1	<1	<1	<1
1,1-DCE	**7**	7	<1	<1	<1	<1	<1	<1
1,2-DCA	**5**	5	<1	<1	<1	<1	<1	<1
bromomethane	---	10	<2	<1	<1	<1	<1	<1
chloromethane	---	30	<2	<1	<1	<1	<1	<1
chloroform	---	70	<1	<1	<1	<1	<1	<1
dibromochloromethane	---	60	<1	<1	<1	<1	<1	<1
bromoform	---	4	<1	<1	<1	<1	<1	<1
carbon disulfide	---	70	<1	<1	<1	<1	<1	<1
styrene	---	100	<1	<1	<1	<1	<1	<1
chloroethane	**14,000**	---	<2	<1	<1	<1	<1	<1
chlorobenzene	---	100	<1	<1	<1	<1	<1	<1
1,2-dichloropropane	---	5	<1	<1	<1	<1	<1	<1
1,1,2-trichloroethane	---	5	<1	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	---	---	<1	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	---	---	<1	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	---	2	<1	<1	<1	<1	<1	<1
2-hexanone	---	---	<5	<5	<5	<5	<5	<5
GMP constituents								
cis-1,2-DCE	**70**	70	---	<1	<1	<1	<1	<1
trans-1,2-DCE	---	100	---	<1	<1	<1	<1	<1
dichlorodifluoromethane	---	1,000	---	<2	<2	<2	<2	<2
isopropylbenzene	---	800	---	<1	<1	<1	<1	<1
n-propylbenzene	---	260	---	<1	<1	<1	<1	<1
1,3,5-trimethylbenzene	---	330	---	<1	<1	<1	<1	<1
tert-butylbenzene	---	260	---	<1	<1	<1	<1	<1
1,2,4-trichlorobenzene	---	70	---	<1	<1	<1	<1	<1
sec-butylbenzene	---	260	---	<1	<1	<1	<1	<1
1,3-dichlorobenzene	---	600	---	<1	<1	<1	<1	<1
p-isopropyltoluene	---	260	---	<1	<1	<1	<1	<1
1,4-dichlorobenzene	---	75	---	<1	<1	<1	<1	<1
1,2-dichlorobenzene	---	600	---	<1	<1	<1	<1	<1
n-butylbenzene	---	260	---	<1	<1	<1	<1	<1
1,2,4-trimethylbenzene	---	330	---	<1	<1	<1	<1	<1
naphthalene	---	20	---	<1	<1	<1	<1	<1
methyl tert-butyl ether	---	13	---	<1	<1	<1	<1	<1
diethyl ether	---	1,400	---	<1	<1	<1	<1	<1
ethyl tertiary-butyl ether	---	40	---	<1	<1	<1	<1	<1
di-isopropyl ether	---	120	---	<1	<1	<1	<1	<1
tertiary-butyl alcohol	---	40	---	<5	<5	<5	<5	<5
1,4-dioxane	---	3	---	<2	<2	<2	<2	<2
arsenic (dissolved)	**10**	10	102	112	111	102	109	102
arsenic (total)	---	---	108	111	110	103	109	104
calcium	---	---	---	---	---	---	---	---
iron (dissolved)	---	---	35.2 B	<100	<100	<100	<100	<100
iron (total)	---	---	287	114	150	<100	<100	<100
magnesium	---	---	---	---	---	---	---	---
manganese (dissolved)	---	840	76.3	84	85.1	83	83.3	80
manganese (total)	---	---	91.0	86	86.5	77	83.8	83
potassium	---	35,000	---	---	---	---	---	---
sodium	---	---	---	---	---	---	---	---
pH (SU)	---	---	8.14	7.42	8	8.2	8.18	8.21
SC (mS/cm)	---	---	0.172	0.182	0.197	0.177	0.181	0.177
Turb (NTU)	---	---	5.5	2.65	1.14	0.48	3.5	2.41
DO (mg/l)	---	---	0.55	0.48	0.23	0.16	0.51	0.27
ORP (mv)	---	---	-108	-57.8	-52.3	-171.4	-89.4	-84
Temp (^{o}C)	---	---	6.49	11.94	9.08	9.58	10.18	9.18
Water Level Elevation	NA	NA	---	---	---	---	---	---

SUMMARY OF HISTORICAL GROUND WATER QUALITY DATA
GMP WELL SB-D3(I)

SOUTHERN PLUME WELL
SCREENED INTERVAL - 35 - 45 FEET BGS

constituent (ppb)	ICL	AGQS	Nov-07	Apr-09	May-09	Apr-10	May-10	Nov-10	Apr-11	May-11
benzene	**5**	5	<1	<1	<1	<1	<1	<1	<1	<1
ethylbenzene	---	700	<1	<1	<1	<1	<1	<1	<1	<1
toluene	**1,000**	1,000	<1	<1	<1	<1	<1	<1	<1	<1
xylenes (total)	---	10,000	<3	<3	<3	<3	<3	<3	<3	<3
PCE	**5**	5	<1	<1	<1	<1	<1	<1	<1	<1
TCE	**5**	5	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCE	**70**	70	<1	<1	<1	<2	<1	<1	<1	<1
vinyl chloride	**2**	2	<2	<2	<1	<2	<1	<1	<1	<1
acetone	**700**	6,000	<5	<5	<5	<5	<5	<5	<5	<5
tetrahydrofuran	**154**	154	<5	<5	<5	<5	<5	<5	<5	<5
2-butanone	**200**	---	<5	<5	<5	<5	<5	<5	<5	<5
4-methyl 2-pentanone	**350**	---	<5	<5	<5	<5	<5	<5	<5	<5
methylene chloride	**5**	5	<5	<5	<5	<5	<5	<5	<5	<5
1,1,1-TCA	---	200	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCA	---	81	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCE	**7**	7	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCA	**5**	5	<1	<1	<1	<1	<1	<1	<1	<1
bromomethane	---	10	<2	<2	<1	<2	<1	<1	<1	<1
chloromethane	---	30	<2	<2	<1	<2	<1	<1	<1	<1
chloroform	---	70	<1	<1	<1	<1	<1	<1	<1	<1
dibromochloromethane	---	60	<1	<1	<1	<1	<1	<1	<1	<1
bromoform	---	4	<1	<1	<1	<1	<1	<1	<1	<1
carbon disulfide	---	70	<1	<1	<1	<1	<1	<1	<1	<1
styrene	---	100	<1	<1	<1	<1	<1	<1	<1	<1
chloroethane	**14,000**	---	<2	<2	<1	<2	<1	<1	<1	<1
chlorobenzene	---	100	<1	<1	<1	<1	<1	<1	<1	<1
1,2-dichloropropane	---	5	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-trichloroethane	---	5	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	---	---	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	---	---	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	---	2	<1	<1	<1	<1	<1	<1	<1	<1
2-hexanone	---	---	<5	<5	<5	<5	<5	<5	<5	<5
GMP constituents										
cis-1,2-DCE	**70**	70	---	---	<1	<1	<1	<1	<1	<1
trans-1,2-DCE	---	100	---	---	<1	<1	<1	<1	<1	<1
dichlorodifluoromethane	---	1,000	---	---	<2	---	<2	<2	---	<2
isopropylbenzene	---	800	---	---	<1	---	<1	<1	---	<1
n-propylbenzene	---	260	---	---	<1	---	<1	<1	---	<1
1,3,5-trimethylbenzene	---	330	---	---	<1	<1	<1	<1	<1	<1
tert-butylbenzene	---	260	---	---	<1	---	<1	<1	---	<1
1,2,4-trichlorobenzene	---	70	---	---	<1	---	<1	<1	---	<1
sec-butylbenzene	---	260	---	---	<1	---	<1	<1	---	<1
1,3-dichlorobenzene	---	600	---	---	<1	---	<1	<1	---	<1
p-isopropyltoluene	---	260	---	---	<1	---	<1	<1	---	<1
1,4-dichlorobenzene	---	75	---	---	<1	<1	<1	<1	<1	<1
1,2-dichlorobenzene	---	600	---	---	<1	<1	<1	<1	<1	<1
n-butylbenzene	---	260	---	---	<1	---	<1	<1	---	<1
1,2,4-trimethylbenzene	---	330	---	---	<1	<1	<1	<1	<1	<1
naphthalene	---	20	---	---	<1	---	<1	<1	---	<1
methyl tert-butyl ether	---	13	---	---	<1	<1	<1	<1	<1	<1
diethyl ether	---	1,400	---	---	<1	---	<1	<1	---	<1
ethyl tertiary-butyl ether	---	40	---	---	<1	---	<1	<1	---	<1
di-isopropyl ether	---	120	---	---	<1	---	<1	<1	---	<1
tertiary-butyl alcohol	---	40	---	---	<5	---	<5	<5	---	<5
1,4-dioxane	---	3	---	---	<10	---	<2	<2	---	<2
arsenic (dissolved)	**10**	10	63.9	47.8	56	32.4	55	<8	4.9(J)	27
arsenic (total)	---	---	68.6	47.1	58	38.9	55	<8	6.4(J)	27
calcium	---	---	---	---	---	---	---	---	---	---
iron (dissolved)	---	---	2,690	3,570	2,980	---	2,590	212	212	6,040
iron (total)	---	---	3,290	3,690	2,990	---	2,850	210	210	6,130
magnesium	---	---	---	---	---	---	---	---	---	---
manganese (dissolved)	---	840	504	---	424	---	397	216	216	294
manganese (total)	---	---	498	---	430	---	436	200	200	291
potassium	---	35,000	---	---	---	---	---	---	---	---
sodium	---	---	---	---	---	---	---	---	---	---
pH (SU)	---	---	9.09	6.94	7.03	6.33	7.1	6.80	6.96	6.64
SC (mS/cm)	---	---	0.128	0.118	0.122	0.113	0.115	0.084	0.051	0.125
Turb (NTU)	---	---	92.1	57.7	0.61	11.3	1.26	0.69	4.08	2.69
DO (mg/l)	---	---	0.15	0.29	0.41	0.24	0.52	0.31	1.07	0.31
Eh (mv)	---	---	-65	-83	-94.9	29	-123	54.1	54.2	-99.2
Temp (^{o}C)	---	---	9.88	12.49	8.29	7.34	9.57	9.71	6.57	10.97
Water Level Elevation	NA	NA	---	---	---	---	---	---	---	---

SUMMARY OF HISTORICAL GROUND WATER QUALITY DATA
GMP WELL SB-10D

DOWNGRADIENT WELL
SCREENED INTERVAL - 54 - 64 FEET BGS

constituent (ppb)	ICL	AGQS	Apr-93	Jul-93	Oct-93	May-04	Dec-04	May-05	Oct-05	Jun-06	Oct-06	Jun-07	Oct-07	May-09	Nov-09	May-10	Nov-10	May-11
benzene	**5**	5	<0.2	<0.2	<0.2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
ethylbenzene	**---**	700	<0.3	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
toluene	**1,000**	1,000	<0.2	<0.2	**0.2**	<1	<3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
xylene	**---**	10,000	<0.7	<0.7	<0.7	<1	<1	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
PCE	**5**	5	<0.4	<0.4	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
TCE	**5**	5	<0.3	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCE	**70**	70	<0.4	<0.4	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
vinyl chloride	**2**	2	<0.4	<0.4	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
acetone	**700**	6,000	---	**2**	<5	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
tetrahydrofuran	**154**	154	<1	<1	<1	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
2-butanone	**200**	---	---	<5	<5	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
4-methyl 2-pentanone	**350**	---	---	<5	**2(J)**	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
methylene chloride	**5**	5	<1	<1	<1	<1	<1	<2	<2	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,1,1,-TCA	**---**	200	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCA	**---**	81	<0.3	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCE	**7**	7	<1.3	<1.3	<1.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCA	**5**	5	<0.7	<0.7	<0.7	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromomethane	**---**	10	<0.3	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloromethane	**---**	30	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroform	**---**	70	<0.7	<0.7	<0.7	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
dibromochloromethane	**---**	60	<0.3	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromoform	**---**	4	<0.3	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
carbon disulfide	**---**	70	---	<5	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
styrene	**---**	100	<0.4	<0.4	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroethane	**14,000**	---	<0.4	<0.4	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chlorobenzene	**---**	100	<0.2	<0.2	<0.2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-dichloropropane	**---**	5	<0.3	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-trichloroethane	**---**	5	<0.2	<0.2	<0.2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	**---**	---	<0.4	<0.4	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	**---**	---	<0.4	<0.4	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	**---**	2	<0.3	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-hexanone	**---**	---	---	<5	<5	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
GMP constituents																		
cis-1,2-dichloroethylene	**---**	70	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
trans-1,2-dichloroethylene	**---**	100	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
dichlorodifluoromethane	---	1,000	---	---	---	---	---	---	---	---	---	---	---	<2	<2	<2	<2	<2
isopropylbenzene	---	800	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
n-propylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,3,5-trimethylbenzene	---	330	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
tert-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,2,4-trichlorobenzene	---	70	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
sec-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,3-dichlorobenzene	---	600	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
p-isopropyltoluene	**---**	260	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,4-dichlorobenzene	**---**	75	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,2-dichlorobenzene	**---**	600	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
n-butylbenzene	**---**	260	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,2,4-trimethylbenzene	**---**	330	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
naphthalene	**---**	20	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
methyl tert-butyl ether	**---**	13	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
diethyl ether	**---**	1,400	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
ethyl tertiary-butyl ether	**---**	40	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
di-isopropyl ether	**---**	120	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
tertiary-butyl alcohol	**---**	40	---	---	---	---	---	---	---	---	---	---	---	<5	<5	<5	<5	<5
1,4-dioxane	**---**	3	---	---	---	---	---	---	---	---	---	---	---	<2	<2	<2	<2	<2
arsenic (dissolved)	**10**	10	---	93.5(B)	---	88	89.5	94	79.2	94	88	92.3	94	79	88	91	94	88
arsenic (total)	**---**	---	---	---	---	88	85.5	103	78.8	91	89	98.9	90.6	88	91	88	96	92
calcium	**---**	---	---	12,400	---	---	---	---	---	---	---	---	---	---	---	---	---	---
iron (dissolved)	**---**	---	---	1,840	---	1,400	1,560	1,480	1,490	1,620	1,720	1,430	1,970	956	1,940	1,550	1,970	1,410
iron (total)	**---**	---	---	---	---	1,500	1,600	1,800	1,580	1,630	1,790	1,740	1,900	1,550	1,960	1,550	2,070	1,490
magnesium	**---**	---	---	5,740	---	---	---	---	---	---	---	---	---	---	---	---	---	---
manganese (dissolved)	**---**	840	---	346	---	440	426	394	385	437	441	436	462	356	409	406	454	370
manganese (total)	**---**	---	---	---	---	470	434	450	405	434	440	430	441	409	419	398	470	380
potassium	**---**	35,000	---	2,610(B)	---	---	---	---	---	---	---	---	---	---	---	---	---	---
sodium	**---**	---	---	12,500	---	---	---	---	---	---	---	---	---	---	---	---	---	---
pH (SU)	**---**	---	---	---	---	---	7.34	6.37	7.38	7.03	7.05	7.28	7.33	7.10	7.07	7.11	7.37	7.25
SC (mS/cm)	**---**	---	---	---	---	---	0.139	0.161	0.171	0.173	0.174	0.171	0.119	0.175	0.19	0.172	0.172	1.88
Turb (NTU)	**---**	---	---	---	---	---	0.98	1.48	1.64	0.86	1.31	2.82	0.34	-4.44	2.81	0.03	1.3	1.61
DO (mg/l)	**---**	---	---	---	---	---	0.15	0.46	0.14	0.95	0.42	0.3	0.30	0.89	0.81	NM	0.65	0.29
Eh (mv)	**---**	---	---	---	---	---	121	-61.7	-150.2	-48.5	-138.1	-130.2	-317.8	-80.8	-120.5	-145.2	-142.1	-127.2
Temp (^{o}C)	**---**	---	---	---	---	---	8.42	9.58	9.19	14	10.53	9.66	10.29	10.85	9.5	9.22	9.86	8.93
Water Level Elevation	149.39	NA	---	---	---	---	146.73	146.96	146.85	147.31	146.61	146.77	145.91	146.98	147.24	146.51	146.27	147.64

SUMMARY OF HISTORICAL GROUND WATER QUALITY DATA
GMP WELL SC-2UUI

LANDFILL PERIMETER WELL
SCREENED INTERVAL - 4 - 9 FEET BGS

constituent (ppb)	ICL	AGQS	Jun-01	Jun-05	Nov-06	May-09	Nov-09	May-10	Nov-10	May-11
benzene	**5**	5	**4**	**6**	**5**	**6**	**7**	**8**	**8**	**9**
ethylbenzene	---	700	**3**	**10**	**10**	**13**	**12**	**8**	**17**	**19**
toluene	**1,000**	1,000	**2**	**2**	**2**	**1**	**1**	**2**	**1**	**1**
xylene	---	10,000	**4**	**15**	**12**	**15**	**14**	**8**	**19**	**15**
PCE	**5**	5	<1	<1	<1	<1	<1	<1	<1	<1
TCE	**5**	5	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCE	**70**	70	**2**	**5**	**2**	**2**	**3**	**4**	**3**	**1**
vinyl chloride	**2**	2	<1	<1	<1	<1	<1	**2**	<1	<2
acetone	**700**	6,000	<5	<5	**12**	**6**	**9**	**41**	**9**	**8**
tetrahydrofuran	**154**	154	**170**	**160**	**100**	**110**	**140**	**330**	**180**	**180**
2-butanone	**200**	---	<5	<5	<5	<5	<1	<1	<5	<5
4-methyl 2-pentanone	**350**	---	<5	<5	<5	<5	<1	<1	<5	<5
methylene chloride	**5**	5	<1	<2	<5	<5	<1	<1	<5	<5
1,1,1-TCA	---	200	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCA	---	81	**1**	**2**	**2**	**1**	**2**	**3**	**2**	<1
1,1-DCE	**7**	7	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCA	**5**	5	**2**	**2**	**2**	**1**	**1**	**2**	**1**	**1**
bromomethane	---	10	<1	<1	<1	<1	<1	<1	<1	<2
chloromethane	---	30	<1	<1	<1	<1	<1	<1	<1	<2
chloroform	---	70	<1	<1	<1	<1	<1	<1	<1	<1
dibromochloromethane	---	60	<1	<1	<1	<1	<1	<1	<1	<1
bromoform	---	4	<1	<1	<1	<1	<1	<1	<1	<1
carbon disulfide	---	70	<1	<1	<1	<1	<1	<1	<1	<1
styrene	---	100	<1	<1	<1	<1	<1	<1	<1	<1
chloroethane	**14,000**	---	<1	<1	<1	<1	<1	<1	<1	<2
chlorobenzene	---	100	**1(J)**	<1	**3**	**4**	**4**	**2**	**5**	**6**
1,2-dichloropropane	---	5	**0.7(J)**	<1	<1	<1	<1	<1	<1	<1
1,1,2-trichloroethane	---	5	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	---	---	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	---	---	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	---	2	<1	<1	<1	<1	<1	<1	<1	<1
2-hexanone	---	---	<5	<5	<5	<5	<5	<5	<5	<5
GMP constituents										
cis-1,2-DCE	**70**	70	---	---	---	**2**	**2**	**4**	**2**	**1**
trans-1,2-DCE	---	100	---	---	---	**0.6(J)**	<1	<1	<1	<1
dichlorodifluoromethane	---	1,000	---	---	---	<2	<2	<2	<2	<2
isopropylbenzene	---	800	---	---	---	**14**	**15**	**10**	**16**	**17**
n-propylbenzene	---	260	---	---	---	<1	<1	<1	<1	<1
1,3,5-trimethylbenzene	---	330	---	---	---	<1	<1	<1	<1	<1
tert-butylbenzene	---	260	---	---	---	<1	<1	<1	<1	<1
1,2,4-trichlorobenzene	---	70	---	---	---	<1	<1	<1	<1	<1
sec-butylbenzene	---	260	---	---	---	<1	<1	<1	<1	<1
1,3-dichlorobenzene	---	600	---	---	---	<1	<1	<1	<1	<1
p-isopropyltoluene	---	260	---	---	---	**1**	**1**	<1	<1	**1**
1,4-dichlorobenzene	---	75	---	---	---	<1	<1	<1	<1	<1
1,2-dichlorobenzene	---	600	---	---	---	<1	<1	<1	<1	<1
n-butylbenzene	---	260	---	---	---	<1	<1	<1	<1	<1
1,2,4-trimethylbenzene	---	330	---	---	---	**0.5(J)**	<1	<1	<1	<1
naphthalene	---	20	---	---	---	<1	<1	<1	**2**	<1
methyl tert-butyl ether	---	13	---	---	---	**0.9(J)**	<1	<1	<1	<1
diethyl ether	---	1,400	---	---	---	**80**	**89**	**100**	**92**	**75**
ethyl tertiary-butyl ether	---	40	---	---	---	<1	<1	<1	<1	<1
di-isopropyl ether	---	120	---	---	---	**0.4(J)**	<1	<1	<1	<1
tertiary-butyl alcohol	---	40	---	---	---	**250**	<5	**170**	**170**	**150**
1,4-dioxane	---	3	---	---	---	**100**	**91**	**100**	**100**	**130**
arsenic (dissolved)	**10**	10	10	12	16	12.5	15	25	18	15
arsenic (total)	---	---	10	13	17	12.2	13	26	17	14
calcium	---	---	---	---	---	---	---	---	---	---
iron (dissolved)	---	---	106,000	84,300	79,800	69,600	71,500	87,700	68,900	72,100
iron (total)	---	---	110,000	89,600	79,800	67,400	70,300	89,300	70,900	71,300
magnesium	---	---	---	---	---	---	---	---	---	---
manganese (dissolved)	---	840	3,440	2,540	2,310	2,010	1,910	2,600	1,900	1,840
manganese (total)	---	---	3,540	2,640	2,300	1,960	1,860	2,680	1,930	1,820
pH (SU)	---	---	5.47	5.67	5.27	5.91	5.84	5.97	5.91	6.04
SC (mS/cm)	---	---	1.065	1.622	1.673	1.449	2.043	1.582	1.446	1.517
Turb (NTU)	---	---	---	1.37	0	2.79	1.26	14.3	9.31	1.52
DO (mg/l)	---	---	0.13	0.71	0.6	0.36	0.57	0.83	0.53	2.55
Eh (mv)	---	---	13.2	2.8	-15.3	-19.9	92.7	-48.5	-28.9	---
Temp (^{o}C)	---	---	10.42	8.77	12.13	8.35	10.69	8.34	11.14	7.73
Water Level Elevation	153.49	NA	150.09	149.68	149.31	152.53	---	---	---	---

SUMMARY OF HISTORICAL GROUND WATER QUALITY DATA
GMP WELL SC-3UUI

LANDFILL PERIMETER WELL
SCREENED INTERVAL - 8.5 - 13.5 FEET BGS

constituent (ppb)	ICL	AGQS	Jun-01	Jun-05	Jun-07	Jun-08	Nov-08	May-09	Nov-09	May-10	Nov-10	May-11
benzene	**5**	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
ethylbenzene	---	700	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
toluene	**1,000**	1,000	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
xylene	---	10,000	<1	<3	<3	<3	<3	<3	<3	<3	<3	<3
PCE	**5**	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
TCE	**5**	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCE	**70**	70	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2
vinyl chloride	**2**	2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2
acetone	**700**	6,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
tetrahydrofuran	**154**	154	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
2-butanone	**200**	---	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
4-methyl 2-pentanone	**350**	---	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
methylene chloride	**5**	5	<1	<2	<5	<5	<5	<5	<5	<5	<5	<5
1,1,1-TCA	---	200	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCA	---	81	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCE	**7**	7	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCA	**5**	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromomethane	---	10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2
chloromethane	---	30	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2
chloroform	---	70	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
dibromochloromethane	---	60	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromoform	---	4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
carbon disulfide	---	70	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
styrene	---	100	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroethane	**14,000**	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2
chlorobenzene	---	100	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-dichloropropane	---	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-trichloroethane	---	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	---	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	---	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	---	2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-hexanone	---	---	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
GMP constituents												
cis-1,2-DCE	**70**	70	---	---	---	---	---	<1	<1	<1	<1	<1
trans-1,2-DCE	---	100	---	---	---	---	---	<1	<1	<1	<1	<1
dichlorodifluoromethane	---	1,000	---	---	---	---	---	<2	<2	<2	<2	<2
isopropylbenzene	---	800	---	---	---	---	---	<1	<1	<1	<1	<1
n-propylbenzene	---	260	---	---	---	---	---	<1	<1	<1	<1	<1
1,3,5-trimethylbenzene	---	330	---	---	---	---	---	<1	<1	<1	<1	<1
tert-butylbenzene	---	260	---	---	---	---	---	<1	<1	<1	<1	<1
1,2,4-trichlorobenzene	---	70	---	---	---	---	---	<1	<1	<1	<1	<1
sec-butylbenzene	---	260	---	---	---	---	---	<1	<1	<1	<1	<1
1,3-dichlorobenzene	---	600	---	---	---	---	---	<1	<1	<1	<1	<1
p-isopropyltoluene	---	260	---	---	---	---	---	<1	<1	<1	<1	<1
1,4-dichlorobenzene	---	75	---	---	---	---	---	<1	<1	<1	<1	<1
1,2-dichlorobenzene	---	600	---	---	---	---	---	<1	<1	<1	<1	<1
n-butylbenzene	---	260	---	---	---	---	---	<1	<1	<1	<1	<1
1,2,4-trimethylbenzene	---	330	---	---	---	---	---	<1	<1	<1	<1	<1
naphthalene	---	20	---	---	---	---	---	<1	<1	<1	<1	<1
methyl tert-butyl ether	---	13	---	---	---	---	---	<1	<1	<1	<1	<1
diethyl ether	---	1,400	---	---	---	---	---	<1	<1	<1	<1	<1
ethyl tertiary-butyl ether	---	40	---	---	---	---	---	<1	<1	<1	<1	<1
di-isopropyl ether	---	120	---	---	---	---	---	<1	<1	<1	<1	<1
tertiary-butyl alcohol	---	40	---	---	---	---	---	<5	<5	<5	<5	<5
1,4-dioxane	---	3	---	---	---	---	---	<2	<2	<2	<2	<2
arsenic (dissolved)	**10**	10	<8	<8	<8	<8	<8	<8	<8	<8	<8	<8
arsenic (total)	---	---	<8	<8	<8	<8	<8	<8	<8	<8	<8	<8
iron (dissolved)	---	---	5,210	8,060	6,290	3,930	3,000	3,240	4,410	12,800	3,090	3,560
iron (total)	---	---	8,930	7,980	6,170	4,060	2,960	3,510	4,340	12,700	3,300	3,640
manganese (dissolved)	---	840	51.3	71.2	61.5	34.2	31.6	31	46.4	181	29.2	32
manganese (total)	---	---	49.8	69.5	60.6	36.2	30.6	33	42.1	181	32.3	33
pH (SU)	---	---	4.86	5.02	5.15	5.21	5.32	5.09	5.23	5.82	5.28	5.20
SC (mS/cm)	---	---	0.07	0.199	0.148	0.077	0.094	0.094	0.129	0.141	0.084	0.095
Turb (NTU)	---	---	0.6	1.05	0.72	1.49	1.07	0.37	4.74	0.86	2.49	0.30
DO (mg/l)	---	---	0.08	0.83	0.22	0.13	0.2	0.81	0.27	0.43	0.29	0.22
Eh (mv)	---	---	0.1	86.2	103.4	85.6	75.8	116.3	72	-74.8	83.2	71.8
Temp (^{o}C)	---	---	9.54	7.6	9.48	10.16	11.12	8.38	10.29	9.24	11.82	7.99
Water Level Elevation	154.96	NA	151.71	152.03	151.91	151.89	151.93	151.94	151.73	150.69	151.17	151.99

SUMMARY OF HISTORICAL GROUND WATER QUALITY DATA
GMP WELL SC-10UUI

LANDFILL PERIMETER WELL
SCREENED INTERVAL - 24 - 29 FEET BGS

GMP Well SC-10UUI
[24 - 29 feet BGS]

constituent (ppb)	ICL	AGQS	Oct-93	Dec-93	Dec-95	Jun-96	Dec-96	Jun-97	Dec-97	May-98	Nov-98	May-99	Dec-99	Aug-00	Dec-00	Jul-01	Nov-01	May-02	Dec-02	Jun-03	Nov-03	May-04	Dec-04	May-05	Jun-06	Nov-06	Jun-07	Oct-07	Jun-08	Nov-08	May-09*	Nov-09	May-10	Nov-10	May-11
benzene	5	5	<100	<130	34	25	31	36	34	34	32	38	38	65	41	37	42	44	40	43	34	37	36	35	33	30	33	30	36	32	40	38	45	41	50
ethylbenzene	---	700	<100	81(J)	130	110	120	160	150	180	130	190	260	320	200	140	86	48	12	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	2	<1
toluene	1,000	1,000	<100	<130	<31	4	3	9	2	2	<1	<20	2	<10	<1	0.6(J)	1(J)	1	2	<1	<10	<5	1	1	1	<1	1	<1	1	1	2	2	2	2	2
xylene	---	10,000	360	310	470	370	290	400	340	370	380	440	450	540	240	130	170	200	260	390	300	335.7	440	4	370	490	570	460	530	390	370	320	430	320	240
PCE	5	5	<100	<130	<31	<0.8	<1	<1	<1	<1	<1	<20	<1	<10	<1	<1	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
TCE	5	5	<100	<130	<31	<0.8	<1	<1	<1	<1	2(B)	<20	<1	<10	<1	<1	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCE	70	70	<100	<130	<31	0.3(J)	0.7(J)	<1	0.7(J)	<1	<1	<20	0.6(J)	<10	<1	<1	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	11
vinyl chloride	2	2	<100	<150	<31	<1	<1	<1	<1	<1	<1	<20	<1	<10	<1	<1	<1	0.6(J)	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	2
acetone	700	6,000	<500	<630	97	13(B)	19	30	23(B)	16(B)	14	<100	4(J)	<50	7	12	9(B)	25	7	<5	24	<5	11	7	8	6	8	10	<5	<5	15	18	25	20	14
tetrahydrofuran	154	154	2,800	2,400	2,400	---	2,700	2,400	1,500	1,900(E)	1,900	1,500	1,800	1,600	280	130	340	700	1,000	980	860	960	810	550	590	430	740	550	550	650	890	740	930	960	990
2-butanone	200	---	<500	<630	<160	3	<5	46	12	22	<5	<100	<5	<50	6	6	7	8	<5	<5	<20	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	8	<5
4-methyl 2-pentanone	350	---	<500	<630	<160	2	<5	57	<5	<5	<5	<100	<5	<50	<5	<5	<5	5	<5	<5	<20	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
methylene chloride	5	5	300(B)	370(B)	<31	1(JB)	4(B)	3(B)	11(B)	3(B)	2(B)	17(JB)	2(B)	<10	0.9(J)	0.7(JB)	2(B)	<1	<1	<1	<10	<5	<1	<2	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,1,1-TCA	---	200	<100	<130	<31	<0.8	<1	<1	<1	<1	<1	<20	<1	<10	<1	<1	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCA	---	81	<100	<130	<31	2	2	2	1	1	1	<20	0.9(J)	<10	0.9(J)	0.6(J)	1(J)	1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCE	7	7	<100	<130	<31	<0.8	<1	<1	<1	<1	<1	<20	<1	<10	<1	<1	<1	0.5(J)	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCA	5	5	<100	<130	<31	<0.8	3	2	1	0.8(J)	<1	<20	0.8(J)	<10	0.9(J)	0.7(J)	1	0.6(J)	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromomethane	---	10	<100	<130	<31	<0.5	<1	<1	<1	<1	<1	<20	<1	<10	<1	<1	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloromethane	---	30	<100	<130	<31	<1	<1	5	<1	<1	4	<20	<1	<10	<1	5	0.8(J)	3	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroform	---	70	<100	<130	<31	<0.8	2	<1	<1	<1	<1	<20	<1	<10	<1	<1	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
dibromochloromethane	---	60	<100	<130	<31	<0.5	<1	<1	<1	<1	<1	<20	<1	<10	<1	<1	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromoform	---	4	<100	<130	<31	<0.5	<1	<1	<1	<1	<1	<20	<1	<10	<1	<1	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
carbon disulfide	---	70	<100	<130	<31	<0.5	<1	<1	<1	<1	0.9(J)	<20	<1	<10	<1	<1	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
styrene	---	100	<100	<130	<31	<0.5	<1	<1	<1	<1	<1	<20	<1	<10	<1	<1	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroethane	14,000	---	<100	<130	<31	7	7	8	9	7	6	<20	13	14	6	4	6	6	3	2	<10	<5	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chlorobenzene	---	100	<100	<130	<31	4	5	6	6	6	6	<20	8	14	9	9	10	48	12	17	14	16	16	18	19	20	20	19	20	16	18	18	20	20	21
1,2-dichloropropane	---	5	<100	<130	<31	<0.8	<1	<1	<1	<1	<1	<20	<1	<10	<1	<1	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-trichloroethane	---	5	<100	<130	<31	<0.8	<1	<1	<1	<1	<1	<20	<1	<10	<1	<1	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	---	---	<100	<130	<31	<0.5	0.5(J)	<1	<1	<1	<1	<20	<1	<10	<1	<1	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	---	---	<100	<130	<31	<0.8	0.6(J)	<1	<1	<1	<1	<20	<1	<10	<1	<1	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	---	2	<100	<130	<31	<0.5	<1	<1	<1	<1	<1	<20	<1	<10	<1	<1	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-hexanone	---	---	<500	<630	<160	<2	<5	<5	<5	<5	<5	<100	<5	<50	<5	<5	<5	<5	<5	<5	51	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
GMP constituents																																			
cis-1,2-DCE	70	70	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	11
trans-1,2-DCE	---	100	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
dichlorodifluoromethane	---	1,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<2	<2	<2	<2	<2
isopropylbenzene	---	800	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	27	23	23	24	29
n-propylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	7	5	5	5	8
1,3,5-trimethylbenzene	---	330	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	12	11	9	10	13
tert-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,2,4-trichlorobenzene	---	70	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
sec-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,3-dichlorobenzene	---	600	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
p-isopropyltoluene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	<1	1	2
1,4-dichlorobenzene	---	75	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	5	4	5	4	5
1,2-dichlorobenzene	---	600	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	6	6	6	5	5
n-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,2,4-trimethylbenzene	---	330	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	37	32	34	32	36
naphthalene	---	20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	10	13	15	12	14
methyl tert-butyl ether	---	13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
diethyl ether	---	1,400	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	30	34	38	34	31
ethyl tertiary-butyl ether	---	40	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
di-isopropyl ether	---	120	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	1	2
tertiary-butyl alcohol	---	40	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	38	37	38	36	27
1,4-dioxane	---	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	71	81	110	130	100
arsenic (dissolved)	10	10	---	---	---	---	---	---	---	---	---	---	---	---	33	34	42	43	39	43	46	45	52	57	80	88	112	122	134	140	155	156	162	215	204
arsenic (total)	---	---	40	50	45	52	55	55	67	58	---	39	48	52	42	40	41	42	44	43	<50	46	49	55	78	86	113	121	140	140	157	154	162	209	207
calcium	---	---	---	---	59,900	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
iron (dissolved)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	31,800	32,000	34,300	31,800	30,500	30,300	29,000	25,000	30,100	31,100	32,300	34,600	36,000	39,100	35,600	39,600	37,800	41,900	40,500	43,400	46,100
iron (total)	---	---	---	---	30,200	34,300	31,100	32,100	35,600	26,000	---	28,100	24,700	29,300	33,000	34,100	33,000	30,600	33,700	30,400	29,000	25,000	29,900	31,000	31,100	34,600	36,200	39,100	36,400	39,900	39,700	42700	37,300	43,800	47,300
magnesium	---	---	---	---	61,700	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
manganese (dissolved)	---	840	---	---	---	---	---	---	---	---	---	---	---	---	92	83.8	91.9	77.6	78.4	73.1	79	69	80.5	86.9	76.9	76.5	70.3	72	62.5	63.9	57	66.9	61	65.4	65
manganese (total)	---	---	---	---	95.2	---	---	---	---	---	---	---	---	97	93.6	91.5	83.5	76.1	79.7	71.1	78	72	84.1	86	72.7	75.9	71.1	74.9	61.8	64.2	60	68.5	58	66.6	67
potassium	---	35,000	---	---	81,400	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
sodium	---	---	---	---	65,900	---	---	---	---	---	---	---	---	---	---	---	---	---	---	302,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
pH (SU)	---	---	---	---	7.08	6.26	7.49	6.60	6.53	6.51	6.46	6.49	6.56	6.43	6.58	6.48	6.43	6.47	6.53	6.50	6.52	6.40	6.37	5.95	6.46	6.57	6.33	6.34	6.17	6.35	5.86	6.42	5.99	6.49	6.32
SC (mS/cm)	---	---	---	---	5.14	5.21	12.8	4.94	9.97	4.78	4.45	4.33	4.21	4.07	4.01	3.85	3.74	3.74	3.37	3.28	3.15	3.69	2.94	2.38	2.518	2.724	2.046	3.230	2.545	1.809	0.689	2.576	6.566	2.489	2.560
Turb (NTU)	---	---	---	---	-10	1	-6	0	17	0	0	1	---	6	3	13.5	2.90	---	6.14	2.40	2.62	3.50	0.86	1.19	0.17	1.11	0.39	2.46	0.54	0.81	1.64	2.76	1.38	3.2	0.55
DO (mg/l)	---	---	---	---	3.19	0.04	0.40	0.01	0	0.22	1.42	0.39	0	0.09	0.01	1	3.39	1.04	2.03	---	0.54	0.48	0.25	2.35	0.89	0.32	0.74	0.27	1.06	0.34	0.33	0.8	0.58	0.41	0.86
Eh (mv)	---	---	---	---	-258	-76	-59	-36	-73.1	-60	-16	-51	-74	12.5	-56	-55.3	-107	-54.2	-71	11.7	-87.2	-51.2	-44.1	-18.6	-63.9	-77.5	-8.4	-224.0	-72.7	-40.9	-83.1	-53.0	-73.3	-85.1	-70.5
Temp (°C)	---	---	---	---	9.40	11.60	9.50	10	10.10	10.50	10.80	12.20	10.60	11.90	9.80	11.61	11.02	11.64	10.39	11.08	10.53	10.89	10.19	10.43	13.23	12.78	10.31	10.87	11.87	11.40	11.14	11.04	11.05	10.96	9.69
Water Level Elevation	150.20	NA	---	147.88	147.78	146.79	147.78	147.71	147.09	147.44	146.86	147.21	147.35	147.44	147.59	147.51	145.21	147.27	147.68	147.90	147.69	147.89	147.79	148	148.40	147.70	147.84	146.93	147.68	147.72	147.91	146.38	147.57	147.28	149.16

"*" denotes that the ground water sample collected from SC-10UUI for VOC and metals analyses was incorrectly identified in the field and on the laboratory reports as SC-10LUI.

LOWER INTERBEDDED

SUMMARY OF HISTORICAL GROUND WATER QUALITY DATA
WELL EP-1D

DOWNGRADIENT WELL
SCREENED INTERVAL - 50 - 60 FEET BGS

Well EP-1D
[50 - 60 feet BGS]

constituent (ppb)	ICL	Nov-93	May-94	Oct-94	May-95	Dec-95	Jun-96	Dec-96	May-97	Dec-97	May-98	Nov-98	May-99	Dec-99	Aug-00	Dec-00	Jul-01	Nov-01	May-02	Dec-02	May-03	Nov-03	May-04	Dec-04	Jun-05	Jun-06	Oct-06	Jun-07	Nov-07	Jun-08	Nov-08	May-09	Nov-09	May-10	Nov-10	May-11
benzene	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
ethylbenzene	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
toluene	1,000	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
xylene	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
PCE	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
TCE	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCE	70	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
vinyl chloride	2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**0.8(JB)**	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**0.3(J)**	**0.4(J)**
acetone	700	<5	<5	<5	<5	<5	<5	<5	<5	**3(J)**	<5	**5(JB)**	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
tetrahydrofuran	154	<5	<5	**1(R)**	<5	<5	<5	<5	<5	**4(J)**	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	**4**	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
2-butanone	200	<5	<5	**5(R)**	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
4-methyl 2-pentanone	350	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
methylene chloride	5	**3(J)**	<1	<1	**0.5(JB)**	<1	**0.7(JB)**	<1	**5(B)**	**5(B)**	**2(B)**	**3(B)**	<1	<1	<1	<1	<1	**0.6(JB)**	<1	<1	<1	<10	<1	<1	<2	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,1,1-TCA	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCA	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCE	7	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCA	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromomethane	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloromethane	---	<1	<1	<1	<1	<1	**1**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroform	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
dibromochloromethane	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromoform	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
carbon disulfide	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
styrene	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroethane	14,000	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chlorobenzene	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-dichloropropane	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-trichloroethane	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-hexanone	---	<5	<5	**5(R)**	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
arsenic (dissolved)	10	---	---	---	---	---	---	---	---	---	---	---	---	---	58.6	55.2	59.1	57.3	55.9	57.6	60.6	56.2	63.9	67.2	57	58.1	58.4	61.5	64.8	62.9	63	62.8	64.2	63.3	63.5	61
arsenic (total)	---	57.4	58.7	59.8	61.8	58	64.5	63.5	62	56.2	59.5	56.2	59.6	57.2	55.9	57.1	62.6	55.4	57.8	61.3	60	54.2	55.3	62.5	63.7	65.2	60.2	63.7	63.2	64.6	60.8	61.8	63.2	62.1	64.9	59.5
calcium	---	9,440	9,880	8,870	9,730	8,730	8,880	10,000	10,300	9,560	10,200	9,330	9,010	9,250	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
iron (dissolved)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	32.2(B)	47.6(B)	68.6	44.7(B)	60.2(B)	55.7(B)	38.7(B)	71.5(B)	21.2(B)	11.4(B)	<21.40	<25.80	59.7(B)	45.9(B)	42.5(B)	39.7(B)	37.6(B)	23.2(B)	46.5(B)	38.8(J)	40.3(J)	56.9(J)
iron (total)	---	302	293	<101	128	173	111	89	60	85.1(B)	84.6	105	97.5(B)	115	67	74.4	126	110	100	483	110	88.4(B)	69(B)	1,860	214	473	107	312	76.8(B)	102	114	70.9(B)	65.4(B)	68.7(J)	58.1(J)	69.3(J)
magnesium	---	3,780(B)	4,020(B)	3,650	3,960(B)	3,630(B)	3,730(B)	4,150	4,290	3,970(B)	4,150	3,790	3,770(B)	3,870(B)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
manganese (dissolved)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	70.7	73.8	74.7	74	68.3	73.9	72	66.4	73.6	65.4	74	88.1	71.7	79	73	79.2	69.1	70	73	71.4	78.3	76.8
manganese (total)	---	69.7	77.2	73.6	77.2	75	81.1	87.3	79.6	85.8	85.7	76.8	74.5	75	72.2	81	80.5	79.8	75.3	100	88.4	70.5	73.6	260	165	187	77.4	89.2	76.8	93	79.7	70.7	74.7	73.1	79.7	80.4
potassium	---	2,110(B)	<2,350	1,820	1,870(B)	2,340	1,710(B)	2,040	2,000	1,680(B)	1,390	1,830	1,850(B)	1,980(B)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
sodium	---	6,729	7,100	6,020	6,630	7,030	7,250	6,550	6,780	6,440	6,510	6,090	6,460	6,300	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
pH (SU)	---	8.45	9.04	8.26	8.18	9.68	7.93	9.69	8.44	7.51	8.29	8.11	7.98	7.94	7.96	7.79	8.23	8.06	7.88	7.99	7.63	8.24	8.24	8.14	7.99	8.59	8.58	8.02	8.08	8.40	8.23	6.97	8.16	7.41	8.95	7.75
SC (mS/cm)	---	0.128	0.111	0.105	0.117	0.057	0.104	0.295	0.104	0.130	0.112	0.104	0.077	0.065	0.151	0.123	0.105	0.107	0.109	0.103	0.096	0.092	0.111	0.113	0.116	0.116	0.112	0.110	0.151	0.101	0.116	0.113	0.126	0.120	0.120	0.137
Turb (NTU)	---	6.20	19	4	3	2	3	0	0	4	0	0	0	6	1	0	7	0	1.09	13.8	2.40	2.10	6.40	49.8	5.3	5.17	2.00	4.02	---	0.53	0.48	0.08	1.02	0.62	3.0	0.97
DO (mg/l)	---	0.40	0.35	0.46	0.13	6.50	1.02	2.63	0.09	0.80	0.06	1.94	0.56	0.31	1.22	0.08	0.67	0.26	2.85	2.18	0.59	1.15	0.35	0.57	6.84	0.30	0.33	0.49	0.58	0.29	0.40	0.47	0.45	NM	0.38	0.23
Eh (mv)	---	-115	23.5	-80	103	-256	138	-114	-87	-108	-37	7	-122	-80	-46.3	29	-151	-166	-42.7	-161	-24.2	-107	43.3	108	160	169.6	-191.7	161.3	-141.6	-166.7	-89.7	364.8	-104.8	-154.4	-212.8	-39
Temp (°C)	---	10	9	9	9.1	8.1	10	8.4	8.7	7.2	8	8.6	9.9	8.9	11	7.4	11	9.4	11	8.8	10	9.7	9.4	8.1	18.6	10.6	10.18	11.71	11.25	10.59	9.84	11.11	11.84	10.78	9.62	10.09
Water Level Elevation	145.99	139.53	140.43	138.66	139.89	140.41	139.09	140.72	140.25	137.87	140.35	138.88	139.81	139.63	139.35	139.47	140.29	137.05	139.72	138.83	140.70	139.89	140.77	140.39	140.34	142.73	140.19	140.42	141.85	140.19	140.33	140.61	140.23	140.09	138.96	141.25

SUMMARY OF HISTORICAL GROUND WATER QUALITY DATA
WELL SB-8D

DOWNGRADIENT WELL
SCREENED INTERVAL - 56 - 71 FEET BGS

constituent (ppb)	ICL	Apr-93	Jul-93	Oct-93	May-94	Oct-94	May-95	Dec-95	Jun-96	Dec-96	May-97	Dec-97	May-98	Nov-98	May-99	Dec-99	Aug-00	Dec-00	Jun-01	Nov-01	May-02	Dec-02	Jun-03	Nov-03	May-04	Dec-04	Jun-05	Jun-06	Oct-06	Jun-07	Oct-07	Jun-08	Nov-08	May-09	May-10	Nov-10	May-11
benzene	5	**4**	**5**	**4**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
ethylbenzene	---	**28**	**36**	**29**	<1	<1	**0.5(J)**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	**0.2(J)**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
toluene	1,000	---	**15**	**14**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	**0.2(J)**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
xylene	---	**30**	**57**	**48**	<1	<1	<1	<1	<1	**0.6(J)**	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
PCE	5	**7**	**5**	**15**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
TCE	5	**51**	**39**	**62**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCE	70	**49**	**41.6**	**68.6**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
vinyl chloride	2	**130**	**140**	**160**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
acetone	700	---	---	---	**5(R)**	**5(R)**	**6**	<5	<5	<5	<5	**8**	**3(JB)**	<5	<5	<5	<5	---	<5	<5	<5	<5	<5	<10	**18**	<5	<5	<5	<5	<5	<5	<5	<5	<5	**47**	<5	<5
tetrahydrofuran	154	**220**	**390**	**300**	**5(R)**	**20(J)**	<5	<5	<5	<5	<5	<5	<5	**12**	<5	<5	<5	---	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	**160**	<5	<5
2-butanone	200	---	**3.5**	---	**5(R)**	**5(R)**	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	---	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	**10**	<5	<5
4-methyl 2-pentanone	350	---	---	---	**5(J)**	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	---	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
methylene chloride	5	---	**2**	---	<2	<1	**0.6(JB)**	<1	**1(B)**	<1	**3(B)**	**3(B)**	**7(B)**	**2(B)**	**0.9(JB)**	<1	1(B)	---	<1	<1	<1	<1	<1	<10	<1	<1	<2	<5	<5	<5	<5	<5	<5	**0.6(J)**	<5	<5	<5
1,1,1,-TCA	---	---	---	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCA	---	**2**	**3**	**2**	<1	<1	**1**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCE	7	---	**4**	**4**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCA	5	**7**	---	**5**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromomethane	---	---	---	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloromethane	---	---	---	---	<1	<1	<1	<1	**2**	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	**0.7(J)**	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	**0.3(J)**	<1	<1	<1	<1
chloroform	---	---	---	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
dibromochloromethane	---	---	---	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromoform	---	---	---	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
carbon disulfide	---	---	---	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
styrene	---	---	---	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroethane	14,000	---	**3**	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chlorobenzene	---	**8**	**7**	**7**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-dichloropropane	---	---	**0.4**	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-trichloroethane	---	---	---	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	---	---	---	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	---	---	---	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	---	---	---	---	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-hexanone	---	---	---	---	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	---	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
arsenic (dissolved)	10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	55.5	---	63.3	55.2	56.1	55.3	61.4	49.8(E)	65.2	68.8	56.5	43.9	38.8	51.8	63.1	62.5	59.9	58.8	58.1	52.2	61.8
arsenic (total)	---	---	---	---	56.3	70.5	59.4	55.2	49.8	62.1	55	57.8	56.5	56.6	64.6	62.8	55	---	61.3	58.2	55.8	60.9	60.1	51.1	58.2	64.4	65.4	44.8	40.3	49.8	61.4	63.4	60.1	60.9	62.8	58.2	67.2
calcium	---	51,400	62,500	57,500	12,200	9,790	12,100	9,050	9,400	10,800	10,100	10,400	11,600	10,500	10,700	10,700	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
iron (dissolved)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	243	---	337	332	352	373	378	402	321	329	250	159	81.2(B)	258	352	381	392	350	1,390	670	707
iron (total)	---	133,000	146,000	125,000	420	429	474	352	421	408	360	408	372	417	426	496	344	---	4,440	432	452	430	377	258	358	366	466	199	100	222	413	436	394	400	2,790	847	897
magnesium	---	20,900	17,800	16,200	5,160	4,160	5,180	3,930(B)	4,100(B)	4,620	4,430	4,540(B)	4,890	4,440	4,620(B)	4,650(B)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
manganese (dissolved)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	373	---	403	389	373	403	413	322	386	375	390	263	277	352	407	434	366	370	408	416	403
manganese (total)	---	2,750	3,780	3,120	396	371	384	326	390	420	370	419	440	437	414	433	371	---	470	422	387	433	393	331	381	377	419	278	298	312	417	436	381	397	434	420	414
potassium	---	11,700	4,930	4,870(B)	<2300	1,960	2,040(B)	2,560(B)	1,640(B)	1,920	2,000	2,080(B)	1,720	1,980	2,040(B)	1,870(B)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
sodium	---	69,800	10,600	88,000	9,940	8,590	9,660	9,010	9,300	8,860	8,980	8,840	9,200	8,960	9,490	9,180	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
pH (SU)	---	---	---	---	7.96	7.65	7.29	8.54	7.13	8.45	6.49	7.07	5.93	6.48	6.45	7.51	6.58	---	5.14	7.53	7.44	7.31	7.94	7.64	7	7.47	7.08	6.31	7.43	7.13	7.58	7.43	7.31	7.36	7.19	7.44	7.32
SC (mS/cm)	---	---	---	---	0.127	0.108	0.158	0.070	0.117	0.183	0.531	0.145	0.629	0.556	0.473	0.083	0.119	---	0.086	0.118	0.129	0.154	0.111	0.122	0.126	0.132	0.129	0.117	0.119	0.125	0.099	0.130	0.126	0.134	0.146	0.125	0.137
Turb (NTU)	---	---	---	---	18	1	16	13	1	3	0	0	0	0	2	0	-10	---	70	4.20	6.54	1.19	0.25	0	3	0.79	2.08	1.16	0.36	0.00	1.13	0.00	0.54	0.25	20.80	0.09	1.49
DO (mg/l)	---	---	---	---	0.95	0.15	0.12	3.97	0.21	0.77	0.04	0.12	0.23	0.12	0.08	0	0.27	---	0.35	0.80	0.36	0.47	0.61	0.36	0.27	0.19	0.7	3.28	0.99	0.99	0.57	0.34	0.16	0.60	0.31	0.36	0.22
Eh (mv)	---	---	---	---	---	-132	---	-300	-126	-133	-39	-98.3	-26	-25	-29	-115	-46.4	---	-91.0	-124.7	-35.5	-181	-122	-124.6	133	-81.3	-111.7	499.9	130.5	-52.6	-214.4	-128.2	-156.7	-88.6	-144.3	-96.3	-116.1
Temp (°C)	---	---	---	---	8.6	9.4	9.9	8.5	11	8.4	9	7.5	9.6	9.4	9.1	8.9	9.7	---	11	10	10	9.2	10	9.1	9.7	8.0	11.7	13.28	8.87	12.87	10.21	12.57	10.06	8.58	11.43	9.91	9.05
Water Level Elevation	149.58	---	---	---	145.85	144.84	145.46	146.08	145.03	146.24	146.03	145.26	145.80	145.10	145.48	144.73	145.36	145.47	145.70	143.38	145.43	147.10	146.08	145.73	146.13	145.92	145.83	146.78	145.83	145.98	145.12	145.72	145.90	146.09	---	---	---

SUMMARY OF HISTORICAL GROUND WATER QUALITY DATA
GMP WELL SB-GW-3L

DOWNGRADIENT WELL
SCREENED INTERVAL - 48 - 58 FEET BGS

GMP Well SB-GW-3L
[48 - 58 feet BGS]

constituent (ppb)	ICL	AGQS	Apr-93	Jul-93	Oct-93	May-94	Oct-94	May-95	Dec-95	Jun-96	Dec-96	May-97	Dec-97	May-98	Nov-98	May-99	Dec-99	Aug-00	Dec-00	Jun-01	Nov-01	May-02	Dec-02	May-03	Nov-03	May-04	Dec-04	May-05	Oct-05	Jun-06	Oct-06	Jun-07	Nov-07	Jun-08	Nov-08	May-09	Nov-09	May-10	Nov-10	May-11
benzene	**5**	5	<0.2	<0.2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
ethylbenzene	---	700	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
toluene	**1,000**	1,000	<0.2	<0.2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
xylene	---	10,000	<0.7	<0.7	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
PCE	**5**	5	<0.4	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
TCE	**5**	5	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCE	**70**	70	<0.4	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
vinyl chloride	**2**	2	<0.4	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
acetone	**700**	6,000	---	<5	<5	**5(R)**	**5(R)**	**9**	<5	<5	**1(JB)**	<5	<5	**3(J)**	<5	**2(J)**	<5	<5	---	<5	<5	**10**	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	**2(J)**	<5	<5	**3(J)**	<5	<5
tetrahydrofuran	**154**	154	<1	<5	<5	**5(R)**	**1(R)**	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	---	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	**14**
2-butanone	**200**	---	---	<5	<5	**5(R)**	**5(R)**	<5	<5	<5	**0.5(JB)**	<5	<5	<5	<5	<5	<5	<5	---	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
4-methyl 2-pentanone	**350**	---	---	<5	<5	**5(J)**	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	---	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
methylene chloride	**5**	5	<1	<1	<1	<3	<1	**0.6(JB)**	<1	**0.9(JB)**	**1(JB)**	**5(B)**	**5(B)**	**4(B)**	<1	**3(B)**	**0.9(JB)**	<1	---	<1	<1	**2(B)**	<1	<1	<10	<1	<1	<2	<1	<5	<5	<5	<5	<5	<5	**0.9(JB)**	**0.7(J)**	<5	<5	<5
1,1,1-TCA	---	200	<0.5	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCA	---	81	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCE	**7**	7	<1.3	<1.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCA	**5**	5	**0.4**	**0.4**	<1	<1	<1	<1	<1	<1	**0.8(J)**	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromomethane	---	10	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloromethane	---	30	<0.5	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	**0.8(J)**	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroform	---	70	<0.7	<0.7	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
dibromochloromethane	---	60	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromoform	---	4	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
carbon disulfide	---	70	---	<5	**17**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
styrene	---	100	<0.4	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroethane	**14,000**	---	<0.4	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chlorobenzene	---	100	<0.2	<0.2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-dichloropropane	---	5	<0.3	<0.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-trichloroethane	---	5	<0.2	**0.3**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	---	---	<0.4	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	---	---	<0.4	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	---	2	**0.4**	**0.5**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	---	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-hexanone	---	---	---	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	---	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
GMP constituents																																									
cis-1,2-DCE	**70**	70	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
trans-1,2-DCE	---	100	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
dichlorodifluoromethane	---	1,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<2	<2	<2	<2	<2
isopropylbenzene	---	800	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
n-propylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,3,5-trimethylbenzene	---	330	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
tert-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,2,4-trichlorobenzene	---	70	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
sec-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,3-dichlorobenzene	---	600	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
p-isopropyltoluene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,4-dichlorobenzene	---	75	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,2-dichlorobenzene	---	600	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
n-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,2,4-trimethylbenzene	---	330	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	**0.2(J)**
naphthalene	---	20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	**2**
methyl tert-butyl ether	---	13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
diethyl ether	---	1,400	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
ethyl tertiary-butyl ether	---	40	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
di-isopropyl ether	---	120	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
tertiary-butyl alcohol	---	40	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<5	<5	<5	<5	<5
1,4-dioxane	---	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<10	**2.6(B)**	**1.8(J)**	<2	<2
arsenic (dissolved)	**10**	10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	65.9	---	65.4	70.8	62	67.5	72.2	65.9	69	74	74.3	61.8	60.3	66.2	65.5	72.2	72.2	67.6	68.6	71.2	73.8	67.7	50.4
arsenic (total)	---	---	---	52.2	50.7	70.8	71.2	72.2	66.4	58.2	77.2	68.0	70.4	69.2	74.6	72.2	73.4	79.7	---	77	68.4	62.4	67.6	76.9	61	70.2	71.6	70.8	65.1	60.4	65	63.3	75.3	71.9	65.8	71.8	71.1	74.6	71.4	48.6
calcium	---	---	25,000	14,300	10,600	12,400	10,900	12,400	11,300	11,000	12,900	11,900	11,400	11,600	12,400	10,900	12,100	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
iron (dissolved)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	646	---	17,800	662	626	717	781	587	688	702	642	644	666	663	639	739	727	698	729	771	792	775	679
iron (total)	---	---	134,000	36,600	2,490	1,050	617	725	658	636	635	600	693	616	839	1,080	869	1,090	---	648	931	664	780	832	615	719	758	2050	772	706	665	621	842	736	779	881	786	934	785	682
magnesium	---	---	34,500	11,900	4,540(B)	4,980(B)	4,490	4,970(B)	4,730(B)	4,450(B)	5,270	5,000	4,940(B)	4,820	5,040	4,540(B)	5,050	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
manganese (dissolved)	---	840	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	536	---	831	575	500	591	600	503	557	542	518	512	501	558	458	561	546	545	544	569	600	582	508
manganese (total)	---	---	2,360	911	499	532	<509	546	522	536	608	544	556	577	605	528	593	548	---	560	563	498	597	620	509	544	552	523	522	496	555	441	592	551	566	628	570	640	582	503
potassium	---	35,000	31,200(B)	10,500	2,230(B)	<2,340	1,730	1,860(B)	<2,340	1,540(B)	1,930	1,900	1,840(B)	947(B)	2,220	1,890(B)	2,030(B)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
sodium	---	---	**11,600**	9,250	6,980	8,280	7,850	8,290	8,980	8,300	8,330	8,110	7,930	7,610	7,930	7,240	7,740	---	---	---	---	---	---	7,350	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
pH (SU)	---	---	---	---	7.03	7.01	7.30	7.18	8.17	7.28	8.79	7.40	6.77	7.61	7.21	7.45	7.44	6.39	---	4.98	7.27	7.34	7.14	7.16	7.46	7.55	7.68	7.17	7.44	6.8	7.31	7.09	7.13	7.29	7.29	7.21	7.19	7.32	7.65	7.36
SC (mS/cm)	---	---	---	---	0.109	0.135	0.128	0.138	0.073	0.118	0.194	0.127	0.148	0.130	0.135	0.099	0.082	0.127	---	0.920	0.126	0.132	6.133	0.117	0.111	0.134	0.138	0.131	0.131	0.114	0.13	0.131	0.171	0.138	0.135	0.137	0.172	0.141	0.124	0.125
Turb (NTU)	---	---	---	---	31	15	2	1	-10	3	-10	2	-10	1	0	6	0	6	---	260	8.10	8.30	1.75	0	3.80	0.71	2.19	37	3.80	1.19	1.09	0.00	0.69	0.93	0.08	0.43	0	0.79	2.0	0.49
DO (mg/l)	---	---	---	---	0.40	0.25	0.16	0.02	4.20	0.87	1.40	0.11	0.15	0.45	0.07	0.09	0	0.31	---	0.20	0.83	0.33	0.53	0	0.36	0.27	2.38	0.88	0.37	1.62	0.34	1.08	0.50	0.49	0.36	0.42	0.41	0.58	0.49	0.70
Eh (mv)	---	---	---	---	-102	---	55.4	-26	-273	-82	-79	-60	-86.1	-58	-38	-85	-107	-38.4	---	-52.1	-115	-82.2	181	-87.1	-107	-94.5	-45	-88	-110.2	331.7	-120.1	24.1	-152.1	-126.7	-104.1	-52.8	-112.2	-106.7	2.0	-55.1
Temp (°C)	---	---	---	---	9.3	8	9.3	9.3	7.8	**11**	7.5	9	7.7	8.2	8.8	9.2	8.5	9.5	---	10	9.6	9.1	8.8	9	9.1	9.7	8.2	9.3	10.19	10.64	10.25	9.64	9.60	11.64	9.46	8.51	10.65	9.36	9.86	8.16
Water Level Elevation	149.00	NA	145.07	142.87	142.56	144.77	143.80	143.84	144.90	143.91	144.12	144.91	144.25	144.71	144.04	143.79	144.52	144.29	144.45	144.66	142.22	144.50	144.10	144.98	144.72	145.05	144.95	145.12	145.05	145.49	144.14	145.05	144.32	144.89	145.07	145.15	145.04	144.89	144.47	146.44

SUMMARY OF HISTORICAL GROUND WATER QUALITY DATA
GMP WELL SC-22D

DOWNGRADIENT WELL
SCREENED INTERVAL - 43 - 48 FEET BGS

constituent (ppb)	ICL	AGQS	Aug-00	Dec-00	Jun-01	Nov-01	May-02	Dec-02	May-03	Nov-03	May-04	Dec-04	May-05	Jun-06	Oct-06	Jun-07	Nov-07	Jun-08	Nov-08	May-09	Nov-09	May-10	Nov-10	May-11
benzene	**5**	5	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
ethylbenzene	---	700	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
toluene	**1,000**	1,000	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
xylene	---	10,000	<1	<1	<1	<1	<1	<1	<1	<10	<1	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
PCE	**5**	5	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
TCE	**5**	5	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCE	**70**	70	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
vinyl chloride	**2**	2	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
acetone	**700**	6,000	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
tetrahydrofuran	**154**	154	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
2-butanone	**200**	---	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
4-methyl 2-pentanone	**350**	---	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
methylene chloride	**5**	5	<5	<1	<1	<1	<1	<1	<1	<10	<1	<1	<2	<5	<5	<5	<5	<5	<5	**1(JB)**	<5	<5	<5	<5
1,1,1-TCA	---	200	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCA	---	81	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCE	**7**	7	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCA	**5**	5	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromomethane	---	10	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloromethane	---	30	<1	<1	<1	**1**	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroform	---	70	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
dibromochloromethane	---	60	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromoform	---	4	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
carbon disulfide	---	70	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**0.5(JB)**	<1	<1	<1
styrene	---	100	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroethane	**14,000**	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chlorobenzene	---	100	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-dichloropropane	---	5	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-trichloroethane	---	5	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	---	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	---	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	---	2	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-hexanone	---	---	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
GMP constituents																								
cis-1,2-DCE	**70**	70	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
trans-1,2-DCE	---	100	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
dichlorodifluoromethane	---	1,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<2	<2	<2	<2	<2
isopropylbenzene	---	800	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
n-propylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,3,5-trimethylbenzene	---	330	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
tert-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,2,4-trichlorobenzene	---	70	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
sec-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,3-dichlorobenzene	---	600	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
p-isopropyltoluene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,4-dichlorobenzene	---	75	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,2-dichlorobenzene	---	600	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
n-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,2,4-trimethylbenzene	---	330	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
naphthalene	---	20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
methyl tert-butyl ether	---	13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
diethyl ether	---	1,400	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
ethyl tertiary-butyl ether	---	40	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
di-isopropyl ether	---	120	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
tertiary-butyl alcohol	---	40	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<5	<5	<5	<5	<5
1,4-dioxane	---	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<2	<2	<2	<2	**3.1**
arsenic (dissolved)	**10**	10	50	57	54.6	61.5	58.5	57.5	64.8	55.7(E)	61.7	70	66.6	61	54.4	61.8	78.6	78.7	80.5	77.6	76.6	71.8	81.2	75
arsenic (total)	---	---	50	54	51.6	60.8	56.4	62.6	64.1	55.3	62.8	72.5	68	63.6	58.2	60.7	78.4	81.6	83	80.2	72.8	75.5	80	72.1
calcium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
iron (dissolved)	---	---	<20	20	346(B)	3,010	44.9(B)	<11.9	<9.31	22.8(B)	<9.40	<10.7	<21.40	<25.80	<17.30	<5.20	<5.20	<6.00	<6.80	13.6 (B)	<12	<6.27	33(J)	15.4(J)
iron (total)	---	---	3,910	2,180	<54.5	8,850	214	1,100	59.8(B)	1,590	28.6(B)	117	359	36.8(B)	71.2(B)	85.7(B)	101	8.6(B)	18.0(B)	17.1(B)	<12	28.7(J)	13.4(J)	12.2(J)
magnesium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
manganese (dissolved)	---	840	25.2	25.2	27.7	58.2	18.5(E)	25.7	29.6	15.7	30.3	25.8	25	27.1	10.6	27.5	29.2	6	27.6	5.1	34.7	1(J)	26.5	3.4(J)
manganese (total)	---	---	78.6	54.4	20.6(B)	180	29.8(E)	64	39	48.6	34.2	34.8	65.6	37.1	24.2	40.3	88.7	12.8	45.1	18.5	35.4	45.5	30.9	13
potassium	---	35,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
sodium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
pH (SU)	---	---	7.9	8.42	7.14	8.17	8.18	7.84	6.81	8.26	8.09	7.99	7.64	8.14	7.66	8.29	7.76	8.01	7.94	7.91	7.59	8.02	7.80	7.94
SC (mS/cm)	---	---	0.134	0.094	0.112	0.134	0.158	0.193	0.152	0.155	0.173	0.161	0.175	0.126	0.169	0.164	0.097	0.14	0.136	0.131	0.153	0.138	0.123	0.139
Turb (NTU)	---	---	100	ER1	5.2	11	0	2.69	0.5	16	1.07	0.99	10	3.8	3.1	1.99	2.22	0.18	2.89	0.39	0.36	1.52	1.46	0
DO (mg/l)	---	---	0.2	0.2	0.32	0.54	0.81	0.5	1.16	0.75	0.43	0.22	1.59	0.87	0.81	0.97	0.47	1.52	0.53	1.73	0.32	4.08	0.53	2.81
Eh (mv)	---	---	102	-88	344	66.3	-31.1	-193	380	148	227	171	43	188.1	-46.7	87.9	-375.1	133.5	32.8	-18.4	52.2	47.1	-72.8	40.3
Temp (^{0}C)	---	---	10	8.1	11	9.7	9.5	9	10	8.8	9.6	7.5	9.2	11.2	10.27	9.81	10.18	10.56	7.83	10.23	9.63	10.8	10.10	8.57
Water Level Elevation	145.30	NA	122.12	123.45	122.76	122.13	122.59	122.13	123.29	122.90	123.58	123.32	121.55	124.41	123.06	123.33	122.21	122.83	122.88	123.04	122.98	122.96	122.22	123.29

SUMMARY OF HISTORICAL GROUND WATER QUALITY DATA
GMP WELL SC-23D

DOWNGRADIENT WELL
SCREENED INTERVAL - 16 - 25 FEET BGS

constituent (ppb)	ICL	AGQS	Aug-00	Dec-00	Jul-01	Nov-01	May-02	Dec-02	Jun-03	Nov-03	May-04	Dec-04	May-05	Jun-06	Oct-06	Jun-07	Oct-07	Jun-08	Nov-08	May-09	Nov-09	May-10	Nov-10	May-11
benzene	5	5	58	53	51	60	70	64	59	62	62	56	55	56	56	62	53	58	66	60	60	66	55	58
ethylbenzene	---	700	36	36	36	37	45	42(B)	42	40	45	44	43	42	43	47	43	55	63	55	53	58	48	59
toluene	1,000	1,000	480	540	310	420	310	440	230	300	210	230	180	180	26	18	12	17	15	13	10	11	8	10
xylene	---	10,000	170	160	180	170	230	200	170	170	193	180	150	170	160	180	190	220	240	210	200	230	200	240
PCE	5	5	<1	<1	<1	<1	<1	<1	<1	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
TCE	5	5	0.8(J)	0.9(J)	<1	<1	<1	0.8(J)	1	1(J)	<10	0.8(J)	0.9(J)	1(J)	0.5(J)	0.6(J)	<1	0.5(J)	0.5(J)	0.4(J)	<1	<1	<1	<1
1,2-DCE	70	70	11.6	11.6	7	10	12	10	11	12	<10	10	10	12	7	8	3	7	8	4	6	2	1	2
vinyl chloride	2	2	20	19	7	22	26	23	29	<10	10	17	21	26	29	37	38	33	27	21	19	23	15	16
acetone	700	6,000	<5	3(J)	12	<5	88	110	30	<10	<10	31	8	31	20	19	12(B)	19	20	11	16	20	14	13
tetrahydrofuran	154	154	380	600	300	400	540	630	430	430	<10	340	230	310	330	410	320	300	260	230	270	260	250	210
2-butanone	200	---	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	2(J)	2(J)	<5
4-methyl 2-pentanone	350	---	8	4(J)	<5	<5	<5	<5	<5	<10	<10	<5	4(J)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
methylene chloride	5	5	9	10(B)	6(B)	6(B)	8(B)	7	5	7(J)	<10	4	3	3(J)	<5	2(J)	4(J)	4(JB)	4(JB)	2(J)	2(J)	2(J)	4(JB)	2(J)
1,1,1-TCA	---	200	<1	<1	<1	<1	<1	<1	<1	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCA	---	81	6	6	3	6	6	6	5	5(J)	<10	4	4	4	4	4	4	4	4	3	3	3	3	2
1,1-DCE	7	7	<1	<1	<1	<1	0.9(J)	<1	<1	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCA	5	5	3	2	2	3	2	3	2	<10	<10	3	2	2	2	2	2	2	2	2	1	1	1	<1
bromomethane	---	10	<1	<1	<1	<1	<1	<1	<1	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloromethane	---	30	<1	0.7(J)	2	0.8(J)	<1	<1	<1	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroform	---	70	<1	<1	<1	<1	<1	<1	<1	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
dibromochloromethane	---	60	<1	<1	<1	<1	<1	<1	<1	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromoform	---	4	<1	<1	<1	<1	<1	<1	<1	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
carbon disulfide	---	70	<1	<1	<1	<1	<1	<1	<1	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.6(JB)	<1	<1	<1
styrene	---	100	<1	<1	<1	<1	<1	<1	<1	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroethane	14,000	---	1	2	1	2	1	2	4	<10	<10	1	1	2	<1	2	2	<1	2	<1	1	2	<1	<1
chlorobenzene	---	100	0.5(J)	0.6(J)	0.8(J)	0.7(J)	1	0.8(J)	<1	<10	<10	0.8(J)	0.9(J)	0.9(J)	1	<1	1	2	2	2	2	4	<1	4
1,2-dichloropropane	---	5	4	4	2	4	3	<1	3	<10	<10	3	3	3	3	3	3	3	3	2	2	<1	2	2
1,1,2-trichloroethane	---	5	<1	<1	<1	<1	<1	<1	<1	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	---	---	<1	<1	<1	<1	<1	<1	<1	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	---	---	<1	<1	<1	<1	<1	<1	<1	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	---	2	<1	<1	<1	<1	<1	<1	<1	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-hexanone	---	---	<5	<5	<5	3(J)	<5	<5	<5	<10	10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
GMP constituents																								
cis-1,2-DCE	70	70	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4	5	2	1	2
trans-1,2-DCE	---	100	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	0.3(J)	<1	<1	<1
dichlorodifluoromethane	---	1,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<2	<2	<2	<2	<2
isopropylbenzene	---	800	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	22	21	17	20	25
n-propylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	6	6	5	6	8
1,3,5-trimethylbenzene	---	330	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	10	10	6	9	13
tert-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,2,4-trichlorobenzene	---	70	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
sec-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	0.2(J)	<1	<1	<1
1,3-dichlorobenzene	---	600	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
p-isopropyltoluene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	7	7	4	5	8
1,4-dichlorobenzene	---	75	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	5	4	5	5	6
1,2-dichlorobenzene	---	600	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.8(J)	0.7(J)	0.7(J)	0.8(J)	<1
n-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,2,4-trimethylbenzene	---	330	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	30	30	27	33	42
naphthalene	---	20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	0.8(J)	3	3	4
methyl tert-butyl ether	---	13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
diethyl ether	---	1,400	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	60	73	66	62	43
ethyl tertiary-butyl ether	---	40	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
di-isopropyl ether	---	120	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.5(J)	0.6(J)	0.3(J)	0.5(J)	<1
tertiary-butyl alcohol	---	40	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	100	<5	44	78	47
1,4-dioxane	---	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	110	140	120	180	180
arsenic (dissolved)	10	10	43	42	37	53	37.3	47	34.1	41.8	37	36.7	37.9	39.9	40.6	41.9	41.1	39.8	42.5	37.4	41.8	40	35.9	34.6
arsenic (total)	---	---	43	39	39	56.3	28.4	48.6	36.6	30.4	35.2	37.1	41.3	38	39.7	43.5	42.8	39	40	39.1	38	38.8	34	38.3
calcium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
iron (dissolved)	---	---	88,900	94,100	85,100	96,400	75,400	82,700	67,800	68,900	62,100	65,300	66,000	67,200	60,300	63,600	57,800	60,300	50,300	49,800	41,500	46,800	34,400	40,900
iron (total)	---	---	87,800	90,200	83,400	102,000	76,200	87,000	70,000	59,900	56,600	64,900	64,200	67,000	58,300	64,400	58,400	59,400	49,300	51,500	42,800	47,500	33,400	42,700
magnesium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
manganese (dissolved)	---	840	438	369	255	354	215	255	202	202	177	180	186	180	165	172	152	148	125	134	108	130	112	100
manganese (total)	---	---	432	363	251	461	219	274	211	191	169	182	182	180	162	188	153	147	124	136	114	132	111	105
potassium	---	35,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
sodium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
pH (SU)	---	---	5.80	6.09	6.28	6.11	6.10	5.95	6.17	6.41	5.90	5.96	6.08	5.92	6.17	6.17	6.07	6.05	6.13	5.74	6.15	6	5.97	6.01
SC (mS/cm)	---	---	1.52	1.51	2.66	2.34	2.28	2.66	1.74	1.999	2.54	2.4	2.28	2.305	2.25	2.307	1.872	1.994	2.237	2.033	2.291	1.97	2.046	1.935
Turb (NTU)	---	---	37	20	20	50	13.3	5.85	0	---	12	18.4	8.4	1.1	9.23	NM	1.13	2.38	1.36	4.86	1.31	---	10.68	2
DO (mg/l)	---	---	0.3	0.9	8.31	3.4	0.77	---	0.38	1.05	0.48	2.06	0.72	2.51	0.4	0.54	0.65	0.83	0.34	0.35	0.59	0.58	0.65	0.45
Eh (mv)	---	---	5.20	-39.7	-13.8	-16.7	-2.2	-73.2	21	-12.9	-2.3	-5	-25.7	-24.1	-26.9	-9.3	-228.2	-34.2	-52.2	-19.9	-54.8	-45.7	-30.0	-11.2
Temp (oC)	---	---	11	9.4	10	9.5	9.7	8.1	8.9	9.6	9.1	8.7	8.8	10.2	10.96	9.49	12.81	10.56	10.34	10.51	11.06	8.79	9.86	8.39
Water Level Elevation	143.97	NA	129.98	131.81	130.62	128.98	132.52	129.93	133.73	131.27	133.96	132.29	131.21	134.84	132.15	133.90	130.38	133.35	132.85	133.81	132.32	133.36	131.35	134.71

SUMMARY OF HISTORICAL GROUND WATER QUALITY DATA
WELL SC-24D

DOWNGRADIENT WELL
SCREENED INTERVAL - 40 - 45 FEET BGS

Well SC-24D
[40 - 45 feet BGS]

constituent (ppb)	ICL	Aug-00	Dec-00	Jun-01	Nov-01	May-02	Dec-02	Jun-03	Nov-03	May-04	Dec-04	Jun-05	Jun-06	Oct-06	Jun-07	Oct-07	Jun-08	Nov-08	May-09	Nov-09	May-10	Nov-10	May-11
benzene	5	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
ethylbenzene	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
toluene	1,000	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
xylene	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
PCE	5	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
TCE	5	<1	**0.7(JB)**	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCE	70	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
vinyl chloride	2	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
acetone	700	**4(JB)**	<5	<5	<5	**4(J)**	<5	<5	<10	<1	**6**	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
tetrahydrofuran	154	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
2-butanone	200	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
4-methyl 2-pentanone	350	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
methylene chloride	5	**1**	<1	<1	<1	**5(B)**	<1	<1	<10	<1	<1	<2	<5	<5	**0.8(JB)**	<5	<5	**0.6(JB)**	<5	<5	<5	<5	<5
1,1,1-TCA	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCA	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCE	7	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCA	5	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromomethane	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloromethane	---	<1	<1	<1	**2**	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroform	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
dibromochloromethane	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromoform	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
carbon disulfide	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
styrene	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroethane	14,000	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chlorobenzene	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-dichloropropane	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-trichloroethane	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	---	<1	<1	<1	<1	**2**	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-hexanone	---	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
arsenic (dissolved)	10	50	55	66.2	60.7	61.6	58.3	62.8	68	66	67.2	68.3	62.5	68	63.5	67	68.1	67.6	68.8	69.6	69.6	71.2	62.8
arsenic (total)	---	73	55	65.3	60.1	61.5	61.2	61.7	53.1	59.1	67	68.5	67.1	65.4	63.8	64.4	68.4	66.9	65.8	67.5	67.5	71.2	65
calcium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
iron (dissolved)	---	60	<20	<16.5	<16.5	38.5(B)	21.4(B)	9.3(B)	<9.4	<9.4	<10.7	<21.40	<25.80	<17.30	20.4(B)	6.7(B)	<6	13.0(B)	5.7(B)	<12	<6.27	6.8(J)	8.9(J)
iron (total)	---	50,800	10,600	28,300	543	900	446	148	101	97.6(B)	70.8(B)	99.3(B)	484	<17.30	88.1(B)	524	96.8(B)	161	84.3(B)	76.4(B)	17.4(J)	123	123
magnesium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
manganese (dissolved)	---	52.1	40.5	39.9	35.4	31.4	34.9	31.6	30	29.6	29.0	30.1	28.6	33.6	28.1	32.2	31.5	32.8	27.8	31.5	27.2	26.3	28.3
manganese (total)	---	783	206	443	44.7	42.7	44	39.4	32.6	31.5	31.8	32.3	40.5	34	33.1	53	38	39.3	32.4	38.5	27.8	60.5	33.2
potassium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
sodium	---	---	---	---	---	---	---	11,500	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
pH (SU)	---	7.70	8.34	7.37	8.13	8.04	8.03	7.76	8.56	8.36	7.89	7.77	8.07	8.68	8.41	8.29	8.13	8.23	8.3	7.97	8.24	8.43	8.42
SC (mS/cm)	---	0.082	0.072	0.086	0.108	0.121	0.117	0.094	0.122	0.121	0.123	0.116	0.087	0.119	0.113	0.087	0.122	0.118	0.119	0.217	0.121	0.119	0.080
Turb (NTU)	---	ER2	450	800	17.3	5.7	3.54	0	6.6	5.5	6.51	4.42	12.7	5.11	1.91	25.2	3.92	2.79	1.83	0.24	0.58	2.01	3.28
DO (mg/l)	---	0.20	0.26	0.31	0.24	0.3	0.28	0.45	0.37	0.46	0.31	0.59	0.3	0.68	0.53	0.62	0.08	0.47	0.36	1.42	0.51	0.67	0.29
Eh (mv)	---	10	-68.6	295	-90.5	-119	-180	166	37.4	189.7	-96.2	94	173.5	106	144.3	-148.3	145.7	112.3	86.5	-3.5	84.9	-50.2	-46.6
Temp (^{o}C)	---	9.5	8.3	14	9.2	9.2	8.3	---	9	9	8.2	8.8	11.42	9.6	12.24	12.95	11.43	10.2	10.13	10.62	8.96	10.26	9.37
Water Level Elevation	142.82	132.52	134.75	133.74	131.25	133.81	132.30	134.30	133.68	134.37	133.92	132.25	135.01	133.92	134.30	132.69	133.61	133.97	133.91	133.50	133.86	132.50	134.21

SUMMARY OF HISTORICAL GROUND WATER QUALITY DATA
GMP WELL B-7L

LANDFILL PERIMETER WELL
SCREENED INTERVAL - 52.8 - 76.9 FEET BGS

constituent (ppb)	ICL	AGQS	May-09	Nov-09	May-10	Nov-10	May-11
benzene	**5**	5	<1	<1	<1	<1	<1
ethylbenzene	---	700	<1	<1	<1	<1	<1
toluene	**1,000**	1,000	**0.4(J)**	<1	<1	<1	<1
xylene	---	10,000	<3	<3	<3	<3	<3
PCE	**5**	5	<1	<1	<1	<1	<1
TCE	**5**	5	<1	<1	<1	<1	<1
1,2-DCE	**70**	70	<1	<1	<1	<1	<1
vinyl chloride	**2**	2	<1	<1	<1	<1	<1
acetone	**700**	6,000	<5	<5	<5	<5	<5
tetrahydrofuran	**154**	154	<5	<5	<5	<5	<5
2-butanone	**200**	---	<5	<5	<5	<5	<5
4-methyl 2-pentanone	**350**	---	<5	<5	<5	<5	<5
methylene chloride	**5**	5	<5	<5	<5	<5	<5
1,1,1-TCA	---	200	<1	<1	<1	<1	<1
1,1-DCA	---	81	<1	<1	<1	<1	<1
1,1-DCE	**7**	7	<1	<1	<1	<1	<1
1,2-DCA	**5**	5	<1	<1	<1	<1	<1
bromomethane	---	10	<1	<1	<1	<1	<1
chloromethane	---	30	<1	<1	<1	<1	<1
chloroform	---	70	<1	<1	<1	<1	<1
dibromochloromethane	---	60	<1	<1	<1	<1	<1
bromoform	---	4	<1	<1	<1	<1	<1
carbon disulfide	---	70	<1	<1	<1	<1	<1
styrene	---	100	<1	<1	<1	<1	<1
chloroethane	**14,000**	---	<1	<1	<1	<1	<1
chlorobenzene	---	100	<1	<1	<1	<1	<1
1,2-dichloropropane	---	5	<1	<1	<1	<1	<1
1,1,2-trichloroethane	---	5	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	---	---	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	---	---	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	---	2	<1	<1	<1	<1	<1
2-hexanone	---	---	<5	<5	<5	<5	<5
GMP constituents							
cis-1,2-DCE	**70**	70	<1	<1	<1	<1	<1
trans-1,2-DCE	---	100	<1	<1	<1	<1	<1
dichlorodifluoromethane	---	1,000	<2	<2	<2	<2	<2
isopropylbenzene	---	800	<1	<1	<1	<1	<1
n-propylbenzene	---	260	<1	<1	<1	<1	<1
1,3,5-trimethylbenzene	---	330	<1	<1	<1	<1	<1
tert-butylbenzene	---	260	<1	<1	<1	<1	<1
1,2,4-trichlorobenzene	---	70	<1	<1	<1	<1	<1
sec-butylbenzene	---	260	<1	<1	<1	<1	<1
1,3-dichlorobenzene	---	600	<1	<1	<1	<1	<1
p-isopropyltoluene	---	260	<1	<1	<1	<1	<1
1,4-dichlorobenzene	---	75	<1	<1	<1	<1	<1
1,2-dichlorobenzene	---	600	<1	<1	<1	<1	<1
n-butylbenzene	---	260	<1	<1	<1	<1	<1
1,2,4-trimethylbenzene	---	330	<1	<1	<1	<1	<1
naphthalene	---	20	<1	<1	<1	<1	<1
methyl tert-butyl ether	---	13	<1	<1	<1	<1	<1
diethyl ether	---	1,400	<1	<1	<1	<1	<1
ethyl tertiary-butyl ether	---	40	<1	<1	<1	<1	<1
di-isopropyl ether	---	120	<1	<1	<1	<1	<1
tertiary-butyl alcohol	---	40	<5	<5	<5	<5	<5
1,4-dioxane	---	3	<8	<2	<2	<2	<2
arsenic (dissolved)	**10**	10	50	47	45	44	42
arsenic (total)	---	---	50.5	48	45	167	44
calcium	---	---	---	---	---	---	---
iron (dissolved)	---	---	119	<100	108	<100	122
iron (total)	---	---	564	290	192	23,800	299
magnesium	---	---	---	---	---	---	---
manganese (dissolved)	---	840	163	155	131	41.5	149
manganese (total)	---	---	285	168	183	12,100	192
potassium	---	35,000	---	---	---	---	---
sodium	---	---	---	---	---	---	---
pH (SU)	---	---	9.22	8.9	8.46	9.86	9.14
SC (mS/cm)	---	---	0.18	0.188	0.291	0.159	0.185
Turb (NTU)	---	---	26.4	6.4	1.97	13.4	9.58
DO (mg/l)	---	---	4.86	1.54	0.67	0.76	0.45
Eh (mv)	---	---	121.3	-108.8	86.1	-60.4	8.2
Temp (^{o}C)	---	---	12.57	9.95	17.38	8.18	13.43
Water Level Elevation	155.64	NA	120.74	124.03	126.03	120.49	121.87

Note: Well is Screened within Lower Interbedded Unit - Below Marine Clay.

SUMMARY OF GROUND WATER ANALYTICAL DATA
GMP WELL MW-201(D)

SOUTHERN PLUME WELL
SCREENED INTERVAL - 55-65 FEET BGS

constituent (ppb)	ICL	AGQS	Nov-07	May-09	Nov-09	May-10	Nov-10	May-11
benzene	**5**	5	<1	<1	<1	<1	<1	<1
ethylbenzene	---	700	<1	<1	<1	<1	<1	<1
toluene	**1,000**	1,000	<1	<1	<1	<1	<1	<1
xylenes (total)	---	10,000	<3	<3	<3	<3	<3	<3
PCE	**5**	5	<1	<1	<1	<1	<1	<1
TCE	**5**	5	<1	<1	<1	<1	<1	<1
1,2-DCE	**70**	70	<1	<1	<1	<1	<1	<1
vinyl chloride	**2**	2	<2	<1	<1	<1	<1	<1
acetone	**700**	6,000	<5	<5	<5	<5	<5	<5
tetrahydrofuran	**154**	154	<5	<5	<5	<5	<5	<5
2-butanone	**200**	---	<5	<5	<5	<5	<5	<5
4-methyl 2-pentanone	**350**	---	<5	<5	<5	<5	<5	<5
methylene chloride	**5**	5	<5	<5	<5	<5	<5	<5
1,1,1-TCA	---	200	<1	<1	<1	<1	<1	<1
1,1-DCA	---	81	<1	<1	<1	<1	<1	<1
1,1-DCE	**7**	7	<1	<1	<1	<1	<1	<1
1,2-DCA	**5**	5	<1	<1	<1	<1	<1	<1
bromomethane	---	10	<2	<1	<1	<1	<1	<1
chloromethane	---	30	<2	<1	<1	<1	<1	<1
chloroform	---	70	<1	<1	<1	<1	<1	<1
dibromochloromethane	---	60	<1	<1	<1	<1	<1	<1
bromoform	---	4	<1	<1	<1	<1	<1	<1
carbon disulfide	---	70	**1**	<1	<1	<1	**1**	<1
styrene	---	100	<1	<1	<1	<1	<1	<1
chloroethane	**14,000**	---	<2	<1	<1	<1	<1	<1
chlorobenzene	---	100	<1	<1	<1	<1	<1	<1
1,2-dichloropropane	---	5	<1	<1	<1	<1	<1	<1
1,1,2-trichloroethane	---	5	<1	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	---	---	<1	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	---	---	<1	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	---	2	<1	<1	<1	<1	<1	<1
2-hexanone	---	---	<5	<5	<5	<5	<5	<5
GMP constituents								
cis-1,2-DCE	**70**	70	---	<1	<1	<1	<1	<1
trans-1,2-DCE	---	100	---	<1	<1	<1	<1	<1
dichlorodifluoromethane	---	1,000	---	<2	<2	<2	<2	<2
isopropylbenzene	---	800	---	<1	<1	<1	<1	<1
n-propylbenzene	---	260	---	<1	<1	<1	<1	<1
1,3,5-trimethylbenzene	---	330	---	<1	<1	<1	<1	<1
tert-butylbenzene	---	260	---	<1	<1	<1	<1	<1
1,2,4-trichlorobenzene	---	70	---	<1	<1	<1	<1	<1
sec-butylbenzene	---	260	---	<1	<1	<1	<1	<1
1,3-dichlorobenzene	---	600	---	<1	<1	<1	<1	<1
p-isopropyltoluene	---	260	---	<1	<1	<1	<1	<1
1,4-dichlorobenzene	---	75	---	<1	<1	<1	<1	<1
1,2-dichlorobenzene	---	600	---	<1	<1	<1	<1	<1
n-butylbenzene	---	260	---	<1	<1	<1	<1	<1
1,2,4-trimethylbenzene	---	330	---	<1	<1	<1	<1	<1
naphthalene	---	20	---	<1	<1	<1	<1	<1
methyl tert-butyl ether	---	13	---	<1	<1	<1	<1	<1
diethyl ether	---	1,400	---	<1	<1	<1	<1	<1
ethyl tertiary-butyl ether	---	40	---	<1	<1	<1	<1	<1
di-isopropyl ether	---	120	---	<1	<1	<1	<1	<1
tertiary-butyl alcohol	---	40	---	<5	<5	<5	<5	<5
1,4-dioxane	---	3	---	<2	<2	<2	<2	<2
arsenic (dissolved)	**10**	10	41	49	49	48	50	49
arsenic (total)	---	---	51	50	48	49	51	49
calcium	---	---	---	---	---	---	---	---
iron (dissolved)	---	---	9.7 B	<100	<100	<100	<100	<100
iron (total)	---	---	14,400	377	130	<100	<100	<100
magnesium	---	---	---	---	---	---	---	---
manganese (dissolved)	---	840	15.9	13	14.5	18	21.6	18
manganese (total)	---	---	233	20	17	21	23.3	19
potassium	---	35,000	---	---	---	---	---	---
sodium	---	---	---	---	---	---	---	---
pH (SU)	---	---	8.38	7.96	7.85	8.39	8.30	8.01
SC (mS/cm)	---	---	0.256	0.263	0.457	0.254	0.257	0.264
Turb (NTU)	---	---	287	-11.62	2.01	0.52	0.10	0.71
DO (mg/l)	---	---	0.48	0.57	0.68	0.6	0.70	0.40
ORP (mv)	---	---	-319	299.6	103.3	-80.5	-139.1	45.1
Temp (°C)	---	---	5.66	11.85	9.25	10.91	10.63	9.02
Water Level Elevation	NA	NA	---	---	---	---	---	---

SUMMARY OF HISTORICAL GROUND WATER QUALITY DATA
GMP WELL SC-10LUI

LANDFILL PERIMETER WELL
SCREENED INTERVAL - 43 - 48 FEET BGS

GMP Well SC-10LUI
[43 - 48 feet BGS]

constituent (ppb)	ICL	AGQS	Oct-93	Dec-93	Dec-95	Jun-96	Dec-96	Jun-97	Dec-97	May-98	Nov-98	May-99	Dec-99	Aug-00	Dec-00	Jul-01	Nov-01	May-02	Dec-02	Jun-03	Nov-03	May-04	Dec-04	May-05	Jun-06	Nov-06	Jun-07	Nov-07	Jun-08	Nov-08	May-09*	Nov-09	May-10	Nov-10	May-11
benzene	5	5	<1	<1.6	<1	<0.8	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.7(J)	<1	<1	<5	<1	<1	<1	<1	<1	<1	1	1	2	2	2	2	2	3
ethylbenzene	---	700	<1	<1.6	<1	<0.5	<1	1	<1	<1	0.6(J)	0.7(J)	0.9(J)	0.9(J)	0.9(J)	1	<1	1	1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
toluene	1,000	1,000	3	1(J)	<1	<0.8	<1	<1	<1	<1	<1	0.6(J)	5	2	2	1	<1	0.7(J)	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1
xylene	---	10,000	<1	3	<1	0.7	<1	3	<1	<1	0.6(J)	1	2	1	1	2	<1	3	3	3(B)	<5	2.7	3	4	4	<1	5	7	7	9	12	11	7	17	43
PCE	5	5	<1	<1.6	<1	<0.8	<1	<1	<1	<1	0.7(J)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
TCE	5	5	<1	<1.6	0.8(J)	0.4(J)	<1	2	1	2	2	2	1	1	0.7(J)	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCE	70	70	<1	<1.6	3	3	1	4	4	4	4	4	4	2	2	2	<1	1(J)	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1	<1	4
vinyl chloride	2	2	<1	<1.6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
acetone	700	6,000	12	<8	6	1(JB)	<5	3(J)	<5	<5	<5	<5	2(J)	<5	<5	6	<5	8	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	11	<5	<5
tetrahydrofuran	154	154	12	33	3(J)	---	<5	17	<5	<5	<5	3(J)	10	10	22	15	<5	37	48	24	<10	37	50	45	83	32	97	110	180	150	210	170	240	230	290
2-butanone	200	---	12	<8	<5	<3	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
4-methyl 2-pentanone	350	---	11	8	9	6	<5	3(J)	<5	<5	<5	<5	2(J)	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
methylene chloride	5	5	2(B)	3(B)	<1	0.7(JB)	1(B)	3(B)	7(B)	2(B)	2(B)	0.9(JB)	1(B)	<1	<1	<1	5(B)	<1	<1	<1	<5	<1	<1	<2	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,1,1-TCA	---	200	<1	<1.6	<1	<0.8	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCA	---	81	<1	<1.6	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-DCE	7	7	<1	<1.6	<1	<0.8	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCA	5	5	<1	<1.6	2	<0.8	<1	<1	<1	<1	<1	0.5(J)	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	1	2	1	<1	1	2
bromomethane	---	10	<1	<1.6	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloromethane	---	30	<1	<1.6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroform	---	70	<1	<1.6	<1	<0.8	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
dibromochloromethane	---	60	<1	<1.6	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromoform	---	4	<1	<1.6	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
carbon disulfide	---	70	<1	<1.6	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
styrene	---	100	<1	<1.6	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	2(B)	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroethane	14,000	---	<1	<1.6	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chlorobenzene	---	100	<1	<1.6	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-dichloropropane	---	5	<1	<1.6	<1	<0.8	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-trichloroethane	---	5	<1	<1.6	<1	<0.8	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	---	---	<1	<1.6	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	---	---	<1	<1.6	<1	<0.8	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	---	2	<1	<1.6	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-hexanone	---	---	<5	<8	<5	<2	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
GMP constituents																																			
cis-1,2-DCE	70	70	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	3
trans-1,2-DCE	---	100	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
dichlorodifluoromethane	---	1,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<2	<2	<2	<2	<2
isopropylbenzene	---	800	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	2	<1	3	5
n-propylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,3,5-trimethylbenzene	---	330	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
tert-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,2,4-trichlorobenzene	---	70	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
sec-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,3-dichlorobenzene	---	600	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
p-isopropyltoluene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,4-dichlorobenzene	---	75	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,2-dichlorobenzene	---	600	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
n-butylbenzene	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,2,4-trimethylbenzene	---	330	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
naphthalene	---	20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
methyl tert-butyl ether	---	13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
diethyl ether	---	1,400	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	7	9	9	10	14
ethyl tertiary-butyl ether	---	40	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
di-isopropyl ether	---	120	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
tertiary-butyl alcohol	---	40	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	19	19	19	20	<5
1,4-dioxane	---	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	110	82	71	93	170
arsenic (dissolved)	10	10	---	---	---	---	---	---	---	---	---	---	---	92	99	129	132	106	110	41	100	73	93	73	33	30	33	30	36	32	64	64	61	66	66
arsenic (total)	---	---	270	40	43.3	41.5	45	35	38	40	35	47	72	92	107	128	132	127	117	54	100	79	92	82	65	57	72	75	69	65.6	64	66	63	61	65
calcium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
iron (dissolved)	---	---	---	---	---	---	---	---	---	---	---	---	---	92,300	86,800	74,900	67,200	44,300	32,800	19,600	28,000	27,000	38,100	38,300	42,700	38,000	49,900	52,800	54,100	47,000	47,300	44,300	42,600	44,100	48,400
iron (total)	---	---	---	---	13,400	13,400	17,800	13,900	15,600	15,600	17,900	24,800	81,500	90,200	90,000	72,600	69,600	53,400	34,700	23,800	29,000	28,000	37,600	41,200	42,900	38,000	50,400	51,600	54,700	48,500	48,000	46,800	48,800	42,800	48,600
magnesium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	--	---	---	---	---	---
manganese (dissolved)	---	840	---	---	---	---	---	---	---	---	---	---	---	2,930	2,430	1,750	1,480	1,220	859	936	710	760	903	1,080	1,220	1,220	1,400	1,390	1,280	1,280	1,390	1,380	1,420	1,410	1,490
manganese (total)	---	---	---	---	---	---	---	---	---	---	---	---	---	2,850	2,430	1,690	1,540	1,040	865	913	740	780	918	1,110	1,220	1,220	1,400	1,400	1,330	1,330	1,420	1,450	1,650	1,360	1,460
potassium	---	35,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
sodium	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	102,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
pH (SU)	---	---	---	---	7.51	6.55	7.73	6.88	6.74	6.76	6.7	6.75	6.65	6.52	6.63	6.65	6.46	6.5	6.72	6.68	6.76	6.69	6.51	5.98	6.70	7.05	6.63	6.65	6.49	6.57	5.6	6.54	6.4	6.76	6.62
SC (mS/cm)	---	---	---	---	0.156	0.279	0.508	0.287	0.344	0.315	0.377	0.385	0.549	1.130	1.070	1.119	1.460	1.081	0.781	0.674	0.597	0.709	0.666	0.517	0.576	0.618	0.598	0.851	0.664	0.721	2.471	0.754	0.755	0.735	0.790
Turb (NTU)	---	---	---	---	-10	1	-4	2	17	0	0	1	---	9	6	12	2.40	---	9.36	4.10	1.10	11	1.66	1.40	0.90	2.07	5.92	2.14	3.27	0.48	2.33	2.93	0.78	0.68	0.68
DO (mg/l)	---	---	---	---	3.89	0.19	1.05	0	0.06	0	0.12	0.10	0	0.02	0	0.45	2.05	0.58	0.60	0.27	0.28	0.20	0.35	2.26	0.24	0.45	0.58	0.24	0.54	0.21	0.78	0.34	0.42	0.34	0.78
Eh (mv)	---	---	---	---	-281	-110	-70	-75	-107	-81	-67	-85	-110	4.30	-55	-35.5	-91.3	-60.5	-93.9	-24	-119	-76	-67	-51.2	-105.1	-121.6	-43.9	-203.2	-103.7	-91.6	-24.4	-109.7	-110.6	-132.1	-109.9
Temp (°C)	---	---	---	---	9.1	11.6	8.8	10.3	9.9	10.4	10.6	11.6	10.4	11.3	9	12.4	11.12	11.42	10.36	10.9	10.48	10.92	10.18	11.71	12.08	12.2	10.46	11.04	12.26	11.52	11.12	11.3	10.85	10.56	9.98
Water Level Elevation	150.55	NA	---	146.86	147.55	146.50	147.73	147.62	146.64	147.29	146.52	146.93	146.96	146.84	146.93	147.05	144.99	146.90	146.50	146.74	147.10	147.73	147.35	147.87	148.40	147.25	147.55	146.48	147.20	147.40	147.73	146.58	147.32	146.75	149.32

"*" denotes that the ground water sample collected from SC-10LUI for VOC and metals analyses was incorrectly identified in the field and on the laboratory reports as SC-10UUL

SURFACE WATER

SUMMARY OF HISTORICAL SURFACE WATER QUALITY DATA
SW-A
UPGRADIENT END OF GLEN HILL CULVERT
DOVER MUNICIPAL LANDFILL
DOVER, NEW HAMPSHIRE

constituent (ppb)	NH SW Fresh Water-Acute	NH SW Fresh Water-Chronic	Dec-00	Aug-01	Nov-01	May-02	Dec-02 *	Jun-03 *	Nov-03	May-04	Dec-04	May-05	Jun-06	Oct-06	Jun-07	Jun-08	Nov-08	May-11
benzene	5,300	---	**2**	DRY	DRY	<1	**2**	**1**	<10	<1	<1	<1	<1	<1	**0.4(J)**	**1**	**1(J)**	<1
ethylbenzene	32,000	---	**66**	---	---	**5**	**52**	**18**	**21**	**12**	<1	<1	<1	<1	**5**	**9**	**12**	<1
toluene	---	---	**750**	---	---	**120**	**560**	**280(B)**	**280**	**160**	<1	<1	<1	<1	**94**	**100**	**140**	<1
xylene	---	---	**190**	---	---	**29**	**250**	**88**	**95**	**45**	<3	<3	<3	<3	**29**	**49**	**65**	<3
PCE	5,280	840	**40**	---	---	**6**	**43**	<1	**1(J)**	**5.8**	<1	<1	<1	<1	**3**	**0.6(J)**	**2**	<1
TCE	45,000	21,900	**20**	---	---	**16**	**7**	**2**	<10	**5.3**	<1	<1	<1	<1	**3**	**2**	**2**	**0.4(J)**
1,2-DCE	11,600	---	**3,500**	---	---	**400**	**2,800**	**1,400**	**900**	**500**	**2**	**2**	<1	<1	**430**	**460**	**500**	**21**
vinyl chloride	---	---	**340**	---	---	**71**	**200**	**140**	**140**	**34**	<1	<1	<2	<2	**27**	**62**	**51**	**2**
acetone	---	---	**290**	---	---	**18**	**120**	**160**	**120**	<1	<5	**3(J)**	<5	<5	**47**	**87**	**48**	<5
tetrahydrofuran	---	---	**58**	---	---	<5	<5	<5	**16**	**16**	<5	<5	<5	<5	**3(J)**	**11**	**5**	<5
2-butanone	---	---	**1,300**	---	---	**21**	**570**	**690**	**220**	**250**	<5	<5	<5	<5	**87**	**250**	**160**	<5
4-methyl 2-pentanone	---	---	**550**	---	---	**21**	**390**	**470**	**28**	**140**	<5	<5	<5	<5	**65**	**160**	**100**	<5
methylene chloride	11,000	---	**280 (B)**	---	---	**19**	**390(B)**	**58**	**44**	<1	<1	<2	<5	<5	**27**	**12(B)**	**29**	<5
1,1,1-TCA	---	---	**46**	---	---	**21**	**120**	**42**	**19**	**18**	<1	<1	<1	<1	**10**	**19**	**14**	<1
1,1-DCA	---	---	**110**	---	---	**23**	**140**	**54**	**35**	**19**	<1	<1	<1	<1	**12**	**21**	**21**	**0.6(J)**
1,1-DCE	11,600	---	**3**	---	---	**2**	**4**	**2**	**1(J)**	<1	<1	<1	<1	<1	<1	**0.5(J)**	**0.7(J)**	<1
1,2-DCA	118,000	20,000	**1**	---	---	<1	**0.6(J)**	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromomethane	11,000	---	<1	---	---	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloromethane	11,000	---	<1	---	---	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroform	28,900	1,240	<1	---	---	<1	<1	<1	<10	<1	**0.2(J)**	<1	<1	<1	<1	<1	<1	<1
dibromochloromethane	11,000	---	<1	---	---	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromoform	11,000	---	<1	---	---	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1
carbon disulfide	---	---	<1	---	---	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1
styrene	---	---	<1	---	---	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroethane	---	---	**6**	---	---	**2**	**19**	**4**	<10	**2.5**	<1	<1	<1	<1	**1**	**2**	**2**	<1
chlorobenzene	250	50	**0.5 (J)**	---	---	<1	<1	**5**	<10	<1	<1	<1	<1	<1	<1	**0.4(J)**	**0.5(J)**	<1
1,2-dichloropropane	23,000	5,700	<1	---	---	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-trichloroethane	---	9,400	<1	---	---	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	6,060	244	<1	---	---	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	6,060	244	<1	---	---	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	9,320	2,400	<1	---	---	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-hexanone	---	---	**43**	---	---	<5	**21**	**32**	<10	**18**	<5	<5	<5	<5	**19**	**12**	**8**	<5
arsenic (dissolved)	340	150	14	---	---	<2.1	---	3.6(B)	9.9(B)	10.5	3.2(B)	<2.81	7.7(B)	<3.09	4.8(B)	19.6	13.4	<1.43
arsenic (total)	---	---	18	---	---	<2.1	<1.6	7.8(B)	8(B)	6(B)	3.4(B)	<2.81	10.8	<3.09	6.8(B)	25	15.1	<1.43
iron (dissolved)	---	1,000	36,200	---	---	3,480	---	10,600	20,200	16,600	1,330	1,880	17,300	1,320	9,300	28,900	22,900	4,810
iron (total)	---	---	39,600	---	---	4,440	4,790	28,700	24,200	16,800	1,920	3,170	25,000	1,350	10,200	31,200	24,400	3,360
manganese (dissolved)	---	---	345	---	---	156	---	637	340	250	202	504	181	95.8	129	367	340	212
manganese (total)	---	---	373	---	---	164	387	640	344	233	194	452	189	94.7	135	354	346	188
pH (SU)	---	---	---	---	---	6.01	6.28	6.38	6.71	6.13	---	5.95	5.95	6.03	6.04	6.57	6.43	5.88
SC (mS/cm)	---	---	---	---	---	0.2	0.48	0.473	0.515	0.313	---	0.268	0.47	0.113	0.119	0.501	0.265	0.253
Turb (NTU)	---	---	---	---	---	---	3.32	---	---	---	---	6.37	36.8	13.1	1.84	12.5	36.9	1.32
DO (mg/l)	---	---	---	---	---	7.24	8.07	0.38	9.03	5.89	---	7.94	8.67	10.32	6.78	6.54	10.05	3.59
Eh (mv)	---	---	---	---	---	92.6	110	0.9	112	40.6	---	81.1	26.8	116	52.5	-44.6	29.8	58.2
Temp (^{o}C)	---	---	---	---	---	11	1.9	15.7	4.46	13.79	---	17.24	20.8	7.62	18.98	18.92	2.47	7.43

"*" denotes constituents for this sampling event, although reported by the laboratory as SW-B values, are considered to represent SW-A sample results.

SUMMARY OF HISTORICAL SURFACE WATER QUALITY DATA
GMP SW-C
CONFLUENCE OF THE TWO CULVERTS IN THE SWALE
DOVER MUNICIPAL LANDFILL
DOVER, NEW HAMPSHIRE

Surface Water Monitoring Point GMP SW-C

constituent (ppb)	NH SW Fresh Water-Acute	NH SW Fresh Water-Chronic	Aug-00	Aug-01	Nov-01	May-02	Dec-02	Jun-03	Nov-03	May-04	Dec-04	May-05	Jun-06	Oct-06	Jun-07	Nov-07	Jun-08	Nov-08	Apr-09	Nov-09	May-10	Nov-10	May-11
benzene	5,300	---	1	0.8(J)	<1	2	4	2	3(J)	2.4	5	2	4	2	1(J)	0.7(J)	2	3	3	0.7(J)	2	1	0.4(J)
ethylbenzene	32,000	---	<1	<1	<1	1	5	1	3(J)	3.7	10(B)	3	6	4	3	0.5(J)	2	4	3	0.2(J)	2	<1	2
toluene	---	---	<1	<1	<1	14	55	11	28	24	100(B)	20	13	30	32	7	8	31	22	1	1	0.4(J)	21
xylene	---	---	<1	<1	<1	9	54	6	21	21.3	87	19	37	30	22	5	13	29	25	2(J)	8	8	11
PCE	5,280	840	<1	<1	<1	<1	3	<1	2(J)	1.1	10	0.8(J)	<1	0.6(J)	<2	<1	<1	0.5(J)	2	<1	<1	<1	<1
TCE	45,000	21,900	<1	<1	<1	3	<1	2	1(J)	1.2	2	0.8(J)	<1	<1	1(J)	<1	0.4(J)	0.4(J)	2	<1	0.5(J)	<1	2
1,2-DCE	11,600	---	2	2	<1	81	230	150	160	150	300	110(J)	46	150	170	50	<1	140	120	10	26	6	200
vinyl chloride	---	---	2	2	<1	6	15	34	36	15	29	12	<1	12	9	1	17	14	4	1	6	2	37
acetone	---	---	<5	<5	6	24(B)	13	19	23	<1	22	48	12	35	30	16	23	18	24	10	27	6	6
tetrahydrofuran	---	---	2(J)	<5	<5	19	21	14	21	20	24	20	14	11	8(J)	6	14	11	8	4(J)	9	5	<5
2-butanone	---	---	<5	<5	<5	15	57	47	26	87	62	55	18	67	31	22	38	46	30	3(J)	6	<5	11
4-methyl 2-pentanone	---	---	<5	<5	<5	14	43	32	32	56	51	28	<5	40	<10	14	23	27	<5	1(J)	<5	<5	8
methylene chloride	11,000	---	<1	<1	<1	<1	30	<1	<10	17	46	6	<5	13(B)	9(J)	4(JB)	1(JB)	7	5(B)	<5	<5	<5	<5
1,1,1-TCA	---	---	<1	<1	<1	3	8	<1	2(J)	3.7	6	<1	<1	3	3	0.9(J)	2	3	4	<1	0.4(J)	0.3(J)	3
1,1-DCA	---	---	4	3	<1	4	12	9	9(J)	6.4	12	4	2	5	5	2	4	6	<1	1(J)	0.7(J)	0.5(J)	4
1,1-DCE	11,600	---	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCA	118,000	20,000	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
bromomethane	11,000	---	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
chloromethane	11,000	---	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
chloroform	28,900	1,240	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
dibromochloromethane	11,000	---	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
bromoform	11,000	---	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
carbon disulfide	---	---	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
styrene	---	---	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
chloroethane	---	---	<1	<1	<1	<1	<1	<1	<10	<1	2	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
chlorobenzene	250	50	0.6(J)	<1	<1	1	3	<1	2(J)	2.2	5(B)	2	<1	2	2(J)	0.8(J)	2	3	3	1	3	1	<1
1,2-dichloropropane	23,000	5,700	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-trichloroethane	---	9,400	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	6,060	244	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	6,060	244	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	9,320	2,400	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1
2-hexanone	---	---	<5	<5	<5	<5	<5	2(J)	3(J)	<1	4(J)	<5	<5	4(J)	<10	<5	2(J)	2(J)	2(J)	<5	<5	<5	<5
GMP constituents																							---
1,2-dichloroethylene, total	11,600	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<2	<2	<2	<2	<2
dichlorodifluoromethane	11,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	<1	<1	0.4(J)	0.4(J)
isopropylbenzene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.8(J)	<1	2	<1	0.4(J)
n-propylbenzene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	0.2(J)	<1	0.8(J)	0.6(J)
1,3,5-trimethylbenzene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
tert-butylbenzene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	2
1,2,4-trichlorobenzene	250	50	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
sec-butylbenzene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
1,3-dichlorobenzene	1,120	763	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
p-isopropyltoluene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	0.6(J)	1.3(J)	0.2(J)	<1
dichlorobenzene, total	1,120	763	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
n-butylbenzene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	5	0.6(J)	<1	2	2
1,2,4-trimethylbenzene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	0.4(J)	2	<1	<1
naphthalene	2,300	620	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
methyl tert-butyl ether	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.9(J)	<1	0.8(J)	0.5(J)	<1
diethyl Ether	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
ethyl tertiary-butyl ether	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<1	<1	<1	<1	<1
di-isopropyl ether	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<5	<5	<5	<5	<5
tertiary-butyl alcohol	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	7.5	<2	5.2	6.1	1.3(J)
1,4-dioxane	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---					
arsenic (dissolved)	340	150	15	9	<2.5	2.5(B)	---	13.2	15.9	10.1	22.4	9.4	5.6(B)	6.2(B)	6.0(B)	5.2(B)	12.2	19.1	12.7	12.8	6.4(J)	4.7(J)	5.0(J)
arsenic (total)	---	---	15	23	10	5.7(B)	6.6(B)	15.9	13.7	14.7	32.9	40.9	31.3	26.8	17	10.2	19.5	31.5	22	16.5	17.7	9	5.6(J)
iron (dissolved)	---	1,000	9,440	14,600	4,300	7,280	---	11,700	23,600	20,400	52,400	28,000	40,200	29,900	14,500	8,100	17,800	40,700	27,400	13,700	27,300	6,970	14,800
iron (total)	---	---	9,600	23,900	9,740	11,800	16,800	19,700	26,000	29,300	57,500	68,400	76,900	49,300	24,600	10,700	28,000	45,000	37,300	16,800	49,000	10,000	15,900
manganese (dissolved)	---	---	483	826	429	348	---	639	601	481	728	569	680	576	305	458	538	604	527	491	588	329	308
manganese (total)	---	---	445	811	432	351	528	628	572	470	753	588	691	583	307	459	567	525	536	514	604	326	308
pH (SU)	---	---	---	---	6.48	6.68	6.49	6.81	6.78	6.47	---	6.36	6.56	6.8	6.41	6.74	6.46	6.62	6.18	6.80	6.52	6.67	6.22
SC (mS/cm)	---	---	---	---	0.236	0.411	0.615	0.615	0.59	0.63	---	0.592	0.804	0.636	0.335	0.413	0.658	0.569	0.629	0.468	0.660	0.404	0.388
Turb (NTU)	---	---	---	---	45	---	31	---	---	---	---	165	263	127	1.93	28.1	78.5	26.3	87.8	15.2	---	22.6	3.58
DO (mg/l)	---	---	---	---	0.23	7.12	9.78	4.74	7.95	7.51	---	8.11	5.84	8.26	7.05	8.33	6.57	10.41	6.02	6.41	4.69	7.72	8.74
Eh (mv)	---	---	---	---	100	5.9	47.3	-37.3	93.7	-15.4	---	-55.3	-72.9	-72	-22.7	-98.2	-54.3	31.4	-51.5	-73.5	-98.4	-12.7	50.7
Temp (°C)	---	---	---	---	8.69	12	2.32	16.8	4.95	12.7	---	16.5	20.47	7.48	18.48	7.27	16.49	4.57	12.66	8.38	18.53	7.04	7.72

SUMMARY OF HISTORICAL SURFACE WATER QUALITY DATA
GMP SW-D1
SWALE AT THE DISCHARGE TO THE COCHECO RIVER
DOVER MUNICIPAL LANDFILL
DOVER, NEW HAMPSHIRE

Surface Water Monitoring Point GMP SW-D1

	NH SW Fresh Water -	NH SW Fresh Water -	SW-D															SW-D1						
constituent (ppb)	Acute	Chronic	Aug-00	Dec-00	Aug-01	Nov-01	May-02	Dec-02	Jun-03	Nov-03	May-04	Dec-04	May-05	Jun-06	Oct-06	Jun-07	Nov-07	Jun-08	Nov-08	Apr-09	Nov-09	May-10	Nov-10	May-11
benzene	5,300	---	<1	3	<1	<1	0.9(J)	2	0.6(J)	1(J)	1.2	3	2	1	1(J)	0.8(J)	0.5(J)	0.6(J)	1	0.9(J)	0.3(J)	<1	0.3(J)	<1
ethylbenzene	32,000	---	<1	1	<1	<1	0.6(J)	3	0.6(JB)	1(J)	1.8	6(B)	2	1	1	2	<1	0.4(J)	2	1	<1	<1	<1	0.4(J)
toluene	---	---	<1	3	<1	<1	7	32	5(B)	13	14	59(B)	13	3	11	18	4	3	14	7	0.5(J)	<1	<1	4
xylene	---	---	<1	27	<1	<1	4	32	3(B)	9(J)	11.7	50	15	9	12	13	3	4	14	7	0.7(J)	<3	1(J)	2(J)
PCE	5,280	840	<1	<1	<1	<1	<1	2	<1	<10	<1	6	0.7(J)	<1	<1	0.5(J)	<1	<1	<1	1	<1	<1	<1	<1
TCE	45,000	21,900	<1	0.7(J)	<1	<1	1	<1	0.6(J)	<10	<1	1	0.9(J)	<1	<1	0.7(J)	<1	<1	<1	0.6(J)	<1	<1	<1	0.6(J)
1,2-DCE	11,600	---	<1	70	<1	<1	44	180	71	90	<1	190	64	16	69	99	34	<1	66	46	4	2	0.4(J)	55
vinyl chloride	---	---	<1	6	<1	<1	3	7	9	15	5.1	17	6	<1	4	4	0.8(J)	5	5	2	0.4(J)	0.4(J)	<1	6
acetone	---	---	<5	7	<5	<5	19(B)	13	21	15	<1	21	27	11	27	26	14	15	15	20	7	9	4(J)	4(J)
tetrahydrofuran	---	---	<5	34	<5	<5	19	19	16	16	20	27	15	10	8	6	6	10	9	6	<5	<5	3(J)	<5
2-butanone	---	---	<5	14	<5	<5	13	50	37	18	80	55	34	10	38	28	19	21	32	18	2(J)	<5	<5	4(J)
4-methyl 2-pentanone	---	---	<5	6	<5	<5	14	36	27	22	54	42	23	<5	24	<5	10	12	19	<5	<5	<5	<5	3(J)
methylene chloride	11,000	---	0.6(JB)	1	<5	0.6(JB)	<1	18	<1	3(J)	7.8	27	3	<5	6(B)	6	3(JB)	0.7J(B)	3(J)	2(JB)	<5	<5	<5	<5
1,1,1-TCA	---	---	<1	1(J)	<1	<1	2	4	<1	1(J)	1.6	4	<1	<1	1	2	0.7(J)	0.5(J)	1	1	<1	<1	<1	0.7(J)
1,1-DCA	---	---	0.7(J)	4	<1	<1	2	7	4	5(J)	3	7	3	0.9(J)	2	3	1	2	3	1	0.5(J)	<1	<1	1.0(J)
1,1-DCE	11,600	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-DCA	118,000	20,000	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromomethane	11,000	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	0.8(J)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloromethane	11,000	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroform	28,900	1,240	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
dibromochloromethane	11,000	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
bromoform	11,000	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
carbon disulfide	---	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
styrene	---	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chloroethane	---	---	<1	<1	<1	<1	<1	<1	<1	<10	<1	0.8(J)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
chlorobenzene	250	50	<1	2	<1	<1	0.7(J)	2	<1	1(J)	1.2	3(B)	2	<1	1	1	0.5(J)	0.7(J)	1	1	0.4(J)	0.3(J)	<1	<1
1,2-dichloropropane	23,000	5,700	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-trichloroethane	---	9,400	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	6,060	244	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	6,060	244	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	9,320	2,400	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-hexanone	---	---	<5	<5	<5	<5	<5	2(J)	<5	<10	4.8	3(J)	<5	<5	2(J)	18	5	<5	<5	<5	<5	<5	<5	<5
GMP constituents																								---
1,2-dichloroethylene, total	11,600	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	—	—	46	4	2	0.4(J)	55
dichlorodifluoromethane	11,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	—	—	<2	<2	<2	<2	<2
isopropylbenzene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	—	—	<1	<1	<1	<1	<1
n-propylbenzene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	—	—	<1	<1	<1	<1	<1
1,3,5-trimethylbenzene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	—	—	0.5(J)	<1	<1	<1	<1
tert-butylbenzene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	—	—	<1	<1	<1	<1	<1
1,2,4-trichlorobenzene	250	50	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	—	—	<1	<1	<1	<1	<1
sec-butylbenzene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	—	—	<1	<1	<1	<1	<1
1,3-dichlorobenzene	1,120	763	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	—	—	<1	<1	<1	<1	<1
p-isopropyltoluene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	—	—	<1	<1	<1	<1	<1
dichlorobenzene, total	1,120	763	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	—	—	<1	0.3(J)	<1	<1	<1
n-butylbenzene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	—	—	<1	<1	<1	<1	<1
1,2,4-trimethylbenzene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	—	—	2	0.2(J)	<1	0.3(J)	0.4(J)
naphthalene	2,300	620	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	—	—	0.8(J)	<1	<1	<1	<1
methyl tert-butyl ether	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	—	—	<1	<1	<1	<1	<1
diethyl Ether	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	—	—	0.4(J)	<1	<1	<1	<1
ethyl tertiary-butyl ether	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	—	—	<1	<1	<1	<1	<1
di-isopropyl ether	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	—	—	<1	<1	<1	<1	<1
tertiary-butyl alcohol	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	—	—	<5	<5	<5	<1	<5
1,4-dioxane	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	—	—	4.1	4.7	2.3	5.3	<2
arsenic (dissolved)	340	150	<8	9	<2.53	<2.53	<2.08	---	3.4(B)	6.8(B)	5.2(B)	12.7	4.7(B)	<3.45	<3.09	5(B)	6(B)	4.0(B)	12.3	6.1(B)	6.7(B)	<1.86	2.9(J)	3.5(J)
arsenic (total)	---	---	<8	11	2.8(B)	<2.53	4.7(B)	4.6(B)	7.1(B)	4.9(B)	8.6(B)	21.4	19	18.8	8.8	13.8	6.8(B)	11.8	18.5	13.9	8	8.3	4.5(J)	4.4(J)
iron (dissolved)	---	1,000	2,910	23,200	1,580	629	3,380	---	4,930	11,400	8,560	35,900	16,700	7,540	13,700	11,400	7,370	5,850	25,300	9,940	6,280	3,490	883	7,080
iron (total)	---	---	3,530	26,300	3,530	2,510	8,040	11,600	11,100	13,100	20,000	42,300	30,900	40,200	23,800	21,500	7,970	15,700	28,200	19,700	7,850	17,100	3,780	8,030
manganese (dissolved)	---	---	344	855	424	323	373	---	527	569	453	736	543	610	555	295	494	423	449	431	371	276	338	278
manganese (total)	---	---	312	854	434	334	371	524	486	537	449	733	524	630	551	309	412	452	423	427	396	256	338	284
pH (SU)	---	---	---	---	---	6.72	6.95	6.83	7.04	6.95	6.6	---	6.36	6.7	6.81	6.52	6.88	6.87	6.61	6.53	6.85	6.49	6.72	6.38
SC (mS/cm)	---	---	---	---	---	0.173	0.38	0.587	0.478	0.513	0.595	---	0.554	0.562	0.592	0.308	0.485	0.534	0.474	0.487	0.423	0.381	0.331	0.301
Turb (NTU)	---	---	---	---	---	25	---	7.45	---	9.7	55	---	135	208	52.7	3.19	21.4	6.02	19.3	54.5	7.66	31.3	12.7	0
DO (mg/l)	---	---	---	---	---	10	8.78	11.65	8.81		8.61	---	9.7	6.94	11.65	8.30	9.73	7.85	13.27	8.35	8.11	8.19	12.53	10.17
Eh (mv)	---	---	---	---	---	147	-8.2	18.3	-29.8	49.9	2.4	---	-52.1	-60.6	-80.6	-8	-127.6	---	113.5	-71.6	-25.4	-60.2	6.0	49
Temp (°C)	---	---	---	---	---	5	12	2.1	12	4.7	13	---	15.55	20.57	7.76	17.73	7.03	16.99	3.47	12.57	7.82	15.16	6.37	8.22

SUMMARY OF HISTORICAL SURFACE WATER QUALITY DATA
GMP SW-1
UNNAMED STREAM, NORTH BANK OF BELLAMY RESERVOIR
DOVER MUNICIPAL LANDFILL
DOVER, NEW HAMPSHIRE

constituent (ppb)	NH SW Fresh Water-Acute	NH SW Fresh Water-Chronic	May-09	Nov-09	May-10	Nov-10	May-11
benzene	5,300	---	<1	<1	<1	<1	<1
ethylbenzene	32,000	---	<1	<1	<1	<1	<1
toluene	---	---	<1	<1	<1	<1	<1
xylene	---	---	<3	<3	<3	<3	<3
PCE	5,280	840	<1	<1	<1	<1	<1
TCE	45,000	21,900	<1	<1	<1	<1	<1
1,2-DCE	11,600	---	<1	<1	<1	<1	<1
vinyl chloride	---	---	<1	<1	<1	<1	<1
acetone	---	---	<5	<5	<5	<5	<5
tetrahydrofuran	---	---	<5	<5	<5	<5	<5
2-butanone	---	---	<5	<5	<5	<5	<5
4-methyl 2-pentanone	---	---	<5	<5	<5	<5	<5
methylene chloride	11,000	---	<5	<5	<5	<5	<5
1,1,1-TCA	---	---	<1	<1	<1	<1	<1
1,1-DCA	---	---	<1	<1	<1	<1	<1
1,1-DCE	11,600	---	<1	<1	<1	<1	<1
1,2-DCA	118,000	20,000	<1	<1	<1	<1	<1
bromomethane	11,000	---	<1	<1	<1	<1	<1
chloromethane	11,000	---	<1	<1	<1	<1	<1
chloroform	28,900	1,240	<1	<1	<1	<1	<1
dibromochloromethane	11,000	---	<1	<1	<1	<1	<1
bromoform	11,000	---	<1	<1	<1	<1	<1
carbon disulfide	---	---	<1	<1	<1	<1	<1
styrene	---	---	<1	<1	<1	<1	<1
chloroethane	---	---	<1	<1	<1	<1	<1
chlorobenzene	250	50	<1	<1	<1	<1	<1
1,2-dichloropropane	23,000	5,700	<1	<1	<1	<1	<1
1,1,2-trichloroethane	---	9,400	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	6,060	244	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	6,060	244	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	9,320	2,400	<1	<1	<1	<1	<1
2-hexanone	---	---	<5	<5	<5	<5	<5
GMP constituents							
1,2-dichloroethylene, total	11,600	---	<1	<1	<1	<1	<1
dichlorodifluoromethane	11,000	---	<2	<2	<2	<2	<2
isopropylbenzene	---	---	<1	<1	<1	<1	<1
n-propylbenzene	---	---	<1	<1	<1	<1	<1
1,3,5-trimethylbenzene	---	---	<1	<1	<1	<1	<1
tert-butylbenzene	---	---	<1	<1	<1	<1	<1
1,2,4-trichlorobenzene	250	50	<1	<1	<1	<1	<1
sec-butylbenzene	---	---	<1	<1	<1	<1	<1
1,3-dichlorobenzene	1,120	763	<1	<1	<1	<1	<1
p-isopropyltoluene	---	---	<1	<1	<1	<1	<1
dichlorobenzene, total	1,120	763	<1	<3	<3	<1	<1
n-butylbenzene	---	---	<1	<1	<1	<1	<1
1,2,4-trimethylbenzene	---	---	<1	<1	<1	<1	<1
naphthalene	2,300	620	<1	<1	<1	<1	<1
methyl tert-butyl ether	---	---	<1	<1	<1	<1	<1
diethyl Ether	---	---	<1	<1	<1	<1	<1
ethyl tertiary-butyl ether	---	---	<1	<1	<1	<1	<1
di-isopropyl ether	---	---	<1	<1	<1	<1	<1
tertiary-butyl alcohol	---	---	<5	<5	<5	<5	<5
1,4-dioxane	---	---	<2	**6.6**	<2	<2	<2
arsenic (dissolved)	340	150	11	<8	<8	<8	<8
arsenic (total)	---	---	13	<8	8	<8	<8
iron (dissolved)	---	1,000	2,320	1,160	906	772	912
iron (total)	---	---	3,380	1,500	4,210	938	2,910
manganese (dissolved)	---	---	250	76.4	40	104	40
manganese (total)	---	---	266	83.5	79	105	63
pH (SU)	---	---	5.14	6.94	5.64	4.85	5.24
SC (mS/cm)	---	---	0.31	0.048	0.028	0.054	0.033
Turb (NTU)	---	---	1.29	2.57	3.01	0.72	1.55
DO (mg/l)	---	---	4.85	5.86	7	10.85	8.53
Eh (mv)	---	---	189.2	30.8	167	283.9	81.3
Temp (^{o}C)	---	---	19.31	9.20	11.86	6.68	7.75

SUMMARY OF HISTORICAL SURFACE WATER QUALITY DATA
GMP SW-3
UNNAMED STREAM, NORTH BANK OF BELLAMY RESERVOIR
DOVER MUNICIPAL LANDFILL
DOVER, NEW HAMPSHIRE

constituent (ppb)	NH SW Fresh Water-Acute	NH SW Fresh Water-Chronic	May-09	Nov-09	May-10	Nov-10	May-11
benzene	5,300	---	<1	<1	<1	<1	<1
ethylbenzene	32,000	---	<1	<1	<1	<1	<1
toluene	---	---	<1	<1	<1	<1	<1
xylene	---	---	<3	<3	<3	<3	<3
PCE	5,280	840	<1	<1	<1	<1	<1
TCE	45,000	21,900	<1	<1	<1	<1	<1
1,2-DCE	11,600	---	<1	<1	<1	<1	<1
vinyl chloride	---	---	<1	<1	<1	<1	<1
acetone	---	---	<5	<5	<5	<5	<5
tetrahydrofuran	---	---	<5	<5	<5	<5	<5
2-butanone	---	---	<5	<5	<5	<5	<5
4-methyl 2-pentanone	---	---	<5	<5	<5	<5	<5
methylene chloride	11,000	---	<5	<5	<5	<5	<5
1,1,1-TCA	---	---	<1	<1	<1	<1	<1
1,1-DCA	---	---	<1	<1	<1	<1	<1
1,1-DCE	11,600	---	<1	<1	<1	<1	<1
1,2-DCA	118,000	20,000	<1	<1	<1	<1	<1
bromomethane	11,000	---	<1	<1	<1	<1	<1
chloromethane	11,000	---	<1	<1	<1	<1	<1
chloroform	28,900	1,240	<1	<1	<1	<1	<1
dibromochloromethane	11,000	---	<1	<1	<1	<1	<1
bromoform	11,000	---	<1	<1	<1	<1	<1
carbon disulfide	---	---	<1	<1	<1	<1	<1
styrene	---	---	<1	<1	<1	<1	<1
chloroethane	---	---	<1	<1	<1	<1	<1
chlorobenzene	250	50	<1	<1	<1	<1	<1
1,2-dichloropropane	23,000	5,700	<1	<1	<1	<1	<1
1,1,2-trichloroethane	---	9,400	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	6,060	244	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	6,060	244	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	9,320	2,400	<1	<1	<1	<1	<1
2-hexanone	---	---	<5	<5	<5	<5	<5
GMP constituents							
1,2-dichloroethylene, total	11,600	---	<1	<1	<1	<1	<1
dichlorodifluoromethane	11,000	---	<2	<2	<2	<2	<2
isopropylbenzene	---	---	<1	<1	<1	<1	<1
n-propylbenzene	---	---	<1	<1	<1	<1	<1
1,3,5-trimethylbenzene	---	---	<1	<1	<1	<1	<1
tert-butylbenzene	---	---	<1	<1	<1	<1	<1
1,2,4-trichlorobenzene	250	50	<1	<1	<1	<1	<1
sec-butylbenzene	---	---	<1	<1	<1	<1	<1
1,3-dichlorobenzene	1,120	763	<1	<1	<1	<1	<1
p-isopropyltoluene	---	---	<1	<1	<1	<1	<1
dichlorobenzene, total	1,120	763	<1	<3	<3	<1	<1
n-butylbenzene	---	---	<1	<1	<1	<1	<1
1,2,4-trimethylbenzene	---	---	<1	<1	<1	<1	<1
naphthalene	2,300	620	<1	<1	<1	<1	<1
methyl tert-butyl ether	---	---	<1	<1	<1	<1	<1
diethyl Ether	---	---	<1	<1	<1	<1	<1
ethyl tertiary-butyl ether	---	---	<1	<1	<1	<1	<1
di-isopropyl ether	---	---	<1	<1	<1	<1	<1
tertiary-butyl alcohol	---	---	<5	<5	<5	<5	<5
1,4-dioxane	---	---	<2	<2	<2	<2	<2
arsenic (dissolved)	340	150	<8	<8	<8	<8	<8
arsenic (total)	---	---	<8	<8	<8	<8	<8
iron (dissolved)	---	1,000	308	1,240	948	809	930
iron (total)	---	---	1,470	1,420	1,470	963	1,240
manganese (dissolved)	---	---	390	37.9	44	78.3	28
manganese (total)	---	---	520	40	45	81.8	29
pH (SU)	---	---	5.57	5.99	5.41	4.87	5.24
SC (mS/cm)	---	---	0.103	0.052	0.049	0.074	0.071
Turb (NTU)	---	---	7.86	0.05	6.59	0.09	0
DO (mg/l)	---	---	7.90	2.40	2.79	5.93	4.09
Eh (mv)	---	---	128.8	123.3	162	223.6	92.3
Temp (^{o}C)	---	---	17.75	7.90	12.14	5.46	7.49

SUMMARY OF HISTORICAL SURFACE WATER QUALITY DATA
GMP SW-E
NORTHEAST END OF PERIMETER DITCH AT TOLEND ROAD CULVERT
DOVER MUNICIPAL LANDFILL
DOVER, NEW HAMPSHIRE

GMP Surface Water Monitoring Point SW-E

constituent (ppb)	NH SW Fresh Water-Acute	NH SW Fresh Water-Chronic	May-02	Nov-02	Dec-02	Jun-03	Nov-03	May-04	Dec-04	May-05	Nov-05	Jun-06	Oct-06	Jun-07	Nov-07	Jun-08	Nov-08	Apr-09	Nov-09	May-10	Nov-10	May-11
benzene	5,300	---	0.7(J)	3 (J)	2	2	2(J)	2	3	2	3	3	2	<10	1	<10	3	4	1	1	<1	1
ethylbenzene	32,000	---	27	120	69	42	50	25	91(B)	28	60	36	43	57	34	15	38	45	11	4	<1	10
toluene	---	---	300	1,700	840	580(B)	660	490	1,200(B)	300	610(B)	370	540	950	540	190	400	370	79	26	6	73
xylene	---	---	170	500	310	42	210	148	400	150	270	190	200	290	160	78	200	240	53	18	3	45
PCE	5,280	840	32	55	52	<1	41	15	140	10	60	3	12	26	7	<10	8	19	2	2	<1	1
TCE	45,000	21,900	44	8	8	4	16	15	24	9	27	6	5	34	3	<10	4	39	10	7	1	9
1,2-DCE	11,600	---	1,200	8,500	3,700	2,700	2,000	1,500(E)	3,400	1,202	2,002	1,202	2,204	4,500	2,510	670	1,402	1,800	354	380	230	720
vinyl chloride	---	---	140	320	240	310	390	140	260	81	120	190	240	300	160	100	160	120	76	24	130	200
acetone	---	---	67	640	100	180	110	<1	120	190	140	140	190	450	260	120	100	110	35	19	7	16
tetrahydrofuran	---	---	12	88	<5	<5	28	28	<5	<5	<5	<10	<5	<50	<5	<50	11	<10	7	<5	<5	<5
2-butanone	---	---	150	2,300	450	800	330	710	520	670	540	290	760	840	750	290	440	370	39	12	<5	33
4-methyl 2-pentanone	---	---	90	1,000	470	600	<10	470	440	380	320	260	470	630	490	200	280	240	31	<5	<5	22
methylene chloride	11,000	---	70	990	500(B)	120	120	190	500	100	220	23	180(B)	280	180	<50	86	92	<5	<5	<5	<5
1,1,1-TCA	---	---	71	260	120	89	46	37	84	36	49	32	56	110	61	25	39	80	6	6	12	14
1,1-DCA	---	---	72	280	150	100	81	56	120	38	64	38	75	120	76	26	59	59	12	5	18	14
1,1-DCE	11,600	---	7	<5	6	4	4(J)	<1	5	2	3	2(J)	4	<10	3	<10	2	3	<1	<1	<1	2
1,2-DCA	118,000	20,000	<1	<5	<1	<1	<10	<1	0.8(J)	0.4(J)	0.5(J)	<2	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1
bromomethane	11,000	---	<1	<5	<1	<1	<10	<1	<1	<1	<1	<2	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1
chloromethane	11,000	---	4	<5	<1	<1	<10	<1	<1	<1	<1	<2	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1
chloroform	28,900	1,240	<1	<5	<1	<1	<10	<1	<1	<1	<1	<2	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1
dibromochloromethane	11,000	---	<1	<5	<1	<1	<10	<1	<1	<1	<1	<2	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1
bromoform	11,000	---	<1	<5	<1	<1	<10	<1	<1	<1	<1	<2	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1
carbon disulfide	---	---	<1	<5	<1	<1	<10	<1	<1	<1	<1	<2	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1
styrene	---	---	<1	<5	<1	<1	<10	<1	<1	<1	<1	<2	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1
chloroethane	---	---	7	<5	22	6	<10	7.6	13	6	7	2	<1	11	<1	<10	5	4	<1	<1	<1	<1
chlorobenzene	250	50	<1	<5	0.5(J)	<1	<10	<1	0.8(JB)	0.6(J)	0.6(J)	<2	0.6(J)	<10	<1	<10	1	2	<1	1	<1	<1
1,2-dichloropropane	23,000	5,700	<1	<5	<1	<1	<10	<1	<1	<1	<1	<2	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1
1,1,2-trichloroethane	---	9,400	<1	<5	0.3(J)	<1	<10	<1	<1	<1	<1	<2	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1
cis-1,3-dichloropropene	6,060	244	<1	<5	<1	<1	<10	<1	<1	<1	<1	<2	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1
trans-1,3-dichloropropene	6,060	244	<1	<5	<1	<1	<10	<1	<1	<1	<1	<2	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1
1,1,2,2-tetrachloroethane	9,320	2,400	<1	<5	<1	<1	<10	<1	<1	<1	<1	<2	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1
2-hexanone	---	---	7	130	25	37	<10	52	39	18	32	18	41	190	36	<50	23	23	<5	<5	<5	<5
GMP constituents																						
1,2-dichloroethylene, total	11,600	---	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1,800	350	380	230	720
dichlorodifluoromethane	11,000	---	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	<2	<2	<2	<2	<2
isopropylbenzene	---	---	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4	1	<1	<1	1
n-propylbenzene	---	---	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6	1	<1	<1	2
1,3,5-trimethylbenzene	---	---	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	11	1	<1	<1	2
tert-butylbenzene	---	---	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	<1	<1	<1	<1	<1
1,2,4-trichlorobenzene	250	50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	<1	<1	<1	<1	<1
sec-butylbenzene	---	---	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	<1	<1	<1	<1	<1
1,3-dichlorobenzene	1,120	763	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	<1	<1	<1	<1	<1
p-isopropyltoluene	---	---	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	<1	<1	<1	<1
dichlorobenzene, total	1,120	763	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	<3	<2	<1	<1
n-butylbenzene	---	---	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	<1	<1	<1	<1	<1
1,2,4-trimethylbenzene	---	---	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	31	7	4	<1	7
naphthalene	2,300	620	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	<1	<1	<1	3
methyl tert-butyl ether	---	---	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	<1	<1	<1	<1	<1
diethyl Ether	---	---	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	<1	<1	<1	<1	<1
ethyl tertiary-butyl ether	---	---	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	<1	<1	<1	<1	<1
di-isopropyl ether	---	---	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	<1	<1	<1	<1	<1
tertiary-butyl alcohol	---	---	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	<5	<5	<5	<5	<5
1,4-dioxane	---	---	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	<10	<2	2	3	<2
arsenic (dissolved)	340	150	3.8(B)	<3	---	19.7	19.9	20.1	20.5	23.6	24.4	48.1	16.8	27.4	11.2	37	30.9	44	10	19	<8	12
arsenic (total)	---	---	3.7(B)	<3	2.7(B)	21.1	12.8	28.2	22.3	38	20.8	55.5	18.3	32	57.7	39	30.6	59	41	20	<8	15
iron (dissolved)	---	1,000	12,900	24,500	---	44,300	29,500	37,600	46,400	47,400	57,400	65,900	43,200	56,200	25,200	40,300	52,200	62,800	19,500	43,000	2,310	37,000
iron (total)	---	---	14,000	24,500	13,000	43,300	29,700	42,700	46,600	53,300	53,100	71,000	43,400	59,300	40,100	41,700	51,500	71,600	62,900	44,800	3,410	44,300
manganese (dissolved)	---	---	258	---	---	463	361	406	438	486	456	572	437	478	347	392	525	457	344	599	443	560
manganese (total)	---	---	254	---	428	439	355	383	450	470	442	576	432	470	344	388	513	479	380	583	456	551
pH (SU)	---	---	6.28	---	6.23	6.48	6.67	6.21	---	6.2	6.36	6.31	6.54	6.28	6.58	6.42	6.34	5.76	6.18	6.16	4.30	6.10
SC (mS/cm)	---	---	0.306	---	0.489	0.542	0.491	0.538	---	0.544	0.591	0.568	0.472	0.546	0.427	0.504	0.472	0.503	0.386	0.434	0.372	0.587
Turb (NTU)	---	---	---	---	2.67	---	---	20	---	32.6	6.7	19.1	3.57	8.65	32.6	17.9	20.6	14.9	8.32	16.6	1.64	13.3
DO (mg/l)	---	---	5.07	---	7.14	1.8	9.9	2.45	---	7.16	1.1	9.32	9.22	5	5.88	4.43	6.65	0.72	2.91	0.87	4.99	2.97
Eh (mv)	---	---	45	---	104	5.8	12.4	12.4	---	-38	-25.1	-50.6	-48.2	-45.1	-82	-52.6	-2.5	-26.4	-14	-29.1	398.7	---
Temp (°C)	---	---	9.9	---	0.6	14	8.2	13	---	18.01	11.3	20.46	8.42	18.21	2.67	18.45	4.21	10.51	6.19	11.97	8.32	8.45